

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Desler/Plywood Mill Asbestos Site - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: POLREP #5
Removal Action Final Steps
Desler/Plywood Mill Asbestos Site
10HG
Sweet Home, OR
Latitude: 44.4030587 Longitude: -122.7176838

To:
From: Daniel Heister, On-Scene Coordinator
Date: 11/10/2009
Reporting Period: November 09 - 16, 2009

1. Introduction

1.1 Background

Site Number:	10HG	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/12/2009	Start Date:	10/12/2009
Demob Date:	11/12/2009	Completion Date:	11/12/2009
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Time-Critical Removal Action

1.1.2 Background

The Desler/Plywood mill asbestos site is located at 2210 Tamarack St, Sweet Home, Oregon. The plywood mill, which consisted of the current areas of interest, was in operation from 1959 to 1994, and included many if not all stages of the lumber refining process including wood treatment. Currently the property consists of approximately 153 acres upon which are located two log ponds and several small creeks that flow east to west across the site towards the South Santiam River, located approximately 2,500 feet west of the site. The site is surrounded to the north and northwest by residential homes, the closest of which are located approximately 50 feet north of the site, immediately across Tamarack Street. To the west and south of the site are several commercial and industrial facilities, and to the east are unimproved and agricultural lands. The site is located approximately 1,000 feet north of Main Street, the town's main thoroughfare.

Documents provided to the US EPA by the ODEQ indicate that demolition of the site's east and west dry kilns, the former site power house, and the sorter/stacker buildings occurred beginning early June 2007, and continued through late January 2008. The documents indicate the presence of friable asbestos containing material (ACM) throughout the demolition debris piles remaining on site. Sample results collected by several environmental consulting firms, a certified abatement contractor, and ODEQ indicate the presence of amosite and chrysotile asbestos in the site materials ranging between <1% and 45%. Several of the samples contained asbestos above the allowable limit of >1%, indicating that the materials are ACM as defined by 40 CFR Part 763.

The current rubble piles containing moderate to large quantities of ACM and cover approximately 30,000 square feet (ft²) in the former kiln area and 33,000 ft² in the former sorter/stacker building area. The former kiln area is located along the south side of Tamarack St, just east of 18th Ave. Several residential homes are located approximately 50 feet north of the debris piles, across Tamarack St.

1.1.2.1 Site Location

The Desler/Plywood mill asbestos site is located at 2210 Tamarack St, Sweet Home, Oregon.

1.1.2.2 Description of Threat

The documented presence of friable asbestos containing material (ACM) throughout the demolition debris piles remaining on site represents a serious potential health threat to the neighboring community, specifically those residences located across Tamarack St. just north of the site.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Sample results collected by several environmental consulting firms, a certified abatement contractor, and ODEQ indicate the presence of amosite and chrysotile asbestos in the site materials ranging between <1% and 45%. Several of the samples contained asbestos above the allowable limit of >1%, indicating that the materials are ACM as defined by 40 CFR Part 763.

Bulk ACM samples collected by the EPA START contractors and analyzed by phase light microscopy (PLM), gravimetric reduction and semi-quantitative point count analysis indicated asbestos in sampled materials ranging between <1% and 58%, confirming previous findings at the site.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Not Applicable.

2.1.2 Response Actions to Date

November 9, 2009-

ERRS, START, and ATEZ are on site today to continue ACM removal activities. ERRS filled fourteen roll-offs with ACM debris previously removed from the east and west kiln areas. In addition, ERRS and ATEZ performed residual cleaning of the areas within and surrounding the Hot Zone in preparation for the planned demobilization from the site later this week. Sweet Home Sanitation transported six 30' roll-off containers and six 20' roll-off containers filled with ACM to the Coffin Butte landfill in Corvallis, Oregon for disposal. A total of 265,340 pounds of ACM was disposed of today bringing the total to date to 3,919,360 pounds.

START collected 8 PCM samples and deployed 5 DataRam 4000 particulate monitors and a Weather Hawk portable weather station to monitor and record data. All samples collected will be sent off site to a nationally accredited laboratory for analysis. The results of said samples have not yet been received from the laboratory.

November 10, 2009-

ERRS, START, and ATEZ are on site today to continue ACM removal activities. ERRS filled eight roll-offs with ACM debris previously removed from the east and west kiln areas. In addition, ERRS and ATEZ performed residual cleaning of the areas within and surrounding the Hot Zone in preparation for the planned demobilization from the site later this week. ERRS has begun demobilizing equipment from the site. Sweet Home Sanitation transported three 30' roll-off containers and five 20' roll-off containers filled with ACM to the Coffin Butte landfill in Corvallis, Oregon for disposal. A total of 227,140 pounds of ACM was disposed of today bringing the total to date to 4,146,500 pounds.

START collected 8 PCM samples, 4 TEM samples, and deployed 5 DataRam 4000 particulate monitors and a Weather Hawk portable weather station to monitor and record data. All samples collected will be sent off site to a nationally accredited laboratory for analysis. The results of said samples have not yet been received from the laboratory.

November 11, 2009-

ERRS, START, and ATEZ are on site today in an attempt to complete ACM removal activities. ERRS filled eight roll-offs with ACM debris previously removed from the east and west kiln areas successfully completing the removal of all stockpiled ACM debris. In addition, ERRS and ATEZ performed residual cleaning of the areas within and surrounding the Hot Zone in preparation for the planned demobilization from the site later this week. ATEZ contractors have begun abatement of suspect ACM window caulking at the former site power house. Abatement of the window caulking is said to be approximately 75% completed and is scheduled to be completed tomorrow. ERRS continues demobilization of equipment from the site. Sweet Home Sanitation transported four 30' roll-off containers and eight 20' roll-off containers filled with ACM to the Coffin Butte landfill in Corvallis, Oregon for disposal. A total of 353,640 pounds of ACM was disposed of today bringing the total to date to 4,500,140 pounds. A total of 11 ACM-filled roll-off containers are currently staged on site awaiting transport to the landfill tomorrow.

