

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #1
Initial POLREP
Indiana Brass
B5XQ
Frankfort, IN
Latitude: 40.2806000 Longitude: -86.5198000

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From: Shelly Lam, On-Scene Coordinator

Date: 7/23/2010

Reporting Period: 07/20/2010 - 07/23/2010

1. Introduction

1.1 Background

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

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.

Preliminary laboratory results indicated that there are total metals concentrations above the preliminary remediation goals (PRG) for residential and industrial soil and concentrations of leachable lead (D008) and cadmium (D006) above the Toxicity Characteristic Leachate Procedure (TCLP) regulatory limits.

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

The OSC conducted a Site Visit and Site Assessment to document the threat of a release at the Site. Based on the results of the Site Assessment, the OSC initiated emergency removal actions on July 20, 2010. To date, U.S. EPA has established site security and an incident command post; is developing and implementing a Site-specific Health and Safety Plan, including an Air Monitoring Plan, and a Site Emergency Contingency Plan; and is preparing a detailed work plan to accomplish the project in the most effective, efficient and safe manner. The OSC and the Clinton County Health Department have begun obtaining access from nearby residential properties for soil assessment.

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

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
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:

- Complete the Site-specific Health and Safety Plan, including an Air Monitoring Plan, and a Site Emergency Contingency Plan;
- Complete the detailed work plan to accomplish the project in the most effective, efficient and safe manner;
- Perform sampling and analysis to determine extent of contamination in soil;
- Develop and implement a plan to control, contain, and remove highly concentrated contaminated soil;
- Properly abandon temporary piezometers that may be acting as a conduit for migration to groundwater; and
- 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

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$100,000.00	\$0.00	\$100,000.00	100.00%
Intramural Costs				
Total Site Costs	\$100,000.00	\$0.00	\$100,000.00	100.00%

* 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 will serve as the Site Safety Officer. In addition, each contractor will provide a site-based health and safety representative.

2.6 Liaison Officer

Not applicable.

2.7 Information Officer

2.7.1 Public Information Officer

Not applicable

2.7.2 Community Involvement Coordinator (CIC)

The CIC assigned to the Site is Don De Blasio. U.S. EPA is currently preparing a press release and 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

2 ERRS

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.epaossc.org/indianabrass.

6.2 Reporting Schedule

The next POLREP will be submitted on Friday, July 30th.

7. Situational Reference Materials

Not applicable.

POLREP #1 Last Updated 7/23/2010