

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Metropolitan Metals Finishing Site - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region I

Subject: **POLREP #5**
Final
Metropolitan Metals Finishing Site
014L
Hamden, CT
Latitude: 41.3357326 Longitude: -72.9344964

To:
From: Michael Barry, OSC
Date: 5/31/2010
Reporting Period: 4/17 - 4/15/2011

1. Introduction

1.1 Background

Site Number:	014L	Contract Number:	EP-W-08-061
D.O. Number:	0016	Action Memo Date:	1/20/2010
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	2/10/2010	Start Date:	2/10/2010
Demob Date:	4/16/2010	Completion Date:	5/18/2010
CERCLIS ID:	CTD001183052	RCRIS ID:	
ERNS No.:		State Notification:	2/10/2010
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Time Critical Removal Action.

1.1.2 Site Description

The Site is an abandoned, privately operated metal finishing business that went out of business in 1996, and has been abandoned since. The building has deteriorated in the intervening years; there is a hole in the roof which has allowed the basement to be filled with precipitation. Evidence of use as living quarters by local indigents was observed despite repeated efforts by local authorities to secure it by boarding up windows, installing locks, and adding police patrols. Residual plating shop contaminants and sludge in vats, tanks, and throughout the building present a hazard to the indigent residents.

The building is a one-story structure of approximately 18,000 square feet with a 1000 square foot basement on approximately 0.5 acres. In addition to metal plating process residues, It contains general debris, solid waste, and biological waste composed of food scraps and human waste from indigents' use of the facility as living quarters. The basement is flooded with about six feet of water, obstructing assessment of hazardous materials that may be in it.

1.1.2.1 Location

The Site is located in a mixed residential and commercial area adjacent to residential properties and a new greenway/recreational path on a former rail right-of-way. The address is 400 Goodrich St, Hamden, CT 06517 or 75 Daisy St, New Haven, CT 06511; the geographic position is 41 20.08' N, 072 56.04' W.

1.1.2.2 Description of Threat

Residual metal plating chemicals, sludge and residues present a contact hazard to local indigents using the Site as living quarters. Concentrations of metal contaminants on Site are above the CTDEP direct contact criteria for residential and commercial exposure scenarios. Due to the use of the site building, residential exposure scenario is appropriate. Mercury and PCB containing switches and fixtures are throughout the site building. Due to their degraded condition release of their contents to the building and environment is likely; thus exposing the building squatter residents and community.

The Site building has become a haven for local indigents' use as a living quarters and drug usage despite repeated attempts to secure it by town authorities. The activities result in a threat to public health and sanitation directly to those engaging in these activities and to the neighborhood and community as a whole. Indigents' attempts to heat and cook with fires and heaters and the large amount of solid debris and waste

on site pose a threat of fire which could mobilize the contaminants on site and release them to the environment.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The Site contains approximately 85 metal plating vats with residual contaminants, several tanks, process piping, and fixtures containing hazardous contaminants that are in poor condition. Not including the basement, which couldn't be inventoried; the following additional hazardous wastes and materials were identified; PCB and mercury containing light fixtures and switches and biological waste.

A total of 44 solid samples were collected inside the building from metal plating vats, tanks, the floor, walls and other components. The samples were analyzed for Resource Conservation and Recovery Act (RCRA) 8 metals, poly chlorinated biphenyls (PCB's), asbestos, hexavalent chromium, cyanide and Toxicity Characteristic Leaching Procedure (TCLP) metals analysis. The contaminants present a risk to indigent and homeless resident trespassers because they exceed CTDEP Residential and/or Commercial/Industrial Standards; analytical results for the highest result are shown below. CTDEP Residential Remediation Standard Regulation (RSR) and CTDEP Commercial/Industrial Direct Exposure Criteria (DEC) are provided for comparison:

Contaminant	Result, parts per million (ppm)	CTDEP RSR, Residential, ppm	CTDEP DEC, Commercial/Industrial, ppm
Antimony	170	27	8200
Cadmium	660	34	1000
Chromium (Total)	12,000	3900	51,000
Copper	180,000	2500	76,000
Lead	980	500	1000
Nickel	540,000	1400	7500
Zinc	190,000	20,000	610,000
Cyanide	40,000	1400	41,000

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Personnel conducted a site walk with 2 EPA OSC and the ERRS RM on 2/4/2010 to verify site conditions and then commenced lining up resources. On 2/10/2010 2 EPA OSC, 4 ERRS and 1 START personnel mobilized to the site and commenced set-up operations; clean up operations started on 2/11/2010 and the site was demobilized on 4/16/2010.

2.1.2 Response Actions to Date

2/04/2010 - 4/16/2010 - See POLREPS 1, 2, 3 and 4.

4/17/2010 - 5/18/2010

- No on-site operations this period; demobilized from the site on 4/16/2010.
- Administrative Record notices appeared in the New Haven Register on 4/9 and in the Quinnipiac University Chronicle on 4/14.
- Received final weight slips for off site disposal and final 1900-55's for ERRS and final TDD Amendments from START.
- Received Close-Out Letter from CTDEP.

6/25/2010: The final 1900-55 report from ERRS was received and approved.

4/15/2011: The draft Removal Action Completion Report was received from START and approved to be finalized with several comments.

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

The PRP's estate has been identified and provided access consent.

2.1.4 Progress Metrics. Amounts below are approximate, preliminary figures as of POLREP date:

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
Non-Haz, 30 cuyd containers; 9 total	Solid	103,840 Lbs.	N/A	None	Pine Ave Landfill Niagra Falls, NY
Scrap Metal, 20 cuyd containers; 9 total	Solid	69,620 Lbs.	N/A	None	Sims Metal Management, North Haven, CT
Basement and Vat Water	Liquid	100,000 + 2000 Gallons	N/A	None	Sanitary Sewer, Greater New Haven Water Pollution Control Authority
Vat Scrapings/Floor Sweepings, 8 Drums	Solid	8 Drums; billed by drum, 2400 Lbs. estimated	006756710 JJK	None	Vexor Technology, Inc., Medina, OH 44256
PCB Ballast, Mercury Tube Lamps, HID Lamps, Misc Wastes; 3 Drums, 1 Pail, 8 Boxes	Solid	873 Lbs.	006756711 JJK, none	None	Complete Recycling Solutions, Fall River, MA 02720

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

On-site actions are complete.

2.2.1.2 Next Steps

None - Removal/Site Completed.

2.2.2 Issues

-Line electric power was never obtained in a timely manner, used a 120 kw generator the whole time at a cost of approximately \$220 per day..

2.3 Logistics Section

No Issues

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

No action this period.

2.6 Liaison Officer

No action this period.

2.7 Information Officer

2.7.1 Public Information Officer

No action this period.

2.7.2 Community Involvement Coordinator

No action this period.

3. Participating Entities

3.1 Unified Command

Unified command wasn't used for this site, but there was a high degree of liaison with cooperating agencies.

3.2 Cooperating Agencies

CTDEP

CTDPH

Hamden City Economic and Community Development Department

Quinnipiack Valley Health District

4. Personnel On Site

None this period.

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report

Public Administrative Record Repositories are located at the New Haven Public Library (133 Elm St, New Haven, CT, 06510) and the Miller Memorial Library (2901 Dixwell Ave., Hamden, CT 06518).

The website for additional information is: <http://www.epaosc.org/MetMetalsHamdenCT>

6.2 Reporting Schedule

N/A

7. Situational Reference Materials

N/A