

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #2
RP Clean up Continues
Moodyville Road Oil Spill
Z4TJ
Byrdstown, TN
Latitude: 36.5638727 Longitude: -85.1080903

To:
From: Perry Gaughan, OSC
Date: 10/12/2010
Reporting Period: 9-22-10 thru 10-12-10

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 20 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 barrels (700 gallons) of crude oil had leaked from a storage tank along Moodyville Road.

It appears that the crude oil leak has migrated to 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 contacted Ohio Kentucky Oil's Regional Operations Chief, John Spalding who has committed to clean up the spill along a 400 yard stretch of the creek before it enters the Wolf River.

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

On Wednesday, Sept 22nd, the OSC met with Tenn Oil and Gas Board member Jim Washburn to review the status of the site. Mr. Washburn wanted to review the extent of oil contamination from the spill in order to advise the RP on necessary measures. He concluded and emailed Ohio Kentucky Oil that the stained soil from the containment area needed removal and proper disposal.

On Thursday, Sept 23rd, the OSC met with Ohio Kentucky Oil's John Spalding. After reviewing the oil spill area, Spalding committed to remove all stained soil from beneath the two- 210 barrel storage tanks to remediate the spill to the freshwater spring and creek. He stated that Ohio Kentucky's petroleum engineer would draw up a removal plan and begin work promptly. Ohio Kentucky committed to also continue boom and pad placement along the 400 yard stretch of creek which was impacted by the spill.

The following week, Ohio Kentucky Oil's clean up contractor experienced delays from another more significant spill and soil removal operations began on Wednesday, October 6th. Approximately 20 cubic yards of stained soil and gravel was removed from the containment pit and staged and sampled pending disposal approval. Ohio Kentucky continues to maintain and replace boom and pads along the impacted creek.

On Monday, October 11th, Ohio Kentucky Oil arranged for the removal of the damaged tank to BWI Facility in Albany, Kentucky. Orton Oil Service Co. of Albany transported the tank to the facility. An approximately two inch diameter hole was noted on the undersurface of the tank below the take off valve. (See photos in image section).

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

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.