

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Forest City HS & Ceramics Factory - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

Subject: POLREP #2
 Progress
 Forest City HS & Ceramics Factory
 C5G4
 Forest City, IL
 Latitude: 40.3664274 Longitude: -89.8347545

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From: Andrew Maguire, On-Scene Coordinator
Date: 2/15/2013
Reporting Period: 2/11/2013 - 2/15/2013

1. Introduction

1.1 Background

Site Number:	C5G4	Contract Number:	
D.O. Number:	TO-01-12-11-1015	Action Memo Date:	
Response Authority:		Response Type:	Time-Critical
Response Lead:		Incident Category:	Removal Action
NPL Status:		Operable Unit:	
Mobilization Date:	2/4/2013	Start Date:	2/5/2013
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

1.1.2 Site Description

The Forest City Removal (the Site) occupies approximately 4.6 acres and contains the former Forest City High School. Within the 4.6 acres lie two buildings, a Quonset structure, and two underground storage tanks (USTs). Building 1 is a two-story brick building that formerly contained the school cafeteria, offices, a boiler room, and classrooms. In 2005, Building 1 was partially destroyed by a tornado causing the roof and second floor to both collapse. Due to the lack of structural stability and overall safety concerns, Building 1 has been deemed inaccessible. Building 2 is a one-story brick and concrete masonry unit containing a gym, two locker rooms, two bathrooms, a boiler room, and four classrooms. Miscellaneous debris, waste, and ceramic manufacturing materials from when the building operated as a ceramic manufacturer from 1984 to 1999 remain inside.

In June 2012, Weston Solutions, Inc. (Weston) conducted a site assessment (SA) at the property. SA activities confirmed the presence of containerized ignitable and hazardous waste, elevated levels of lead, arsenic, and asbestos in the soil adjacent to Building 1, and asbestos containing materials (ACM) both friable and non-friable within the two buildings.

1.1.2.1 Location

The Site is located at 409 Southwest Main Street in Forest City, Mason County, Illinois and is composed of the former Forest City High School. The Site is bordered to the north by agricultural and forested areas, to the south by Main Street, the Illinois and Midland Railroad, a private residence, and agricultural land, to the east by Village Park, and to the west by an unoccupied commercial property and forested land. The Mason-Tazewell Drainage Ditch is approximately 0.2 miles south of the former school, and the Site as a whole is located within the Lower Illinois-Lake Chautauqua watershed.

1.1.2.2 Description of Threat

The confirmed threats include an unknown number of ignitable and hazardous waste containers associated with the former ceramic manufacturing operations, elevated levels of lead, arsenic, and asbestos in the soil south of Building 1, and ACM both friable and non-friable throughout the buildings.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

An initial site assessment was conducted on June 14, 2012. A total of nineteen waste solid, waste liquid, soil, and asbestos samples were taken during the assessment. Analytical results confirmed the presence of ignitable and toxic hazardous wastes in containers, the presence of lead and arsenic in the soil, and asbestos above regulatory concentrations. During assessment activities, ambient air was monitored for mercury vapor, carbon monoxide, hydrogen sulfide, lower explosive limit, oxygen, and volatile organic compounds; all monitoring readings were at or below background levels.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

During the week of February 10, 2013, asbestos abatement in Building 2 was completed. Asbestos abatement contractors Thornburgh Companies (Thornburgh) mobilized to the Site on February 11, 2013. Areas of concern within Building 2 were the asbestos containing floor tiles, ceilings, and pipe insulation. Throughout abatement activities, crew members donned Tyvek suits and respirators, and water was used as a dust suppressant within the building. START continued to monitor outside ambient air for particulate dust with two Data Ram 4000s and the VIPER real-time monitoring software.

On February 14, 2013, a 20 cubic yard roll-off box of friable asbestos waste was removed off-site and disposed of at Peoria City-County Landfill in Brimfield, IL. Abatement activities within Building 2 concluded on February 14, 2013. On February 15, 2013, Thornburgh demobilized from the Site, and an additional 20 cubic yard roll-off box of friable asbestos was removed and disposed of at Peoria City-County Landfill. EPA, START, and ERRS demobilized from the Site, and will resume removal activities on February 25, 2013.

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

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Ignitable Waste	Small Containers	17 - 55 Gal Drums			
PCB Ballasts	Ballasts	1 - 55 Gal Drum			
Mercury Switches	Switches	5			
Friable ACM	Misc. Materials	20 cubic yards	54116		X
Friable ACM	Misc. Materials	20 cubic yards			X

2.2 Planning Section

2.2.1 Anticipated Activities

Beginning the week of February 25, 2013 ERRS crews will begin deconstructing the tornado damaged buildings in order to safely access, collect and dispose of the remaining ACM materials and debris.

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

2.2.2 Issues

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

- 1 - EPA OSC
- 1 - START
- 2 - ERRS
- 6 - Thornburgh Companies

5. Definition of Terms

No information available at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epaosc.org/forestcityhs>

<http://epa.gov/region5/cleanup/forestcity/index.html>

6.2 Reporting Schedule

POLREPs will be delivered weekly during field activities.

7. Situational Reference Materials

No information available at this time.