

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Blackbird Drive Maintenance Building - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: POLREP #1
INITIAL POLREP
Blackbird Drive Maintenance Building

Inchelium, WA
Latitude: 48.2946309 Longitude: -118.2059774

To:
From: Jeffrey Fowlow, On-Scene Coordinator
Date: 9/13/2014
Reporting Period: 9/8/2014-9/13/2014

1. Introduction

1.1 Background

Site Number:	10NH	Contract Number:	
D.O. Number:		Action Memo Date:	7/29/2014
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	9/8/2014	Start Date:	9/8/2014
Demob Date:		Completion Date:	
CERCLIS ID:	WAD980977847	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Inactive Maintenance Facility

1.1.2 Site Description

1.1.2.1 Location

The Site is located at 18 Blackbird Drive, Inchelium, Ferry County, Washington, 99138, which is located within the boundaries of the Confederated Tribes of the Colville Indian Reservation on land held in trust by the United States Bureau of Indian Affairs (BIA). Residences are located nearby, including one occupied across the street and others within a quarter mile. Businesses within a quarter mile include a grocery store, a health clinic, and a gas station. The population of Inchelium is just over 400, of whom 78% are Native American and almost a third are under 18. The area surrounding the Maintenance Building (MB) is a mixture of rural and residential, with several residences located to the north, south, and northwest of the site.

The MB is located on a two-parcel tract that is approximately 45 acres in area. The MB is located on Parcel 63212120001000, along with most of the buildings and operational areas associated with the IWTP project. This Parcel is approximately 10 acres. Parcel 63212120002000 is located to the west of the wood treatment plant facility and is approximately 35 acres. Most of Parcel 63212120002000 is composed of vacant fields, with some areas with sawdust and wood waste piles associated with log storage.

1.1.2.2 Description of Threat

The contaminant of concern for this action is asbestos. Asbestos is a hazardous substance as defined by sections 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended 42 U.S.C. § 9601(14).

The MB is approximately 9,600 square foot, wood frame building that has not been in use for several years. When the site was first visited by the EPA OSC (March 2014), approximately 40% of the roof had already collapsed into the building. Potential asbestos containing material (ACM) was identified in building materials inside the building and spread out on the ground surface outside the building. Access to the dilapidated MB was only partially restricted and this building would likely experience further structural degradation. The ACM is susceptible to continued breakdown from weathering and/or mechanical forces which results in the uncontrolled release of asbestos fibers from the ACM to the environment.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

In May 2014, the EPA visited the MB to conduct sampling for the presence of ACM. A total of 13 bulk

samples were collected from the building and from the ground surface just outside of the MB. The bulk samples were submitted to a laboratory for the analysis of asbestos by Polarized Light Microscopy (Method EPA 600/R-93/116). Of the 13 samples submitted, four contained asbestos at concentrations ranging from 2% to 25% chrysotile. The samples that contained asbestos were collected from roofing material, floor tile, and a drywall patching compound.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

During this operational period, ACM (floor tiles and drywall patching compound) was removed from the inside of the building. The MB was then demolished using an excavator and the remaining ACM (roofing material) was brought to ground level where technicians began segregating the ACM from the non-ACM building debris.

2.1.2 Response Actions to Date

An Action Memo was prepared and signed by EPA in July 2014. No other previous response actions have taken place.

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

None during this reporting period.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
ACM	Solid	TBD	TBD	Wrapped in plastic steeting for T&D.	
Non-ACM Demolition Debris	Solid	TBD	TBD	None.	

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

The ACM inside the MB (floor tiles and drywall patching compound) will be removed prior to building demolition. Following building demolition, ACM roofing material will be accessible at ground level and will be removed and segregated from non-ACM demolition debris by cleanup technicians. ACM and non-ACM demolition debris will be transported off site and disposed of in an appropriate landfill. Once the ACM and non-ACM debris are removed, the concrete floor of the former MB will be swept and the surrounding surface soil (containing small amounts of ACM roofing debris) will be scraped with an excavator. Swept debris and surface soil will be disposed of off site in a landfill.

2.2.1.2 Next Steps

During the next operational period (9/15/2014-9/20/2014), ACM and non-ACM demolition debris will be prepared for transportation and off-site disposal in a landfill. Currently, off-site transportation and disposal is scheduled for Wednesday, September 17, 2014.

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

2.5.1 Safety Officer

On Tuesday, September 9, a cleanup technician was injured while disconnecting a pipe flange from a boiler associated with the MB. The worker was struck in the forehead with the flange when the bolt he was attempting to loosen failed instantly and released tension on the flange. The flange and pipe swung toward the worker and struck him. The worker was transported to a hospital where he received stitches on his forehead and it was discovered that a bone in his sinus and his orbital bone was broken. The employee was released from the hospital that night following treatment and did not return to work until Saturday, September 13 (upon release by his doctor).

2.5.2 Liaison Officer

N/A

2.5.3 Information Officer

An EPA Community Involvement Coordinator produced an informational announcement that the EPA OSC and an employee of the Colville Tribe Environmental Trust Department delivered to area residents whose property is adjacent to or near the site.

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

Colville Tribe Environmental Trust Department

4. Personnel On Site

Colville Tribe Environmental Trust Department - 2

US EPA - 1

START - 2

ERRS - 13

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.