

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Lynchburg Crude Oil Train Derailment - Removal Polrep  
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region III

**Subject:** POLREP #5  
POLREP #5 and FINAL (FPN E14309)  
Lynchburg Crude Oil Train Derailment  
Lynchburg, VA  
Latitude: 37.4100000 Longitude: -79.1394000

**To:** Regional Response Center, EPA  
Mr. Patrick Ryan, USCG-NPFC

**From:** Christine Wagner & Francisco J. Cruz, OSC

**Date:** 9/21/2015

**Reporting Period:** 5/6/14-8/18/15

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	<b>Contract Number:</b>
<b>D.O. Number:</b>	<b>Action Memo Date:</b>
<b>Response Authority:</b> OPA	<b>Response Type:</b> Emergency
<b>Response Lead:</b> PRP	<b>Incident Category:</b> Removal Action
<b>NPL Status:</b> Non NPL	<b>Operable Unit:</b>
<b>Mobilization Date:</b> 4/30/2014	<b>Start Date:</b> 4/30/2104
<b>Demob Date:</b>	<b>Completion Date:</b> 8/18/2015
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b>
<b>FPN#:</b> E14309	<b>Reimbursable Account #:</b>

#### 1.1.1 Incident Category

Crude Oil Spill

#### 1.1.2 Site Description

Train derailment in historic district of Lynchburg, VA

##### 1.1.2.1 Location

Rail line in front of 10 9th Street in the City of Lynchbug, VA

##### 1.1.2.2 Description of Threat

Oil discharge onto the James River. Estimated volume 29,600 gallons of crude oil. Potential impact to drinking water intakes in Richmond and Henrico County, VA

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

This polrep finalizes actions and funds expended under FPN E14309 to respond to and mitigate the release of crude oil as a result of a trail derailment which occurred on April 30, 2014. For additional information regarding the incident, please refer to previous polreps..

#### 2.1.2 Response Actions to Date

##### Operations

CSX completed transfer operations in May of 2014. The Incident Commander terminated the incident on May 6, 2014. EPA's final day overseeing Site activities was May 7, 2014. At this time, the Lead Agency

responsibilities were accepted by the Virginia Department of Environmental Quality.

CSX, and its environmental contractor, Arcadis, continued cleanup and monitoring of environmental conditions.

EPA received data from the EPA Fort Meade Lab which indicated that no contaminants of concern related to the fuel oil were detected in any of the downstream water intakes.

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

CSX has accepted responsibility for the cleanup. EPA issued CSX a Notice of Federal Interest, identifying CSX as the responsible party.

In 2015, CSX agreed to pay \$361,000 for a penalty action imposed by VDEQ

**2.2 Planning Section**

**2.2.1.1 Planned Response Activities**

No further action anticipated by EPA. Response is complete.

**2.2.2 Issues**

In August of 2015, NTSB released a report which suggests that the incident was likely caused by a defect in the rail track.

**2.3 Logistics Section**

CSX is handled all logistics for the cleanup and derailment. The City of Lynchburg provided fire, medical, and law enforcement support. EPA provided air monitoring and sampling support

**2.4 Finance Section**

**2.4.1 Narrative**

EPA has received authorization from the National Pollution Funds Center to increase funding to \$75,000 to mitigate the threat of the discharge of oil. This polrep does not address costs for any other Agency. EPA has assigned a Site Administrative Officer to assist with cost documentation.

Note: these estimates will likely be significantly modified once the EPA Finance Administrator obtains additional information and costs are processed through EPA's Oil Reimbursement program.

FPN Ceiling: \$75,000

Estimated Costs: \$44,000

Any remaining funds can be reallocated to NPFC.

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
Region 4 Support	\$4,000.00	\$3,000.00	\$1,000.00	25.00%
WESTERN START	\$17,425.00	\$14,250.00	\$3,175.00	18.22%
EASTERN START	\$4,300.00	\$2,400.00	\$1,900.00	44.19%
LAB SUPPORT	\$4,000.00	\$4,000.00	\$0.00	0.00%
<b>Intramural Costs</b>				
USEPA - Direct	\$10,000.00	\$9,550.00	\$450.00	4.50%
USEPA - InDirect	\$13,000.00	\$10,800.00	\$2,200.00	16.92%
<b>Total Site Costs</b>				
	\$52,725.00	\$44,000.00	\$8,725.00	16.55%

\* 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**

No information available at this time.

## **3. Participating Entities**

### **3.1 Unified Command**

CSX  
City Of Lynchburg  
VDEM  
VDEQ  
NTSB  
EPA

### **3.2 Cooperating Agencies**

Virginia Department of Health  
Virginia Department of Public Safety  
EPA Office of Water  
EPA Environmental Science Center Fort Meade  
Henrico County  
City of Richmond

## **4. Personnel On Site**

City of Lynchburg

Fire & Eemrgency Services  
EMS  
Law Enforcement  
Public Works

CSX  
Hepaco  
WEL  
Arcadis  
CTEH  
Enviroscience  
Cranemasters

VDEQ  
VDE

EPA

## **5. Definition of Terms**

VOA (or VOC) - Volatile Organic Analysis or Volatile Organic Compounds  
SVOC - Semi-volatile organic compounds

## **6. Additional sources of information**

Additional information regarding cause can be obtained from NTSB's website.

## **7. Situational Reference Materials**

No information available at this time.