

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #1
Initial Polrep
Lewis Transport US Highway 25 Tanker Spill
E14407
Crittenden, KY
Latitude: 38.7930890 Longitude: -84.5967940

To:
From: Art Smith, On-Scene Coordinator
Date: 10/24/2013
Reporting Period: 10/22/2013 through 10/23/2013

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:
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

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

Environmental (Gra-Kat) out of Shelbyville, KY to mitigate the effects of the discharge. In addition to recovering approximately 1,000 gallons of product on October 22, Gra-Kat also constructed an earthen underflow dam in the drainage ditch to impound any residual gasoline product migrating along the land surface. As of October 23 at 1200 hrs. EDT, no gasoline product had accumulated behind the underflow dam.

On October 23, Gra-Kat excavated a 4 foot deep trench to intercept any gasoline product migrating through the subsurface away from the spill site. As of October 23 at 1200 hrs. EDT, there was only a small seep of gasoline product which was accumulating in a single spot within the trench. The indications are that the gasoline has largely saturated a significant volume of soil at the site which will require removal under KDEP oversight and direction.

On October 23, the OSC demobilized from the spill site at approximately 1200 hrs.EDT

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

See preceding paragraph

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

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

The RP's insurers (Tennco Services) retained Potesta and Associates (Potesta) out of Charleston, WV to characterize the extent of contamination. Potesta indicated that a drilling crew would be onsite on October 24 to set temporary wells in order to evaluate a potential subsurface migration pathway.

2.2.1.2 Next Steps

2.2.2 Issues

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

3.1 Unified Command

Piner-Fiskburg Fire Department (IC), Kenton County Emergency Management, KDEP, US EPA

3.2 Cooperating Agencies

Kentucky Motor Vehicle Enforcement, Kenton County Sheriff's Department, other responding firefighters through Mutual Aid

4. Personnel On Site

EPA OSC - 1

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.