

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Plains Pipeline Oil Spill - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #2  
**Progress**  
**Plains Pipeline Oil Spill**

**Pocahontas, IL**  
Latitude: 38.8317351 Longitude: -89.5980074

**To:** Mike Buss, City of Highland  
**From:** Andrew Maguire, OSC  
**Date:** 7/12/2015  
**Reporting Period:** 7/11/2015 - 7/12/2015

## 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> OPA	<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> 7/10/2015	<b>Start Date:</b> 7/10/2015
<b>Demob Date:</b>	<b>Completion Date:</b>
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b> IEPA
<b>FPN#:</b> E15520	<b>Reimbursable Account #:</b>

#### 1.1.1 Incident Category

Emergency Response related to an estimated 4,200 gallons of crude spilled from the Plains Pipeline pump station near Pocahontas, Illinois reported on Friday, July 10, 2015, with oil reaching Little Silver Creek and ultimately into Silver Lake. The oil is a Canadian Sour Crude Blend, an MSDS is located in the documents section of the website @ [www.epaosc.org/PlainsPipelineOilSpill](http://www.epaosc.org/PlainsPipelineOilSpill) .

#### 1.1.2 Site Description

At this time, the Plains Pipeline (MP-29) Release ER Site encompasses a 12 mile stretch of unnamed ditches combined into Little Silver Creek which ultimately discharges into Silver Lake.

##### 1.1.2.1 Location

The Plains Pipeline Release ER Site address is 17720 Baumann Road, Pocahontas, Illinois. The release site is at a petroleum pumping station.

##### 1.1.2.2 Description of Threat

While the upper most portions of the release site is in a rural agricultural environment, crude oil has been observed approximately 8 miles away in the upper portion of Silver Lake. The Highland, Illinois, Silver Lake is a 574 acre water-body for not only water and city.

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

Please refer to POLREP #1.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

Objectives for the response are as follows:

- Ensure the Safety of Citizens and Response Personnel

- Maximize Protection of Resources at Risk
- Contain and Recover Spilled Material
- Control the migration of product from source area
- Manage Coordinated Response Effort
- Identify, Recover and Rehabilitate Injured Wildlife
- Remove Oil from Impacted Areas
- Minimize Economic Impacts
- Keep Stakeholders and Public Informed of Response Activities
- Reactivate Pipeline with proper authorization
- Determine requirements to exit Emergency Response phase

Plains Pipeline has several staff on scene along with almost 200 contractors on scene to support response operations and organization.

### **2.1.2 Response Actions to Date**

The pipeline has been shut down since the discovery of the release.

5 Geographical Divisions (A through E) have been delineated to manage the response.

To date the following Operations have occurred:

- Installation of protection boom at drinking water intake in Silver Lake
- Monitoring and sampling of drinking water intake
- Containment and recovery of oil within ditches, Little Silver Creek and Silver Lake
- Environmental Monitoring and sampling for constituents of crude oil
- Night Shift operations have been established to monitor Collection Sites throughout all divisions and if during a rain event oil that is observed pooling at the collection sites, mobilize personnel to conduct vac truck operations

An IAP has been developed for the next operational period (7/13/2015-7/14/2015)

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

A Notice of Federal Interest was issued to Plains Pipeline on 7/11/2015.

### **2.1.4 Progress Metrics**

<b>Waste Stream</b>	<b>Medium</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Treatment</b>	<b>Disposal</b>
Oily Liquids	Recovered Oil & Water	59,593 gallons		NA at this time	NA at this time
Oil Impacted Sorbent	Sorbent Pad and Boom	25 cubic yards		Land Applied	Landfill
Crude Oil Impacted Solids	Misc. Debris/Rock/Soil	110 cubic yards		Land Applied	Landfill

## **2.2 Planning Section**

### **2.2.1 Anticipated Activities**

Additional personnel and equipment resources continue to arrive on-scene with Plains Pipeline and its various response contractors.

Develop remediation and disposal plan for impacted areas

#### **2.2.1.1 Planned Response Activities**

The following tasks are anticipated to continue into the next operational period:

- Monitoring of protection boom at drinking water intake in Silver Lake
- Monitoring and sampling of drinking water intake
- Containment and recovery of oil within ditches, Little Silver Creek and Silver Lake
- Environmental Monitoring and sampling for constituents of crude oil.
- Assessment of extent of contamination
- Continue water sampling around water intake
- Conduct continuous air monitoring per approved plan
- Conduct environmental sampling per approved plan
- Monitor waste streams and reporting to UC daily
- Develop IAP for next operational period beginning at 0600 hours on 7/14/2015 to 0600 hours on 7/15/2015.
- Continue participation in the ICS structure to plan, strategize and execute objectives and tactics as related to current and next operational period for logistics and planning requirements.
- Perform Rapid Shoreline Assessments of Divisions A - E.

- Flush ditches near site to remove oil from surfaces and collect at underflow dams.

#### **• 2.2.1.2 Next Steps**

Continue the aggressive protection of the municipal water supply intake.

Pending approval, considerations are being made to return the pipeline to full operation.

Identify response milestones to move into recovery phase.

#### **2.2.2 Issues**

At this time, no recreational boats will be allowed to access Silver Lake. The City of Highland has elected to close the Silver Lake Park area due to concerns of safety from vehicular traffic.

### **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**

#### **2.5.1 Safety Officer**

Safety briefings are held at the beginning of each operational period and the beginning of each new assignment.

JSA are being conducted in the field.

#### **2.5.2 Liaison Officer**

Plains Pipeline and City of Highland have set up an alternate water supply system should it be necessary.

#### **2.5.3 Information Officer**

The Plains Pipeline PIO is disseminating information to the moderate level of media interest and members of the public who call the Plains Hotline number.

## **3. Participating Entities**

### **3.1 Unified Command**

In place with operational periods planned for and executed on a 12-hour rotation basis.

### **3.2 Cooperating Agencies**

PHMSA  
Illinois Environmental Protection Agency  
City of Highland, Illinois  
Illinois Department of Natural Resources

## **4. Personnel On Site**

USEPA	1
START	3
RP	20
RP Contractors	90

## **5. Definition of Terms**

No information available at this time.

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

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

[www.epaosc.org/PlainsPipelineOilSpill](http://www.epaosc.org/PlainsPipelineOilSpill)  
[www.mp29response.com](http://www.mp29response.com)

### **6.2 Reporting Schedule**

POLREPS will be reported on a daily basis until further notice.

## **7. Situational Reference Materials**

No information available at this time.

