

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Tuesday, June 1, 2010

From: Stephen Ball

Subject: Removal Action Complete
Southern Pine Wood Preserving
1418 College Avenue, Wiggins, MS
Latitude: 30.8586000
Longitude: -89.1550000

POLREP No.:	7	Site #:	A4YM
Reporting Period:		D.O. #:	
Start Date:	9/14/2009	Response Authority:	CERCLA
Mob Date:		Response Type:	Time-Critical
Demob Date:	3/28/2010	NPL Status:	Non NPL
Completion Date:	3/28/2010	Incident Category:	Removal Action
CERCLIS ID #:	MSD008208886	Contract #	
RCRIS ID #:			

Site Description

Southern Pine Wood Preserving is a 5.5 acre site located at 1418 College Avenue, Wiggins, Mississippi. It is located in a residential area and the property is zoned residential. The nearest residence is located within 200 feet of the site. Surface water from the site flows primarily to the south and southwest to Fourmile Creek.

Operations at Southern Pine included impregnating wood products with creosote and pentachlorophenol (PCP). Operations began in 1960 and ceased in 1984. A dilapidated wooded structure is all that remains on site from the wood preserving operation.

The Mississippi Department of Environmental Quality (MSDEQ) referred the site to EPA in November of 2008. EPA subsequently conducted a Removal Site Evaluation (RSE) to determine if a removal action was warranted. The assessment scope included surface and subsurface sampling, local interviews, and the identification of various environmental and physical hazards at the site.

The RSE revealed significant amounts of source material containing PCP and Polychlorinated Aromatic Hydrocarbons (PAHs) at or near the surface on a large portion of the site. Dioxins were also discovered in limited quantities and limited areas of the site. All contaminants were present at concentrations above EPA Region 4 Removal Action Levels (RALs). Based on these concentrations and other conditions at the site documented in the Action Memo, site conditions meet the requirements for initiating a time-critical removal action according to criteria listed in Section 300.415 (b)(2) of the National Contingency Plan (NCP).

Current Activities

Miscellaneous excavation activities including a small area underneath the former site haul road are complete. Approximately 26,729 tons of contaminated soil was transported off-site for disposal as non-hazardous waste. The soil was transported to the Macland Disposal Center in Moss Point, Mississippi, a state-permitted solid waste landfill.

Backfill activities are complete. A total of approximately 25,000 cubic yards of backfill was brought in and placed on site. A roller/ compactor was used to compact backfill material and aid in controlling runoff as the site grade was reestablished. An effort was made to grade the site such that the original site drainage pathway towards Fourmile Creek was restored.

Additionally, a stream bed was reestablished on the southwestern portion of the site which closely followed the original pathway of Fourmile Creek as indicated on the USGS Topographic Map in the site file. Approximately 360 cubic yards of sand and 100 cubic yards of gravel were used to stabilize the stream bed to prevent erosion while facilitating movement of surface water offsite.

Once removal activities associated with backfilling were completed, the site was prepared for revegetation to include planting of trees suitable for the site and the hydraulic application of mulch and grass seed (hydroseeding). Approximately 50 trees including river birch, live oak, sweet bay magnolia, and bald cypress were planted throughout the site. The majority of the trees were planted primarily on the west and southwest portions of the site in order to aid in erosion control. Once the tree planting was completed, a local hydroseeding company applied an erosion control product containing grass seed.

Finally, the site was secured by the construction of a split-rail, wooden fence along the front of the site.

For more information on the removal action at this site please see the Southern Pine Wood Preserving Removal Action Report.

Removal Action Complete.

Planned Removal Actions

No further removal actions planned.

response.epa.gov/southernpine