

**United States Environmental Protection Agency
Region V
POLLUTION REPORT**

Date: Monday, December 5, 2005

From: Jon Gulch

To:	Sam Borries, U.S. EPA	Jason El-Zein, U.S. EPA
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	John Hahn, USCG	Michelle Bas, USCG
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	Don Bussey, EPA	Mike Gerber, Ohio EPA
	Kevin Clouse, Ohio EPA	Timothy Murphy, City of Toledo
	U.S. Coast Guard Case Officer, USCG	Alex Tzallas, US EPA

Subject: Continuation of PRP Removal Actions

Delta Fuels
1820 Front St, Toledo, OH
Latitude: 41.6586000
Longitude: -83.5047000

POLREP No.:	2	Site #:	Z5FG
Reporting Period:	December 1-5, 2005	D.O. #:	
Start Date:	11/29/2005	Response Authority:	OPA
Mob Date:	11/29/2005	Response Type:	Emergency
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	
RCRIS ID #:		Reimbursable Account #	
FPN#	E06502		

Site Description

See POLREP #1 for a full description of the Site.

Current Activities

On December 1, 2005, the PRP contractors continued clean-up activities by vacuuming free product from the diked areas; however, it was discovered that the northern containment dike was breached and a release of the product continued east of the ASTs. It was also discovered that the product infiltrated the storm sewer system. As of December 1, the PRP estimated that 12,700 gallons of product was recovered.

On December 2, the PRP contractors placed four plugs within the storm sewer to prevent the product from moving up-gradient or down-gradient within the storm sewer system. The sewers were flushed with water and the liquids were vacuumed and staged in fractionation tanks on site. Contractors also began excavation along the eastern dike. Free product and groundwater from the excavation was collected with vacuum trucks and staged in fractionation tanks on site. Excavated soils were staged on plastic south of the tank farm. Air monitoring for volatile organic compounds (VOC) was conducted by U.S.EPA Superfund Technical Assessment and Response Team (START) contractors with a photoionization detector (PID). Concentrations directly within the excavation work area ranged from 0.0 to 12.2 parts per million (ppm). Concentrations within the sewer ranged from 0.0 to 350 ppm. No concentrations of VOC above background were observed in the residential area north of the release area.

On December 3, excavation and vacuuming activities by the PRP contractors continued. During excavation activities along the north dike a waterline was found and the water was turned off. START

continued air monitoring and no concentrations of VOC were observed above background outside the immediate work area. Air monitoring contractors for the PRP (CTEH) arrived on-site to begin setting up perimeter air monitoring with AreaRaes and Integrated Sampling Methods (laboratory analysis) and Colorimetric Tubes (specific for Benzene).

On December 4, the PRP contractor commenced perimeter air monitoring and no VOC concentrations above background were observed in the residential area north of the release area. Excavation activities continued during the daylight hours. Vacuum trucks were used to continue to remove product from excavations and product and water from the storm sewer lines.

On December 5, an additional continuous air monitoring station was installed within the construction area of the I-280 overpass. The PRP contractor had a mobile air monitoring unit conduct air monitoring in the surrounding neighborhood. A downwind monitoring station had detectable levels of VOCs while excavation activities located inside the tank farm occurred, however all readings were below levels considered harmful to human health. Vacuum trucks were used to collect product and water from site excavations and sewer lines. START collected GPS locations of all GeoProbe locations, storm sewer manholes, excavation boundaries, and other necessary benchmarks needed to produce GIS mapping for the Site.

Planned Removal Actions

- Continue GeoProbe activities to determine possible migration pathways and to define extent-of-contamination of the release.
- Continue excavation activities around stormsewer systems to determine contamination migration pathways.
- Continue vacuum truck operations in the stormsewer systems.
- Continue excavation and trenching activities to investigate and recover free product.
- Remove the waterline to the north of the facility.
- Begin discussions on the possibility of a long-term engineered product recovery system.
- Begin discussions with the State of Ohio (adjacent impacted property owner) on clean-up levels.

Next Steps

U.S.C.G. has released federal oversight authority to the U.S. EPA, with continued involvement by the U.S.C.G., Ohio EPA, and Ohio DOT.

Key Issues

Elevated VOC and LEL readings were observed near construction activities for the I-280 bridge. Construction activities were halted while volatiles were suppressed.

Disposition of Wastes

Collected liquids will be transported to Usher Oil in Detroit, Michigan for final disposal. At this time no liquids or excavated soils have left the site.

response.epa.gov/deltafuels