

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Puncheon Camp Creek Oil Spill - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #2  
Flash Flooding Hampers Clean Up Efforts  
Puncheon Camp Creek Oil Spill

Allred, TN  
Latitude: 36.3282440 Longitude: -85.1967950

**To:**  
**From:** Perry Gaughan, On Scene Coordinator  
**Date:** 8/24/2010  
**Reporting Period:** 8/18/2010 thru 8/25/2010

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	Z4TC	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	OPA	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	8/11/2010	<b>Start Date:</b>	8/11/2010
<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>	

#### 1.1.1 Incident Category

Oil Pollution Act emergency response under EPA OSC \$50K authority

#### 1.1.2 Site Description

On Wednesday, August 11th, TDEC's Oil and Gas' Jeff Patton notified the OSC of a continuous release of crude oil from an abandoned well to Puncheon Camp Creek near Allred, Tennessee. Upon inspection, the OSC noted that over 100 yards of a tributary to Puncheon Camp Creek had been stained by oil and that the abandoned well was located in the flood plain of the creek.

##### 1.1.2.1 Location

The affected tributary to Puncheon Creek is located approximately five miles east of Livingston, Tenn in Overton County along State Route 85 near the small community of Allred, Tenn.

##### 1.1.2.2 Description of Threat

Crude oil and oily brine from an abandoned oil well has impacted a limestone formation along Puncheon Creek and crude is leaking into Puncheon Creek.

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

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

#### 2.1.2 Response Actions to Date

Six to seven inches of rain on Tuesday and Wednesday, August 17th and 18th led to flash flooding throughout the Overton County area resulting in creek levels rising four to five feet above normal August pool levels. Water levels along the flood plain of Puncheon Creek including the abandoned oil well were at least three feet above the flood plain and all clean up measures and crude oil containing measures were washed

away during this flash flood event.

The OSC inspected the area on Thursday, August 19th and found evidence that the normally narrow width of Puncheon Creek (20 feet) had exceeded 150 feet near the State Route 85 overpass from flood waters.

The OSC instructed ERRs contractors to replace boom as soon as was possible once creek levels receded. Errs mobed back to the area on Sunday, August 22nd and replaced boom at six locations along a 100 yard stretch of Puncheon Creek.

### 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

No information available at this time.

### 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.