

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Wednesday, June 27, 2007

From: Steve Spurlin

To: Anita Davis, Chief, EPA ERRB ORS

Subject: Final Polrep
Helena Chemical Company Fire
1749 North 9th Ave., Humboldt, TN
Latitude: 35.8350000
Longitude: -88.9222000

POLREP No.:	4	Site #:	A4PE
Reporting Period:	4/15-6/27/2007	D.O. #:	
Start Date:	3/27/2007	Response Authority:	CERCLA
Mob Date:	3/28/2007	Response Type:	Emergency
Demob Date:		NPL Status:	Non NPL
Completion Date:	6/27/2007	Incident Category:	Removal Assessment
CERCLIS ID #:	TND044877090	Contract #	
RCRIS ID #:			

Site Description

For site description and previous actions, please refer to previous POLREPs.

Current Activities

During April, May, and June 2007, EPA and the Tennessee Department of Environment & Conservation (TDEC) continued to monitor the cleanup activities at the Site.

Initial actions completed by Helena's contractor, USES, resulted in the generation of 32-20 cubic yard rolloffs of pesticide contaminated soil and 12,000 gallons of contaminated wastewater. Also, an arsenic contaminated waste pile, primarily consisting of seed, was stockpiled and covered on the building slab.

Samples from these wastestreams were collected by Helenas contractor, and the waste remained on-site pending lab results.

The Site was bermed to prevent runoff, and USES has continued to collect potentially contaminated runoff from the berm areas while disposal plans are finalized.

Complications regarding waste characterization delayed the shipment of the rolloff waste; however, the waste was containerized or covered to prevent migration until shipment.

Eventually, disposal arrangements were finalized and the following wastes were transported offsite for disposal:

32 Rolloffs of non-haz, pesticide contaminated soil (18-20 tons/rolloff)
24 trucks (360 tons est.) of non-haz, pesticide contaminated soil
100,000 gallons rainwater to local POTW
10,000 gallons of hazardous wastewater
250 tons of hazardous seed/debris

Removal of the rolloff waste and stockpile allowed Helena's contractor room to complete the remaining actions EPA & TDEC deemed to be priority. These actions included the decontamination of the building concrete slab and excavation of the remaining visually impacted soils along the northern portion of the building.

Helena's contractor has collected confirmation samples in the excavation areas. The data has been provided to TDEC for remediation consideration.

Planned Removal Actions

As of the date of this polrep, Helena has the following planned actions remaining at the Site:

Shipment of the remaining 2000 gallons of hazardous wastewater; complete excavation & disposal of soils contaminated with atrazene.

Remaining excavation is scheduled for 7/9/07

Next Steps

The TDEC continues to take the lead on remaining Site cleanup activities. Helena's contractor continues to maintain the berm and collect wastewater as necessary. Helena will make a final decision regarding site restoration after excavation is completed; however, it is anticipated they will backfill excavation areas and establish cover.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
RST/START	\$15,000.00	\$12,000.00	\$3,000.00	20.00%
Intramural Costs				
USEPA - Direct (Region, HQ)	\$5,000.00	\$3,000.00	\$2,000.00	40.00%
Total Site Costs				
	\$20,000.00	\$15,000.00	\$5,000.00	25.00%

* 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.

Disposition of Wastes

32 Rolloffs (600 tons est.) of pesticide (2,4 D) contaminated soils shipped to BFI-Tunica, MS Landfill

360 tons est. of pesticide (2,4 D) contaminated soils shipped via truck to BFI Tunica, MS Landfill

100,000 gallons of rainwater discharged to Humbolt, TN POTW

12,000 Gallons RCRA hazardous pesticide wastewater shipped to Clean Harbors, El Dorado, Ark.

250 tons RCRA hazardous waste (arsenic) seed/debris to Waste Mang., Emelle, AL.

response.epa.gov/HelenaChemical

POLREP #4 Last Updated 6/27/2007