

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Banks Mercury Spill - Removal Polrep
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: POLREP #1
Initial and Final
Banks Mercury Spill
10NX
Banks, OR
Latitude: 45.6140296 Longitude: -123.1077673

To:
From: Kathy Parker, OSC
Date: 4/21/2015
Reporting Period: 04/16/2015 - 04/17/2015

1. Introduction

1.1 Background

Site Number:	10NX	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	4/16/2015	Start Date:	4/16/2015
Demob Date:	4/17/2015	Completion Date:	4/17/2015
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	2015-0802
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response, Time-Critical Removal Action

1.1.2 Site Description

Private driveway in front of a private home in a housing community in Banks, Oregon.

1.1.2.1 Location

12946 NW Maple Crest Loop, Banks, Oregon

1.1.2.2 Description of Threat

Approximately one half teaspoon of mercury spilled to a sloped aggregate concrete driveway. Some had already rolled down the driveway toward a storm drain.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Lumex mercury analyzer confirmed the presence of mercury at high enough levels to indicate mercury beads were present. Silvery beads could be seen on the driveway. Low levels of mercury vapor (less than the indoor action level) were detected on the home owners' shoes, the dogs feet, and one spot on the lowest carpeted stair in the foyer. No mercury was detected on the floor in the foyer entry way so no other areas of the house were tested. Action levels used were 5,000 ug/m3 outdoor and 1,000 ug/m3 indoor AND no visible beads of mercury.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

OSC Kathy Parker and 4 START contracts responded on 4/16/2015 and did a removal assessment from 8:30 to 10 pm. They returned the next morning and vacuumed the silvery beads using two mercury vacuums. After vacuuming, a weed burner was used to heat the area that had been vacuumed. After heating, two coats of concrete sealer were applied to seal any remaining mercury in place.

Mercury was detected in the home at the entrance to the stairs and on shoes and the dog's feet but not at levels of concern. The homeowner was advised to wash the dogs feet, shoes and spot clean the carpet.

2.1.2 Response Actions to Date

The visible mercury was removed and the driveway sealed to cap in place any unrecoverable mercury.

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

The home owner was advised to maintain the sealant on the driveway to prevent any remaining mercury under the cap from being released.

2.1.4 Progress Metrics

TBD

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

None

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

2.2.2 Issues

None

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

4/16/2015 4:30 - 5pm, 1 Portland START

4/16/2015 8:30-10pm, 3 Seattle START, 1EPA OSC

4/17/2015 4 START, 1 OSC

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.