

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Internet/Wagner Castings Site - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #1
Initial POLREP
Internet/Wagner Castings Site
C53X
Decatur, IL
Latitude: 39.8490856 Longitude: -88.9389853

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From: Craig Thomas, OSC
Date: 9/16/2016
Reporting Period: 09/06/2016 - 9/16/2016

1. Introduction

1.1 Background

Site Number:	C53X	Contract Number:	EP-S4-16-03
D.O. Number:	0001	Action Memo Date:	4/20/2016
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	9/6/2016	Start Date:	9/6/2016
Demob Date:		Completion Date:	
CERCLIS ID:	ILN000505575	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Time Critical Removal Action

1.1.2 Site Description

The Site occupies nine adjacent parcels covering approximately 30 acres, bounded by East Marietta Street to the north, North Jasper Street to the west, and Norfolk Southern rail lines to the south and east. A residential neighborhood is located immediately north of the facility.

Phase I Assessment - July 2014

A Phase I Environmental Site Assessment (Phase 1) of the Site was completed in July 2014. The Phase 1 was funded by an U.S. EPA Brownfields Assessment Grant for hazardous substances previously awarded to the City of Decatur, IL. Based on the findings of the Phase 1, the City of Decatur requested further evaluation of the Site by Illinois EPA.

On July 15, 2014, at the request of the City of Decatur, Illinois EPA's Office of Site Evaluation collected samples from suspected areas of contamination at the Internet Site. The State identified the following from

its sampling effort: Multiple 55-gallon drums stored in the Waste Storage Building; a Photo Ionization Detector showed an elevated reading in one of the drums but the sample collected from that drum was flagged by the laboratory as insufficient volume to analyze; Several broken bags of green powder were found in Waste Storage Building and although X-Ray Fluorescence detected levels of Chromium in excess of 20,000 ppm, a sample collected for Toxicity Characteristic Leaching Procedure metals did not detect anything above hazardous levels; An area located within one of the builds contained stock-piled Polychlorinated Biphenyl (PCB) capacitors and two drums labeled "Hazardous Waste" contained broken capacitors and analysis of residual material in one of the drums detected Arochlor 1242 at 2,800,000 parts per billion; One large building is covered with metal panels coated with Galbestos which contains asbestos and PCBs; One additional sample was collected from one of the numerous rubble piles outside one of the building and tested positive for asbestos.

Based on Illinois EPA's July 15 2014 sampling event, Illinois EPA referred this Site to Region 5 Superfund Program in August 2014, based primarily on the threat of a release from asbestos containing material (ACM).

On October 14, 2014 a removal Site visit conduct by U.S. EPA found 9 suspected ACM debris piles on site. In addition, the chrome powder identified during Illinois EPA's sampling event was observed, as well as the PCB-containing capacitors and drums. It was noted that the drums containing the broken PCB-containing capacitors were deteriorating to the point of threatening to immediately release. However, U.S. EPA was unable to obtain access to the Site for anything other than the removal Site visit at that time.

1.1.2.1 Location

The Site is located on 9 separate land parcels in Decatur, Macon County, Illinois. The Site's geographical coordinates are 39° 50' 56.7" north latitude and 88° 56' 20.4" west longitude. The Site occupies nine adjacent parcels covering approximately 30 acres, bounded by East Marietta Street to the north, North Jasper Street to the west, and Norfolk Southern rail lines to the south and east. A residential neighborhood is located immediately north of the Site, and some of the homes in that neighborhood are within 100 feet of the Site.

1.1.2.2 Description of Threat

During the Site visit, EPA found significant volumes of suspected asbestos in nine debris piles. These piles are unsecured and exposed to the environment. Asbestos is a hazardous substance under 40 C.F.R. § 302.4 of the National Contingency Plan (NCP). The Site was not adequately secured, and graffiti on buildings and signs at the Site indicated trespassers have accessed the Site.

Samples of friable materials collected by Illinois EPA from two of the nine suspected ACM debris piles showed one pile contained up to 10 to 20 percent chrysotile asbestos.

EPA confirmed the presence of a threat of release of hazardous substances, pollutants, or contaminants at the Site as defined by Section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), including the presence of PCBs, ACM in waste piles exposed to the environment, and various chemical containers. Additionally, potentially elevated levels of metals (chrome dioxide powder) were identified in waste piles that are open to the environment. Several of the Site buildings are in poor condition; roofs are collapsed in several buildings; almost all windows are missing, broken or boarded, and there is evidence of break-in and vandalism.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Based on the analytical results provided by Illinois EPA and Site conditions observed by the U.S. EPA during the Site visit, the Site meets the criteria for a removal action pursuant to 40 CFR 300.415(b)(2) and poses an imminent and substantial threat to the public health or welfare of the United States or the environment.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On September 6, 2016, U.S. EPA initiated a time-critical removal action at the Site. Currently, the removal action is anticipated to last 90 working days and include removal and off-site disposal of hazardous wastes and special wastes. Hazards include PCBs, ACM, mercury, chrome dioxide and other miscellaneous chemical containers spread throughout the site.

