

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #6
RP Clean up Efforts Continue
Moodyville Road Oil Spill

Byrdstown, TN
Latitude: 36.5638727 Longitude: -85.1080903

To:
From: Perry Gaughan, OSC
Date: 4/16/2011
Reporting Period: 03/15/2011 thru 04/15/2011

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

Approximately 20-30 barrels of crude oil leaked 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

On Wednesday, April 13th, the OSC again inspected Ohio Kentucky Oil's clean up efforts along the unnamed creek to the Wolf River. Recent heavy rains in the area had apparently recharged the limestone aquifer and a significant flow of water (approx 100 gallons per minute) from the spring was noted. Oil saturated boom was still staged along the upper areas of the spring near the Jones home, but no oil could be seen coming from the spring.

The OSC contacted Ohio Kentucky Oils Operations Director, John Spalding and informed him that his contractors needed to maintain the boom and pads along the spring and creek until the spring could be deemed free of oil. Simply allowing time and significant spring rain and water flow to flush the spring of oil is the preferred method to avoid an extensive excavation effort for a few barrels of oil.

The OSC met with the property owner, Mr. Jackie Jones. He 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, Farley 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.

.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.