U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Pier 99 - Portland - Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: **POLREP #4**
Progress
Pier 99 - Portland

Portland, OR
Latitude: 45.6063108 Longitude: -122.6825854

To:
From: Angie Zavala, OSC
Date: 9/26/2013
Reporting Period: 9/20/2013 to 9/26/2013

1. Introduction

1.1 Background

Site Number:	10KM	**Contract Number:**	
D.O. Number:		**Action Memo Date:**	8/15/2013
Response Authority:	CERCLA	**Response Type:**	Non-Time-Critical
Response Lead:	PRP	**Incident Category:**	Removal Action
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	9/9/2013	**Start Date:**	
Demob Date:		**Completion Date:**	
CERCLIS ID:	ORN001002699	**RCRIS ID:**	
ERNS No.:		**State Notification:**	
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category
CERCLA - non-time critical removal action.

1.1.2 Site Description
Refer to inicial PolRep for a discussion of the site conditions and background.

1.1.2.1 Location
The site is at1610 North Pier 99 in Portland, Oregon on the bank of the Columbia River.

1.1.2.2 Description of Threat
Refer to inicial PolRep.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results
Refer to inicial PolRep.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

9/20/2013
Terra Hydr jetted the concrete discharge line from the manhole. The contents and rinsate were collected and containerized. Following cleaning, the pipe was removed to the vault. A thin layer of discolored soil was discovered just beneath the asphalt concrete for a section of the pipe run. The material was field screened and separately stored, approximately 2 yards of material.
A drop box of soil from the end of pipe excavation was delivered to a Waste Management facility in Hillsboro, OR.

9/23/2013
The work conducted at Pier 99 on Monday September 23, 2013 consisted of the initial construction of the access road along the slope, and removal of the Gravel Filter manhole vault. The access road that was planned to be installed along the slope below the asphalt parking parking area was only partly constructed. During initial construction more of the green sandblast material was identified. In addition, a blue sandblast material was also identified. Both of these wastes were removed and placed into the contaminated soil stockpile area. John Foxwell (APEX) visited the site and due to the large surface disturbance and level of

effort, he decided that they would cease building the access road and instead use manual labor to remove the metal debris and re-grade the slope below the Pier 99 building. The Gravel Filter manhole vault was removed by the end of the day.

9/24/2013
Work conducted at Pier 99 on Tuesday September 24, 2013 consisted of excavation of the gravel filter and associated manhole vault. Approximately 8 dump truck loads of material from the Gravel Filter, and the vegetation stockpile were removed from the site and delivered to a Waste Management facility in Hillsboro, OR.

9/25/2013
Work conducted at Pier 99 on Wednesday September 25, 2013 consisted of the collection of eight confirmation samples from the Gravel Filter Removal Area, and beginning construction of the sandbag retainer wall. Apex collected two confirmation samples from the bottom of the excavation; one approximately 30-feet from the western terminus of the excavation, and one approximately 30-feet from the eastern terminus of the excavation. in addition, six confirmation samples were collected from the (vertical) mid-point of the side wall of the excavation, in 20-foot (horizontal) intervals. Each sample was collected by placing sample material into a decontaminated stainless steel bowl using a decontaminated stainless steel spoon. The material was then homogenized and placed into two pre-cleaned 8-oz glass jars for laboratory analysis of the following chemicals of concern;
-Pesticides,
-PCB's,
-Organotins,
-Total Metals, and,
-SVOC's.
In addition to laboratory analysis, Apex also conducted field screening for VOC's and Sheen, using a miniRAE 3000 for head space, and adding water for the sheen test. Results of field screening were negative.

Terra Hydr Began construction of a retaining wall using Envirolok sand bags. The retaining wall is being constructed beneath the main building due to the steep nature of the slope.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)
A PRP has been identified and is conducting removal action under the oversight of the United States Environmental Protection Agency and in accordance with an Administrative Settlement Agreement and Order on Consent pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The PRP has contracted Apex Companies, LLC. to design and implement the removal activities.

2.2 Planning Section
2.2.1 Anticipated Activities
Continue working on bank stabilization and debris removal, removal of contaminated area identified in the 2009 EPA Site Assessment Report, and removal of sandblasting grit material identified near the footing of the former crane. In addition confirmation samples will be collected from areas where soil/grit has been removed.

2.2.1.1 Planned Response Activities
Re-grading of bank soils, and placement of jute matting and seeding of the bank.

2.2.1.2 Next Steps

2.2.2 Issues

Bank stabilization activities in the area around the Gravel Filter outfall are on hold until results of the confirmation sampling have been received.

Since the Gravel Filter outfall was not located in the vicinity of historic sample location WS02SS, additional soil removal and confirmation sampling will be necessary.

On Friday September 20, 2013, about 10 feet into the bank along the pipe alignment, Terra Hydr encountered a second, smaller pipe that was coming from the north. They marked the location with GPS and planned to seal the end. After consultation with the ODOT, APEX learned that the pipe was not related to any other drainage system. The pipe will be removed.

On Monday September 23, 2013, more of the green sandblast material was identified. In addition, a blue sandblast material was also identified. A removal plan was discussed and APEX agreed to remove the soil and to conduct confirmation sampling according to the removal action work plan.

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

N/A

3.2 Cooperating Agencies

No information available at this time.

4. Personnel On Site

Apex Companies LLC. 2
Terra Hydr Inc. 3
E&E, Inc START 1
EPA 1

5. Definition of Terms

EPA- Environmental Protection Agency
MCDD- The Multnomah County Drainage District
OSC- On-Scene Coordinator
E&E, Inc- Ecology and Environmental Inc.
START- Superfund Technical Assessment & Response Team
PID- Photo Ionization Detector
PVC- Poly Vinyl Chloride

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.