

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
McDavid (Q60127) Train Derailment - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #3
Preparation for acid transfer operations
McDavid (Q60127) Train Derailment
B41E
McDavid, FL
Latitude: 30.3238000 Longitude: -87.7858810

To:
From: Chris Russell, On-Scene Coordinator
Date: 2/3/2014
Reporting Period: 2/2/2014

1. Introduction

1.1 Background

Site Number:	B41E	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	1/29/2014	Start Date:	1/28/2014
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	1/28/2014
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response, train derailment involving hazardous materials.

1.1.2 Site Description

The derailment occurred adjacent to Fletcher Creek involving a CSX rail-line in McDavid, Florida.

1.1.2.1 Location

401 Champion Drive, McDavid, Florida 32568

The derailment occurred at the train track at the rear of this property. The track crosses Fletcher Creek at this point.

1.1.2.2 Description of Threat

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

At approximately 2040 on January 28, 2014, twenty-three railcars including tank cars containing phosphoric acid derailed in and around Fletcher Creek. Homes in the immediate area were temporarily evacuated. Response to the incident was hampered by severe weather, including ice and snow covered area roads.

FL DEP responders were dispatched on 1/28/2014. EPA On-Scene Coordinator Francendese was dispatched and able to make it on-site by 1/29/2014. On 1/31/2014, the role of lead OSC for EPA was transferred to OSC Russell.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date (02/02/2014)

Response actions continue. Unified Command consists of the EPA OSC, CSX and the Florida Department of Environmental Protection (FDEP).

Four railcars with ninety-six percent concentration phosphoric acid were derailed into Fletcher Creek. At least one tank car has leaked. Each railcar contains approximately twelve thousand gallons. The EPA OSC

has entered into a unified command with CSX and the Florida Department of Environmental Protection (FDEP).

The Unified Command identified the following Incident Objectives for this operating period:

- Safety of personnel and surrounding community
- Manage coordinated response effort
- Keep stakeholders informed of response activities
- Non-hazardous commodity rail car staging (completed)
- Hazardous commodity rail car removal
- Environmental mitigation and restoration
- Railroad service restoration (completed)

By 2100, 2/02/2014 the following actions were completed or are still ongoing.

Non-Hazardous Commodity Rail Car Removal

All non-hazardous cars have been moved to the staging pads (19 of 19 non-haz cars staged) (100%)

Hazardous Commodity Rail Car Removal

- Access roads and staging pads complete (90%)
- Perform tank car damage assessment (Continuous)
- Equipment staged for acid transfer (100%)
- 3 receiving tank trucks staged onsite and 5 off site.
- Corrosive Liquid Transfer Work Plan drafted
- Product transfer (to begin on 2/3/2014)

Railroad Service Restoration (complete)

Environmental Mitigation and Restoration

- Conducted water quality monitoring at a total of 11 stations.
- Remove contaminated surface water (16,000 gallons staged for off-site disposal)
- Continue to submit surface water quality monitoring results (continuous)
- Survey of site features, derailment site, creek cross section, etc.(60%)
- Water diversion of creek flow around source area (ongoing)
- Fish count evaluations, 379 fish were collected (100%)
- Source Area Removal Work Plan (drafted)
- Waste Management and Handling Work Plan (drafted)
- Liquid Recovery Work Plan (drafted)
- Begin wetland, delineation
- Begin environmental restoration evaluation
- Wildlife survey in progress (some reptiles observed)

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

CSX has undertaken response operations and has contracted with hazardous materials response contractors, environmental consultants and re-railment contractors.

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

2.2.1.1 Planned Response Activities

During the next operational period, the Unified Command will focus on the transfer of the remaining tank car contents, waste acid recovery, neutralization of waste acid, decontamination of equipment, bridge reconstruction, track restoration and environmental mitigation and restoration.

Air and water monitoring will continue during response operations.

2.2.1.2 Next Steps

CSX contractors are preparing to conduct phosphoric acid transfer and contaminated waste removal and stabilization.

2.2.2 Issues

Night operations will continue until product transfer is completed.

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

2.5.1 Safety Officer

CSX has provided assistant safety officers. USCG-GST is on-site assisting with Site safety and contractor monitoring. Health & safety briefs are conducted at shift changes and as operational tasks change. Tasks, hazards, and mitigation steps to control hazard potential are discussed. Hazard assessments are completed for operational activities.

2.5.2 Liaison Officer

United States Fish and Wildlife Service and the Florida Department of Health (FDOH) personnel are assisting with environmental and public health issues.

2.5.3 Information Officer

FL DEP, EPA and CSX have issued a joint public statement providing information on the on-going response.

3. Participating Entities

3.1 Unified Command

FL DEP, EPA, CSX

3.2 Cooperating Agencies

USFWS
FL DOH
Escambia County

4. Personnel On Site

EPA - 2
FLDEP - 3
USCG GST - 4

CSXT
Transportation Staff: 2
Mechanical Staff: 2
Engineering Staff: 8
HazMat Staff: 4
RJ Corman
Railcar Recovery Staff: 20
ARCADIS
Environmental Staff: 18
Hulls
Response Staff: 4

EnviroScience
Ecological Staff: 7
SWS
H&S / IH Staff: 2
Response Staff: 12

USES
Response Staff: 18

Hepaco
Response Staff: 3

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.