

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

**Date:** Wednesday, October 22, 2008

**From:** Jon Gulch

<b>To:</b> David Chung, U.S. EPA	Jason El-Zein, U.S. EPA
Linda Nachowicz, U.S. EPA	Mark Durno, U.S. EPA
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Duty Officer, USCG	Kevin Clouse, Ohio EPA
Christy Casey, USCG-MSU Toledo	Timothy Murphy, City of Toledo
Michael Chezik, DOI	Patricia Krause, U.S. EPA
LCDR Adkins, USCG-NPFC	Steve Thomson, Ohio DNR

**Subject:** Final POLREP  
Sunoco Pipeline Oil Spill  
North of Starr and East of I-280, Toledo, OH  
Latitude: 41.6464000  
Longitude: -83.4978000

<b>POLREP No.:</b> 4	<b>Site #:</b> Z5GF
<b>Reporting Period:</b> April 3, 2008-October 10, 2008	<b>D.O. #:</b>
<b>Start Date:</b> 3/20/2008	<b>Response Authority:</b> OPA
<b>Mob Date:</b> 3/20/2008	<b>Response Type:</b> Emergency
<b>Demob Date:</b> 10/10/2008	<b>NPL Status:</b> Non NPL
<b>Completion Date:</b> 10/10/2008	<b>Incident Category:</b> Removal Action
<b>CERCLIS ID #:</b>	<b>Contract #:</b>
<b>RCRIS ID #:</b>	<b>Reimbursable Account #:</b> 2008HR05F0XGF302D91C
<b>FPN#</b> E08508	

**Site Description**

See POLREP #1 for a full Site Description.

**Current Activities**

From April 3-25, 2008, the following objectives were completed by the RP and contractors:

Site 1 (8" pipeline excavation/wooded area):

Completed installation of automated sump recovery system within 8" pipeline excavation and nearby wooded area. Contractors will monitor frac tank levels and periodically transport to the Sunoco Refinery for proper disposal/recovery and total spill volume calculations; and

Maintained vacuum truck activities (as needed) within pipeline excavation and nearby wooded areas

Site 1A (Poplar/CSX Railroad Swale):

Utilized sewer camera to complete investigation of affected City of Toledo Storm Sewer and Sanitary Sewer System through Ravine Park leading to Van Buren Street via sewer camera. Completed jet-rodding activities through same system;

Integrated oil water separator into the City of Toledo sewer system. Completed removal of visually impacted soils around french drain recovery system and nearly completed restoration activities;

Maintained vacuum truck operations (as needed) at oil water separator and associated temporary recovery wells and throughout neighboring Ravine Park (manholes) leading up to Van Buren Street; and

Operational Areas (weir locations, absorbent boom locations, filter box locations):

Van Buren Street weir location:

Maintained absorbent booms and replaced as needed. Maintained effectiveness of weir with Vacuum truck activities routinely skimming sheen from retention 'pit'. Drained pit and removed built-up sediment. Scraped approximately 6-8 inches below ground surface (BGS) of impacted soil/vegetation from both sides and middle of natural swale.

Oregon Training Center 'Swale' location:

Maintained absorbent booms and replaced as needed. Scraped approximately 3-5 inches BGS of impacted soil/vegetation from both sides and middle of natural swale. Stepped out scrapping from both sides of swale approximately 20-30' until field "sheening test" eliminated re-surfacing product. Staged and disposed of spoils.

Drainage ditch leading from Oregon Training Center 'Swale' to Seaman Road/City of Toledo storm sewer system South of Seaman and West of Wheeling:

Maintained both weirs for effectiveness. Absorbent booms and pads were maintained and replaced, as needed. Provided vacuum truck skimming activities. Maintained filter boxes containing oil/sheen absorbing granules (Rubberizer Filter Media). Scraped approximately 2-4" BGS in various sections of ditch containing impacted sediment, staged and disposed of spoils. Installed a hundred foot section of geo-textile fabric and large aggregate stone along sides and within the bottom of the ditch leading directly to the city storm sewer system.

Seaman Road Bridge East of Wheeling at Otter Creek:

Absorbent booms and pads maintained and replaced as needed in addition to poly-vinyl booms. Maintained vacuum truck skimming activities.

Yarrow Street bridge at Otter Creek:

Maintained absorbent booms and replaced as needed. Maintained poly vinyl boom, repositioned, as necessary.

Corduoy Street bridge at Otter Creek:

Maintained vacuum truck skimming activities. Maintained absorbent booms and replaced, as necessary.

Otter Creek at mouth of Maumee River:

Maintained multiple absorbent booms and poly vinyl booms. Routinely collected miscellaneous debris behind absorbent boom. Due to lack of consistent sheen and product at this location, the need for absorbent booms and poly vinyl boom was deemed not to be necessary. RP continued visual "spot checks" on a daily basis.

RP contractors removed absorbent booms and poly vinyl booms at all operational areas and performed visual spot checks along oil migration pathways and along Otter Creek.

From April 25-October 10, 2008, the RP finalized a Work Plans and a Sampling and Analysis Plan and submitted documents for review and acceptance by U.S. EPA and Ohio Environmental Protection Agency (OEPA). The finalized plans will guide the Removal/Remedial Actions in areas affected by oil contamination.

### **Planned Removal Actions**

Areas of gross contamination (Site 1 and 1A) will be characterized by sub-surface analysis and cleaned to appropriate levels based on the State of Ohio Petroleum Contaminated Sites Guidance Document for Emergency Response Actions

Impacted areas will be restored to pre-spill conditions.

**Next Steps**

Mobilization of equipment and personnel to conduct Phase II sub surface investigation

**Key Issues**

On October 10, 2008, U.S. EPA and OEPA agreed in principle to the Work Plan and Sampling and Analysis Plans submitted by the RP to the agencies.

OEPA will be the lead agency involved in oversight and confirmation of remedial actions conducted at the impacted areas.

U.S. EPA will continue to provide technical assistance if requested by OEPA.

Sunoco along with designated consultants and contractors expect to start sub surface investigation activities in November 2008

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