

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: POLREP #5
Progress
Blair WaterwayTBT
10MY
Tacoma, WA
Latitude: 47.2734526 Longitude: -122.4079141

To:
From: Kathy Parker, OSC
Date: 2/18/2016
Reporting Period: 1/19/2016 to 2/18/2016

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 1/18/2016, the Port of Tacoma's contractor, OMI, began re-dredging dredge management units DMU 3, 4, 6, 7, 8 and continued on to dredge the external dredge management units waterward from the initial dredge footprint until completion on 2/15/2016. Pore-water and bulk sampling conducted on 1/29/2016 of the surface and depth sediments in DMUs 3, 4, 6, 7, and 8 indicated all had surface contamination only. After consulting with EPA and the DMMP, the Port agreed to re-dredge an additional foot from the affected units

without the need for additional sampling. On 2/8/2016, the OSC notified the resource agencies that contaminated dredging and pile pulling would continue into the first week of the fish window. The second dredging of the five DMUs occurred between 2/15 and 2/17/2016. On 2/17/2016, part of the bank above DMU4 collapsed before that section could be dredged. Since the contamination in that DMU was minimal, (0.16 ppb for an action level of 0.15 ppb TBT in porewater) EPA agreed that no additional dredging in the remaining 40% of DMU4 was necessary. On 2/18/2016, the Port provided the OSC with the bucket map showing that the required areas were dredged. The same day, the OSC issued a letter to the Port stating EPA agrees that the tributyl tin-contaminated sediments have been completely removed.

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

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
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

Final cleanup tasks from the contaminated dredging and operation of the transload and water treatment site at APM terminal are expected to continue into April 2016. A half day of in-water pile pulling will occur in March to remove the barge fender pilings from the APM terminal pier.

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.