

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Tukwila Tire Fire - Removal Polrep  
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region X

**Subject:** POLREP #1  
Initial and Final  
Tukwila Tire Fire  
  
Tukwila, WA  
Latitude: 47.4823580 Longitude: -122.2531150

**To:**  
**From:** Jeffrey Fowlow, On-Scene Coordinator  
**Date:** 10/28/2010  
**Reporting Period:** October 27, 2010

## 1. Introduction

### 1.1 Background

|                            |            |                                |            |
|----------------------------|------------|--------------------------------|------------|
| <b>Site Number:</b>        | 10ZZ       | <b>Contract Number:</b>        |            |
| <b>D.O. Number:</b>        |            | <b>Action Memo Date:</b>       |            |
| <b>Response Authority:</b> | CERCLA     | <b>Response Type:</b>          | Emergency  |
| <b>Response Lead:</b>      | EPA        | <b>Incident Category:</b>      |            |
| <b>NPL Status:</b>         | Non NPL    | <b>Operable Unit:</b>          |            |
| <b>Mobilization Date:</b>  | 10/27/2010 | <b>Start Date:</b>             | 10/27/2010 |
| <b>Demob Date:</b>         | 10/28/2010 | <b>Completion Date:</b>        | 10/28/2010 |
| <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

Emergency Reponse to a tire fire.

#### 1.1.2 Site Description

The tire fire occurred at a salvage yard which is located at 13536 Beacon Coal Mine Road South, Tukwila, Washington. The salvage yard is currently active. The salvage yard is the location of a previous tire fire in 2005.

##### 1.1.2.1 Location

The site is in a mixed industrial residential area on a hillside above the Duwamish River.

##### 1.1.2.2 Description of Threat

The fire presented a potential threat of hazardous substances being released to the air. Additionally, runoff from fire fighting activities posed a potential threat of a release to the Duwamish River and adjacent wetlands. The Duwamish River provides habitat for salmon.

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

Four locations in nearby residential areas were monitored for total suspended particulates, volatile organic compounds and cyanide. The results indicate concentrations near background levels.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

EPA and START conducted air monitoring for particulates, volatile organic compounds, and cyanide near the tire fire and in surrounding residential neighborhoods using hand-held instrumentation. While concentrations of particulates were elevated immediately adjacent to the fire scene, air monitoring results were determined to be within background concentration ranges in the surrounding neighborhoods. When the fire was extinguished approximately 10:00 PM that night, particulate concentrations even in the area adjacent to the fire scene were reduced to background levels.

#### 2.1.2 Response Actions to Date

Air monitoring was conducted near the incident and in surrounding residential neighborhoods.

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

#### 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

Personnel from King County Roads Maintenance Section surveyed the site and the wetlands area the day following the fire (October 28). During their inspection, storm water was flowing clear with only minor accumulations of fire-fighting foam observed. They concluded further actions were not warranted.

There are no further anticipated activities associated with this incident.

##### 2.2.1.1 Planned Response Activities

##### 2.2.1.2 Next Steps

##### 2.2.2 Issues

#### 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

##### 3.1 Unified Command

##### 3.2 Cooperating Agencies

Tukwila Fire Department, Renton Fire Department, King County District 20, Washington State Department of Ecology, King County Roads Maintenance Section, Boeing Fire Department, US Environmental Protection Agency (and Technical contractors, Ecology and Environment) responded to the incident.

#### 4. Personnel On Site

Jeffrey Fowlow - EPA OSC  
Michael Boykin - EPA OSC  
5 START Personnel

#### 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.