

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Moodyville Road Oil Spill - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #4  
RP Clean up Efforts Continue  
Moodyville Road Oil Spill  
  
Byrdstown, TN  
Latitude: 36.5638727 Longitude: -85.1080903

**To:**  
**From:** Perry Gaughan, OSC  
**Date:** 12/4/2010  
**Reporting Period:** 11/02/2010 thru 11/30/2010

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	Z4TJ	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	OPA	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	9/14/2010	<b>Start Date:</b>	9/14/2010
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

Oil Pollution Act (OPA) crude oil spill of approximately 30 barrels.

#### 1.1.2 Site Description

On Tuesday, Sept 14th 2010, TDEC Oil and Gas' Jeff Patton reported a significant oil spill along an unnamed creek to the Wolf River east of Byrdstown, Tennessee. Upon inspection the OSC found that approximately 20 - 30 barrels (700 gallons) of crude oil had leaked from a storage tank along Moodyville Road.

The crude oil has leaked into a limestone formation under the storage tanks and into a fresh water spring leading to the creek. The oil lease is operated by Ohio Kentucky Oil Corporation of Lexington, Kentucky and they have assumed responsibility for the spill. The OSC continues to coordinate the response clean up effort with the responsible party, Ohio Kentucky Oil and TDEC's Jeff Patton. Ohio Kentucky Oil's Chief Operations Officer, John Spalding has committed to clean up the spill along the 400 yard stretch of the creek before it enters the Wolf River.

During the week of October 11th, 2010, Ohio Kentucky Oil arranged for the excavation and staging of approx 20 cubic yards of oil saturated soil and the removal of the affected tank. During tank removal, a two inch hole was noted on the under-surface of the tank. (see images section)

##### 1.1.2.1 Location

The oil spill is located along Moodyville Road approximately 2 miles east of Byrdstown, Tennessee. The spill was contained to an unnamed creek to the Wolf River east of Dale Hollow Lake in Pickett County.

##### 1.1.2.2 Description of Threat

Crude oil leak from a storage tank battery along Moodyville Road east of Byrdstown, Tennessee to a fresh water spring and unnamed creek to the Wolf River and Dale Hollow Lake watershed area of Pickett County, Tennessee.

##### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

## 2. Current Activities

### 2.1 Operations Section

**2.1.1 Narrative**

**Tuesday, November 9th, 2010**

The OSC again inspected Ohio Kentucky Oil's clean up efforts along the unnamed creek to the Wolf River. Clean up contractors had recently switched out boom and absorbent pads along the creek and from the upgradient pool near the Jones home. A small amount of oil continues to stream from the spring behind the Jones residence and no significant rainfall has occurred recently. Crude oil odor is notable from the spring area. Mr. Jones was present during this inspection and continues to be concerned about the time required to flush the crude from his spring.

**Tuesday, November 23rd, 2010**

The OSC conducted another inspection of Ohio Kentucky's clean up efforts. On this day, significant rainfall began at approx 06:30 hours and crude was still noticed coming from the spring behind the Jones home. Boom most likely placed the previous week was saturated at the uphill locations. The inspection occurred at 0700 hours and Mr Jones was not present during this inspection.

The OSC updated TDEC's Jeff Patton of the inspection and requested that Patton call the well caretaker to continue to monitor and maintain adsorbent pad and boom as needed.

**2.1.2 Response Actions to Date**

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

**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**

**2.5.1 Safety Officer**

**2.6 Liaison Officer**

**2.7 Information Officer**

**2.7.1 Public Information Officer**

**2.7.2 Community Involvement Coordinator**

**3. Participating Entities**

**3.1 Unified Command**

**3.2 Cooperating Agencies**

The OSC continues to coordinate clean up efforts and oversight with TDEC's Jeff Patton.

**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.