

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
May 2010 Kentucky Floods - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #4  
SitRep 4  
May 2010 Kentucky Floods  
  
Frankfort, KY  
Latitude: 38.2159470 Longitude: -84.8670670

**To:**

**From:** Art Smith, On-Scene Coordinator

**Date:** 5/10/2010

**Reporting Period:** 1700 hrs. 05/07/2010 through 01700 hrs. 5/10/10

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> Stafford Act	<b>Response Type:</b> Emergency
<b>Response Lead:</b> FEMA	<b>Incident Category:</b> Removal Assessment
<b>NPL Status:</b> Non NPL	<b>Operable Unit:</b>
<b>Mobilization Date:</b> 5/5/2010	<b>Start Date:</b> 5/5/2010
<b>Demob Date:</b>	<b>Completion Date:</b>
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b>
<b>FPN#:</b>	<b>Reimbursable Account #:</b>

**Background:**

On May 2, 2010, severe storms crossed the Commonwealth of Kentucky in a wide northeasterly swath from Logan to Greenup Counties. The storm dropped as much as 10 inches of rain in certain areas, and Governor Steve Beshear has submitted a request for a Presidential Disaster Declaration.

Initial reports provided by Kentucky Department of Environmental Protection (KDEP) responders indicate that there are numerous floating tanks and other containers observed in flood-stricken areas, and there is documented evidence of oil spills in the vicinity of oil and gas production facilities.

EPA Region 4 has an On-Scene Coordinator and a START contractor at the KDEP Information Center in Kentucky gathering information on environmental impacts, and is awaiting a Mission Assignment from FEMA to assist the Commonwealth with mitigation and cleanup of oil and hazardous substance releases

1.1.1 Incident Category

Natural Disaster (Flooding)

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

KDEP responders from Regional Offices throughout the state continue to track reports of oil and hazardous substances releases. Currently, EPA is tracking 12 incident reports associated with the floods, some of which have been closed out, and only one of which is a high priority for action.

2.1.1.1 Current Situation

EPA OSC Smith contacted Emergency Management Directors in Casey County and Marion County, two of Kentucky's hardest hit counties. No hazmat related issues arising from the flood have been discovered there.

2.1.2 Response Actions to Date

During this operational period, KDEP received information from the Warren County EMS of a report of an abandoned well on Slim Island Road. Todd Johnston (KDEP) and EPA OSC Warren Dixon viewed the site from the air on 5/5/2010. (See attached image). The site was inspected on the ground by Todd and DOW Hydrologist Tom Nicotera on 5/6/2010. Staining now appears to be relegated to the surrounding vegetation. DOW inspector Dwight Cardwell stated there is an abandoned oil well in the field; a neighbor verified this information. KDEP is unable to pinpoint whether the source of the pollution is from an active or abandoned oil production facility

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

### 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

EPA has obtained grid maps for Kentucky which will be used for planning assessment activities

#### 2.2.1.1 Planned Response Activities

Any EPA-lead ESF-10 related response activities are on hold pending receipt of a Mission Assignment. Until such time, EPA's activities are limited to technical assistance including representation at the KDEP Information Center, and planning for assessment of actual or potential releases of oil and/or hazardous substances.

## 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

1 EPA On-Scene Coordinator (OSC) and 1 START member are working out of the KDEP Information Center in Frankfort, KY maintaining situational awareness.

## 5. Definition of Terms

No information available at this time.

## **6. Additional sources of information**

### **6.1 Internet location of additional information/report**

EPA will post other information published on this incident under the documents tab of the website [www.epaossc.org/2010kymayfloods](http://www.epaossc.org/2010kymayfloods)

### **6.2 Reporting Schedule**

EPA plans to publish a sitrep for this incident on a daily basis at 1700 hrs. The next sitrep will be published at 1700 hrs. on 05/10/10.

## **7. Situational Reference Materials**

No information available at this time.