

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
CSX Derailment Sherwood - Removal Polrep
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #1
Initial / Final
CSX Derailment Sherwood
Z4ZD
Sherwood, TN
Latitude: 35.0375311 Longitude: -85.9508923

To: James Webster, USEPA R4 ERRB
Brenda Apple, Senior Director Field Offices

From: Jordan Garrard, On-Scene Coordinator

Date: 10/16/2014

Reporting Period:

1. Introduction

1.1 Background

Site Number:	Z4ZD	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/8/2014	Start Date:	10/8/2014
Demob Date:	10/11/2014	Completion Date:	10/11/2014
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E15402	Reimbursable Account #:	

1.1.1 Incident Category

Emergency

1.1.2 Site Description

A 14 car train derailment occurred along Rush Creek. Six (6) refrigerator rail cars and a denatured ethanol tank car were derailed along Rush Creek. Each refrigerator rail car contains a 500 gallon diesel fuel tank.

1.1.2.1 Location

Approximately 1 mile north of the Tantallon Road Crossing.

1.1.2.2 Description of Threat

Each of the six (6) refrigerator rail cars contain a 500 gallon diesel fuel tank. Diesel is classified as oil under the Oil Pollution Act (OPA). Four (4) of the six (6) refrigerator rail cars were compromised during the derailment and discharged diesel along the banks of Rush Creek. Rush Creek follows into the Tennessee River which is a navigable water body.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

At approximately 0745 est on October 8, 2014 a 14 car train derailment occurred approximately 3 miles north of Sherwood, Tn along Rush Creek. A denatured ethanol rail car and six (6) refrigerator rail cars derailed. Four (4) of the 6 refrigerator rail cars were damaged during the derailment and discharged diesel. Each of the refrigerator rail cars contains a 500 gallon fuel tank. The refrigerator cars were carrying frozen potatoes. OSC Garrard and START TTEMI were mobilized to the derailment to ensure response activities.

Upon arrival OSC Garrard met with local officials and CSX personnel. Diesel fuel leaks from the refrigerator rail cars were plugged by CSX contractors (Hepaco). An unknown amount of diesel discharged from the refrigerator rail cars, but each rail car contained approximately 300 gallons of diesel fuel. On night of October 8th the diesel from an upright derailed refrigerator car was removed utilizing a Hi-rail vacuum truck. The refrigerator car was pushed off the rail onto the bank of Rush Creek, due to instability of the rail car rerailling the rail car was deemed unsafe. START TTEMI demobilized on the night of Oct. 8, 2014.

On October 9th, the denatured ethanol rail car was rerailed. The ethanol rail car was intact and no leaks or damage was observed. On the evening of Oct 9th, wrecking operations were complete and the rail line was repaired. Test trains were allowed to traverse the repaired rail line overnight. On October 10th, Hepaco prepared the tanks on the refrigerator cars for diesel transfers. Due to severe weather transfer operations were cancelled for the day. On October 11, 2014, the remaining diesel fuel was removed from the refrigerator cars by a Hi-rail vacuum truck. An estimated 1,481 gallons of diesel was recovered from the derailed refrigerator cars. OSC Garrard demobilized on October 11th.

2.1.2 Response Actions to Date
See Narrative

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

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Diesel	Liquid	1481 gallons			Fuels blending

2.2 Planning Section

2.2.1 Anticipated Activities

The offloading of frozen potatoes will occur over the next few weeks. Offloading of frozen potatoes will occur with coordination from TDEC.

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

2.2.2 Issues

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

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.