

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

Date: Wednesday, January 23, 2008

From: Steve Spurlin

Subject: Decontamination and Demolition Work Continues

LWD, Inc.

2475 Industrial Parkway, Calvert City, KY

Latitude: 37.0469000

Longitude: -88.3320000

POLREP No.:	22	Site #:	A4LQ
Reporting Period:	1/3/08 - 1/25/08	D.O. #:	46
Start Date:	3/2/2006	Response Authority:	CERCLA
Mob Date:	3/6/2006	Response Type:	Time-Critical
Demob Date:	3/24/2007	NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	KYD088438817	Contract #	68-S4-02-04
RCRIS ID #:			

Site Description

Please refer to previous POLREPs for site description and previous actions taken.

Current Activities

The following activities took place during this PRP-lead Performance Period:

Clark Security provides 24 hour security at the site.

Since the beginning of this period of performance on 1/3/08, the wastewater treatment system (WWT) has treated approximately 58,000 gallons of water. Treated water is being used for building and steel decontamination operations. No land application of water was performed during this period of performance.

Demolition activities continue. Inside the incinerator building, the Unit 1 and Unit 2 baghouses, rotary kilns, and the Unit 2 upcomer and downcomer have been demolished. All metal is deconned with pressure washers prior to placement in disposal piles. The disposal piles are cut into shippable pieces with a sheer unit attached to a track excavator. Due to metal thickness, the rotary kilns had to be cut into shippable pieces utilizing acetylene torches. Twenty-three roll-off boxes of decontaminated steel, totaling approximately 424 tons, were shipped to River Metal Recycling in Metropolis, IL for recycling.

During this period of performance, fifteen loads of hazardous waste from the Unit 1 baghouse and the Unit 2 rotary kiln and baghouse totaling approximately 284 tons, were shipped to Stablax in Quebec, Canada for disposal via Heritage Environmental Services in Indianapolis, IN. In addition, forty-eight loads of hazardous waste from the Unit 3 rotary kiln and secondary burn chamber, totaling approximately 923 tons, were shipped to Heritage Environmental Services in Indianapolis, IN.

Planned Removal Actions

Brandenburg plans to accomplish the following during the next period of performance:

- Operate the wastewater treatment system;
- Decon all scrap steel on-site;
- Ship deconned scrap steel and debris off-site;
- Ship hazardous waste offsite to Indianapolis and Quebec
- Complete Unit 1 area inside the Incinerator Building; and,
- Continue decontamination and begin the demolition of the Incinerator building

EPA, USCG GST, and START will continue to provide over sight of the response.

Next Steps

The following items remain to be addressed:

- Continue site security;
- Monitor the wastewater treatment system for the reduction of suspended solids and metals concentrations.
- Continue decontamination and demolition of LWD structures and equipment;
- Evaluate the analytical results of Phase 4 on-site sampling event; and,
- Prepare to conduct the next steps of the Phase 4 subsurface investigation activities.

Key Issues

Weather continues to pose problems at the Site. Extended periods of rain cause delays or suspension of certain work activities. Sub-freezing temperatures require more time to complete tasks, set-up and break-down equipment, and poses a potential safety issue with workers.

Disposition of Wastes

-A total of 72 loads of scrap steel totaling approximately 1217 tons have been shipped to River Metal Recycling in Metropolis, IL for recycling.

-A total of 29 loads of non-hazardous debris, totaling approximately 128 tons, have been shipped to Western Kentucky Landfill in Mayfield, KY

-A total of 31 loads of hazardous waste, totaling approximately 598 tons, have been shipped to Stablax in Quebec, Canada for disposal.

-A total of 61 loads of hazardous waste, totaling approximately 1156 tons, have been shipped to Heritage Environmental Services in Indianapolis, Indiana for disposal.

-Two loads of copper, totaling 15 tons, have been sent to River Metal Recycling in Metropolis, IL.

-Approximately 5500 gallons of waste oil have been shipped to Heritage Environmental Services in Indianapolis, IN for disposal.

-One load of electronic waste (E-waste) was picked up by E-Scrap for recycling.

-One 20-yard roll-off box of asbestos containing materials (ACM) was shipped to Western Kentucky Landfill in Mayfield, KY.

-One shipment of material was shipped to Luminaires Recyclers in St. Paul, MN for recycling. The shipment included 156 8' lamps, 320 4' lamps, 140 HID lamps, 117 capacitors, and 17 lead acid batteries.

response.epa.gov/LWD