START collected 8 PCM samples and deployed 5 DataRam 4000 particulate monitors and a Weather Hawk portable weather station to monitor and record data. All samples collected will be sent off site to a nationally accredited laboratory for analysis. The results of said samples have not yet been received from the laboratory.

A representative from the Oregon Department of Environmental Quality (ODEQ) was on site to perform a final site inspection and observe the results of the EPA removal action activities. The representative was given a tour of the site by OSC Heister and updated as to the amount of debris removed, and the results pertaining to the air samples collected during the removal action.

A building inspector from the City of Sweet Home was on site to perform a final site inspection and observe the results of the EPA removal action activities. The representative was given a tour of the site by OSC Heister and updated as to the amount of debris removed, and visually inspected the remaining structures located in the removal action area.

The property owner's liaison was on site today and was given a final tour of the site by OSC Heister and updated as to the status of the removal action and the remaining removal action objectives.

November 12, 2009-

ERRS, START, and ATEZ are on site today to complete ACM removal activities and demobilize from the site. ERRS and ATEZ performed residual cleaning of the areas within and surrounding the Hot Zone in preparation for demobilization from the site while Sweet Home Sanitation transported the remaining eleven ACM-filled roll-off containers to the landfill. In addition, ATEZ contractors completed abatement of suspect ACM window caulking at the former site power house. ERRS continues demobilization of equipment from the site. Sweet Home Sanitation transported five 30' roll-off containers and six 20' roll-off containers filled with ACM to the Coffin Butte landfill in Corvallis, Oregon for disposal. A total of 306,580 pounds of ACM was disposed of today bringing the total to date to 4,806,720 pounds. At this time all stockpiled ACM debris has been removed from the site and the site has been cleaned to a level determined by the EPA and its contractors to be

beyond the industry standard.

The EPA and its contractors (ERRS, ATEZ, and START) have demobilized from the site.

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

NA

2.1.4 Progress Metrics

<i>Date</i>	<i>Medium</i>	<i># of Roll- offs filled with ACM</i>	<i># of Roll- offs transported</i>	<i>Total Roll- offs transported to date</i>	<i>Weight</i>	<i>Total Weight to date</i>	<i>Disposal Location</i>
11/09/2009	ACM removed from the east and west Kiln areas	14	12	178	265,340 lbs	3,919,360 lbs	Coffin Butte landfill in Corvallis, Oregon.
11/10/2009	ACM removed from the east and west Kiln areas	8	10	188	227,140 lbs	4,146,500 lbs	Coffin Butte landfill in Corvallis, Oregon.
11/11/2009	ACM removed from the east and west Kiln areas	8	12	200	353,640 lbs	4,500,140 lbs	Coffin Butte landfill in Corvallis, Oregon.
11/12/09	ACM removed from the east and west Kiln areas	NA	11	211	306,580 lbs	4,806,720 lbs	Coffin Butte landfill in Corvallis, Oregon.

2.2 Planning Section

2.2.1 Anticipated Activities

Anticipated activities include the removal and proper disposal of Asbestos Contaminated Materials (ACM) resulting from the improper demolition of several structures within the confines of the site including two Dry Kiln buildings, a Sorter/Stacker building, and the former site power house building. In addition, asbestos thermal systems pipe insulation (TSI) will be abated from within an elevated pipe corridor located just south of the former kiln areas.

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

ERRS will continue sorting through the rubble piles of large sections of demolished concrete in an attempt to separate ACM from salvageable non-contaminated materials. ERRS contractors will continue to remove ACM debris in the west Kiln area and progressing towards the east Kiln. ACM debris will be burrito wrapped and transported to an approved landfill for disposal. START contractors will continue to collect air samples on a daily basis and have them analyzed for asbestos content.

2.2.2 Issues

Potential issues include airborne particulates (dust) created by heavy equipment during removal of ACM debris, and asbestos contaminated water produced by rain run-off and wet suppression techniques utilized during abatement.

2.3 Logistics Section

Not Applicable

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

Not Applicable

2.6 Liaison Officer

Property owner Liaison:

Mr. Jeff Johnson

Advanced Environmental Solutions, LLC

Office: (541) 818-0271

Cell: (541) 912-0528

2.7 Information Officer

2.7.1 Public Information Officer

The EPA Community Involvement Coordinator for the Desler/Plywood Mill Asbestos Site is:

Mark MacIntyre

2.7.2 Community Involvement Coordinator

The EPA Community Involvement Coordinator for the Desler/Plywood Mill Asbestos Site is:

Judy Smith

3. Participating Entities

3.1 Unified Command

Not Applicable

3.2 Cooperating Agencies

Oregon Department of Environmental Quality (ODEQ)

4. Personnel On Site

EPA On-Scene Coordinator: 1

Emergency and Rapid Response Services (ERRS) personnel: Approximately 7

Superfund Technical Assessment Response Team (START) personnel: Approximately 3

ATEZ abatement contractor personnel: Approximately 7

5. Definition of Terms

ACM- Asbestos Containing Material

ERRS- Emergency and Rapid Response Services

OSC- On-Scene Coordinator

START- Superfund Technical Assessment Response Team

6. Additional sources of information

6.1 Internet location of additional information/report

Not Applicable

6.2 Reporting Schedule

Not Applicable

7. Situational Reference Materials

Not Applicable