

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #3
Progress POLREP
Indiana Brass
B5XQ
Frankfort, IN
Latitude: 40.2806000 Longitude: -86.5198000

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From: Shelly Lam, On-Scene Coordinator

Date: 9/3/2010

Reporting Period: August 30 - September 3, 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.

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:

- Requested access to 26 additional residential properties for sampling;
- Conducted field screening and sampling at two residences;
- Began demolition of the building to allow for safe cleanup operations;
- Conducted dust suppression during demolition activities;
- Segregated brick and scrap metal for recycling;
- Sampled brick fines prior to recycling;
- Conducted personnel and perimeter air sampling;
- Conducted perimeter air monitoring;
- Requested a health consult from the Agency for Toxic Substances and Disease Registry (ATSDR) regarding the residential results; and
- Coordinated with the City of Frankfort regarding the chipping and removal of brush.
- Discovered a collapsed railroad tunnel approximately 8 feet wide by 4 feet deep, unknown length on the west side of the Site. The tunnel is partially backfilled with railroad ties.

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

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 removal actions to complete the following tasks:

- Continue demolition and dust suppression activities;
- Continue air sampling and monitoring;
- Sample additional waste streams for disposal;
- Continue to assess nearby residential properties for site-related contamination.

2.2.1.2 Next Steps

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

The following are site-related issues:

- The Site was shut down for 3 weeks while personnel responded to the Enbridge Oil Spill; and
- EPA discovered a previously unknown vault (8'x8'x12') under the cyclone. The vault contained approximately 2 feet of sludge. EPA will sample the sludge to determine disposal options.

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 September 1st. START costs are projected through August 27th.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$200,000.00	\$101,502.99	\$98,497.01	49.25%
TAT/START	\$60,000.00	\$21,800.00	\$38,200.00	63.67%
Intramural Costs				
Total Site Costs	\$260,000.00	\$123,302.99	\$136,697.01	52.58%

* 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.

During operations on September 2, an old railroad tunnel on the west side of the Site collapsed. The tunnel is approximately 8 feet wide by 4 feet deep with an unknown length. The tunnel is partially backfilled with railroad ties. ERRS will backfill the tunnel so that it does not represent a safety concern to Site personnel. In addition, heavy equipment and trucks will be routed away from the area to prevent additional collapses.

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
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.

6.2 Reporting Schedule

The next POLREP will be submitted on Friday, September 10th.

7. Situational Reference Materials

Not applicable.

POLREP #3 Last Updated 9/10/2010