

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Tuesday, May 1, 2007

From: Alyssa Hughes

Subject: Sheet Piling Continues

American Creosote

S. Church and Railroad Ave intersection, Louisville, MS

Latitude: 33.1073960

Longitude: -89.0568070

POLREP No.:	8	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.

Please see Initial Pollution Report for additional information.

Current Activities

During this period the road was completed to the end of the planned wall termination point in order to facilitate crane access over soft and wet terrain.

Operations continue with efforts concentrated on completing the PVC sheet pile wall. Production during this period has increased as a result of replacement of the mandrel teeth that penetrate the ground.

A total number of 402 sheets have been installed to date, for a wall length of 804 linear feet. At the current rate of 20 sheets per day, the wall will be completed no later than Friday, May 4.

Planned Removal Actions

The containment of the source at the former lagoon area will consist of installation of a barrier system, PVC sheet piling, between the creek and the source area in order to mitigate the ongoing release into the creek. The total length of the sheet pile wall is approximately 1000 linear feet. It begins approximately 200 feet east of Hughes Creek, parallel to Baremore Street, and then will extend 800 feet along the banks of Hughes Creek and the unnamed tributary to the north and northeast.

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

Operations will continue in order to complete the PVC sheet pile wall. Following completion of the wall there are several site maintenance issues that will be addressed, including:

- cutting the panels down to grade
- placing copper wire on top of wall for future locating purposes
- covering the wall with fill material and seeding
- managing site drainage with PVC piping and geofabric in existing drainage ditch
- backfilling disturbed areas with clean fill
- mitigating the migration of creosote from contaminated sediments in Hughes Creek

Key Issues

Due to the fact that this time-critical removal action has surpassed the 120 day threshold a Community Response Plan will be required. During the week of April 23, the Removal Community Involvement Coordinator and the On-Scene Coordinator conducted interviews with community members, leaders, and the Mayor of the City of Louisville. The report will be compiled and placed in the Site File.

response.epa.gov/AmericanCreosote