

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Sanford LPG Response - Removal Polrep  
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #1  
First and Final  
Sanford LPG Response  
  
Sanford, NC  
Latitude: 35.4205455 Longitude: -79.1801569

**To:**  
**From:** Kenneth Rhame, OSC  
**Date:** 4/18/2011  
**Reporting Period:** 4/17/2011

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	<b>Contract Number:</b>
<b>D.O. Number:</b>	<b>Action Memo Date:</b>
<b>Response Authority:</b> CERCLA	<b>Response Type:</b> Emergency
<b>Response Lead:</b> PRP	<b>Incident Category:</b> Removal Action
<b>NPL Status:</b> Non NPL	<b>Operable Unit:</b>
<b>Mobilization Date:</b> 4/17/2011	<b>Start Date:</b> 4/17/2011
<b>Demob Date:</b> 4/17/2011	<b>Completion Date:</b> 4/17/2011
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b> NC Emergency Management
<b>FPN#:</b>	<b>Reimbursable Account #:</b>

#### 1.1.1 Incident Category

Emergency Response  
Responded as Technical Support Asset  
Response was not conducted under CERCLA or OPA Authority

#### 1.1.2 Site Description

Tobacco Farm

##### 1.1.2.1 Location

446 Castleberry Road  
Sanford, NC

##### 1.1.2.2 Description of Threat

Fire and Explosion

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

18,000 gallon Liquid Propane Gas (LPG) tank was damaged by tornado. A voluntary evacuation issued affecting 10 to 12 homes.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

On 4/17/2011 EPA received a request for technical support from local fire relating to a 18,000 gallon liquid propane gas (LPG) tank that was damaged by a tornado. The LPG tank was damaged on 4/16.2011 by a tornado that picked the propane tank up off of its cradle and dropped it approx. 60 to 70 feet away from its original location. The valves and the vapor relief pipes were sheared off and ice had formed around the tank. The tank was located on Thomas Farm and was used to dry tobacco, according to the owner the tank had 9,000 gallons of LPG prior to the tornado. An estimated 6,000 gallons remained judging from the freeze line during the first entry conducted by Charlotte Haz-Mat. A voluntary evacuation was issued affecting approximately 10 to 12 homes. Discussions were held to develop a strategy to possibly off-load the tank. Charlotte Haz-Mat made a second entry and noted that the freeze line had dropped 1 1/2 feet since the first entry and that the majority of the ice had thawed. Due to this observation it was decided by local fire, haz-mat, emergency management and epa that it would be best to allow the LPG to evaporate on its own while a team remains

on site to conduct air monitoring.

#### 2.1.2 Response Actions to Date

EPA provided technical support.

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

No enforcement actions.

Potential Responsible Party is Steve Thomas, owner of Thomas Farm.

#### 2.1.4 Progress Metrics

<i><b>Waste Stream</b></i>	<i><b>Medium</b></i>	<i><b>Quantity</b></i>	<i><b>Manifest #</b></i>	<i><b>Treatment</b></i>	<i><b>Disposal</b></i>

## 2.2 Planning Section

#### 2.2.1 Anticipated Activities

Charlotte Haz-Mat will continue to monitor air and rate of LPG volatilization.

##### 2.2.1.1 Planned Response Activities

Charlotte Haz-Mat will continue to conduct air monitoring to insure fire and explosion hazard is not created away from the exclusion zone.

##### 2.2.1.2 Next Steps

EPA is on stand-by and will remobilize if situation worsens.

##### 2.2.2 Issues

LPG is exempt from CERCLA Authority.

## 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.