

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Liberty Train Derailment - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #3
Cleanup Continues
Liberty Train Derailment
B4A3
Liberty, SC
Latitude: 34.7738207 Longitude: -82.7133608

To: Matt Taylor, USEPA R4 ERRB

From: Rick Jardine, On Scene Coordinator

Date: 6/21/2010

Reporting Period: 06/17/2010 to 06/19/2010

1. Introduction

1.1 Background

Site Number:	B4A3	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/11/2010	Start Date:	6/11/2010
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category - Emergency

1.1.2 Site Description - Derailment

1.1.2.1 Location - Liberty, SC

1.1.2.2 Description of Threat - Derailed cars have toxic and flammable hazardous materials.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results - Containers of several different materials have been breached and the materials have leaked to the grounds surface. The most toxic, vinyl acetate and toluene diisocyanate appear to be damaged but not leaking.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative - Many responders have mobilized to the scene including RJ Corman, Hepaco, and CTEH. Several government entities are also present including Liberty City Police and Fire, Pickens County HAZMAT, SC DHEC and EMD, EPA and NWS.

2.1.2 Response Actions to Date

June 17:

- Transfer of two of three ethylene glycol derailed cars was complete. The derailed propylene glycol car remained to be transferred.
- Air monitoring continued in residential area.
- About 600 tons of soil was sent for disposal. Excavation was contaminated soil continues.
- A potential explosive device was found nearby the site and properly addressed.

June 18:

- A total of 1,124 tons of contaminated soil was sent for disposal.
- Transfer of the third ethylene glycol derailed car was complete.
- Transfer of the propylene glycol derailed car was complete.

- Transfer of the isopropanol from the frac tank (which was used for staging) was complete.
- Clean and purge process of derailed cars containing HAZMAT was initiated.
- Surface soil samples were collected in frac tank staging area to ensure soils were not contaminated.
- Air monitoring ceased in residential area once transfer of all HAZMAT from derailed cars was completed.
- Ethylene glycol derailed cars were cleaned and purged.

June 19:

- EPA demobed from the site with understanding that removal/recovery efforts will continue according to the Incident Action Plan for operational period of 06/19/2010, 0700 hrs. to 06/25/2010, 1900 hrs. with cooperation of Norfolk Southern, Pickens County EMO, and SCDHEC.
- About 370 tons of contaminated soil was removed from site. Total sent for disposal was 1,490 tons. Frac tanks used for staging contaminants were removed from the site.

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

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

- Recovery of nonhaz commodities from derailed cars continues.
- Excavation and disposal of contaminated soil impacted by the derailment continues.
- Derailed cars involved in the wreckage will be removed from site.

2.2.1.1 Planned Response Activities

- Operational updates will be communicated according to the format outlined in ICS 230 of the Incident Action Plan

2.2.1.2 Next Steps

- Unified Command, including EPA, will convene at 1400 hours of 07/08/2010 for operational debriefing.

2.2.2 Issues - NS will advise EPA 24 hour in advance of removing the residue cars.

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.