

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Thursday, June 18, 2009

From: Ramon Mendoza

Subject: Emergency Response Phase of Cleanup Completed

Economy Plating Inc. (Chicago)

2348-52 North Elston Avenue, Chicago, IL

Latitude: 41.9242500

Longitude: -87.6765300

POLREP No.:	2	Site #:	B5RT
Reporting Period:	6/13-17/2009	D.O. #:	
Start Date:	6/13/2009	Response Authority:	CERCLA
Mob Date:	6/13/2009	Response Type:	Emergency
Demob Date:	6/17/2009	NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	ILN000510347	Contract #	
RCRIS ID #:			

Site Description

Economy Plating Inc. is an former plating shop which operated for approximately 70 years. The site was discovered vacant and abandoned by the Chicago Department of the Environment (DOE) in January 2009. DOE's inspection indicated the presence of numerous drums and containers which were filled with unknown liquids and solids. Markings on the drums/containers include chromic acid, hydrochloric acid, methyl acetate, and oxidizer. DOE ordered the owner/operator to clean up the site. However, the owner/operator was unable to pay for the cleanup. The site was referred to USEPA for cleanup in May 2009.

Current Activities

USEPA conducted a site assessment on June 5, 2009 and found evidence of breakins & trespassers plus holes in the building where weather can enter the facility. Approximately 70 containers(open & closed, 5 gallons and greater)plus 12 vats were found containing old chromic acid solutions, other acids, and unknown solids. Several containers were found to be leaking in the basement. Open containers of white solids were sampled. Results received on June 12, 2009 indicated that two 5 gallon cardboard drums of solids contained up to 350,000 mg/kg of total cyanide. USEPA decided to conduct an emergency response on June 12, 2009.

On June 13, 2009, 0800 hrs, USEPA mobilized ERRS and START contractors to the site to secure the open containers of cyanide and leaking drums. The other objective was to secure the facility to prevent any more trespassing. These objectives were completed by 1800 hours. The cyanide was repacked in two 55 gallon polydrums and placed in the office area away from acid. 18 leaking containers were repacked. A drum of nitric acid was also overpacked. The facility was boarded up and new locks installed. Signage was installed to warn of the presence of hazardous material.

On June 17, 2009 USEPA and its contractor team successfully removed and disposed of the two drums of cyanide waste to a proper disposal facility. Additional signs and locks were installed to warn people to keep out. The removal of the drums containing the highly contaminated cyanide waste removed the immediate threat to the community and completes the emergency phase of the removal action.

Planned Removal Actions

Hazardous substances and waste remain at the site. USEPA is planning to conducted additional response actions to clean up the rest of the site as soon as possible.

Next Steps

Issue General Notice letters to potentially responsible parties.

Draft Action Memorandum in preparation of a time critical removal action.

Key Issues

Residents are within 10 feet of the site and are concerned. Present, past, and future activities at the site have been and will continue to be done in coordination with the community, Chicago DOE, Adlerman's office, Chicago Fire Department, and Chicago Police Department.

Disposition of Wastes

Waste Stream: RQ, Waste Cyanides, Inorganic, Solid, n.o.s. (Sodium Cyanide), 6.1, UN1588, PGII, (F008)

Quantity: Two Drums

Manifest #: 001344657 FLE

Disposal Facility: Envirite of IL. Harvey IL.

response.epa.gov/economyplatinginc