

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #5
RP Clean up Efforts Continue
Moodyville Road Oil Spill

Byrdstown, TN
Latitude: 36.5638727 Longitude: -85.1080903

To:
From: Perry Gaughan, OSC
Date: 2/8/2011
Reporting Period: Jan 1, 2011 through Feb 8, 2011

1. Introduction

1.1 Background

Site Number:	Z4TJ	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:	
Mobilization Date:	9/14/2010	Start Date:	9/14/2010
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

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, February, 8th, 2011

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 near the freshwater spring outfall 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. Crude oil odor is notable from the spring area. Mr. Jones continues to be concerned about the time required to flush the crude oil from his spring.

The OSC was also informed by TDEC Oil and Gas Jeff Patton that the well caretaker Mr Hansen had recently had medical problems which will most likely severely limit his ability to monitor the clean up effort.

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

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

EPA and TDEC Oil will continue to monitor the spring and clean up efforts by the RP. If no significant progress is noted, EPA will require that the RP flush the spring aquifer with a substantial amount of water come spring (20,000 gallons)

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

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.