

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

Subject: POLREP #3
 Progress
 Forest City HS & Ceramics Factory
 C5G4
 Forest City, IL
 Latitude: 40.3664274 Longitude: -89.8347545

To: Bruce Everetts, Illinois EPA
 Valencia Darby, Department of Interior
 Lindy Nelson, U.S. DOI
 Sam Borries, U.S. EPA
 Yolanda Bouchee-Cureton, U.S. EPA
 Mindy Clements, U.S. EPA
 Mark Durno, U.S. EPA
 Jason El-Zein, U.S. EPA
 Sherry Fielding, U.S. EPA
 Charlie Gebien, U.S. EPA
 John Glover, U.S. EPA
 Thomas Marks, U.S. EPA
 Mike Ribordy, U.S. EPA
 USCG PolRep Distribution, USCG
 Mark Johnson, ATSDR

From: Andrew Maguire, On-Scene Coordinator

Date: 3/1/2013

Reporting Period: February 25th - March 1st, 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 25, 2013, EPA, START, and ERRS resumed removal activities at the Site. On Tuesday February 26, 2013, deconstructive abatement activities began on Buildings 1 and 2. Deconstruction was necessary due to the fact that many areas of the Buildings could not be safely accessed to abate existing ACMs due to structural instability. Water was used as a dust suppressant throughout abatement activities. Building materials were segregated into four groups: steel, tin, building debris, and ACM debris.

On February 28, 2013, the 18 previously staged 55-gallon drums containing ignitable waste, and PCB light ballasts were removed from the Site by PSC Environmental Services and disposed of at Petro-Chem Processing Group (Petro-Chem) for the ignitable waste, and Republic Environmental Systems (Republic) for the PCB ballasts.

On March 1, 2013, dump trucks began arriving on-site to haul away and dispose of the miscellaneous building material generated during abatement activities. Designated steel and tin roll-off boxes were

delivered, filled, and hauled away from the Site for recycling throughout the week. Deconstructive abatement activities were complete as of March 1.

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	010011229		X
PCB Ballasts	Ballasts	1 - 55 Gal Drum	010011230		X
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

During the week of March 4, 2013, steel, tin, and miscellaneous ACM and building debris will continue to be hauled off-site for disposal or recycling. It is anticipated that the Site will be restored and the removal action will be completed.

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
6 - ERRS

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.