United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Friday, July 17, 2009
From: Richard Jardine

To: Matt Taylor, USEPA R4 ERRB Eric Dear, MDEQ

Subject: Clean-up Progress Status
Waterworks Rd Creosote Site
716 waterworks Road, Columbus, MS

POLREP No.:	2	**Site #:**	A4ZW
Reporting Period:	07/15/2009 to 07/17/2009	**D.O. #:**	
Start Date:	7/15/2009	**Response Authority:**	CERCLA
Mob Date:	7/15/2009	**Response Type:**	Emergency
Demob Date:	7/17/2009	**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:		**Contract #**	
RCRIS ID #:			

Site Description
EPA was notified that a suspect creosote-contaminated storm drainage ditch was disturbed during development activity at a local church in Columbus, Mississippi. Caller identified that neighborhood children were playing in spoils pile, thereby potentially experiencing acute exposures to creosote. EPA OSC Jardine dispatched with ERRS Team Subcontractor USES and START consultant OTIE/TN&A to arrange for appropriate removal action.

Current Activities
EPA and USES met with property owner Reverend Jamison late Wednesday night to verify potential exposures and to size up appropriate response resources.

After resources arrived Thursday morning, USES began excavating potentially contamnated spoils piles and directly loading them into roll-off boxes. OTIE collected materials during excavation process for field screening and ultimate waste profiling.

After spoils materials were loaded and staged on site in roll-off boxes, OSC Jardine and removal team conducted visual survey and minor hand-digging along stream sediments to identify additional suspect materials that may pose future exposure problems. Team identified an oily strata within an approximately 18 inch sediment lens atop the concrete ditch invert. This area was bare at the surface and subject to erosion so OSC Jardine instructed USES to excavate the sediment lens and deposit material into a roll-off box. Approximately 50 cubic yards of material were removed from the concrete channel.

Adjacent to this excavation was similar sediment material, however; the additional sediment was heavily grassed and appeared more stable to resist erosion and exposure of potentially contaminated material. Contaminated strata of excavated material was approximately 12 inches below the surface.

Separately, an additional sample was collected from potentially creosote-contaminated material that is inside of an old riveted section of piping that was removed from the ditch and placed on the property a reported 10 years ago. The material within the pipe smells stongly of creosote.

USES erected orange plastic construction fence around all potentially contaminated materials as a deterrent to future human contact and physical exposures.

Planned Removal Actions
START will arrange for analytical services to complete waste profiling and provide a definitive determination regarding the material remaining on site. The information will be provided to the R4 RCRA Project manager who is providing oversight for RCRA Corrective Actions associated with a nearby wood treatment facility.

Next Steps

EPA will arrange for ultimate treatment/disposal of waste stream as appropriate.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	$50,000.00	$8,000.00	$42,000.00	84.00%
RST/START	$10,000.00	$4,000.00	$6,000.00	60.00%
Intramural Costs				
USEPA - Direct (Region, HQ)	$5,000.00	$1,000.00	$4,000.00	80.00%
Total Site Costs	$65,000.00	$13,000.00	$52,000.00	80.00%

* 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.

response.epa.gov/waterworksrdceosotesite

POLREP #2 Last Updated 7/24/2009