

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #6**
Final PolRep
Wade Road Oil Spill

Owosso, MI
Latitude: 43.0287368 Longitude: -84.2596776

To:
From: Tricia Edwards/Kim Churchill, On-Scene Coordinator
Date: 1/7/2016
Reporting Period: 12/21/2015 - 1/1/2016

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:	1/1/2016	Completion Date:	1/1/2016
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, #3, #4, and #5 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

12/21/2015 - U.S. EPA arrived on site to assess the containment locations after rain fall. No sheen or oil was observed at the containment locations at King Road and Cronk Road. Silver sheen and weathered oil were observed at the containment locations at Wilkinson Road. There was no sheen or oil observed between the culvert and the catch basin at Mason Road.

A private contractor (Drury Brothers) has been retained by Zmitko Farms to take over maintenance of the containment areas. New containment boom has been ordered and when it arrives will replace the boom deployed by U.S. EPA.

12/23/2015 - Drury Bros. installed new containment boom at the concrete outfall between Mason Road and Wilkinson Road, on the south side of Wilkinson Road, on the south side of Cronk Road, and on the south side of King Road. The private contractor removed the old containment boom, decontaminated the boom, and staged it for pickup. The private contractor also performed oil recovery/maintenance at the containment locations.

12/28/2015 - U.S. EPA arrived on site to assess the containment locations. No oil or sheen was observed at Mason Road, the concrete outfall, and King Road. Minimal silver sheen was observed at Cronk Road. Silver sheen was observed at Wilkinson Road. U.S. EPA advised for an additional oil recovery/maintenance at the containment areas at Wilkinson Road and Cronk Road and for the containment areas to remain in place until sustained freezing temperatures set in. A crew arrived to demobilize the remaining equipment from the site.

12/29/15 - The remaining roll-off box was picked up for disposal. A final total of 94.74 tons of material was disposed of related to this incident.

1/1/2016 - With consensus from U.S. EPA, the private contractor retained by the property owner of the suspected source removed all containment and absorbent boom from the county drain.

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

U.S. EPA and MDEQ are investigating.

2.1.4 Progress Metrics

Regional Metrics

This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	2
	Cubic yards of contaminated sediments removed and/or capped	~94
	Gallons of oil/water recovered	~2,000gallons
	Acres of soil/sediment cleaned up in floodplains and riverbanks	4.8
Stand Alone Assessment	Number of contaminated residential yards cleaned up	0
Contaminant(s) of Concern	Number of workers on site	26
	Used Oil	

Oil Response Tracking

Estimated volume	Initial amount released	~750-1,000
	Final amount collected	>200
CANAPS Info	FPN Ceiling Amount	\$320,806.40
	FPN Number	E16504
	Body of Water affected	Miners Ditch, Miners Ditch Ext.

Administrative and Logistical Factors (Place X where applicable)

Precedent-Setting HQ Consultations (e.g., fracking, asbestos)	Community challenges or high involvement	Radiological
More than one PRP	Endangered Species Act / Essential Fish Habitat issues	Explosives
AOC	Historic preservation issues	Residential impacts
UAO	NPL site	Relocation
DOJ involved	Remote location	Drinking water impacted
Criminal Investigation Division involved	Extreme weather or abnormal field season	Environmental justice
Tribal consultation or coordination or other issues	Congressional involvement	X High media interest
Statutory Exemption for \$2 Million	Statutory Exemption for 1 Year	Active fire present
Hazmat Entry Conducted – Level A, B or C	Incident or Unified Command established	Actual air release (not threatened)
CID confirms Criminal Charges Have Been Filed		

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
Oil impacted soil/debris (Profile 117670MI)	Solid	5.65 tons	5-OWOS-09		Waste Management Venice Park RDF

2.2 Planning Section

2.2.1 Anticipated Activities
 No further activities anticipated.

2.2.1.1 Planned Response Activities
 No further activities planned.

2.2.1.2 Next Steps
 No further steps necessary.

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
 ERRS: 4

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
 This will be the final PolRep.

7. Situational Reference Materials

