

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Blair Waterway TBT - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: POLREP #4
Progress
Blair Waterway TBT
10MY
Tacoma, WA
Latitude: 47.2734526 Longitude: -122.4079141

To:
From: Kathy Parker, OSC
Date: 1/21/2016
Reporting Period: 12/3/2015 to 1/21/2016

1. Introduction

1.1 Background

Site Number:	10MY	Contract Number:	
D.O. Number:		Action Memo Date:	1/27/2015
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	4/13/2015	Start Date:	4/13/2015
Demob Date:		Completion Date:	
CERCLIS ID:	WAD980726368	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Time Critical Removal Action

1.1.2 Site Description

Tributyl tin-contaminated sediments under Pier 4 in Tacoma, Washington.

1.1.2.1 Location

1 Sitkum Way, Tacoma, WA

1.1.2.2 Description of Threat

Tributyltin at levels exceeding 50,000 ug/kg were found in the sediments under Pier 4 during a predredge sampling performed by the Port of Tacoma in 2013. Tributyltin is an environmental toxin affecting mollusks and was banned in the 1990s.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The Port of Tacoma collected and analyzed samples of sediment under Pier 4 in July 2014 to determine the extent and depth of contamination. Results indicated a removal action was necessary to dredge and remove approximately 50,000 cubic yards of sediment.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On 12/30/2015, the Port of Tacoma's contractor, OMI, completed the initial dredging which consisted of two passes over the footprint of contaminated sediment. A survey was conducted on 12/31/2015 and sampling of the surface sediments began on 1/4/2016. The lab started reporting preliminary bulk TBT results on 1/6/2016 and TBT pore-water results on 1/8/2016. Pore-water results indicated that extensive low level TBT contamination remained in many of the dredge management units. After consulting with EPA and the

DMMP, the Port agreed to re-dredge an additional foot from the affected units. OMI finished removing all the remaining broken pilings and started re-dredging on 1/18/2016.

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

The Port of Tacoma is the PRP performing the removal action. Research is being conducted to identify additional 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>
TCT contaminated	sediment	59,835 ton	many	landfill	LRI, Tacoma

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

Contaminated dredging and operation of the transload and water treatment site at APM terminal is expected to continue into February 2016.

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

No information available at this time.

4. Personnel On Site

EPA

The Port of Tacoma

Orion Marine Contractors (OMI)

Subcontractors to OMI

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.