U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Liberty Fibers - Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: **POLREP #16**
Continue ACM Demolition Debris Disposal
Liberty Fibers
B457
Morristown, TN
Latitude: 36.1493481 Longitude: -83.2048083

To:
From: David Andrews, On Scene Coordinator
Date: 6/8/2012
Reporting Period:

1. Introduction

1.1 Background

Site Number:	B457	**Contract Number:**	EP-S4-07-02
D.O. Number:	# 0115 (Mod 5)	**Action Memo Date:**	6/30/2011
Response Authority:	CERCLA	**Response Type:**	Time-Critical
Response Lead:	EPA	**Incident Category:**	Removal Action
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	4/21/2010	**Start Date:**	4/21/2010
Demob Date:		**Completion Date:**	
CERCLIS ID:		**RCRIS ID:**	
ERNS No.:	NRC 937191	**State Notification:**	4/15/2010
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category

Time-Critical Removal Action
Primary Tasks: Consolidate and dispose of demolition debris (and associated waste) containing asbestos and stabilize asbestos containing material (ACM) insulated pipe that is weathered or deteriorated.

1.1.2 Site Description

The Liberty Fibers site (Site) is located at 4855 Enka Highway, Morristown, Hamblen County, Tennessee. The geographic coordinates for the Site are 36.15580 degrees north latitude and -83.20645 degrees west longitude. The Site is bordered to the north by a railroad, tree line, and a small residential neighborhood; to the east by a landfill and a retention pond; to the south by the Nylon Staple Plant; and to the west by farmland. The Site is approximately 1,050 feet above sea level. The topography of the site is relatively flat.

1.1.2.1 Location

The site is located at 4855 Enka Highway approximately one mile south of Interstate 81 (off Exit 12) in Morristown, Tenn in the Lowland Community.

1.1.2.2 Description of Threat

According to what was reported to the OSC at the time of the response, hot work (cutting torch) activities on initiated a fire near a debris pile along the southern perimeter caught fire and the Morristown Fire Dept responded on or about April 19, 2010. In order to minimize such future events, and to minimize the chance of asbestos exposure, the OSC elected to serve the owner with a Notice of Federal Interest in order to initiate site containment and mitigation measures. The site contains numerous construction debris piles interspersed with friable asbestos.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Concurrent to the April 19th fire and recent activities on site, the OSC requested that Region 4 Technical Services Branch evaluate asbestos sampling conducted in Jan 2010 to determine if a threat to human health and the environment existed on site. The OSC concluded that the threat exist and preceeded forth with an emergency response action.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Removal is ongoing with primary focus on on-site disposal of ACM demolition debris, removal and on-site disposal of bagged ACM material located in Electrical Shop building, and glove-bag or plactic wrapping of

the elevated pipe runs that are identified as ACM insulated wrap.

2.1.2 Response Actions to Date

EPA initiated emergency response action in April 2010 to stabilize site and control access. This was accomplished by providing off-hour security and spray applying a lock-down agent over the site to prevent airborn migration of contamination off-site. Subsequent ceiling increase action memorandums (June 2011 & March 2012) have maintained EPA site pressence to continue removal of source contamination. In March 2012, the OSC consulted with the US Bureau of Reclimation (BOR) to provide a strategy that would best reduce the health risk to the neighboring industrial and residential population. The recommendations that the BOR provided was to reduce the ACM source contamination in the three primary areas:

- A) Remove the bagged waste contained in the Electrical Equipment building and dispose in the on-site landfill (repository).
- B) Seal and remove the elevated pipe runs that are thermo insulated with ACM that are identified as weathered or deteriorated, and
- C) Remove as much of the remaining ACM demoliton debris, as practical, and present the remaining debris away from the fence line that cannot be transported to the on-site landfill.

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

Responsible Party(ies) have been identified and enforcement is ongoing.

2.1.4 Progress Metrics (totals to-date)

Note: Actual volumes or weights are not used. "Loads" transported to the landfill or scrap metal segregation pile are inventoried per day. A typical load is approximately **10-15** X 0.5 cu yd buckets loads per truck in ACM demo debris haul. The hauled material is heavy and, therefore, full-loads for the articulating dump trucks are avoided to prevent road damage and prevent the flow of air over the material to prevent material drying.

- During this reporting period all of the bagged ACM has been removed from the Electrical Equipment Building.
- During this reporting period the OSC has halted segregation of the rebar entrained demo debris.

Waste Stream	***Medium***	***Quantity***	***Manifest #***	***Treatment***	***Disposal***
Asbestos Containing Material	Demolition Debris	2,919 OTR loads	N/A	N/A	On-Site
Bagged ACM (Electrial Equip Bldg	Insulation from abatement	20,258 bags	N/A	N/A	On-Site
"Rebar"	Demo Debris with entrained rebar (steel) that could not go to landfill.	451 loads to scrap pile.	N/A	N/A	Segregated above-ground stockpile

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

- Continue to wrap and glove bag the elevated pipe runs and prepare for removal of selected pipe line.
- Continue to load ACM demolition debris and dispose on on-site landfill.
- Maintian the landfill and access roads and dispose ACM and associated debris/materials in the landfill.

2.2.1.2 Next Steps

On June 4, 2012 OSC Karen Buerki took over as Lead OSC for the remainder of the removal action.

Organize above tasks to most effectively utilize remaining ERRS budget and close the landfill.

2.2.2 Issues

None at this time.

2.3 Logistics Section

N/A

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

The OSC Karen Buerki (Lead) & Terrence Byrd (Alternate)

2.6 Liaison Officer

N/A

2.7 Information Officer

N/A

2.7.1 Public Information Officer

N/A

2.7.2 Community Involvement Coordinator

Mr. J. Kyle Bryant

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

TDEC Department of Solid Waste (Knoxville Office) consults on the design and preparation of the on-site landfill.

4. Personnel On Site

As of June 4, 2012:

1 EPA OSC (Andrews/Buerki rotation)
1 START (P. Prys & B. Erickson rotation: Tetra Tech EMI)

13/14 ERRS (CMC, Inc)
1 Project Manager
1 Field Clerk
1 Foreman
10 Equipment Operators
2 Laborers

Site Security is subcontracted (1-guard on evening shift 6 pm - 6 am)

5. Definition of Terms

Asbestos - A generic name given to a number of naturally occuring hydrated mineral silicates that possess a unique crystalline structure, are incombustible in air, and separate into fibers. Asbestos includes asbestiform varieties of chrysotile (serpentine); crocidolite (riebeckite); amosite (cummingtonite-grunerite); anthophyllite; tremolite, and actinolite.

NESHAP - National Emission Standards for Hazardous Air Polutants

AHERA - Asbestos Hazard Emergency Response Act.

6. Additional sources of information

6.1 Internet location of additional information/report

No Information available at this time.

6.2 Reporting Schedule

7. Situational Reference Materials

None at this time....