

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
American Plating - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III

Subject: POLREP #13
Cleanup continues - nearing completion
American Plating
A35R
Baltimore, MD
Latitude: 39.3001470 Longitude: -76.5646350

To:
From: Gregory Ham, On Scene Coordinator
Date: 9/7/2016
Reporting Period: 8/22/16 - 9/9/16

1. Introduction

1.1 Background

Site Number:	A35R	Contract Number:	
D.O. Number:		Action Memo Date:	6/2/2016
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	5/19/2016	Start Date:	5/19/2016
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Removal action under an Action Memorandum.

1.1.2 Site Description

Former electroplating facility essentially abandoned in place

1.1.2.1 Location

4000 - 4008 E. Monument Street

Baltimore, MD 21205

1.1.2.2 Description of Threat

Potential release of plating acids and other materials into the environment

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

After site visits on May 3, 2016 and May 18, 2016, the OSC issued a special bulletin on May 19, 2016 and initiated a cleanup at the site. This was amended on May 27, 2016 to increase the project ceiling. On June 2, 2016, an Action Memorandum was signed authorizing a removal action at this site. See the documents section of this website for the Special Bulletins and Action Memorandum.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Cleanup continues.

2.1.2 Response Actions to Date

The former electroplating lines in the building have been demolished. The vats that contained cyanide solutions were cut up and disposed of as hazardous debris. Vats not containing cyanide are cleaned and will be left onsite if in good condition. The boardwalks between the electroplating vats, and the cinder blocks supporting them, have been cut up and disposed of as hazardous debris. There is also a layer of sludge underneath the former electroplating lines that is being scraped up and disposed of as hazardous debris.

On 9/7/16, a rolloff of nonhazardous debris (empty containers, used PPE, etc.) was shipped offsite for disposal. Also on 9/7/16 a rolloff of hazardous debris (vat liners, contaminated wood and cinder blocks, and other contaminated debris) was shipped offsite for proper disposal. To date, 296 cubic yards of hazardous

and nonhazardous debris have been shipped offsite for proper disposal.

Waste materials in the building have been bulked in 250 gallon totes in preparation for offsite shipment and proper disposal: caustics 2,000 gallons; caustic cyanides 750 gallons; flammables 500 gallons; cyanide wastes (from electroplating vats) 1,000 gallons; ammonias 300 gallons; acids 1,750 gallons; chromic acids 1,250 gallons; and peroxides 1,000 gallons. Bulking of neutral solids from the building has been completed. This is being done in two open top tanks (approximately 10 feet in diameter, four feet high) in the rear yard of the building. In addition, many of the miscellaneous wastes that remained in the building are were overpacked in salvage drums for offsite disposal.

Over 31,000 gallons of contaminated sump water (rain leaking in through the roof or doors, crossing the floors of the building, and ending up in the building sumps) have been collected and shipped offsite for proper disposal.

Air monitoring is continually conducted throughout the building. Five air monitoring units are set up while work is ongoing: three inside the building and two outside. Volatile organic compounds, oxygen, lower explosive limit, carbon monoxide, hydrogen cyanide, and chlorine are monitored on a continuous basis. No readings related to the work being done have been observed outside the building, and no excessive levels of contamination were identified in the building. However, all work in the building continues to be conducted with the use of respiratory protection (respirators or supplied air, depending on the nature of the work).

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

Research on PRPs is ongoing.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Sump water	water	4650 gal	015275506JJK	Stabilization	
Sump water	water	4950 gal	016033691JJK	Stabilization	
Hazardous Debris	solids	16 cy	016033443JJK		Landfill
Sump water	water	2700 gal	016033690JJK	Stabilization	
Cyanide salts	solids	3,300 lbs	015615183JJK		Incineration
Lab pack wastes	liquids and solids	4,265 lbs	013642488JJK 013642489JJK		Incineration
Sump water	water	4883 gal	015275687JJK	Stabilization	
Neutral liquids	liquid	5244 gal	009415944		
Neutral liquids	liquid	3225 gal	009415945		
Neutral liquids	liquid	2375 gal	009415946		
Hazardous debris	solids	30 cy	016033559		
Hazardous debris	solids	30 cy	016033560		
Non-haz debris	solids	150 cy			landfill
Hazardous debris	solids	20			
Sump water	liquid	5035 gal	015275507JJK		
Sump water	liquid	4752 gal	016033783JJK		

2.2 Planning Section

2.2.1 Anticipated Activities

Shipment of hazardous and non-hazardous wastes will continue throughout the project. The floors will be pressure washed, and the resulting liquids will be containerized and shipped offsite for proper disposal. Piping in the building will be checked to ensure that no hazardous substances remain in them.

2.2.2 Issues

The building is in poor condition. There is no electricity in the building. Electricity is being provided through the use of generators with extension cords and lighting strings throughout the building. Heavy rains slow work in the building due to leaks in the roof and water flowing in from the yard.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

The EPA took the lead for the site on Thursday, June 2, 2016. Baltimore City Fire, Police, and Housing Departments and Office of Emergency Management, Maryland Department of the Environment, and EPA are continuing to coordinate on the response.

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.