

**United States Environmental Protection Agency
Region X
POLLUTION REPORT**

Date: Friday, June 20, 2003

From: Marc Callaghan

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Subject: Interim

Columbia American Plating Company
3003 NW 35th Avenue, Portland, OR
Latitude: 45.5442000
Longitude: -122.7189000

POLREP No.: 8	Site #: 10BD
Reporting Period: June 16 -20, 2003	D.O. #: 64-10-16
Start Date: 5/13/2003	Response Authority: CERCLA
Mob Date: 5/15/2003	Response Type: Emergency
Demob Date:	NPL Status: Non NPL
Completion Date:	Incident Category: Removal Action
CERCLIS ID #: ORD068788926	Contract # TDD#0305004
RCRIS ID #: ORD068788926	

Site Description

CAPC is a medium sized commercial metal plating facility that performs several kinds or electroplating. Historically the site has been used for plating operations with zinc, nickel, copper, chromium, silver, gold, tin, and cadmium. Although processes varied from one metal to another, their general process involved pre-cleaning with caustic solution or solvent, acid pickling (which eliminated scales remaining after cleaning), metal plating, and often a final chromate dip to protect plated surfaces. Zinc plating is currently the primary process at the site. The facility employed approximately 13 people.

The primary concern at this Site was the threat of fire and explosion. The secondary concern is the threat posed by CERCLA hazardous substances and pollutant or contaminants releasing from abandoned drums, Above Ground Storage Tanks (AST's) and process area vats. Drums and containers onsite will continue to deteriorate over time. As a result, the potential of solvents, acids, bases, oil, and toxic chemicals to be released to the environment is high.

See initial Polrep for further background information.

Current Activities

Monday, June 16, 2003

EPA OSC (1), USCG PST (2), START (4), and ERRS (7) members on site. Three vacuum trucks arrived on scene and removed a total of 4500 gallons of Cyanide bulk liquid, and 3,742 gallons of Sulfuric/Hydrochloric Acid bulk liquid. ERRS removed numerous fiber and steel vats from plating shop and staged them outside. START provided atmospheric monitoring and oversight for all transfer evolutions as well as providing oversight for the bulking of liquids from smaller containers into 55-gallon drums.

Tuesday, June 17, 2003

EPA OSC (1), USCG PST (2), START (4), and ERRS (7) members on site. ERRS filled approximately one and one quarter Non RCRA roll off bins with emptied poly containers, and completed pulling vats from ¼ of the plating shop area. START completed hazard categorization of approximately 24 samples, and now has hazard categorized 1,411 liquid samples to date.

Wednesday, June 18, 2003

EPA OSC (1), USCG PST (2), START (4), and ERRS (7) members on site. ERRS bulked out most the chemicals in the office area of the plating shop, and worked on segregating solids in NSA. START completed hazard categorizing 16 samples and is now at 1,427 samples to date. Two roll-off bins with non-RCRA debris were picked up and removed from site.

Thursday, June 19, 2003

EPA OSC (1), USCG PST (2), START (4), and ERRS (7) members on site. START completed 27 hazcat samples bringing the sample total to 1,438. ERRS continued removing various vats from the plating shop as well as consolidating sludge under the vats for sampling. Two roll off bins for RCRA waste were delivered to the site today and filled with waste from the plating assembly line. ERRS continued classifying various chemicals for lab packing and bulking. ERRS also consolidated solid haz waste that has been stored on the NSA of the plating shop. This solid hazardous waste is being segregated into one yard bags for off site disposal. Quantum Resource Recovery delivered one roll off box to the site today. The roll off bin will be used to collect salvagable metal vats for recycling purposes. The RP arrived on site today to recover some personal items from the facility.

Friday, June 20, 2003

EPA OSC (1), USCG PST (2), START (4), and ERRS (7) members on site. ERRS continued to remove vats and plating line assembly to facilitate sampling underneath the plating line. START began gathering solid / sludge sampling from below the plating line, samples are to be sent out for analytical laboratory testing. START also gathered sediment samples from the waste water treatment unit (WWTU) on the North side of the plating shop. Large amounts of sediment are contained within several of these aboveground storage tanks. It appears that the WWTU was being used for the improper storage of Hazardous waste. Multiple 5 gallon containers placarded as Hazardous Waste are contained within the WWTU and are dated in the year 1988. D0003 and F0008 waste streams have been identified. ERRS continued to consolidate smaller chemical containers for lab packing.

Next Steps

Where appropriate, ERRS will continue bulking hazardous waste by waste stream and remove via vacuum truck, baker tank, or drums, for proper disposal. They will also work on the bulking sequence for the vats for the upcoming pumping operation. START will continue staging and HAZCATing unknown drums and containers as well as manage on site water accumulation. As time allows, ERRS will continue removing contaminated debris, characterize sludges and liquids beneath vats in plating room as well as remove all sludges and liquids from floor and wastewater treatment unit.

Key Issues

Please refer to Polrep #5 for all updated Waste stream information.

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