2.1.2 Response Actions to Date

July 14, 2016 - U.S. EPA was provided access to the Site to conduct a Time Critical Removal Action.

August 16, 2016- U.S. EPA, the Superfund Technical Assessment and Response Team contractor (START), and the Emergency and Rapid Response Services contractor (ERRS) arrived on-site for coordination meeting with property Developer and City, and to assess the current condition of the Site. After coordination, ERRS and START began developing Site plans.

Week of September 6, 2016 - U.S. EPA and START mobilized to the Site. START performed additional sampling of areas of suspected contamination, and conducted radiation screening, mercury screening and volatile organic screening in all buildings. Mercury was discovered in the former shower/break room building. START collected additional samples including suspected ACM, foundry sand, stained soils,

and samples around galbestos building. START conducts perimeter air monitoring.

ERRS mobilized trailers to the Site, connected power to the trailers, and established a staging area for wastes in the old waste storage building. Vendors were brought in to evaluate disposal options for PCB and non-PCB containing capacitors. ERRS began consolidating orphan chemical containers in the waste storage building, and began consolidating fire extinguishers for future disposal. Off-shift security was initiated.

U.S. EPA oversaw all Site activities, and contacted the local fire department informing them of the removal action.

Week of September 12, 2016 - ERRS continued consolidating orphan chemical containers and fire extinguishers. ERRS established decontamination areas and hot zone delineation fencing for the waste storage building and the shower/break room building that contained mercury. ERRS mobilized a transportation and disposal coordinator to the Site and conducted additional sampling and hazard categorization (HAZCATTING) of waste streams. ERRS mobilized a mercury response trailer and crew, and began removing beads of elemental mercury from the shower/break room building. ERRS also investigated an elevator in the southwest corner storage building; it was determined that the elevator was an electric cable hoist elevator, and did not have a hydraulic system which might contain oil.

ERRS and START opened a drain line on the former electroplating building foundation to collect a sample of sediments in the drain line.

START continued perimeter air monitoring, monitored ERRS mercury response clean up efforts using a Lumex and collected a sample of another suspected pile of foundry sand.

U.S. EPA oversaw all removal activities. U.S. EPA OSC Thomas conducted outreach with the Macon County Health Department to make them aware of the time critical removal action. U.S. EPA also participated in a media event held on the Site.

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>

2.2 Planning Section

2.2.1 Anticipated Activities

See Section 2.2.1.1, below.

2.2.1.1 Planned Response Activities

Develop and implement a Site-specific Health and Safety Plan, including an Air Monitoring Plan, and a Site Emergency Contingency Plan;

1. Characterize, remove, transport and dispose of all characterized or identified hazardous waste, special wastes and associated debris located at the Site;
2. A structural Engineer will assess the former office building to determine if it needs to be demolished, or if asbestos abatement can safely be conducted without demolition.
3. Dispose of or recycle non-hazardous waste, as appropriate;
4. Decontaminate floors of Site buildings, as needed;
5. Remove capacitors from current storage area.

2.2.1.2 Next Steps

1. ERRS will continue segregation of hazardous and non-hazardous waste streams, staging hazardous materials inside the waste storage building; Waste profiles will be developed, and disposal/recycling facilities will be identified.
2. START will continue conducting perimeter air monitoring, and conduct additional characterization and confirmation sampling as needed.

2.2.2 Issues

None

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

U.S. EPA is funding a time critical removal action for the Site. An action memo has been approved with a total project ceiling of \$2,185,819.00. Of that amount an estimated \$1,946,059.00 may be used for cleanup contractor costs. Currently \$500,000.00 has been budgeted for the ERRS contract and \$50,000.00 has been budgeted for START. Additional funding will be obtained as necessary.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$500,000.00	\$47,500.00	\$452,500.00	90.50%
TAT/START	\$50,000.00	\$17,500.00	\$32,500.00	65.00%
Intramural Costs				
Total Site Costs	\$550,000.00	\$65,000.00	\$485,000.00	88.18%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

OSC Thomas

2.5.2 Liaison Officer

2.5.3 Information Officer

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

Illinois EPA

Decatur Fire Department

City of Decatur

4. Personnel On Site

EPA = 1

ERRS = 7

START = 1

Total personnel on site during this reporting period = 9

5. Definition of Terms

ACM: Asbestos Containing Material

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

CFR: Code of Federal Regulations

ERRS: Emergency and Rapid Response Services contractor

Illinois EPA: Illinois Environmental Protection Agency

NCP: National Contingency Plan

OSC: On-Scene Coordinator

PCB: Polychlorinated Biphenyl

POLREP: Pollution Report

START: Superfund Technical Assessment and Response Team contractor

US EPA: United States Environmental Protection Agency

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.

POLREP #1 Last Updated 9/30/2016