

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #4
Progress
Wade Road Oil Spill

Owosso, MI
Latitude: 43.0287368 Longitude: -84.2596776

To:

From: Tricia Edwards/Kim Churchill, On-Scene Coordinator

Date: 12/4/2015

Reporting Period: 12/02/2015-12/05/2015

1. Introduction

1.1 Background

Site Number:	Z5QF	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	11/26/2015	Start Date:	11/26/2015
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E16504	Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response.

1.1.2 Site Description

County Drain (Miner Drain and Miner Extension Drain) in rural/agricultural setting. Approximately 2.5 miles of surface water impact in County Drain system between Mason Road and King Road in Owosso, MI.

1.1.2.1 Location

1999 North Wade Road, Owosso, MI.

County Drain known as Miner Extension Drain and Miner Drain between Mason Road and King Road.

1.1.2.2 Description of Threat

Oil in County Drain threatening Shiawassee River.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

U.S. EPA arrived on scene at 2230 hrs on 11/26/2015 and observed oil in County Drain along Wilkinson Road.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

See PolRep #1, #2, and #3 for additional information.

The County Drain impacted is known as the Miner Extension Drain between Mason Road and Wilkinson Road and the Miner Drain from Wilkinson Road north to King Road. The Miner Drain Extension begins underground on the north side of Mason Road and becomes a surface water body just north of Mason Road. Two drainage tile pipes were observed on the south side of Mason Road that flow through a culvert under Mason Road and into the catch basin for an underground section of the County Drain. Oil staining was observed in one of the drainage tiles and oil stained vegetation and sheen were observed at the catch basin. The interior of the culvert connecting the drainage tile outfall and catch basin was observed to be stained with oil. Approximately 300 gallons of oil were estimated to have been released into the County Drain from an unknown source south of Mason Road.

Access from all property owners along the impacted section of the County Drain, hereafter referred to as drain, has been granted.

2.1.2 Response Actions to Date

12/02/2015 - Crews continued to remove oily vegetation using the mini-excavator and skid steer and collect oil using absorbent pads and booms. Crews continued using the vacuum truck to collect oil from the drain on the south side of Wilkinson Road. Crews removed and reinstalled hard boom containment at Cronk Road. Crews removed and replaced saturated absorbent boom as needed. One additional roll-off dumpster arrived on site and crews transferred staged disposal material (i.e., oily vegetation, absorbent boom, pads, and snares) from the poly sheeting to the roll-off. A crew transferred the contents of the frac tank into the vacuum truck and decontaminated the frac tank. The vacuum truck was demobilized from the site and sent to dispose of the oil and water.

The suspected source of the oil was potentially identified and samples of oil were collected, one from a sump area and one from an underground storage pit. The samples, in addition to the sample collected from the drain on 11/27/2015, will be sent to the USCG laboratory for fingerprint analysis on 12/03/2015.

12/03/2015 - Crews continued to remove oily vegetation using the mini-excavator and skid steer and collect oil using absorbent pads and booms. Crews removed and replaced saturated absorbent boom as needed. Crews continued to stage waste in the roll-off dumpsters for disposal. Crews began decontaminating equipment for demobilization. Oil samples collected on 12/02/2015 and 11/27/2015 were packaged and shipped to USCG for fingerprint analysis. Based on progress made by the end of the work day and anticipated need, approximately one-third of the crew and associated equipment were scheduled to demobilize in the morning of 12/04/2015.

12/04/2015 - Crews continued to remove oily vegetation and collect oil using absorbent pads and booms. Crews removed and replaced saturated absorbent boom as needed. Based on evaluation and assessment of locations with deployed absorbent boom, crews began removing excess absorbent boom from various sections of the drain. Crews installed hard boom containment at the concrete outfall where the drain becomes a surface water body as a precautionary measure in the case that residual oil is present in the underground portion of the drain. In an additional precautionary measure, crews deployed absorbent boom around the catch basin on the north side of Mason Road and at the drainage tile outfall on the south side of Mason Road. Crews continued to decontaminate equipment for demobilization. Crews continued to stage waste in the roll-off dumpsters for disposal and began sending off solid waste for disposal to Waste Management Venice Park RDF in Lennon, MI. 3 loads of solid waste was shipped off site.

12/05/2015 - 4 loads of solid waste were shipped off site for disposal at Waste Management Venice Park RDF in Lennon, MI. 2 empty roll-off dumpsters were returned to the site following disposal of the contents, and were staged on the side of Wilkinson Road. The empty dumpsters will be removed from the site on 12/07/2015. Crews also completed decontamination of the skid steer and mini-excavator, and prepared them for demobilization.

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

U.S. EPA and MDEQ are investigating.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Non-Hazardous, Non-RCRA Regulated Liquid (Oil and Water)	Liquid	2,500 gallons	010684918JJK	Recycle	Usher Oil
Oil impacted soil/debris (Profile 117670MI)	Solid	13 tons	5-OWOS-01		Waste Management Venice Park RDF
Oil impacted soil/debris (Profile 117670MI)	Solid	13 tons	5-OWOS-02		Waste Management Venice Park RDF
Oil impacted soil/debris (Profile 117670MI)	Solid	13 tons	5-OWOS-03		Waste Management Venice Park RDF
Oil impacted soil/debris (Profile 117670MI)	Solid	13 tons	5-OWOS-04		Waste Management Venice Park RDF
Oil impacted soil/debris (Profile 117670MI)	Solid	13 tons	5-OWOS-05		Waste Management Venice Park RDF
Oil impacted soil/debris (Profile 117670MI)	Solid	13 tons	5-OWOS-06		Waste Management Venice Park RDF
Oil impacted soil/debris (Profile 117670MI)	Solid	13 tons	5-OWOS-07		Waste Management Venice Park RDF

2.2 Planning Section

2.2.1 Anticipated Activities

Continue to collect and remove oil from the drain.

Dispose of oily waste.

Decontamination of equipment as needed.

Begin demobilization of personnel and equipment.

2.2.1.1 Planned Response Activities

Continue to collect and remove oil from the drain.

Dispose of oily waste.

Decontamination of equipment.

2.2.1.2 Next Steps

Continue to collect and remove oil from the drain.

Dispose of oily waste.

Decontaminate equipment.

Demobilize equipment and personnel as needed.

2.2.2 Issues

No issues identified during this reporting period.

2.3 Logistics Section

N/A

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

The OSC is fulfilling the role of Safety Officer.

2.5.2 Liaison Officer

The OSC is fulfilling the role of Liaison Officer.

2.5.3 Information Officer

The OSC is fulfilling the role of Information Officer.

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

Shiawassee County EM

MDEQ

4. Personnel On Site

EPA: 2

START: 2

ERRS: 26

5. Definition of Terms

U.S. EPA - United States Environmental Protection Agency

EM - Emergency Management

ERRS - Emergency Rapid Response Service

FPN - Federal Pollution Number

MDEQ - Michigan Department of Environmental Quality

NCP - National Oil and Hazardous Substances Pollution Contingency Plan

NRC - National Response Center

OPA - Oil Pollution Act of 1990

OSC - On-Scene Coordinator

PolRep - Pollution Report

RCRA - Resource Conservation and Recovery Act

RP - Responsible Party

START - Superfund Technical Assessment and Response Team

TDD - Technical Directive Document

USCG - United States Coast Guard

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaosc.org/waderoad

6.2 Reporting Schedule

Additional PolReps will be provided as needed.

7. Situational Reference Materials

OPA

NCP