

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Cascade Petroleum Tank Truck Rollover - Removal Polrep
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: POLREP #1
Initial and Final
Cascade Petroleum Tank Truck Rollover

Oakridge, OR
Latitude: 43.7202922 Longitude: -122.3344464

To:
From: Kathy Parker, FOSC
Date: 3/13/2012
Reporting Period: 3/12/2012-3/15/2012

1. Introduction

1.1 Background

Site Number:	10ZZ	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	3/12/2012	Start Date:	3/12/2012
Demob Date:	3/14/2012	Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E12009	Reimbursable Account #:	

1.1.1 Incident Category

1.1.2 Site Description

A tanker truck operated by Cascade Petroleum Transportation turned over on eastbound HWY 58 approximately 1/4 mile southeast of milepost marker 31. The truck overturned onto the southeastbound side of the highway, rupturing both tanker trailers, with a total carrying capacity of 10,000 gallons. The rear trailer spilled 1,700 gallons diesel fuel, and the front tank spilled 2,500 gallons of gasoline, totaling 4,200 gallons of fuel spilled into an unnamed tributary of the Middle Fork of the Willamette River. The unnamed tributary is located on the opposite side of the road from the river.

1.1.2.1 Location

The spill is located on the eastbound side of Highway 58, approximately 1/4 mile east of milepost marker 31. The nearest community is Westfir, Oregon. The nearest town with services is Oakridge, Oregon. The spill occurred on wooded Forest Service land and wetland.

1.1.2.2 Description of Threat

A substantial amount of fuel was released to the creek and wetland and has the potential to enter the Middle Fork of the Willamette River. Threatened species such as Spotted Owl and Pacific Salamander live on the affected land.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

No visual evidence has been reported of the spill reaching the Middle Fork of the Willamette (Middle Fork). A total of six (6) water samples were collected on 3/12/12. Three samples were collected in the Middle Fork of the Willamette River: one background sample (BG-Will-1), collected upstream of the confluence of the unnamed tributary and the Middle fork; one sample (Will-1), collected inside the hard boom at the mouth of the unnamed tributary in the Middle Fork; and one sample (Will-2), collected 400 ft downstream of the confluence of the unnamed tributary and the Middle Fork. Three samples were collected in the unnamed tributary: one samples (Creek-1), collected downstream of the underflow dam on the downstream side of the 24" culvert passing under highway 58; one sample (Creek-2), collected downstream of the rock underflow dam constructed on the eastbound side of Highway 58; and one sample (Creek-3), collected at the upstream end of the pond, approximately 100 yards upstream of the rock underflow dam. Sample collection was performed by the Sprecher Group, as subcontracted by SMAF, the contractor for the RP. Laboratory analysis to be performed with a 24-hr turnaround time, by Neilsen Research Corporation, located in Medford, OR. Lab results of water samples collected 3/12/2012 are still pending. Preliminary results reported on 3/13 indicated all samples were non-detect for gasoline, diesel and benzene except for water

sample Creek-1 which was collected in a pond of fuel.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Response activities are being conducted by the RP's contractor, SMAF Environmental.

2.1.2 Response Actions to Date

Two underflow dams have been installed: a rock underflow dam constructed on the eastbound (upstream) side of the unnamed tributary at the 24" culvert crossing under Highway 58, and a second one approximately halfway between the westbound (downstream) side of the 24" culvert mouth exiting under Highway 58 and the confluence of the unnamed tributary and the Middle Fork of the Willamette River. SMAF deployed sorbent booms and pads along the length of the unnamed tributary from the scene of the crash to the confluence of the unnamed tributary and the Middle Fork of the Willamette River. Hard boom was placed in the river at the mouth of the unnamed tributary. The sorbent pads and booms are being monitored and replaced as necessary by SMAF. Two skimmers have been installed in the tributary near milepost marker 31. On Wednesday, ODEQ began delineating the extent of contaminated soil and marking the extent with flags. Excavation to remove contaminated soil began on Wednesday morning and contaminated soil will be hauled to Coffin Butte landfill, an approved disposal site.

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

Cascade Petroleum Transportation is identified as the RP and was given a Notice of Federal Interest by OSC Kathy Parker on Tuesday night, March 13, 2012.

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

Air sparging began in the unnamed tributary to sparge volatiles from water column. Large volume fans will be installed to dissipate fumes.

2.2.1.1 Planned Response Activities

SMAF will excavated contaminated soil and blot and vacuum spilled fuel until the site is cleaned to a level acceptable to the Forest Service and ODEQ.

2.2.1.2 Next Steps

The Forest Service will provide specifications on site restoration and SMAF will return the site to an acceptable condition

2.2.2 Issues

None

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

SMAF designated one of their employees to act as Site Safety Officer. A Health and Safety plan was prepared and approved on Tuesday night.

2.5.2 Liaison Officer

2.5.3 Information Officer

ODEQ, EPA and the Forest Service have all designated a PIO in case one is needed. So far no press releases have been issued. Reporters interviewed ODEA, EPA, SMAF and Forest Service staff on Tuesday morning.

3. Participating Entities

3.1 Unified Command

Incident Command was unified under EPA, ODEQ, the Forest Service and Cascade Petroleum represented by SMAF Environmental. Activities were running on a 24-hour operational period with an IAP produced around 1700 hours each day.

Once the cleanup operations was initialized, OSC Parker and EPA START contractors demobilized from the site since ODEQ and Forest Service responders were effectively managing and overseeing the responsible

party's cleanup activities. EPA will remain engaged in a liaison capacity as long as the response is proceeding appropriately.

3.2 Cooperating Agencies

EPA, ODOT, USFS, ODEQ, NOAA, OSP

4. Personnel On Site

Name, Agency, Position

Richard Franklin, EPA, OSC (initial OSC on site 3/12)

Kathy Parker, EPA, OSC

Tom Kichenmaster, SMAF, Project Manager

Brynn Thoms, DEQ, Environmental Lead

Bryan Ciecko, EnE, START

Maren Fulton, EnE, START

Wes Gibbs, DEQ, OSC

Jeff Brown, DEQ,

Terry Sprecher, Sprecher Group, Project Manager

John Worthington, SMAF, Safety Officer from 3/12-3/13

Kevin Kinny, ODOT, Environmental Lead

Jim Potts, ODOT,

Sgt. Hinkle, State Patrol,

Mike Knight, Cascade Petroleum Transportation/ BlueLine, Safety Director

5. Definition of Terms

No information available at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

http://epaosc.org/site/site_profile.aspx?site_id=7675

6.2 Reporting Schedule

A final Polrep will be issue at the concluision of EPAs involvement in on-site activities.

7. Situational Reference Materials

No information available at this time.