United States Environmental Protection Agency
Region III
POLLUTION REPORT

Date: Sunday, August 1, 2010
From: Michael Towle

Subject: Completion of Removal Action
Lin Electric Company Site
1400 Bluefield Avenue, Bluefield, WV
Latitude: 37.2630900
Longitude: -81.2409500

POLREP No.:	29	**Site #:**	A3CN
Reporting Period:	5/21/10 to 6/30/10	**D.O. #:**	
Start Date:		**Response Authority:**	CERCLA
Mob Date:		**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:	WVN000306141	**Contract #**	
RCRIS ID #:			

Site Description
See previous POLREP information.

The EPA Cleanup contractor was demobilized from the Site on May 27, 2010. The scope of the work contemplated in the Action Memoranda has been completed. The OSC continued removal site evaluation at the Site intending to characterize the potential for TCE-contaminated ground water to facilitate off-Site migration of PCBs from the Site.

The Site Removal Action generally consisted of a number of drums removed from the defunct Lin Electric Company in 2004, followed by removal of remaining drums and plugging of drains discharging PCBs from the Site in 2008, followed by removal of residual contamination and some of the PCB-contaminated drainage features in 2009, and finally by removal of PCB-contaminated filter media from the area waste water treatment plant in 2010. A potentially responsible party (Cooper) assisted with the disposal of residual PCBs materials pursuant to an Order issued by EPA.

Current Activities
Sand filter media removed from the tertiary filters at BSB facility was replaced in all filter beds. Sludge was cleaned out of the chambers comprising the chlorine contact system. Filter media removed from the filter beds was dried and transported off-site for disposal in the Mercer County solid waste landfill. Removal activities at the Bluefield Water Treatment Plant were completed and EPA and ERRS contractors demobilized on May 27, 2010.

On June 1, 2010, EPA START contractors collected groundwater samples from three temporary groundwater monitoring wells that were installed at the Lin Electric Company site. The groundwater samples were collected using low flow procedures. The samples were submitted to EPA-assigned laboratories to be analyzed for volatile organic compounds (VOC) and PCB congeners. The monitoring wells were then plugged and abandoned on June 3, 2010.

On June 11, 2010, the small amount of waste (soil and water) generated as a result of the installation and sampling of the monitoring wells was removed from the Site. The analytical results of the water accumulated from purging the wells indicated levels of volatile organic contamination are present in one or more of the wells.

The results of the ground water volatile organic analyses were received June 30, 2010, and indicate low levels of contamination by trichloroethene (TCE) and other related volatle organic contaminants at the Site. Up to 200 ug/L of TCE was found in the ground water near the former old storm drain near Area 4 (well TW-01). Approximately 40 ug/L of TCE was found in the former degreasing area in Area 1 (well TW-03) and approximately 3 ug/L of TCE was found in the west alley (well TW-02). It should be noted that the water entering TW-01 came from a shallow level and that the bottom of the well was

comparatively dry.

Preliminary results of PCB congeners data was also received June 30, 2010. The results suggest between approximately 3.5 and 24 ng/L of PCBs may be present in the ground water. The higher readings were found in TW-02 and the lower readings were found in TW-01 suggesting that TCE and PCBs magnitude data may not be directly related. The results overal suggest that the ground water at the Lin Electric Site contains some PCBs contamination. The final results were received by EPA on July 14, 2010.

At this time, the scope of work in the Action Memo has been completed.

Planned Removal Actions

No further removal actions are planned for this Site. The remaining ground water contamination can not be definitively linked to a known or suspected remaining source of PCBs contamination at the Lin Electric Site. The remaining contamination may result from more widespread low level contamination of concrete or soil.

Next Steps

Issuance of a Final POLREP.

response.epa.gov/linelectric