

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

**Date:** Tuesday, October 10, 2006  
**From:** Jon Gulch

**To:** Sam Borries, U.S. EPA  
Carl Norman, U.S. EPA  
Beverly Kush, U.S. EPA  
Randa Bishlawi, U.S. EPA  
Joe Ulfig, U.S. EPA  
Mick Hans, U.S. EPA  
Isalee Coleman, U.S. EPA  
Carol Ropski, U.S. EPA  
John Hahn, USCG  
Patricia Cooley, USCG  
Scott Shane, Ohio EPA  
Don Bussey, EPA  
Kevin Clouse, Ohio EPA  
U.S. Coast Guard Case Officer, USCG  
Jason El-Zein, U.S. EPA  
Mindy Clements, U.S. EPA  
Tom Krueger, U.S. EPA-ORC  
Valencia Darby, Department of Interior  
Thomas Marks, U.S. EPA  
John Glover, U.S. EPA  
Yolanda Bouchee-Cureton, U.S. EPA  
Barbara Carr, U.S. EPA  
Michelle Bas, USCG  
Duty Officer, USCG  
Scott Nally, OEPA  
Mike Gerber, Ohio EPA  
Timothy Murphy, City of Toledo  
Alex Tzallas, US EPA

**Subject:** Continuation of RP/Fund Lead Removal Action  
Delta Fuels  
1820 Front St, Toledo, OH  
Latitude: 41.6586000  
Longitude: -83.5047000

<b>POLREP No.:</b>	17	<b>Site #:</b>	Z5FG
<b>Reporting Period:</b>	10/10/06 - 11/3/2006	<b>D.O. #:</b>	0064
<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-S5-03-06
<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 October 10 – November 3, 2006, the EPA BOA contractor continued to de-water the off-site sewer system, which was impacted from petroleum released during the initial spill. This water frequently contains a petroleum sheen and/or gasoline odor, therefore cannot be directly discharged to the Maumee River. The BOA contractor also continues to maintain absorbent booms throughout off-site sewer system to prevent discharge of petroleum to the River; maintain air plugs that are positioned to stop the migration of product/water through the sewer system; and to maintain slick bar and absorbent booms at the outfall pipe at the banks of the Maumee River. The EPA ERRS contractors continue to operate and maintain an on-site (in-situ) waste water treatment plant (WWTP) to treat and discharge contaminated water from the off-site sewer system. To date 4,234,319 gallons of contaminated water has been treated by the EPA's on-site WWTP.

From October 10 – October 11, 2006, RP contractors continued to drain and cold-cut aboveground pipelines between the AST's and fueling rack. One 8-inch pipeline and two 3-inch pipelines were drained, cold-cut, and plugged approximately 20 feet south of the northern earthen dike wall.

From October 11 – October 13, 2006, RP contractors began draining and cutting Wolverine diesel fuel pipelines located on the northwest corner of Delta property. Wolverine representatives observed and assisted RP contractors throughout this process. Three separate pipelines were located within a 20 square foot area north of the Delta warehouse building. All three Wolverine pipelines were disconnected and 1 to

2 foot section of each pipe was removed using a pneumatic powered reciprocating saw. Blind flanges were attached to the end of the pipes leading towards the active Wolverine pipeline. RP contractors abandoned the three Wolverine pipelines on Delta property to the south by inserting fresh clay one foot into each pipeline followed by one foot of solid concrete.

From October 16 - October 27, 2006, RP contractors continued to drain and remove buried pipelines north of the existing earthen dike wall. Contractors removed approximately 240 feet of 12-inch pipe, 290 feet of 6-inch pipe and 90 feet of 4-inch pipe containing gasoline, diesel and ethanol product. Contractors also removed several 2-inch and 3/4-inch electrical conduits located adjacent to the buried pipelines. START and RP contractors observed that gasoline product was discharged from one of the cut 2-inch electrical conduits between the earthen dike and the fueling rack.

From October 30 - November 3, 2006, RP contractors began excavation work to continue installation of the geo-membrane liner along the northern perimeter. Approximately 230 feet of liner was installed along the northern perimeter, and the base of the liner was "toed" into the native clay approximately 14 feet below ground surface. Additional RP contractors began constructing a 30' x 20' structure southeast of the fueling rack to house an on-site waste water treatment plant (WWTP). On November 3, 2006, the existing RP on-site WWTP was inoperable due to freezing overnight temperatures. EPA representatives accepted 3,000 gallons of waste water generated by RP contractors into the EPA site WWTP to ensure that water treatment and discharge would continue uninterrupted.

#### **Planned Removal Actions**

The RP will continue the excavating/trenching and installation of a geo-membrane (40 mils) around the perimeter of the petroleum distribution facility (including railroad unloading racks) and treating on-site water for discharge to the City of Toledo's sanitary sewer system (under a discharge permit during construction phase). In addition, RP contractors are building a permanent waste water treatment facility.

The EPA ERRS contractor will continue to treat off-site contaminated water and continue to operate and monitor the Dual Vapor Extraction System (DVES) to address the off-site contamination of the ODOT sewer system.

The EPA START Contractor will continue to provide oversight of the RP contractor/consultant during the installation of the geo-membrane liner.

The EPA BOA contractor will continue de-watering operations at the ODOT storm sewer system and maintain all necessary air plugs and absorbent booms located throughout the system.

#### **Next Steps**

Continuation of the EPA Oversight of the RP contractor geo-membrane liner installation.

Continuation of operation of the Dual Vapor Extraction System (DVES) around the off-site sewer system and water collection/treatment.

#### **Key Issues**

Enbridge Pipeline has successfully extended and modified an existing Temporary Restraining Order (TRO) by Consent that will require Delta Fuels to remove the Geo-Synthetic Liner (40 mil HDPE) from the south end of the pipeline (as it enters Delta Fuels) and use an impermeable clay barrier in the Right-of-Way. In addition, Delta fuels will excavate several trenches on-site to determine potential impact to the Enbridge Pipeline caused by the gasoline spill. The RP contractors/consultant will submit and new Work Plan detailing the procedures that will be implemented during the week of November 13, 2006.

The RP contractors/consultants will also modify the existing Scope-of-Work and Project Timeline to include these tasks. It is anticipated that the installation of the Geo-Synthetic liner system, including the new work associated with the Enbridge Pipeline, will be completed by November 22, 2006.

#### **Disposition of Wastes**

<b>Waste Stream</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Disposal Facility</b>
Non Hazardous - Non Regulated Carbon	13.14 Tons	00001	Evergreen Landfill 2625 E Broadway Northwood, OH 43619

Non Hazardous - Non Regulated Soil and Water	6.55 Tons	00002	Evergreen Landfill 2625 E Broadway Northwood, OH 43619
Waste Flammable Liquids, N.O.S., 3, UN 1993, PGII, (D001)	3972 Gallons	001725434 JKK	Petro-Chem Processing 421 Lycaste X Detroit, MI 48214

[response.epa.gov/deltafuels](http://response.epa.gov/deltafuels)