

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Burdett Pipeline - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III

Subject: POLREP #1
Initial
Burdett Pipeline
Charleston, WV
Latitude: 38.3998200 Longitude: -81.6966300

To: Francis Burns, US EPA R3
Response Center RRC, EPA
Response Center RRC, EPA
USCG NPFC, USCG
Patrick Ryan, USCG
David Gilbert, WVDEP
Rusty Joins, WVDEP
Sean Devine, USCG
Casey Comer, USCG - NPFC Case Officer

From: Michael Towle, On-Scene Coordinator

Date: 4/3/2015

Reporting Period: 4/3/2015

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: OPA	Response Type: Emergency
Response Lead: EPA	Incident Category: Removal Action
NPL Status:	Operable Unit:
Mobilization Date:	Start Date: 4/3/2015
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#: E15310	Reimbursable Account #:

1.1.1 Incident Category

Discharge of oil from an abandoned pipeline posing a threat to navigable waterway.

1.1.2 Site Description

The site includes a 6 inch pipeline from which oil is discharging. The discharge appears to emerge from a break near or at a valve. The pipeline appears to be abandoned and rains on 4/3/2015 appear to be causing increased discharge (suggesting a compromised line). The oil discharges onto land and then migrates towards the flowing waters of a tributary of the Left Fork TwoMile Creek, a tributary of the Kanawha River a navigable waterway.

1.1.2.1 Location

The location of the pipeline is along Woodward Dr. in a residential area of Kanawha County, West Virginia

1.1.2.2 Description of Threat

The discharging oil is migrating overland towards the flowing waters of the Left Fork TwoMile Creek a tributary of the Kanawha River a navigable waterway. A rain event on April 3, 2015 is exacerbating the discharge and without defensive measures or stopping the source, the oil will migrate to the water. The flowing water is about 125 to 150 feet downgradient of the discharge point. The size classification of the discharge would be expected to be minor.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The OSC coordinated with the WVDEP who responded and was onscene. The source of the discharge was

determined to be a 6 inch pipeline running through residential properties. The WVDEP believes the line to be abandoned. The line is likely compromised as the WVDEP believes that the rain event of this day is causing the discharge to increase over time. An estimated 10 gallons has thus far discharged and the WVDEP estimates about a 1 gallon per minute discharge rate. It is unknown how much oil can discharge, but the OSC estimates that another 100 gallons may discharge before the source can be stopped. Based upon discussion with WVDEP, knowledge of the area, and examination of maps and pictures, the OSC has determined that the discharge poses a substantial threat to the navigable water. Although oil has not presently reached the water, the OSC believes that given the unknown volume of oil in the pipeline, the rainy conditions, and the proximity of the water (about 125 to 150 feet from the discharge point), that migration into the water this day is likely without defensive measures and actions to stop the source. The source appears to be a break in the line at the location of a valve. However, excavation activities will be needed to verify.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

The WVDEP is onscene and has initiated response actions with local authorities.

2.1.2 Response Actions to Date

Absorbent materials (booms and pads) are placed at the source of the discharge and along the migration pathway. Without excavation activity at the source followed by plugging or patching, it is unlikely that the discharge will stop. Oil has not migrated to the water at this time, but the continuing discharge and the rains will likely cause such migration to water without continued actions by WVDEP. WVDEP has requested EPA assistance with access to the OSLTF to complete actions to stop the source of the discharge.

The OSC has coordinated with DEP and discussed appropriate response actions. The OSC agreed to embody those actions into the scope of a PRFA which was then further discussed with WVDEP. Actions will include exposure and patching/plugging of the pipeline and removal of discharged oil. Further actions authorized by the OSC will not occur until the OSC is able to evaluate the identification of a responsible party.

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

The WVDEP is not yet able to identify the owner of the pipeline, but activity to identify such owner will continue and such information will be forwarded to the OSC.

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

Maintain defensive actions with absorbent materials to prevent the migration of oil to the water. Excavate the pipeline to fully expose the break. Patch the break, or if such patch would not be effective (e.g., break is at the valve), then cut the pipeline and plug the ends. After the source is secure, remove discharged oil.

2.2.1.1 Planned Response Activities

The WVDEP is expected to implement the limited response actions agreed between WVDEP and EPA and continue to assist in the identification of a responsible party.

2.2.1.2 Next Steps

2.2.2 Issues

A rain event of this day is facilitating the migration of oil from the pipeline and towards the waterway.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

The OSC obtained FPN E15310 with a ceiling of \$50,000. The OSC discussed the scope of a PRFA to cover limited response actions to stop the discharge with a ceiling of \$35,000.

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.

POLREP #1 Last Updated 4/3/2015