

United States Environmental Protection Agency
Region VI
POLLUTION REPORT

Date: Friday, January 19, 2007

From: William Rhotenberry

To: Ragan Broyles, Prevention and Response Branch
Debbie Dietrich, Office of Emergency Management

Subject: Soil Excavation with T&D Week #12
Helena Chemical
602 Holland Avenue, Mission, TX
Latitude: 26.2131000
Longitude: -98.3336000

POLREP No.:	28	Site #:	0606
Reporting Period:	01/13-19/2007	D.O. #:	
Start Date:	2/9/2006	Response Authority:	CERCLA
Mob Date:	2/13/2006	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	TXD980625008	Contract #	
RCRIS ID #:			

Site Description

In late September 2006, the U.S. Environmental Protection Agency (EPA) began the removal clean up at the Helena Chemical Company facility (site) in Mission, Texas. The removal action involves digging up the contaminated soil within the on-site facility property underneath a deteriorating asphalt cap.

Current Activities

Excavation of contaminated soil continued in excavation areas #1 through #4. A depth of approximately 1 to 5 feet has been removed from each 25 foot square grid. Maps can be found online in the 'documents' section of this web site. The maps are labeled 'Primary and Secondary Excavation Maps.'

As of January 19, 2007 EPA has excavated and stockpiled approximately 4,000 cubic yards of soil for further analysis and waste characterization. To date, EPA has removed approximately 3,100 cubic yards of contaminated soil for off site transportation and disposal. Additionally, EPA has removed approximately 220 tons of contaminated concrete for off site transportation and disposal. Approximately, 69% of Area #1, 63% of Area #2, 91% of Area #3, and 4% of Area #4 have been confirmed by soil analysis to be below Texas Risk Reduction Program (TRRP) commercial / industrial clean up levels for all contaminants of concern.

Backfill has been placed over excavated areas that have been confirmed below TRRP clean up levels. Approximately, 25% of Area #1, 27% of Area #2 and 91% of Area #3 has backfill in place.

Excavated soils are being stockpiled on Site for further analysis and waste characterization. A plastic sheathing is being used to cover all stockpiles and excavated holes on Site to minimize offsite migration of odors, dust, and the potential for contaminated storm water runoff. A frac tank has been mobilized on Site and will be used for containment and water quality sampling of any potentially contaminated storm water. Approximately 37,000 gallons of storm water runoff that is being stored in two tanks on Site has been sampled and cleared for transportation and treatment at the City of Mission publicly owned treatment works (POTW) facility.

A network of air monitoring and air sampling devices have been deployed during work hours in the neighboring community around the Site and on Site to ensure air quality standards are met. All data will be made available to the public immediately after a through laboratory analysis is completed. Air monitoring and sampling is also being conducted at excavation and stockpile areas on Site to ensure air quality standards are met and that engineering controls are adequately preventing the off-site migration of contaminants.

To date, a total of 682 air samples particulate and gaseous phase air samples, 67 composite soil samples,

2 sludge/sediment, and 2 water samples have been submitted to a fixed laboratory for analysis. All pesticide particulate and vapors levels on-site and in the surrounding community have been below the site-specific action levels.

An EPA community office trailer is available on Site. A map which will have updated daily information on particulate air monitoring data is being posted next to the entrance of the office trailer for the public to stop by and view. This information will also be available in hard copy and electronic format. The office is open to allow community members an opportunity to speak with an EPA representative in person about any questions or concerns they may have about ongoing Site activities. This office has up to date and current information available in both English and Spanish.

Planned Removal Actions

Review soil analysis for waste profiling and characterization.

Transportation and disposal of contaminated soil from Site.

Coordinate with the City of Missoula's POTW for the treatment / processing of storm water collected on Site.

Next Steps

Continue excavation of contaminated soil underneath asphalt cap.

Continue to conduct air monitoring and sampling on Site and in the community.

Continue off site transportation and disposal of contaminated soil.

Key Issues

Health and safety concerns have been raised about dust that may be potential contaminated migrating offsite during the clean up process.

An extensive network of air monitoring and air sampling safe guards are being utilize on Site and within the neighboring community. All scientific data will be quickly analyzed and made public for city and community leaders to review and discuss with the EPA. Dust control techniques are being used during soil excavation to reduce and / or eliminate offsite migration of dust.

EPA is committed to the public health and safety of its workers and the neighboring community. Results of the air monitoring and air sampling have indicated that the dust control measures taken are effective.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
Intramural Costs				
Total Site Costs	\$0.00	\$0.00	\$0.00	0.00%

* 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.

response.epa.gov/helenachemicalmission

POLREP #28 Last Updated 1/19/2007