U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Orofino Asbestos Site - Removal Polrep
Initial Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: **POLREP #1**
Initial
Orofino Asbestos Site
IDN001002885
Orofino, Clearwater County, ID
Latitude: 46.4793470 Longitude: -116.2551395

To: James Werntz, EPA Region 10 (POLREP List)
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From: Earl Liverman, On-Scene Coordinator
Date: 10/17/2010
Reporting Period: 10/13/2010 - 11/03/2010

1. Introduction

1.1 Background

Site Number:	IDN001002885	**Contract Number:**	
D.O. Number:		**Action Memo Date:**	9/30/2010
Response Authority:	CERCLA	**Response Type:**	Emergency
Response Lead:	EPA	**Incident Category:**	Removal Action
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	10/13/2010	**Start Date:**	10/13/2010
Demob Date:	11/3/2010	**Completion Date:**	
CERCLIS ID:	IDN001002885	**RCRIS ID:**	
ERNS No.:		**State Notification:**	09/30/2010
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category

Emergency Response Action - Placement of asbestos cement pipe (ACP) contaminated fill material and discarding ACP along public rights-of-way (ROWs).

1.1.2 Site Description

ACP contaminated fill material was placed at several residential, religious, and public properties throughout the City of Orofino and nearby Clearwater County. ACP was also discarded along public rights-of-way.

1.1.2.1 Location

Orofino is a rural community located in the North Central Region of Idaho along Orofino Creek and the north bank of the Clearwater River. The population is approximately 3,300, and the city is the county seat for Clearwater County. The approximate latitude and longitude for the Site is 46º28.41'11"N and 116º15.10'57"W.

1.1.2.2 Description of Threat

The elevated concentrations of chrysotile asbestos discussed in Section 1.1.3 indicate that the potential for inhalation exposures exists. There is not a known safe level or period of asbestos exposure. Exposure to airborne friable asbestos may result in a potential health risk because persons breathing the air may breathe in asbestos fibers. Continued exposure can increase the amount of fibers that remain in the lungs. Fibers embedded in lung tissue over time may cause serious lung diseases, including asbestosis, lung cancer, or mesothelioma.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Random grab samples of ACP analyzed using Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) showed asbestos concentrations ranging from 7% to 20% chrysotile; soil samples showed 0.25% and 0.75% chrysotile; and one transite siding sample showed 3% chrysotile.

The analytical results indicate that asbestos fibers, ACP, and transite siding are present on the ground at various locations. With time and exposure to damaging mechanical forces and weather, the ACP and transite siding can continue to become friable thus releasing asbestos fibers to the environment.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA mobilized to the Site and started cleanup actions on 13 October 2010. EPA demobilized from the Site on 3 November 2010 because of access, schedule, and winter weather conditions. Cleanup work not completed in 2010 will be completed during 2011.

2.1.2 Response Actions to Date

Completed excavation of asbestos-contaminated fill materials at 12 locations. Additionally, an interim gravel protective barrier was placed by EPA at four of the remaining locations and an interim barrier was placed by a PRP at one of the remaining locations pending cleanup during 2011.

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

Ongoing.

2.1.4 Progress Metrics (2010)

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*
Asbestos	**ACP/Soil**	**2494 tons**			**Off-Site**
Asbestos	**ACP**	**11.5 cubic yards**			**Off-Site**

2.2 Planning Section

2.2.1 Anticipated Activities

Establish access controls, perimeter and personal air monitoring, excavation of asbestos-contaminated fill material, and confirmation sampling, and handling, packaging, transportation, and disposal of the materials at a facility operating in compliance with RCRA or other federal or state requirements. Identification and removal of ACP from ROWs.

2.2.1.1 Planned Response Activities

See 2.2.1.

2.2.1.2 Next Steps

During 2010, 12 properties were cleaned and interim gravel barriers were placed at the five of the remaining locations pending cleanup during 2011.

2.2.1.3 Issues

N/A

2.3 Logistics Section

Sufficient personnel, equipment, and material are available to support cleanup activities.

2.4 Finance Section

2.4.1 Narrative

Sufficient funding is available to support cleanup activities.

2.5 Other Command Staff

2.5.1 Safety Officer

All cleanup activities are being conducted in accordance with a HASP. Daily tailgate safety briefings are conducted.

2.6 Liaison Officer
N/A

2.7 Information Officer

2.7.1 Public Information Officer

N/A

2.7.2 Community Involvement Coordinator

A CIC has been assigned to the Site and has actively engaged the community regarding cleanup activities.

3. Participating Entities

3.1 Unified Command
N/A

3.2 Cooperating Agencies

Idaho Department of Environmental Quality (IDEQ) and regional (Health), county, and municipal agencies.

4. Personnel On Site

1 - EPA; 2 - START; 11 - ERRS.

5. Definition of Terms
N/A

6. Additional sources of information

6.1 Internet location of additional information/report
N/A

6.2 Reporting Schedule
A final POLREP will be prepared when work is completed in 2011.

7. Situational Reference Materials
N/A