



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

MAY 13 2009

Mr. Jerry Banks
Mississippi Dept. of Environmental Quality
P. O. Box 10385
Jackson, MS 39289-0385

Subject: Southern Pine Wood Preserving
Wiggins, Mississippi

Dear Mr. Banks:

The U.S. Environmental Protection Agency's Emergency Response and Removal Branch (ERRB) conducted a Removal Site Evaluation (RSE) at the above referenced site for potential removal action eligibility under the National Contingency Plan (NCP).

Based on the information collected during the RSE, the On Scene Coordinator (OSC) recommends this site be given priority for removal eligibility under EPA's Superfund Removal Program (See enclosed RSE memo). Concurrent with this recommendation, EPA may also begin its enforcement activities to determine potentially responsible parties for this Site.

A final determination of removal eligibility will be made by the OSC assigned to the site. A decision to conduct a removal action will be documented in an Action Memorandum and a copy will be forwarded to the State. Should the OSC make a final determination that a removal action is not warranted you will be subsequently notified of this determination.

Should you have any questions concerning ERRB's determination, please contact Subash Patel, OSC at (404) 562-9217, or Jim McGuire, Chief of Removal Operations Section, at (404) 562-8911.

Sincerely,

A handwritten signature in black ink, appearing to read "A. Shane Hitchcock".

A. Shane Hitchcock, Chief
Emergency Response & Removal Branch

Enclosure

cc: Dawn Taylor
Tony Moore
Jim McGuire
Subash Patel/Timothy Neal
Kerri Sanders

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

Date: Friday, May 01, 2009

From: Subash Patel, OSC

To: Tim Neal, EPA

Subject: Removal Site Evaluation
Southern Pine Wood Preserving
Wiggins, MS
Latitude: 30.8586
Longitude: -89.155

POLREP No.:	1 Site #:	A4YM
Reporting Period:	D.O. #:	
Start Date:	Response Authority:	CERCLA
Mob Date:	Response Type:	Time-Critical
Completion Date:	NPL Status:	Non NPL
CERCLIS ID #:	Incident Category:	Removal Assessment
RCRIS ID #:	Contract #	

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 residents in this area use city water as their source of drinking water.

The facility was a wood preserving company that used creosote and pentachlorophenol. The facility is no longer operating and its equipment is no longer at the site. The facility started operating in the 1950's and ended in the mid 1980's.

The site appears to have a buried, unlined surface impoundment. It was considered clean-closed in the appellate court in 1992.

Current Activities

On February 2, 2009, EPA and Superfund Technical Assessment Response Team (START) arrived on site to conduct a Removal Site Evaluation (RSE). A geoprobe was used to sample soils for constituents related with a creosote facility. Eleven samples were collected from 0'-4', 4'-8' and 8'-16' intervals and sent to a laboratory for analysis.

Additional sampling at the property and at adjacent properties will need to be conducted to completely characterize the site and determine if migration of contaminants may have occurred.

Removal Action Levels (RALs) were exceeded for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoroanthene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene. More results are pending.

The RALs were determined by converting the Regional Screening Levels (RSL) to risk-based

concentrations appropriate for time-critical removal actions. The derived RALs are based upon a residential human health risk of 1×10^{-4} for carcinogens and a Hazard Index of 3 for non-carcinogens.

Planned Removal Actions

Site conditions meet the requirements for initiating a Time-Critical removal action according to criteria listed in Section 300.415 (b)(2) of the NCP:

- Section 300.415 (b)(2)(i): "Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances or pollutants or contaminants." The site is located in a residential area with multiple residences in close proximity to the site. There is no fence or security to keep out children, trespasser, and animals from the Site. Direct contact, ingestion, and inhalation of these hazardous substances are primary pathways of exposure.
- Section 300.415 (b)(2)(iv): "High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate." Sample analysis shows that soils exceed the RALs and pose a threat for both, surface and air migration, through runoff or dust respectively.
- Section 300.415(b)(2)(v): "Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released." The source of contamination appears to be at or near the surface. Existing sample results show that it is likely that contaminants have migrated to adjacent properties.
- Section 300.415(b)(2)(vii) "Availability of other appropriate federal or state response mechanisms to respond to a release." State funds are insufficient. No other governmental entity has funds available to conduct the necessary removal activity.

Due to the threat and/or future threat to human health from the hazardous substance, the Site achieves removal eligibility base on the removal criteria listed above.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
Intramural Costs				
Total Site Costs	\$0.00	\$0.00	\$0.00	0.00%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

www.epaosc.net/southernpine

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