

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: **POLREP #1**
Initial/Final POLREP
Stone Mountain Derailment

Norcross, GA
Latitude: 33.9138650 Longitude: -84.2280170

To:
From: Stephen Ball, OSC
Date: 1/4/2011
Reporting Period: 01/04/2011

1. Introduction

1.1 Background

Site Number:	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: 1/4/2011	Start Date: 1/4/2011
Demob Date: 1/4/2011	Completion Date: 1/4/2011
CERCLIS ID:	RCRIS ID:
ERNS No.: 963694	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

The site is located in an industrial area behind the Univar Chemical facility. The spill site has a few rail spurs and relatively flat terrain. Any runoff would flow towards the Univar stormwater pond. Impacted area included Univar facility property and Norfolk Southern right-of-way.

1.1.2.1 Location

2145 Skyland Court, Norcross, GA 30071

1.1.2.2 Description of Threat

One tank rail car derailed and was leaking 50% sodium hydroxide saturated solution from the manway. Release estimate is 20 gallons. Most of the release was captured in two plastic tubs, but additional caustic spilled onto the surrounding concrete and ballast.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

EPA OSC Ball arrived on-scene at 1400 hrs as crews from environmental contractor EQ were off-loading the tank car into tanker trucks. OSC Ball conducted a site walk through with Norfolk Southern and Univar representatives to observe the impacted area. Univar stated that as soon as crews began pumping on the tank car the leak stopped. Spilled caustic was minimal.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On January 4, 2011 at approximately 12:10 hrs local time a single tank car carrying 50% Sodium Hydroxide saturated solution derailed behind the Univar facility in Norcross, GA. The tank car was being repositioned at the facility with a Norfolk Southern Locomotive when the derailment occurred. The tank car rolled onto its

side after derailing and began leaking caustic soda from around the manway seal. Approximately 10 – 20 gallons of caustic released from the car before environmental contractor EQ arrived on-scene for Univar and began off-loading the tank car into tanker trucks using a diaphragm pump. The tanker trucks were then off-loaded into caustic bulk storage tanks located on the facility.

2.1.2 Response Actions to Date

Most of the leaking caustic was captured in 2 plastic bins placed underneath the manway. Univar stated that free liquids would be collected and disposed of appropriately following completion of the tank car off-load. Additional caustic spilled onto the surrounding ballast, earth, and concrete and was either neutralized using water or captured by placing sorbent down. Following neutralization a pH reading was taken by Univar personnel, which showed liquids at a pH of approximately 7. In addition a soil scrape of the impacted area and sorbent material was conducted by EQ and the soil was drummed for disposal. A total of five drums of waste were generated from the spill.

Hultcher arrived on-scene the morning of 01/05/2011 to re-rail the tank car.

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

EPA issued Univar a Notice of Federal Interest letter.

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

No further action planned

2.2.1.1 Planned Response Activities

Response complete

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

EPA (1)
Norfolk Southern (1)
Univar (unknown quantity)
EQ (unknown quantity)
HEPACO (unknown quantity)

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.

