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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: **POLREP #3**
Progress
Pier 99 - Portland

Portland, OR
Latitude: 45.6063108 Longitude: -122.6825854

To:
From: Angie Zavala, OSC
Date: 9/19/2013
Reporting Period: 9/16/2013 - 9/19/2013

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

9/16/2013
Work was not conducted at Pier 99 on Monday September 16, 2013 due to Terra Hydr having an unexpected schedule conflict.

9/17/2013
The work conducted at Pier 99 on Tuesday September 17, 2013 consisted of finishing the removal of the metal cylinder removed from the slope near the Pier 99 building on 9/13/2013 and locating the Gravel Filter outfall.

The oil/water mix from the metal cylinder was transferred into 3 - 55 gallon drums using a bladder pump. Oily sludge was present on the surface of the water in the drums. An access hole was then cut into the cylinder to allow it to be cleaned prior to disposal. The cylinder was cleaned by wiping the interior with paper towels and then washing it with a water and Alconox. The paper towels and waste water were placed into a 55 gallon drum.

The Gravel Filter outfall was identified using a pipe locating kit. The outfall location was half way between the ordinary high water line and the asphalt parking area. The outfall was not located in the vicinity of former sample location WS02SS as suspected by APEX. The outfall pipe was a corrugated steel pipe, not the concrete pipe seen near the manhole.

9/18/2013
The work conducted at Pier 99 on Wednesday September 18, 2013 consisted of removing the lower part of the Gravel Filter outfall pipe and the soil in the area around the Gravel Filter outfall.

APEX field screened (visual, sheen test, and PID) the soils in the area around the Gravel Filter outfall.

Starting from the Gravel Filter outfall, Terra Hydr began excavating the outfall pipe. The outfall pipe was a corrugated steel pipe approximately 12" in diameter. The corrugated steel pipe connected into a concrete pipe at the edge of the asphalt parking area. In the soil excavation, a well compacted gravel/asphalt surface was present approximately 3 feet below the current ground surface. The corrugated steel pipe was coated in what appeared to be asphalt oil. The corrugated pipe was disconnected from the concrete pipe and its contents were placed into the contaminated soil stockpile.

APEX delineated the extent of the soil to be removed from the area around the Gravel Filter outfall by field screening the soils. The field screening consisted of determining the visual characteristics, conducting a sheen test, and analyzing the soil's head space with a PID. The key visual characteristic was to include all the soils with green sandblast material within the area to be excavated. An area approximately 26 feet wide by 20 feet long by 2 deep was excavated in the area near the Gravel Filter outfall. This material filled a 20 cubic yard lined, drop box. The soil at the base of the excavation consisted of large chunks of concrete mixed with dredge sand. A lens of green sandblast material was left in place at the edge of the asphalt parking area where it continued under the asphalt. APEX's field staff did not want to remove part of the asphalt parking area until consulting with the APEX project manager.

9/19/2013
The work conducted at Pier 99 on Thursday September 19, 2013 consisted of preparing the slope for stabilization and confirmation sampling in the excavation near the Gravel Filter outfall.

Three 0 - 6 inch soil samples were collected from the base of the Gravel Filter outfall excavation.

Terra Hydr was conducting additional vegetation removal along the slope below the Pier 99 building.

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 the bank stabilization, remove gravel filter, clean and remove discharge line.

2.2.1.1 Planned Response Activities
Continuation of vegetation removal from the bank, re-grading of bank soils, and placement of jute matting and seeding of the bank. The gravel filter area and discharge/outfall from the filter will be removed as outlined in the work plan and collection of confirmation sampling in the gravel filter area.

2.2.1.2 Next Steps
On September 20, 2013 Terra Hydr is planning to complete the removal of the Gravel Filter pipe and possibly begin excavating the materials within the Gravel Filter. In addition, the lens of green sandblast material left at the edge of the asphalt parking area will be removed, including the asphalt in the northeast corner of the asphalt parking area.

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.

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. 5
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.