

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Monday, September 5, 2005

From: Terry Stilman

To: Terry Stilman, ERRB

Subject: Removal Action Start
East 23rd Battery Avenue Site
East 23rd and North Nebraska Avenues, Tampa, FL
Latitude: 29.0319000
Longitude: -82.6772000

POLREP No.:	1	Site #:	A4JL
Reporting Period:		D.O. #:	
Start Date:	8/20/2005	Response Authority:	CERCLA
Mob Date:	8/20/2005	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	FLN000409761	Contract #	
RCRIS ID #:			

Site Description

The East 23rd Avenue Battery Site is located in the City of Tampa, Florida. The Site is approximately 2 acres in size and consists of three adjacent residential yards. The previous owners of the properties used automotive battery casings as paving material throughout the front, side and back yards of the properties. A nearby resident contacted the Hillsborough County Environmental Protection Commission (HCEPC) regarding the Site. The resident was concerned about a possible link between the presence of the battery casings and elevated blood lead levels in the resident's child. A HCEPC inspection of the Site found the battery casings, and that the battery casings were on-site for some time. During this time the Florida Department of Environmental Protection (FDEP) was also contacted regarding the Site. HCEPC requested EPA conduct a removal site evaluation.

Based on HCEPC's request, EPA's ERRB conducted a removal assessment at the Site on March 19, 2005. Screening for lead in soil was conducted with a portable x-ray fluoroscope (XRF). Based on the levels of lead found during the screening, surface soil samples were collected in and around the yards. During the sampling, battery casings and chips were apparent in all three of the yards.

Analytical results indicated the presence of elevated levels of lead, above removal action criteria, in residential surficial soils at the Site. Levels as high as 2,000 mg/kg and 11,000 mg/kg for lead, were found. EPA's Removal Action Level (RAL) for lead in residential soil is 400 mg/kg.

The East 23rd Avenue Battery Site is at intersection of East 23rd Avenue and North Nebraska Avenue within the city limits of Tampa, Hillsborough County, Florida. The Site is residential.

Current Activities

On July 14, 2005, the EPA Region 4 Waste Management Division Director approved an Action Memorandum establishing a \$575,143 Site Ceiling.

On August 20, 2005, EPA and ERRS met with the homeowners to discuss the pending action.

On September 5, 2005, EPA, START, and ERRS mobilized to the Site to excavate and dispose of the battery casings and contamination associated with the battery casings.

Planned Removal Actions

Excavation and restoration activities are expected to continue. START is on-scene conducting extent of contamination sampling with the portable XRF.

Next Steps

Restoration of the areas will be conducted after excavation has been completed.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$250,000.00	\$5,000.00	\$245,000.00	98.00%
RST/START	\$35,000.00	\$10,000.00	\$25,000.00	71.43%
Intramural Costs				
Total Site Costs	\$285,000.00	\$15,000.00	\$270,000.00	94.74%

* 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/east23rd

POLREP #1 Last Updated 9/20/2005