

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Lewis Transport US Highway 25 Tanker Spill - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #2
Polrep No. 2 and Final
Lewis Transport US Highway 25 Tanker Spill
E14407
Crittenden, KY
Latitude: 38.7930890 Longitude: -84.5967940

To:
From: Art Smith, On-Scene Coordinator
Date: 4/9/2014
Reporting Period: 10/24/2013 through 3/26/2014

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: OPA	Response Type: Emergency
Response Lead: PRP	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit: NA
Mobilization Date: 10/22/2013	Start Date: 10/22/2013
Demob Date:	Completion Date: 3/26/2014
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#: E14407	Reimbursable Account #: Z4WY

1.1.1 Incident Category

Transportation-related

1.1.2 Site Description

1.1.2.1 Location

The incident location is at 15910 Dixie Highway, Unincorporated Kenton County, KY.

1.1.2.2 Description of Threat

A single-vehicle transportation accident occurred when a tanker truck loaded with 8,600 gallons of unleaded gasoline went off the road going southbound on U.S. Highway 25 at the intersection with Derby Drive and Old Lexington Pike. The tanker rolled off into a field and discharged approximately 3,500 gallons of gasoline onto the land surface. The driver was transported to the hospital with minor injuries.

The release posed a substantial threat of an oil discharge potentially affecting a drinking water intake along the surface water pathway to navigable waters. The drinking water intake is on Bullock Pen Lake, which is located 2.5 miles downgradient of the site via an unnamed tributary. Approximately 26 miles further downstream along the continuous surface water pathway is the Ohio River, a navigable water of the United States.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

OSC Smith was dispatched by the Region 4 Duty Officer at 1400 hrs. EDT at the request of the Kentucky Department for Environmental Protection (KDEP), and arrived onscene at approximately 1615 hrs. EDT. Upon arrival, the OSC was briefed on the incident by local and state officials. At that time, the gasoline spill had saturated soils in the immediate vicinity of the wrecked tanker, and had flowed down hill about 200 feet in a southwesterly direction to a drainage ditch running at the foot of a railroad embankment. Gasoline product was dammed up at that point behind a berm constructed by a public works crew. Reconnaissance by the OSC and the KDEP indicated that the spill had not migrated further, based on a lack of gasoline product at the entrance and exits to a nearby culvert passing beneath the railroad embankment.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On 10/25/2013, the OSC returned to the site when the Responsible Parties (RP) consultant (Potesta and

Associates, Inc.) informed the OSC that free product had been observed in several temporary monitoring wells constructed downgradient of the wreck site. The OSC took photographs of gasoline floating on top of water in a bailer. The OSC and Potesta performed recon downstream in the surface water body, and established 3 monitoring points to evaluate for the presence of a sheen.

On 11/20/2013, EPA ERT member Powell supervised excavation of test pits near the wreck site in an attempt to find areas where gasoline product may have migrated. A recovery trench was completed in an area with strong gasoline odors and several thousand gallons of fluids were recovered. From this date forward until the end of the 2013 calendar year, no additional gasoline product was observed anywhere onsite and product recovery operations were suspended at that point.

Also on 11/20/2013 and 11/21/2013, a total of 1,038 tons of contaminated soils were excavated and disposed of by the RP's contractor.

On 3/26/2014, Potesta submitted a "Summary of Stream Monitoring and Sampling" report. In that report, Potesta documented the presence of subsurface contaminant migration to an off-site location as revealed through groundwater sampling conducted in March 2014. However, there has been no evidence of an actual discharge to surface water at any of the established stream time monitoring points from October 2013 through the date of this report. Potesta reported that contact had been made with the Bullock Pen Water District concerning the discovery of trace amounts of BTEX compounds in off-site groundwater. However, these sample results do not indicate a significant threat to the drinking water utility. Based on this information, the OSC has determined that the oil removal action is complete at this time. The remainder of any onsite remediation or off-site monitoring will be under the direction of the KDEP.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The Responsible Party (RP) is Lewis Transport, Inc. out of Campbellsville, KY.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

No information available at this time.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.