

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Jorgensen-Forge Outfall Site (Boeing) - Removal Polrep  
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region X

**Subject:** POLREP #3  
Final  
Jorgensen-Forge Outfall Site (Boeing)  
WAN0002329803  
Seattle, WA  
Latitude: 47.5302879 Longitude: -122.3064796

**To:** Peter Dumaliang, King Couty International Airport  
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**Date:** 4/7/2011

**Reporting Period:** 03/01/2011 to 03/31/2011

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	10JA	<b>Contract Number:</b>	EP-S7-06-02
<b>D.O. Number:</b>	N/A	<b>Action Memo Date:</b>	9/30/2010
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	PRP Oversight
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	N/A
<b>Mobilization Date:</b>	1/24/2011	<b>Start Date:</b>	2/2/2011
<b>Demob Date:</b>	3/31/2011	<b>Completion Date:</b>	3/31/2011
<b>CERCLIS ID:</b>	WAN0002329803	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>	N/A	<b>State Notification:</b>	N/A
<b>FPN#:</b>	N/A	<b>Reimbursable Account #:</b>	N/A

#### 1.1.1 Incident Category

Time critical removal action.

#### 1.1.2 Site Description

The Jorgensen Forge Outfall Site consists of two outfall pipes, a 24-inch and adjacent 15-inch, buried just south of the current Jorgensen Forge facility's northern boundary with the adjacent Boeing Plant 2 facility. Both pipes discharged into the Lower Duwamish Watershed (LDW). The LDW was listed on the National Priority List ("NPL") in September 2001 (CERCLIS No. WA0002329803). In 2002, the Washington Department of Ecology ("Ecology") added the LDW to the Hazardous Site List under Facility Site identification No. 42927743.

##### 1.1.2.1 Location

The Site is located along the northern boundary of the adjacent Jorgensen and Plant 2 facilities. The street address is 8531 East Marginal Way South, Seattle, Washington, 98108. The approximate location of the east end of the 24-inch PLSD is 47° 31'37.82" North Latitude; 122° 18'13.59" West Longitude.

The Site and surrounding area are primarily industrial. The nearest school (Concord Elementary) is approximately 0.75 miles west-southwest. The closest residences are within a mile are to the west in the South Park neighborhood across the LDW.

##### 1.1.2.2 Description of Threat

Numerous environmental investigations have documented the presence of PCBs in the PLSD pipes which discharge to the LDW. Total PCBs have been detected at concentrations as high as 10,000 mg/kg in a sample collected from the 24-inch PLSD. Multiple samples exceed both the MTCA cleanup level for industrial soil (10 mg/kg) and EPA Regional Screening Levels for industrial soil and the protection of groundwater (0.74 and 0.0088 mg/kg, respectively, for Aroclor 1254).

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

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

The primary activity on the site at this time is demobilization. Upon the completion of the cleaning and sealing of the 24 and 12-inch clay pipes, the de-watering system was dis-assembled. Samples of the water and the solids were taken to determine proper disposal options. Results are pending. Once the lab data is reviewed, the water and solid waste will be properly disposed.

The ground area around and above where the two west CMP transitional point 12-inch PVC risers was dressed out to established the grade to its original level.

#### 2.1.2 Response Actions to Date

None needed

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

Not Applicable

#### 2.1.4 Progress Metrics

<b>Waste Stream</b>	<b>Medium</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Treatment</b>	<b>Disposal</b>
Solids and Debris	Organic	45 cubic yards			CHEM. WASTE MGT
Soil Cuttings	Non Organic	2 Drums			CHEM. WASTE MGT
Decon Water	Non Organic	4 Drum			BURLINGTON ENV

### 2.2 Planning Section

#### 2.2.1 Anticipated Activities

See Operations section

##### 2.2.1.1 Planned Response Activities

None

##### 2.2.1.2 Next Steps

- Decontamination of equipment
- Dewatering of solids
- Offsite shipment of solids to authorized disposal facility
- Application for discharge permit for wash waters
- Disposal of wash waters
- Demobilization
- Report preparation

##### 2.2.2 Issues

None

### 2.3 Logistics Section

Excavation equipment not needed for the de-mobilization activity was properly decontaminated and removed from the site. The vacuum truck was also decontaminated before departing the site. The solid roll-off containers and water tanks remain onsite pending sampling results. The RP environmental contractor monitored the secondary containment for the solid roll-off and water holding tanks(Baker tanks). Any rain water was transferred to the water holding tanks with portable pumps.

### 2.4 Finance Section

No information available at this time.

### 2.5 Other Command Staff

#### 2.5.1 Safety Officer

Safety responsibilities were delegated to the individual contractors working onsite during the de-mobilization activity. RP and facility consultants on-site during specific de-mobilization phase also provide health and safety guidance as needed.

#### 2.6 Liaison Officer

N/A

**2.7 Information Officer**

**2.7.1 Public Information Officer**

N/A

**2.7.2 Community Involvement Coordinator**

N/A

**3. Participating Entities**

**3.1 Unified Command**

**3.2 Cooperating Agencies**

WDOE

City of Tukwila

King County Airport

EPA RCRA

EPA Remedial Program

**4. Personnel On Site**

The number of personnel varied onsite based on the work load. This accounting is the maximum that would be onsite at any one time during a normal work day during the de-mobilization phase.

Facility Environmental Consultant - 1

RP Environmental Consultant - 1 as needed

RP Environmental Contractor - 2-3 as needed based on the type of work activity.

**5. Definition of Terms**

CMP: Corrugated Metal Pipe

CDF: Controlled Density Fill

IC: Incident Commander

JF: Jorgensen Forge

RP: Responsible Party

**6. Additional sources of information**

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

**6.2 Reporting Schedule**

Completion of storm pipe cleaning (Feb 21-22th)

Sealing of remaining manholes (Feb 23-24th)

Dewatering of Soil Bins (Week of March 7th)

Wash water permitting, treatment, discharge and/or disposal (Week of March 21st)

Transport of soil bins to TSD (Week of March 21st)

Demobilization (Week of March 28th)

Transmittal of completion report (60 days following completion of field demobilization)(May 30th)

**7. Situational Reference Materials**

No information available at this time.