

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

Date: Tuesday, March 21, 2006

From: Terrence Byrd

Subject: Initiation of Action

Caraleigh Phosphate and Fertilizer Works
1600-1750 block of Wheeler Road, Raleigh, NC
Latitude: 35.7583000
Longitude: -78.6608000

POLREP No.:	1	Site #:	A4FS
Reporting Period:	3/13-17/2006	D.O. #:	
Start Date:	3/13/2006	Response Authority:	CERCLA
Mob Date:	3/13/2006	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	NCN000407686	Contract #	
RCRIS ID #:			

Site Description

The Caraleigh Phosphate and Fertilizer Works (the Site) is located in Raleigh, NC. Caraleigh Phosphate was incorporated in 1891 and manufactured fertilizers products. In 1892, the facility burned down and sulfuric acid was released from the warehouse and leached into the city's water supply. Based on historical data, the acid caused a significant fish kill. The facility was rebuilt and used lead-lined acid chambers from 1901 through 1914. The Site is bordered by a gas station, junkyard, and a fast-food restaurant to the west and a city sewer easement to the east. An unnamed tributary of Walnut Creek is also to the east of the Site.

On July 27, 2004, EPA and SESD conducted a removal assessment at the Site. Analytical results were found as high as 34,000 ppm for lead and 2,800 ppm for arsenic. The levels of lead and arsenic in surface soils exceeded the action levels in industrial areas.

Current Activities

On March 13, 2006, EPA's Emergency and Rapid Services contractor, Kemron, mobilized to the Site with equipment and personnel. OSC Franco mobilized to oversee the removal action. During this reporting period, Kemron was tasked to build an access road from the parking lot of the Mason Corporation to the area where the excavation was going take place. Kemron removed brush and trees from the area and several drainage ditches were redirected. Culvert piping will be used in areas that the road crosses over drainage ditches.

During the same week, NCDENR assisted with the deliniation of the contaminated area's outer perimeter. The State provided an XRF to perform field screening. The outer boundaries were marked and Kemron's PM was informed of it.

Planned Removal Actions

Once the access road is completed, Kemron will excavate the contaminated soil, treat it on site and dispose of it at an EPA approved Subtitle D Landfill.

response.epa.gov/Caraleigh