

U.S. ENVIRONMENTAL PROTECTION AGENCY  
 POLLUTION/SITUATION REPORT  
 Indiana Brass - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #7  
Progress POLREP  
Indiana Brass  
B5XQ  
Frankfort, IN  
Latitude: 40.2806000 Longitude: -86.5198000

**To:**  
**From:** Shelly Lam, On-Scene Coordinator  
**Date:** 10/1/2010  
**Reporting Period:** September 27 - October 1, 2010

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B5XQ	<b>Contract Number:</b>	EP-S5-08-02
<b>D.O. Number:</b>	056	<b>Action Memo Date:</b>	8/19/2010
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	7/20/2010	<b>Start Date:</b>	7/20/2010
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	IND006421085	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	2010-06-043
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

CERCLA Incident Category: Inactive Metal Fabrication/Finishing/Coating Facility

#### 1.1.2 Site Description

##### 1.1.2.1 Location

The Indiana Brass Site is located at 800 W. Clinton Street in Frankfort, Clinton County, Indiana, 46041. The geographical coordinates for the Site are Latitude 40.2806° North and Longitude 86.5198° West. The Site is approximately 5 acres in size, and contains the remains of a 85,000 square foot plating shop and foundry. The Site is located in a residential and industrial area of Frankfort, approximately 0.2 miles west of the downtown area. Approximately 3400 people live within 1 mile of the Site. Residences are located approximately 250 feet from the east property boundary, 800 feet from the north property boundary, and 600 feet from the south property boundary.

##### 1.1.2.2 Description of Threat

The Site is a former foundry and plating shop that caught fire on June 3, 2010. The Indiana Department of Environmental Management (IDEM) responded to the fire. The state On-Scene Coordinator (OSC) observed pits and drums relating to former plating operations. IDEM referred the Site to the United States Environmental Protection Agency (U.S. EPA).

During a Site visit on July 1, 2010 and a Site Assessment on July 7-8, 2010, the U.S. EPA documented numerous drums, plating vaults with unknown liquid contents, uncontained foundry sand, and other debris scattered across the Site. Numerous 55-gallon drums containing burnt and unknown contents were documented inside the building. The Site was vacant and open to trespassing.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The Site Assessment included documenting Site conditions; conducting a structural inspection of the building; conducting air monitoring; conducting soil monitoring using an x-ray fluorescence (XRF) detector; and collecting samples from drums, soil, ash, and plating pits.

Laboratory results indicated that there are total metals' concentrations above the preliminary remediation goals (PRG) for industrial soil for lead, arsenic, and copper. Concentrations of leachable lead (D008) and cadmium (D006) were above the Toxicity Characteristic Leachate Procedure (TCLP) regulatory limits. Methylene chloride and trichloroethene (TCE) were detected in the pits, and methylene chloride was also detected in two drums. Additionally, chrysotile asbestos was detected in 5 of the 9 samples collected.

## **2. Current Activities**

### **2.1 Operations Section**

#### **2.1.1 Narrative**

The site is an abandoned foundry and plating shop located in Frankfort, Indiana. During the Site Assessment, the U.S. EPA documented numerous drums, plating vaults with unknown liquid contents, uncontained foundry sand, and other debris scattered across the Site. Numerous 55-gallon drums containing burnt and unknown contents were documented inside the building. The Site was vacant and open to trespassing.

#### **2.1.2 Response Actions to Date**

During this reporting period, U.S. EPA completed the following activities:

- Completed demolition of the building to allow for safe cleanup operations;
- Conducted dust suppression during demolition activities;
- Continued perimeter sampling and monitoring;
- Segregated brick and scrap metal for recycling;
- Continued shipping scrap metal and brick off-site for recycling;
- Conducted confined-space entry into a vault. Screened soil inside the vault with the XRF. Lead was detected at 2400 parts per million (ppm) and arsenic was detected at 220 ppm;
- Sampled one residence for total RCRA metals; and
- Sampled site and four residences for lead speciation analysis.

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

EPA has identified the PRP and the information is in the site file.

#### **2.1.4 Progress Metrics**

<b>Waste Stream</b>	<b>Medium</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Treatment</b>	<b>Disposal</b>
Scrap Metal	Solid	99.18 tons	NA		Recycled at Winski Brothers
Brick	Solid	1,212.56 tons	NA		Recycled at Milestone Recycling Products

## **2.2 Planning Section**

### **2.2.1 Anticipated Activities**

#### **2.2.1.1 Planned Response Activities**

During the next reporting period, U.S. EPA will conduct removal actions to complete the following tasks:

- Begin shipping construction and demolition debris to the Clinton County Landfill;
- Consolidate waste piles;
- Continue scrap recovery;
- Begin excavation of impacted materials;
- Continue dust suppression activities; and
- Continue air sampling and monitoring.

The Site will be shut down for a break October 7 - 11, 2010.

#### **2.2.1.2 Next Steps**

EPA will continue removal activities to include:

- Transporting and disposing off-site any hazardous substances, pollutants and contaminants at a CERCLA-approved disposal facility in accordance with U.S. EPA's Off-Site Rule (40 CFR § 300.440); and,
- Taking any other response actions to address any release or threatened release of a hazardous substance, pollutant or contaminant that the EPA OSC determines may pose an imminent and substantial endangerment to the public health or the environment.

#### **2.2.2 Issues**

There is a warehouse adjoining the Site that belongs to another property owner. The warehouse shares two walls with the Site building. Demolition on the Site building may impact the adjoining structure. As such, discussions are under way with the adjoining property owner regarding repair of his building that may be damaged during cleanup activities.

## **2.3 Logistics Section**

The Emergency and Rapid Response Services (ERRS) contractor is providing logistical support.

## **2.4 Finance Section**

No information available at this time.

## **2.5 Other Command Staff**

### **2.5.1 Safety Officer**

The OSC is the Site Safety Officer. In addition, each contractor has provided a site-based health and safety representative. Site personnel signed the HASP on July 26, 2010. Tailgate safety meetings are conducted on a daily basis.

### **2.6 Liaison Officer**

Not applicable.

### **2.7 Information Officer**

#### **2.7.1 Public Information Officer**

A press release was issued on July 28 to media outlets in Frankfort and Lafayette, Indiana.

#### **2.7.2 Community Involvement Coordinator (CIC)**

The CIC assigned to the Site is Don De Blasio. U.S. EPA is currently preparing a community fact sheet.

## **3. Participating Entities**

### **3.1 Unified Command**

Not applicable.

### **3.2 Cooperating Agencies**

ATSDR

IDEM

City of Frankfort

Clinton County Health Department

## **4. Personnel On Site**

1 EPA OSC

7 ERRS

1 START

## **5. Definition of Terms**

ATSDR	Agency for Toxic Substances and Disease Registry
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
ERRS	Emergency and Rapid Response Services
HASP	Health and Safety Plan
IDEM	Indiana Department of Environmental Management
OSC	On-Scene Coordinator
ppm	parts per million
PRG	Preliminary Remediation Goal
PRP	Potentially Responsible Party
RCRA	Resource Conservation and Recovery Act
START	Superfund Technical Assessment and Response Team
TCLP	Toxicity Characteristic Leachate Procedures
U.S. EPA	United States Environmental Protection Agency
XRF	X-Ray Fluorescence

## **6. Additional sources of information**

### **6.1 Internet location of additional information/report**

Additional information can be found at [www.epaosco.org/indianabrass](http://www.epaosco.org/indianabrass).

### **6.2 Reporting Schedule**

The next POLREP will be submitted on Friday, October 15th.

## **7. Situational Reference Materials**

Not applicable.