

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

**Date:** Tuesday, June 20, 2006

**From:** Jon Gulch

<b>To:</b>	Sam Borries, U.S. EPA	Jason El-Zein, U.S. EPA
	Carl Norman, U.S. EPA	Mindy Clements, U.S. EPA
	Beverly Kush, U.S. EPA	Tom Krueger, U.S. EPA-ORC
	Randa Bishlawi, U.S. EPA	Valencia Darby, Department of Interior
	Joe Ulfig, U.S. EPA	Thomas Marks, U.S. EPA
	Mick Hans, U.S. EPA	John Glover, U.S. EPA
	Isalee Coleman, U.S. EPA	Yolanda Bouchee-Cureton, U.S. EPA
	Carol Ropski, U.S. EPA	Barbara Carr, U.S. EPA
	John Hahn, USCG	Michelle Bas, USCG
	Patricia Cooley, USCG	Duty Officer, USCG
	Scott Shane, Ohio EPA	Scott Nally, OEPA
	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 Removal Activities

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

<b>POLREP No.:</b>	13	<b>Site #:</b>	Z5FG
<b>Reporting Period:</b>	5-1-06 to 6-13-06	<b>D.O. #:</b>	0064-S5-03-06
<b>Start Date:</b>	11/29/2005	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	11/29/2005	<b>Response Type:</b>	Emergency
<b>Demob Date:</b>		<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>		<b>Contract #</b>	68-S
<b>RCRIS ID #:</b>		<b>Reimbursable Account #</b>	
<b>FPN#</b>	E06502		

**Site Description**

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

**Current Activities**

From May 1-29, the BOA contractor continued dewatering of the site through the use of vacuum trucks at various locations around the site (this activity was being performed while the new RP contractor mobilized to the site to begin response activities). Locations included the storm sewer system that runs parallel to the ODOT construction site for I-280; near the former ODOT mass excavation; and on-site in the tank farm. The BOA contractor also maintained the absorbent and hard booms at the Maumee River outfall. From May 30-June 28, the BOA contractor concentrated on the dewatering of the off-site storm sewer system while plans for a dual phase vapor/product recovery system were developed by the ERRS contractor. The ERRS contractor maintains and operates a mobile waste water treatment system and continues to treat, discharge and record water discharge to the Maumee River. From May 1-31, approximately 828,284 gallons of treated water was discharged to the Maumee River during this time period. START personnel used the AreaRAE air monitoring system to monitor the ambient air around the perimeter of the site. Three stations were set up along the eastern perimeter to monitor the air near the residential neighborhood, while the fourth station was setup along the western perimeter. Each unit is calibrated daily. Start personnel also monitors and documents air monitoring at off-site manholes and recovery wells with a multi-rae and at various locations around and on the site.

On May 1 to May 4, the RP's consultants conducted geo-probe activities along with Ground Penetrating Radar activities (GPR). The RP's consultant installed two temporary monitoring wells on-site. A total of 18 soil borings and two temporary monitoring wells were installed on site.

On May 8th the ERRS contractor changed out carbon vapor canisters for waste water treatment plant (WWTP) due to detected elevations in the effluent being discharged to the Maumee River.

From May 9-10, the RP's contractors installed a "pilot- scale" soil vapor extraction system on-site to reduce the potential for off-site air releases from the soil. The System consisted of two trenched areas approximately 4.0 feet below ground level (BGL) by 22.0 feet long and composed of 5-foot long 2 inch diameter PVC. This system was never put into operation due to permit requirements and the necessity to dewater the site.

On June 19, 2006 the RP hired new contractors (Tri County Services & Rentals, Inc. and ECT) to mobilize and begin construction of a geo-membrane (synthetic liner) that will be installed around the perimeter of the site. Workplans and Health and Safety Plans are still pending review by EPA.

#### **Planned Removal Actions**

ERRS contractor will remove product in the bedding of the ODOT Sewer System to prevent migration to the Maumee River. A Dual (water and gas) Vapor Recovery System (DVES) along the ODOT storm sewer system both north and south of the former mass excavation is planned.

BOA contractor will continue to de-water the ODOT storm sewer system to prevent migration of gasoline to the Maumee River.

The new RP consultant will submit Work Plans and Health and Safety Plans to the EPA for review. The Work Plans will include installation of the perimeter geo-membrane system to stop migration of product off-site.

#### **Next Steps**

- The BOA contractor will continue the de-watering of the off-site storm sewer system monitoring activities at the Maumee and participate in Site Safety.
- The ERRS contractor will continue to treat and discharge water collected from the off-site sewer system in the on site waste water treatment system.
- The ERRS contractor will continue to finalize and implement the Work Plans for the off-site soil/vapor recovery system.

#### **Key Issues**

As of May 13, 2006 - 20,200 gallons of product have been recovered from various locations around the site and the storm sewers.

#### **Disposition of Wastes**

<b>Waste Stream</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Disposal Facility</b>
Surface Water Treated On-site	32,807 gallons		Maumee River
Surface Water Treated On-site	22,490 gallons		Maumee River
Surface Water Treated On-site	25,408 gallons		Maumee River
Surface Water Treated On-site	25,422 gallons		Maumee River
Surface Water Treated On-site	10,611 gallons		Maumee River
Surface Water Treated On-site	42,356 gallons		Maumee River
Surface Water Treated On-site	14,919 gallons		Maumee River
Surface Water Treated On-site	43,317 gallons		Maumee River
Surface Water Treated On-site	40,297 gallons		Maumee River
Surface Water Treated On-site	34,292 gallons		Maumee River