

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region I

Subject: POLREP #3
Hilton Chrome
01HW
Lawrence, MA
Latitude: 42.7144000 Longitude: -71.1749000

To:
From: Karen Way, OSC
Date: 7/23/2012
Reporting Period: June 23 - July 20, 2012

1. Introduction

1.1 Background

Site Number:	01HW	Contract Number:	
D.O. Number:		Action Memo Date:	4/4/2012
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	5/9/2012	Start Date:	
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA-funded time critical removal action

1.1.2 Site Description

The Hilton Chrome site is a two-story industrial building located at 75 Holly Street, Lawrence, Essex County, Massachusetts (MA). The building has been used as a metal plating facility since at least 1977. The facility is currently owned by RKM Trust, and it is operated under the name Hilton Chrome Corporation. RKM Trust also owns the southern and eastern adjacent lots.

The building is a one- and two-story structure with a partial basement, and is divided into three wings (South, East, and West). The second floor of the western end of the building was destroyed by a fire that reportedly occurred in 1968. The building directly abuts the sidewalk on Holly Street, and a paved parking area is located between the street and the south wing. There is a paved driveway located on the northern adjacent property that was used by Hilton Chrome personnel to access the rear of the building. There are bay doors located on the west side of the South Wing, and at the northeastern corner of the East Wing. The area between the South and East Wings is overgrown with vegetation and brush. Debris, empty vats, vehicle parts, and a dumpster are located in the rear yard, at the east end of the building.

1.1.2.1 Location

The Site is located at 75 Holly Street in Lawrence, Essex County, Massachusetts. It is in a mixed residential/industrial area.

Latitude 42° 42' 51" north
Longitude 71° 10' 28" west

The Site is bounded:

- * to the South - Holly Street and commercial and residential buildings
- * to the West - Holly Street and commercial and residential buildings
- * to the North - industrial/commercial properties and the Spicket River
- * to the East - industrial/commercial properties and the Spicket River

1.1.2.2 Description of Threat

The building contains a significant number of vats and drums containing chemicals and liquids used in the metal plating process. The building is minimally secured, and sits on the Spicket River, which has flooded in the past. There are several areas in the building that are structurally compromised, including the roof, the second floor of the west wing, and the support beams in the east wing.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

A Preliminary Assessment/Site Investigation (PA/SI) was conducted in January 2012. Personnel observed the condition of the building, and the hand-written labels on the vats and drums, applied by the property owner. Personnel collected samples of several containers for laboratory analysis for metals. Metal results of the samples indicated the presence of lead, barium, chromium, and cyanide.

Personnel also collected samples for on-site analysis with an Ahura(R) Raman Spectrometer. Results were used to verify the contents based on the owner's labels, and to determine which containers required further analysis. Personnel also used pH paper to determine the acidity or alkalinity of the contents.

Please see the PA/SI report, located in the Documents section, for more information or analytical results.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

A site walk was conducted on May 4, 2012, with EPA OSC Karen Way, EPA Enforcement Coordinator Tina Hennessy, an Emergency Rapid Response Services (ERRS) Response Manager (RM), and a representative for the responsible party (RP) to verify and procure necessary resources to complete the removal action.

2.1.2 Response Actions to Date

See previous POLREP for actions prior to June 23, 2012.

The following activities were performed during this reporting period:

- * Transferred the contents of 5 vats into 250-gallon totes and 55-gallon drums.
- * Consolidated debris and powerwashed the floor of the west wing.
- * Removed debris and sludge from process line diked areas.
- * Disposed of contaminated concrete blocks.
- * Decontaminated wooden walkways and pallets.
- * Transported 18 250-gallon totes for disposal.
- * Packaged the bag house system for disposal.
- * Cleaned the wastewater treatment area and decommissioned the large vats in that area.
- * Removed the floor in the workroom and the subfloor debris.
- * Began investigating the subfloor area to aid in determining the extent of contamination in that area.

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

EPA obtained written property access from the operator of the Hilton Chrome Corporation, Richard Hilton, and from the property owner, RKM Realty Trust. Access was also obtained from the neighboring property owner, Spicket Realty Trust, operated by Richard Young.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

- Decommission vats and other containers to prevent reuse or rainwater collection.
- Remove all PCB containing ballasts and fluorescent light bulbs for disposal.
- Continue investigating extent of contamination.
- Transport remaining totes and drums for disposal.

2.2.1.2 Next Steps

- Demobilize personnel and equipment.

2.2.2 Issues

No known issues.

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

2.5.1 Safety Officer

N/A

2.5.2 Liaison Officer

N/A

2.5.3 Information Officer

N/A

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

Mass DEP
Lawrence Fire Department

4. Personnel On Site

1 EPA OSC
1 START SL
5 ERRS personnel

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.