

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #2  
Progress POLREP  
Indiana Brass  
B5XQ  
Frankfort, IN  
Latitude: 40.2806000 Longitude: -86.5198000

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**From:** Shelly Lam, On-Scene Coordinator

**Date:** 7/29/2010

**Reporting Period:** July 26 - 30, 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>	
<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 tasks:

- Abandoned seven piezometers. Piezometers are temporary, small-diameter observations wells. The piezometers on-site were installed in 2007 and were left uncapped. As such, these piezometers could act as a migration pathway to groundwater;
- Completed health and safety plan;
- Issued a press release to media outlets in Frankfort and Lafayette, Indiana;
- Conducted an interview with the Frankfort Times newspaper;
- Conducted field screening and sampling at ten residences;
- Completed work plan;
- Installed fence for site security; and
- Conducted an extent of contamination survey at the site.

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

EPA is in the process of locating and determining viable potentially responsible parties.

**2.1.4 Progress Metrics**

<b>Waste Stream</b>	<b>Medium</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Treatment</b>	<b>Disposal</b>
Pending					

**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 emergency removal actions to complete the following tasks:

- Implement a plan to control, contain, and remove highly concentrated contaminated soil;
- Perform multi-media sampling and analysis to determine disposal options; and
- Continue to assess nearby residential properties for site-related contamination.

**2.2.1.2 Next Steps**

When the Action Memorandum is approved, EPA will continue time-critical removal activities to include:

- Demolishing and/or removing structurally unsound parts of the Site building to allow workers to conduct cleanup operations safely;
- Inventorying and performing hazard characterization on substances contained in vaults and drums;
- Performing multi-media sampling and analysis to determine disposal options;
- 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**

None

**2.3 Logistics Section**

The Emergency and Rapid Response Services (ERRS) contractor will provide logistical support.

**2.4 Finance Section**

**2.4.1 Narrative**

ERRS costs are current through July 29th. START costs are projected through July 30th.

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$100,000.00	\$49,378.70	\$50,621.30	50.62%
TAT/START	\$25,000.00	\$18,200.00	\$6,800.00	27.20%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$125,000.00</b>	<b>\$67,578.70</b>	<b>\$57,421.30</b>	<b>45.94%</b>

\* 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**

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**

IDEM  
City of Frankfort  
Clinton County Health Department

**4. Personnel On Site**

1 EPA OSC

4 ERRS  
2 START

**5. Definition of Terms**

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
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 on Friday, August 6th.

**7. Situational Reference Materials**

Not applicable.

POLREP #2 Last Updated 7/30/2010