

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
YRC Phosphoric Acid Spill - Removal Polrep
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VI

Subject: POLREP #1
First and Final
YRC Phosphoric Acid Spill
A6BH
Little Rock, AR
Latitude: 34.7782798 Longitude: -92.1646500

To: Dana Tulis, U.S. EPA HQ
Ragan Broyles, Superfund Division
Kenny Harmon, Arkansas Department of Emergency Management
Dean Vanderhoff, Arkansas Department of Environmental Quality

From: Adam Adams, OSC

Date: 6/28/2011

Reporting Period: 6/27-28/2011

1. Introduction

1.1 Background

Site Number:	A6BH	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	
NPL Status:		Operable Unit:	
Mobilization Date:	6/27/2011	Start Date:	6/27/2011
Demob Date:	6/28/2011	Completion Date:	6/28/2011
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response - Release of hazardous chemicals to the environment

1.1.2 Site Description

Site is a release of 75% concentrated, food grade phosphoric acid from totes cause by the rollover of the truck that was carrying the totes. The totes broke through the roof of the trailer and rolled down the right of way of the highway ramp from Interstate 40 East to Interstate 440 South. Approximately 2000 gallons released to the environment.

1.1.2.1 Location

Site is located adjacent to the ramp from Interstate 40 Eastbound to Interstate 440 Southbound in North Little Rock, Pulaski County, Arkansas. Medium affected is the ground of the highway right of way.

1.1.2.2 Description of Threat

Threat is an uncontrolled release of food grade acid into the environment next to an interstate highway interchange. Additionally, there was a grass fire associated with the wreck, but on the opposite site of the interstate.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Approximately 2000 gallons of phosphoric acid released into the soil. North Little Rock Fire Department and YRC (PRP) contractors responded to the site immediately after report of the wreck and release. PRP response contractors stabilized the site, mitigated the damaged totes and began transferring the phosphoric acid that did not release from the totes into new totes. Approximately 120 cubic yards of soil and vegetation was affected.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA was contacted by the NRC at approximately 1500 hours about a hazardous materials release due to a wreck on Interstates 40 and 440 in North Little Rock, Arkansas that occurred at approximately 1247 hours on 27 June 2011. EPA OSC and Weston Solutions, the Region 6 START contractor were dispatched to provide technical assistance and air monitoring at the site in support of the fire department and response contractor operations to mitigate the release.

START arrived on-scene at approximately 1910 hours on 27 June 2011. Twelve 300 gallon totes were in a ditch adjacent to the the interstate ramp. North Little Rock Fire Department Chief was IC and was providing decon and rescue support for B&P, the YRC response contractor. One Yellow Truck tractor and trailer had overturned on the ramp, releasing the totes through the roof and into the ditch. A grass fire was also associated with the wreck but was not at the site of the release.

START coordinated with the fire department and PRP contractors to provide air monitoring for phosphoric acid esters and general health and safety air monitoring. No hazardous constituents were detected in the air.

PRP response contractors began transferring the acid from the damaged totes into new totes after the truck and trailer were removed by a wrecker. Approximately 1000-1500 gallons were left in the damaged totes. ADEQ Emergency Response representatives had been at the scene earlier and had coordinated the operational plan and strategy with the involved parties. EPA OSC Adams coordinated with ADEQ and the on-scene fire department in support of the on-going response efforts. The highway ramp was reopened at approximately 2018 hours on 27 June 2011.

On 28 June 2011 PRP response contractors began removing contaminated soil and vegetation from the release site. It is estimated that approximately 120 cubic yards of soil and vegetation would be removed. No water was in the ditch and no water was affected by the release.

2.1.2 Response Actions to Date

Removal of damaged totes, non-released phosphoric acid and contaminated soil and vegetation from the release site. Air monitoring for hazardous constituents in the air at the site. Coordination between local, state and federal response organizations.

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

Potentially responsible party is YRC, which operates Yellow trucks, of Overland Park, Kansas.

2.2 Planning Section

2.2.1 Anticipated Activities

Removal and disposal of all contaminated soil and vegetation pending analytical results.
Coordination of site completion between PRP and ADEQ.

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

3.1 Unified Command

3.2 Cooperating Agencies

Other than the PRP Representative and contractors, organizations and agencies involved in the response include the EPA, ADEQ, North Little Rock Fire Department, Arkansas State Troopers, and Arkansas Department of Transportation (DOT).

4. Personnel On Site

Other than the PRP Representative and contractors, organizations and agencies involved in the response include the EPA, ADEQ, North Little Rock Fire Department, Arkansas State Troopers, and Arkansas Department of Transportation (DOT).

5. Definition of Terms

No information available at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

Additional information and documentation of the incident and response can be obtained at www.epaosc.org/YRCPhosphoricAcid.

6.2 Reporting Schedule

No further POLREPs will be submitted.

7. Situational Reference Materials

No information available at this time.

POLREP #1 Last Updated 6/29/2011