

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Arnett Branch Flow Line - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #1
Initial Pollution Report
Arnett Branch Flow Line
Z4ZL
Salyersville, KY
Latitude: 37.7049440 Longitude: -83.0079460

To: James Webster, USEPA R4 ERRB
Robby Francis, KYDEP

From: Kevin Eichinger, On-Scene Coordinator

Date: 1/20/2015

Reporting Period: January 13, 2015 through January 14, 2015

1. Introduction

1.1 Background

Site Number:	Z4ZL	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:	1/13/2015	Start Date:	1/13/2015
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:	1105536	State Notification:	
FPN#:	E15411	Reimbursable Account #:	

1.1.1 Incident Category

Active Oil Production Facility

1.1.2 Site Description

The site is an oil production facility tank battery, flow line and impacted sections of the Arnett Branch Creek. The tank battery consists of three above ground storage (AST) tanks and associated pumps and piping.

1.1.2.1 Location

The street address for tank battery is 129 Jim Arnett Branch Road, Salyersville, Magoffin County, Kentucky. The site coordinates are 37.704944, -83.007946. The break in the flow line occurred approximately 200 feet east of the tank battery. The facility is located in a residential area of Magoffin County. The tank battery is located directly adjacent to private homes.

1.1.2.2 Description of Threat

Small creeks, tributaries and wetland are located down gradient of the tank battery and flow generally East and Northeast away from the site. A discharge of oil has occurred to waters of the United States requiring immediate response actions. The oil discharged to the Arnett Branch which is a tributary of Licking River, which leads to the Ohio River.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Break occurred along a flow line located about 200 feet down gradient of the tank battery. Between 5 and 10 barrels of oil were discharged into approximately 0.25 miles of Arnett Branch. The spill source has been stopped and down gradient migration is currently being contained.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Kentucky Department of Environmental Protection (KYDEP) responded to a report of an oil spill. The exact amount of oil spilled is unknown, but 0.25 miles of the Arnett Branch Creek is impacted. The source of the spill was identified as a flow line. KYDEP was issued a Pollution Response Funding Authorization (PRFA) to begin cleanup operations on January 13, 2015. On the afternoon of the January 13, 2015 the flow line was traced back to a operational production facility. The operators stated the flow lines are not theirs and will not conduct the cleanup. On-Scene Coordinator (OSC) Eichinger was deployed to confirm flow line ownership and ensure PRP response actions occur.

2.1.2 Response Actions to Date

OSC Eichinger arrived onsite the morning of January 14, 2015 and met with KYDEP State OSC's. KYDEP implement cleanup operations on January 13, 2015 using absorbent booms, absorbent pads, vacuum trucks and leaf blowers. The majority of recoverable crude oil had been collected by the evening of January 14, 2015.

OSC Eichinger confirmed that the flow line was part of the Boone Oil Production Facility. At 1246 hours, OSC Eichinger contacted the PRP Representative over the phone after multiple fail attempts. No other authorized representatives were onsite. OSC Eichinger issued a verbal notice of federal interest. OSC Eichinger and State OSC Stidham had a conference call with the PRP Representative at 1339 hours and requested the PRP take responsibility for the costs of the cleanup and enter into a contract with PECCO Environmental. The PRP Representative stated he would attempt to pay for the cleanup costs but indicated that the company may not be able to cover the costs.

KYDEP will work with the PRP to develop and implement a maintenance and operations plan to recover residual spilled crude oil and continue to provide oversight and response operations under the PRFA issued through EPA.

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

A Notice of Federal Interest was issued verbally to the RP representative and was followed up by a written Notice of Federal Interest sent by certified mail. The RP representative is not local. The PRP for this incident is:

Boone Oil, LLC.
P.O. Box 789
Salyersville, KY 41465
602-315-0323

2.1.4 Progress Metrics

No pertinent information to report at this time.

2.2 Planning Section

2.2.1 Anticipated Activities

EPA and KYDEP spoke with the owner over the phone and discussed the response. KYDEP will provide oversight to assure the cleanup plan is implement appropriately and cleanup goals are met.

2.2.1.1 Planned Response Activities

PECCO Environmental will continue oil recovery operations as directed by KYDEP State OSC Stidham.

2.2.1.2 Next Steps

Develop and implement a maintenance and operations plan to recover residual oil.

2.2.2 Issues

No pertinent information to report at this time.

2.3 Logistics Section

KYDEP has contracted with PECCO Environmental under a PRFA. PECCO are providing logistical support for the environmental cleanup operations.

2.4 Finance Section

2.4.1 Narrative

An EPA OSC have been dispatched provide equipment and technical support. A PRFA was issued to KYDEP.

The accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining

Extramural Costs				
KYDEP PRFA	\$20,000.00	\$0.00	\$20,000.00	100.00%
Contingency	\$9,311.00	\$0.00	\$9,311.00	100.00%
Intramural Costs				
USEPA - Direct	\$1,000.00	\$0.00	\$1,000.00	100.00%
USEPA - InDirect	\$4,689.00	\$0.00	\$4,689.00	100.00%
Total Site Costs	\$35,000.00	\$0.00	\$35,000.00	100.00%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

PECCO Environmental provided the Safety Officer

2.5.2 Liaison Officer

No pertinent information to report at this time.

2.5.3 Information Officer

No pertinent information to report at this time.

3. Participating Entities

3.1 Unified Command

Unified Command was established by KYDEP

3.2 Cooperating Agencies

No pertinent information to report at this time.

4. Personnel On Site

The following personnel were onsite:

EPA OSC: 1

KYDEP: 2

PECCO Environmental: 6

5. Definition of Terms

Abbreviations and acronyms are spelled out within the text of the Pollution Report. Definitions will be added to this section as necessary.

6. Additional sources of information

6.1 Internet location of additional information/report

Documents, photographs, maps, reports, air monitoring data, water quality measurements and other important/pertinent information can be found at <http://epaosc.org/arnettbranchflowline>. Log-in credentials may be required to view certain documents.

6.2 Reporting Schedule

Future Pollution Reports (POLREPS) will be published as additional information and response data is received from KYDEP. Please note that POLREP must be reviewed and approved by EPA Emergency Response and Removal Branch Management prior to publication, so there may be a delay in publication.

7. Situational Reference Materials

All situational reference materials will be uploaded to <http://epaosc.org/arnettbranchflowline>. Log-in credentials may be required to access certain documents.