

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #1
First and Final: 2/12/2016
CSX Wolf Coal Derailment
V4BL
Wolf Coal, KY
Latitude: 37.3965563 Longitude: -83.3831455

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

From: Greg Harper, Federal On-Scene Coordinator

Date: 2/3/2016

Reporting Period: 1/26/2016 to 1/31/2016

1. Introduction

1.1 Background

Site Number:	V4BL	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:	1/26/2016	Start Date:	1/26/2016
Demob Date:	1/30/2016	Completion Date:	1/31/2016
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E16415	Reimbursable Account #:	

1.1.1 Incident Category

The train derailment response was conducted under an emergency response action.

1.1.2 Site Description

On January 26, 2016, A CSX freight train struck a rock slide and lost 5,520 gallons of diesel fuel and lube oil at Mile Post 217 in Whick, Breathitt County, Kentucky. The derailment was adjacent to the North Fork of the Kentucky River and fuel impacted the river. CSX mobilized resources and contractors to remediate the release.

1.1.2.1 Location

The derailment was located near the railroad Mile Post 217 in Whick, Breathitt County, Kentucky. The derailment was approximately 0.5 mile form the intersection of Wolf Coal road and the railroad track and it is adjacent to the North Fork of the Kentucky River. The diesel fuel impacted the river.

1.1.2.2 Description of Threat

5,520 gallons of diesel fuel was spilled from the two locomotives onto the ground and flowed underground and into the North Fork of the Kentucky River. Approximately 20 river miles downstream of the derailment is the drinking water intake for the City of Jackson, Kentucky.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

5,520 gallons of diesel fuel was spilled from the two locomotives onto the ground and flowed underground into the North Fork of the Kentucky River.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On January 26, 2016, A CSX freight train struck a rock slide and lost 5,520 gallons of diesel fuel and lube oil at Mile Post 217 in Whick, Breathitt County, KY. The derailment was adjacent to the North Fork of the Kentucky River. The diesel fuel impacted the river. CSX mobilized resources and contractors to remediate the release. The locomotives were hauling empty coal cars. Kentucky Department of Environmental Protection (KYDEP) requested EPA Region 4 assistance due to the amount of fuel released and the

proximity to the river. OSC Harper was deployed from Atlanta and integrated into Unified Command with CSX and KYDEP. EPA Superfund Technical Assessment and Response Team (START) contractors were also deployed. the downstream drinking water facility was notified and KYDEP is assisting them with water sampling from the river upstream of the water treatment plant and both raw and finished water sampling.

2.1.2 Response Actions to Date

CSX has up righted the locomotives, placed them on the rail and removed them from site. The rock slide was removed from the railroad bed and the railroad line was repaired. CSX excavated approximately 600 to 800 tons of impacted soils and stockpiled it adjacent to the railroad track. The soils will be sampled for disposal and will be loaded into gondola cars for transportation off site. The gondola cars will be moved to the rail yard to be secured until disposal can be approved.

CSX dug an interceptor trench parallel to the river. The test trench ran the approximate length of the two derailed engines. No fuel seeped into the test pits trench, so two test pits were dug near the location of the two fuel tank spill areas. No fuel seeped into the test pits. CSX then had their contractor mobilize a geoprobe to install multiple test wells to locate the diesel fuel.

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

CSX owned and operated the locomotives that spilled the diesel fuel.

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	soil	600 to 800 tons			

2.2 Planning Section

2.2.1 Anticipated Activities

KYDEP will work with CSX to develop a plan to manage the disposal of the impacted soils and a plan for long term clean-up of the diesel seeping into the Kentucky River.

2.2.1.1 Planned Response Activities

Remediate the diesel fuel from the river bank soil.

2.2.1.2 Next Steps

CSX will develop a plan to manage the long term clean-up of the diesel seeping into the Kentucky River.

2.2.2 Issues

Identifying the location of the underground fuel plum.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
TAT/START	\$15,000.00	\$10,000.00	\$5,000.00	33.33%
Intramural Costs				
Total Site Costs	\$15,000.00	\$10,000.00	\$5,000.00	33.33%

* 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

CSXT

KYDEP

USEPA

3.2 Cooperating Agencies

KYDEP

USEPA

City of Jackson

4. Personnel On Site

Joe McCann	CSXT-HAZMAT
JB Roberts	CSXT-EFS
Dan Dyer	CSXT-Env
Rob James	CSXT-HAZMAT
Robert Stidham	KYDEP
Alex Sandlin	KYDEP
Kelly Fugate	KYDEP
Greg Harper	USEPA
Ben Iden	AMEC Foster Wheeler
Scott Wilson	Marion Environmental, Inc. (MEI)
Max Koran	EnviroScience
Todd Robinson	HEPACO
David Czayka	EnviroScience
Sam Taylor	MEI
Tim Acri	EMS
Paul Pryce	Terta Tech EMI

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

IAP and SitReps can be found on the website: epaossc.org/csxwolfcoal