

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #9  
Progress POLREP  
Indiana Brass  
B5XQ  
Frankfort, IN  
Latitude: 40.2806000 Longitude: -86.5198000

**To:**  
**From:** Shelly Lam, On-Scene Coordinator  
**Date:** 11/12/2010  
**Reporting Period:** October 23 - November 12, 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>	Time-Critical
<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:

- Continued excavation of impacted soil;
- Began on-site treatment of soil;
- Disposed of liquid in pits;
- Conducted dust suppression;
- Continued perimeter sampling and monitoring;
- Segregated brick, concrete and scrap metal for recycling; and
- Continued shipping scrap metal, brick, and concrete off-site for recycling.

#### 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	131.95 tons	NA	NA	Recycled at Winski Brothers
Brick/Concrete	Solid	2,159.46 tons	NA	NA	Recycled at Milestone Recycling Products
Waste water	Liquid	3,700 gallons	110110-1	NA	Clean Water in Dayton, OH
Construction & demolition debris	Solid	179.82 tons	Various	NA	Clinton County Landfill

## 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:

- Continue excavation and treatment of impacted materials;
- Begin shipping soil off-site for disposal;
- Continue dust suppression activities; and
- Continue air sampling and monitoring.

#### 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

The Site will be shut down twice during the next reporting period from November 13 - 18 and November 24 - 28.

## 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  
6 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.epaosc.org/indianabrass](http://www.epaosc.org/indianabrass).

**6.2 Reporting Schedule**

The next POLREP will be submitted in December 2010.

**7. Situational Reference Materials**

Not applicable.