United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Saturday, May 5, 2007
From: Matthew Huyser

To: Shane Hitchcock, USEPA Richard Ball, MSDEQ

Subject: Week 11
Hinds County Wood Preserving
Learned-Oakley Road, Learned, MS
Latitude: 32.2056000
Longitude: -90.5481000

POLREP No.:	11	**Site #:**	A4MH
Reporting Period:	4/30/2007 - 5/4/2007	**D.O. #:**	
Start Date:	11/7/2006	**Response Authority:**	CERCLA
Mob Date:	11/6/2006	**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:	MSD981467376	**Contract #**	
RCRIS ID #:			

Site Description
The Hinds County Wood Preserving Company, Inc. (HCWP) began operations in the early 1960s and ceased operations around 1978. HCWP treated lumber with creosote in two pressure vessels. Remaining on-site as of 11/06/2006 were both pressure vessels (Tanks 2 and 6), three above-ground storage tanks (AST) (Tanks 1, 3, and 5), the facility boiler (Tank 4), and various pieces of equipment and treated lumber. The removal assessment determined 1) that each of the three ASTs contains some amount of material with a collective total of approximately 14,000 gallons, 2) each of the pressure vessels contains some amount of residual creosoting material and one was actively leaking, 3) seven drums of waste oil-water mixture were left on-site, 4) the boiler unit insulation contained asbestos while the pressure vessel's insulation did not, and 5) equipment contaminated with creosote remained on-site.

The site is drained by several ditches that converge at the northeast, adjacent to Learned Oakley Road, and flow via culverts into Bitter Creek on the east side of the road. The nearest residence is located 120 yards and uphill from the site. The resident maintains a groundwater well on the property, but the house has been connected to a municipal water supply.

Current Activities
START and ERRS crews were remobilized on April 30, 2007. This week the ERRS crew received an excavator and skid steer, constructed a road of compacted gravel on geo-fabric (for loading of the contaminated soil) and cut the scrap steel into 3 foot sections (for recycling and disposal). Twelve cubic yards of stained soil under the original soil pile were excavated and added to the soil pile

Currently on-site are two stockpiles of approximately 860 yards total contaminated soil, one frac-tank storing approximately 16,000 gallons of washwater, one chain-link fence used for storage of equipment while on-site, one office trailer with utilities, and an unseeded backfill area of approximately ¼ acre.

Planned Removal Actions
- Clearing of vegetation and trees to gain access to contaminated areas. (COMPLETE)
- Removal and bulking of contaminated wastes and/or hazardous substances from tanks and drums. (ONGOING)
- Demolition and removal of tanks and removal contaminated materials such as abandoned equipment. (COMPLETE)
- Excavate and stockpile contaminated surface soil. (COMPLETE)
- Treat and dispose of contaminated soil. (NOT INITIATED)
- Collect and analyze confirmation samples from the excavated areas. (COMPLETE)
- Restore and backfill excavated areas with clean fill. (ONGOING)
- Conduct additional sampling for waste profiling. (ONGOING)

- Additional sampling to confirm extent and boundary of migrated contaminants. (COMPLETE)

Next Steps

- Award disposal bids for soil, wastewater and contaminated metal.
- Transport and dispose of contaminated soils.
- Transport and recycle decontaminated steel.

Key Issues

Several options are being considered for disposal of the wastewater in the frac tank. The Vicksburg POTW has been contacted and is reviewing analytical results of the water, to see if part of the wastewater can be discharged to the facility. A bid for disposal of the water has been received and on-site treatment and discharge to the creek is the third option. One or some combination of these options will be selected to remove the water in an efficient and cost effective manner.

Disposition of Wastes

Approximately 850 cubic yards **Contaminated soils impacted by F034 listed waste**

Approximately 18,000 gallons **Nonhazardous wastewater of 7-8 pH, <2% suspended solids, containing trace pesticides/herbicides**

3 drums **Waste Oil**

3 drums **Nonhazardous wastewater of 7-8 pH, <1% suspended solids**

2 Units **Mercury-containing thermometer/gauge-type equipment**

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