

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Antique Chrome Shop - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #2  
Progress PolRep  
Antique Chrome Shop  
C553  
Indianapolis, IN  
Latitude: 39.7882370 Longitude: -86.1268570

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

**Date:** 6/10/2011

**Reporting Period:** June 10, 2011

1. Introduction

1.1 Background

<b>Site Number:</b>	<b>Contract Number:</b>
<b>D.O. Number:</b>	<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> 6/8/2011	<b>Start Date:</b> 6/8/2011
<b>Demob Date:</b>	<b>Completion Date:</b>
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b>
<b>FPN#:</b>	<b>Reimbursable Account #:</b>

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

1.1.2.1 Location

The Site is the former Antique Chrome Shop located at 1925 Massachusetts Avenue and 1544 Samoa Street in Indianapolis, Marion County, Indiana. Site coordinates are latitude 39.7882370 north and longitude 86.1268570 west. The Site is located in a commercial and residential part of Indianapolis.

1.1.2.2 Description of Threat

On June 4, 2011, the Marion County Public Health Department (MCPHD) and Indiana Department of Environmental Management (IDEM) responded to a release of plating waste from the former plating shop, which is currently operated as an automotive repair facility. The material was released by the tenant

powerwashing materials from the floor into the alley. Plating waste flowed down the alley, onto Hamilton Avenue, and then entered a storm drain. The storm drain outfalls to a nearby location on Pogues Run. MCPHD, IDEM, and the City of Indianapolis took immediate action to stabilize and contain materials. The City of Indianapolis pumped liquid waste out of roadways. **NOTE: PolRep 1 stated that initial response activities occurred on June 5, 2011. Initial response activities were conducted on June 4, 2011. PolRep 1 has been corrected.**

MCPHD and IDEM requested the assistance of the U.S. Environmental Protection Agency (EPA) on June 8, 2011. Plating residue remained in the roadways and the tenant could not finance cleanup operations.

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

EPA's On-Scene Coordinator (OSC) Shelly Lam mobilized to the Site on June 8, 2011 and met with MCPHD, IDEM, and the tenant. MCPHD informed OSC Lam that a fire had occurred in the building in January 2011. MCPHD issued orders to the property owner to remove plating waste from the facility.

OSC Lam observed numerous drums in the garage area, including nitric acid, zinc acetate, mineral spirits, and unknown materials; plating waste in the alley and road leading to a storm drain; numerous drums and small containers staged in a second building, including sodium cyanide, acids, bases, chrome solutions, nickel sulfate, and unknown materials. The drums were improperly stored with incompatible materials, such as sodium cyanide and sulfuric acid, staged in close proximity. Additionally, many of the drums had no lids and were leaking or corroded.

It was determined that an electrical fire hazard was present at the facility from improperly installed electrical connections. EPA, MCPHD, and the Indianapolis Fire Department documented live, bare electrical lines running through the buildings. The live wires were observed to be in contact with metal piping, including the gas line. With the presence of plating waste on-site, the OSC determined that there was an immediate threat of fire or explosion with the threat of additional releases that could affect public health and the environment.

OSC Lam initiated emergency response operations on June 8th. The Emergency and Rapid Response Support (ERRS) and Superfund Technical Assessment and Response Team (START) contractors mobilized to the Site to support emergency response actions.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

EPA conducted emergency response actions following a release from a former plating shop. EPA conducted emergency response operations to stabilize the Site and prevent future releases of hazardous substances, pollutants, and contaminants.

#### 2.1.2 Response Actions to Date

During the reporting period, EPA conducted the following activities:

- Overpacked drums and containers that were missing lids or were corroded or leaking;
- Segregated, staged, and secured drums and containers in Conex storage boxes pending disposal; and
- Secured Conex boxes.

Below is an inventory of drums and containers. Contents included chrome solution, muriatic acid, sulfuric acid, nitric acid, potassium hydroxide, sodium hydroxide, sodium cyanide, nickel sulfate, zinc acetate, and unknown materials.

- 44 55-gallon drums, including 7 drums of investigation-derived waste;
- 4 35-gallon drums;
- 1 20-gallon drum;
- 1 15-gallon drum;
- 4 10-gallon drums;
- 16 5-gallon containers;
- 1 1-gallon container;
- 5 16-ounce containers; and
- 7 empty hazardous material containers.

Left inside the Site buildings were 6 poly plating vats, 3 55-gallon drums in the basement that could not be removed; and materials associated with the operating automotive repair business including drums and small containers.

With the exception of waste disposal, emergency response actions were concluded on June 10, 2011.

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

OSC Lam met with both the tenant and property owner. Information on the PRPs is in the Site file. The tenant informed EPA that he was not financially viable to conduct cleanup for waste in the roadways and the property owner informed EPA that he was not financially able to conduct removal of the drums in a timely manner.

#### 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

EPA will return to the Site to dispose of waste staged in Conex boxes.

#### 2.2.1.2 Next Steps

See above.

#### 2.2.2 Issues

MCPHD has issued demolition orders for the Site buildings based on unsafe building conditions. Additionally, the tenants have been issued emergency orders to vacate. As of June 9, 2011, the tenants remained on-Site.

## 2.3 Logistics Section

Not applicable (NA)

## 2.4 Finance Section

No information available at this time.

## 2.5 Other Command Staff

### 2.5.1 Safety Officer

OSC Lam served as Safety Officer for the incident. Sampling and overpacking of drums was performed in Level B personal protective equipment.

### 2.6 Liaison Officer

NA

### 2.7 Information Officer

#### 2.7.1 Public Information Officer

EPA has not received any media inquiries. However, any media requests will be coordinated with the Office of Public Affairs.

#### 2.7.2 Community Involvement Coordinator

None.

## 3. Participating Entities

### 3.1 Unified Command

NA

### 3.2 Cooperating Agencies

MCPHD

IDEM

IFD

City of Indianapolis

## 4. Personnel On Site

Personnel from the following agencies were on-site during the reporting period:

EPA OSC - 1

EPA CID Agents - 2

START - 1

ERRS - 6

MCPHD - 1

IFD - 1

## 5. Definition of Terms

CID	Criminal Investigation Division
EPA	Environmental Protection Agency
ERRS	Emergency and Rapid Response Services
IDEM	Indiana Department of Environmental Management
IFD	Indianapolis Fire Department

MCPHD	Marion County Public Health Department
NA	Not Applicable
OSC	On-Scene Coordinator
PolRep	Pollution Report
PRP	Potentially Responsible Party
START	Superfund Technical Assessment and Response Team

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

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

For additional information, refer to [www.epaosc.org/antiquechromeshop](http://www.epaosc.org/antiquechromeshop).

### **6.2 Reporting Schedule**

The next Pollution Report (PolRep) will be submitted when waste disposal is complete.

## **7. Situational Reference Materials**

NA