United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Friday, December 15, 2006
From: Matthew Huyser

To: Shane Hitchcock, USEPA Richard Ball, MSDEQ

Subject: Week 5
Hinds County Wood Preserving
Learned-Oakley Road, Learned, MS
Latitude: 32.2056000
Longitude: -90.5481000

POLREP No.:	5	**Site #:**	A4MH
Reporting Period:	12/11/2006 - 12/15/2006	**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

Debris is being cleared for work areas and disposed of in a roll-off box that remains onsite for uncontaminated trash.

Deconstruction of Tank 2 (vessel) is nearly complete.

Approximately 1000 gallons of liquid creosote product was successfully pumped from Tank 6 (vessel) to Tank 3 (AST). An estimated 1 ½ feet of creosote sludge remains on the bottom of Tank 6, which cannot be mechanically pumped. The sludge will be removed manually and solidified with excavated soil from the site.

As was done with Tank 2 (vessel), a collection area has been dug around the entrance to Tank 6 and was lined with plastic sheeting; the tank's grade will allow sludge and washwater to flow towards the entrance. A large opening has been cut at the end opposite of the entrance, to allow greater ventilation, a second route of access, and more light during decontamination activities.
TCLP results from the 10,000 gallons of rainwater in Tank 5 (AST), which also contains rainwater pumped from Tank 1 (AST), is not hazardous. The Vicksburg Wastewater Treatment Plant (located 22 miles from the site) has reviewed the TCLP results and agreed to allow EPA to discharge this rainwater at its facility. The rainwater will be transported and discharged sometime during the middle of January during the hours between 10am and 2pm; because the Vicksburg POTW is a 10 MGD facility, it is estimated that this load will have no significant effect to the facility.

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. (ONGOING)
- Excavate, stockpile and re-locate the contaminated surface soil. (ONGOING)
- Collect and analyze confirmation samples from the excavated areas.
- Restore and backfill excavated areas with clean fill.
- Conduct additional sampling for waste profiling. (ONGOING)
- Additional sampling to confirm extent and boundary of migrated contaminants.

Next Steps

- Complete demolition of Tank 2
- Begin decontamination of Tank 6
- Dispose of waste material from Tank 3
- Dispose of rainwater mixture from Tank 5
- Begin sampling to delineate the extent of soil excavation

Key Issues

Capitol Environmental Services, Inc. will be managing the creosote product from Tank 3 and will be disposing of it at Energis (formerly Holcim) for fuels blending. In compliance with the RCRA off-site rule, a check of the facility's ability to accept RCRA wastes will be completed and confirmed before the waste is mobilized off-site.

response.epa.gov/hindswood