

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Thursday, December 7, 2006

From: Alyssa Hughes

Subject: Initiation of Action

American Creosote

S. Church and Railroad Ave intersection, Louisville, MS

Latitude: 33.1073960

Longitude: -89.0568070

POLREP No.:	2	Site #:	04F2
Reporting Period:		D.O. #:	0207-F4-0029
Start Date:	12/4/2006	Response Authority:	CERCLA
Mob Date:	8/13/2005	Response Type:	Time-Critical
Demob Date:		NPL Status:	NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	MSD004006995	Contract #	68-S4-02-06
RCRIS ID #:			

Site Description

The American Creosote site is an NPL site currently in the feasibility study phase of RI/FS stage. Following the emergency response in August of 2005, the On-Scene Coordinator noted that the removal program has the authority to respond to the presence of creosote waste on the Site. The remedial program enlisted the support of the ERRB in order to address the ongoing threat to which they are unable to respond.

Hughes creek runs through the site, parallel to Railroad Avenue. The contamination of Hughes Creek with creosote from the American Creosote site is well documented. Offsite, at the corner of S. Church Avenue and Railroad Avenue (near the City of Louisville Water Work) the City was constructing a bridge that crosses Hughes Creek. During that construction, the creek was diverted and an excavation pit was dug for the construction of the bridge base. The construction crew piled sediments from the creek bed along side the culvert that diverted the stream.

Construction workers noticed creosote stained soils, complained of creosote odors, and observed a sheen in the rain water that had accumulated in the excavation pit. The construction may have unearthed contaminated sediments. Another possibility is that the diverted stream, carrying creosote, breached the silt fence and berm that separated the excavation pit from the diverted stream. After the rain event, creosote globules in the sediments (and a corresponding sheen on the water) were observed upstream in Hughes creek (from either runoff or the resuspension of contaminated stream sediments). The creek could have deposited creosote when it overflowed the silt fence/berm construction.

A long term solution that deals with the contaminated sediments in Hughes Creek may be beyond the scope of this removal action. At this time, it is the goal of the ERRB to contain the ongoing release of creosote into the Creek. Once the source is controlled, the contaminated sediments will be remediated.

Current Activities

Contractor crews mobilized to the Site on December 4, 2006 in order to begin clearing activities for the planned removal action. Clearing activities include road construction, cutting paths to the Creek, bush hogging areas for sheet pile placement, and construction of material staging areas.

Clearing activities are anticipated to last 2 weeks.

Planned Removal Actions

The proposed actions consist of securing access to potential exposure areas on the Site via signage and fencing, and stabilization of the two source areas. The containment of the source at the former lagoon area will consist of installation of a barrier system between the creek and the source area in order to mitigate the ongoing release into the creek. Once the seepage from the source is controlled; removal, treatment and disposal of creosote contaminated soils and sediments in the wood chip pile area and Hughes Creek

may be addressed.

Next Steps

Crews will continue clearing and placing stones on ground in order to support heavy equipment.

Key Issues

Several areas in the vicinity of the Creek are wet and difficult to traverse with heavy equipment. During clearing activities, a bulldozer encountered a soft spot and got bogged down. The sunken dozer stirred up soils heavily contaminated with creosote.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$850,000.00	\$13,008.00	\$836,992.00	98.47%
Intramural Costs				
Total Site Costs	\$850,000.00	\$13,008.00	\$836,992.00	98.47%

* 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.

response.epa.gov/AmericanCreosote

POLREP #2 Last Updated 12/7/2006