

United States Environmental Protection Agency
Region VI
POLLUTION REPORT

Date: Tuesday, October 2, 2007

From: Mark Hayes

To: R6 PolRep LA, Response and Prevention Branch
Debbie Dietrich, Office of Emergency Management
Sam Coleman, Superfund Division
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Subject: Final POLREP
Chalmette Mercury Spill
2917 Corinne Street, Chalmette, LA
Latitude: 29.9408900
Longitude: -89.9450500

POLREP No.:	10	Site #:	
Reporting Period:	10/2/07	D.O. #:	0701-007
Start Date:	6/29/2007	Response Authority:	CERCLA
Mob Date:	6/30/2007	Response Type:	Emergency
Demob Date:		NPL Status:	
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	EP-S6-07-01
RCRIS ID #:			

Site Description

On 27 June 2007, the Louisiana Department of Environmental Quality (LDEQ) contacted the EPA Region 6 hotline to report a mercury release at a home in Chalmette Louisiana. The EPA subsequently notified the National Response Center (NRC 840234) of the release. The release was originally reported to the LDEQ by the Children's Hospital of New Orleans, La. The residents' youngest child became ill a few weeks ago and was being treated at the Children's Hospital. After several examinations, the residents brought to the doctor's attention that they recently had found mercury within their home. The child was then tested for mercury poisoning, and tests indicated that the child had mercury levels approximately 40 - 70 times that of normal levels.

On 28 June, START-3 conducted an assessment of the residence. Initial air monitoring conducted by START-3 indicated levels of mercury in air of up to 60 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Based upon the START-3's report, EPA senior management was briefed on the situation. On the morning of 29 June, ERRS was verbally tasked to conduct a site walk that same day utilizing the OSC's warrant authority for emergency actions.

Current Activities

On 3 October 2007, EPA monitored Hg vapor levels within a conex box that is being used to store the resident's personal property. The Personal property was screened during the removal action and was determined safe to keep. Inside the conex box, EPA observed an initial Hg vapor reading of 1.2 $\mu\text{g}/\text{m}^3$ and within 3 minutes the Hg vapor concentration fell to 0.2 to 0.4 $\mu\text{g}/\text{m}^3$.

Planned Removal Actions

As of October 3, 2007 EPA's removal action at the residence has been completed, and no further actions are planned at this time.

Next Steps

None.

Key Issues

The Louisiana Office of Public Health has concerns about the family re-occupying the residence. EPA's cleanup action of the residence was thorough and done per ATSDR Suggested Cleanup Levels.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$200,000.00	\$94,945.67	\$105,054.33	52.53%
START-3	\$61,000.00	\$52,500.00	\$8,500.00	13.93%
Intramural Costs				
Total Site Costs	\$261,000.00	\$147,445.67	\$113,554.33	43.51%

* 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/chalmetteLAmercuryspill

POLREP #10 Last Updated 10/10/2007