

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
CHS Tank Truck Spill - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region X

**Subject:** POLREP #5  
CHS Tank Truck Spill  
E15007  
Republic, WA  
Latitude: 48.3379200 Longitude: -118.7494500

**To:**  
**From:** Earl Liverman,  
**Date:** 6/22/2015  
**Reporting Period:** 5/27/2015 - 6/18/2015

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	E15007	<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>	5/19/2015	<b>Start Date:</b>	5/19/2015
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	Colville Confederated Tribes
<b>FPN#:</b>	E15007	<b>Reimbursable Account #:</b>	Z0ED

#### 1.1.1 Incident Category

Refer to POLEP No. 1

#### 1.1.2 Site Description

Refer to POLREP No. 1

##### 1.1.2.1 Location

Refer to POLREP No. 1

##### 1.1.2.2 Description of Threat

Refer to POLREP No. 1

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

Refer to POLREP No. 1

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

OSC Liverman assumed lead OSC from Greg Weigel on 10 June 2015.

#### 2.1.2 Response Actions to Date

Refer to prior POLREPs for a discussion of actions prior to this reporting period.

- RP contractors on-site in support of 24-hour operations include: GeoEngineers, Inc.; Able Cleanup Technologies; Environmental West; Big Sky Industrial; and Eclipse.
- Continued monitoring of boom deployed in the Sanpoil River for the presence of petroleum contamination; no visible product or sheen has been observed in the river or on absorbent materials.
- Equipment on-site includes: 2 vacuum trucks; 2 21,000 gal Baker tanks and 1 8,000 gal tank near the release; 23 21,000 gal Baker tanks at the nearby WSDOT facility; 2 10,000 poly tanks at the WSDOT facility; 1 activated carbon filter treatment system at the WSDOT facility; 3 air compressors for sparging effluent tanks; and other support equipment such as generators, light plants, contractor vehicles, etc.
- LNAPL skimming pumps in recovery wells RW-9 and RW-10 are operated continuously and surged every hour to skim LNAPL from the wells. Skimming is performed until visible LNAPL is not observed in the discharge line. The deep pump in well RW-10 runs continuously to maintain a cone of depression on the

groundwater table. A skimming pump in RW-8 is activated approximately once every half hour and surged until LNAPL is no longer observed in the discharge line.

- Continued surface water, groundwater, and waste disposal, and effluent sampling. Data for surface water quality samples were all non-detect.
- Continued traffic control with one lane of Highway 21 closed through the site.
- EPA and Colville Tribes reviewed draft Interim Petroleum Remediation Work Plan developed by GeoEngineers for Able Cleanup Technologies.

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

Refer to POLREP No. 1

### 2.1.4 Progress Metrics

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

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

- Continue recovery of liquid and vapor phase product from RW-3, RW-5, RW-8, RW-9, and RW-10.
- Collect groundwater, surface water, and effluent samples.
- Continue to monitor river and absorbent materials for discharge to river.

### 2.2.1.1 Planned Response Activities

Continue groundwater extraction and treatment and soil vapor extraction activities, and sampling and monitoring activities. Continue to review 'Interim Petroleum Remediation Work Plan.'

### 2.2.1.2 Next Steps

Continue to evaluate/improve the interim petroleum removal activities (i.e., improve the efficiency of extraction and treatment systems), and continue to review/finalize the 'Interim Petroleum Remediation Work Plan.'

### 2.2.2 Issues

The final disposition of treated groundwater is not yet resolved (i.e., collected and treated groundwater is being stored temporarily on-site pending its final disposition (i.e., disposal at a nearby POTW or land application). Ongoing discussion with Washington State Department of Ecology and Kettle Falls POTW are ongoing.

## 2.3 Logistics Section

On-site communications are challenging due to the remote location of the incident.

## 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

EPA  
CHS Inc.  
Colville Confederated Tribes

### 3.2 Cooperating Agencies

U.S. Fish and Wildlife Service  
WA DOT

## 4. Personnel On Site

As of 5/27/2015:

EPA OSC - 1 (off-site with periodic site visits)  
CHS Inc. - 1 (off-site with periodic on-site visits)  
Colville Confederated Tribes - 1 (off-site with periodic site visits)  
WSDOT - 1 (off-site with periodic site visits)  
PRP Contractor, Able Cleanup Technologies - approximately 13  
PRP Contractor, GeoEngineers - approximately 4

**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.