

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

Date: Thursday, August 6, 2009

From: Kevin Turner

To: Kevin Turner, Superfund - Emergency Response Branch
Jason El Zien, US EPA
William Messenger, US EPA
Charles Gebien, US EPA
John Maritote, US EPA
David Chung, US EPA
Andy Stinchfield, IDEM
Harry Atkinson, IDEM
Dona Bergman, Evansville

Richard Karl, US EPA
Linda Nachowicz, US EPA
William Ryzcek, US EPA
Mark Durno, US EPA
Jaime Brown, US EPA
Max Michaels, IDEM
Troy Woodruff, IDEM
Roger Wilson, IDEM
Carolyn Rusk, Evansville

Subject: Clean-up Continues
Miller Plating Site
1551 Allen Lane, Evansville, IN
Latitude: 38.0083700
Longitude: -87.5862900

POLREP No.:	6	Site #:	B5MS
Reporting Period:		D.O. #:	0004
Start Date:	1/19/2009	Response Authority:	CERCLA
Mob Date:	1/19/2009	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	IND 006 365 985	Contract #	EP-S5-09-05
RCRIS ID #:			

Site Description

See Initial POLREP

Current Activities

- Air monitoring continues to be conducted during site activities.
- On July 21, 2009, 4,900 gallons of hazardous liquids (D002 corrosive, D003 reactive, D007 Chromium, D008 Lead, D009 Mercury and D011 Silver) was transported to Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN.
- On July 27 and August 3, 2009, 32 tons of hazardous debris (D002 and F008 plating bath residues from the electroplating operations where cyanides are used in the process) was transported to Michigan Disposal Waste Treatment Plant, 49350 North I-94 Service DR Belleville, MI.
- On July 30, 2009, 1,420 gallons of hazardous liquids (nitric acid, sulfuric acid and hydrochloric acid (D002)) was transported to Heritage Environmental Services.
- ERRS continue to remove piping from and above former plating lines. Once removed, the pipes are decontaminated and placed into a roll-off box for off-site disposal. A total of 28,920 feet of piping has been removed for disposal thus far. In addition, empty drums are decontaminated cut-up or smashed and placed into the roll-off. Approximately 119.67 tons of non-hazardous debris has been disposed of thus far. The non-hazardous debris is disposed at the Laubscher Meadows Landfill in Evansville, IN.
- Approximately 84,765 gallons of non-hazardous liquid waste has been taken off site by Waste Management. The non-hazardous waste liquid was taken to the Outerloop Landfill located in Louisville, KY, for solidification.
- Approximately 5.16 tons of scrap metal has been taken off site by a local recycler, Fligeltaub of Evansville, IN.
- ERRS is carrying on the process of decommissioning the tanks located on site. The tanks are decommissioned by cutting large holes toward the bottom or cutting them in half. As of July 28th, 43 tanks have been decommissioned.
- Site operations were ceased July 4th to July 12th.
- Solidification of sludge's found in tanks, drums, totes and other containers found through-out the

facility. Solidification is being accomplished by the use of lime, corn cob or saw dust depending on the amount of free liquids present and the type of sludge.

Planned Removal Actions

- Compatible waste streams will be bulked, re-containerized, and appropriately prepared for disposal at off-site disposal facilities.
- Continue emptying tanks, piping, debris, drums and other containers will be cleaned as necessary, cut to size and disposed of at off-site disposal facilities.
- Continue to clean floors, walls, ceilings, building components and building contents and/or dispose of items as reasonably possible to remove contamination from spills and contaminated dust or other materials to prevent contaminant migration or cross contamination of cleaned areas.
- Continue to disassemble the dilapidated portion of the waste water treatment building.
- Characterize soil from a historic spill which occurred outside the bulk waste water treatment storage building on the east side of the property. Once characterized, dispose of roll-off containing the soil off-site.
- Characterize, remove and properly dispose of hazardous substance and wastes located at the Site in accordance with U.S. EPA's Off-Site Rule (40 CFR 300.440).
- Request for quote for lab-packing, house hold hazardous waste chemicals, and disposal of various materials which do not fit into any other waste stream

Key Issues

- Safe work practices when working with cyanide waste in unknown conditions
- Continue to determine the exact quantities of waste liquids and solids remaining on-site for off-site disposal
- Long term oversight of subsurface contamination coming to the surface and other environmental issues needs to be addressed and discussed before demobilization occurs

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
RQ, UN3414, Waste Sodium Cyanide, Solution, 6.1 PGII, Sodium Cyanide/Potassium Cyanide, (D009, D011), ERG#154	4,900 gallons	000260292WAS	Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN 46231
RQ, Hazardous Waste Solid, n.o.s. (Chromium),9, NA3077, PGIII, (RQ-10 lbs), (D007,F008)	16 tons	0002689582FLE	Michigan Disposal Waste Treatment Plant, 49350 North I-94 Service DR Belleville, MI
RQ,UN1796 Waste Nitrating Acid Mixtures, 0, PGII, (D002), ERG#157	700 gallons	000271748WAS	Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN 46231
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RQ, Hazardous Waste Solid, n.o.s. (Chromium),9, NA3077, PGIII, (RQ-10 lbs), (D007,F008)	16 tons	002689590WAS	Michigan Disposal Waste Treatment Plant, 49350 North I-94 Service DR Belleville, MI
Non Hazardous Debris	4.16 tons	0250176	Laubscher Meadows Landfill, 2020 Laubscher Road, Evansville, IN

Non Hazardous Debris	8.21 tons	0250177	Laubscher Meadows Landfill, 2020 Laubscher Road, Evansville, IN
Non Hazardous Debris	9.01 tons	0250178	Laubscher Meadows Landfill, 2020 Laubscher Road, Evansville, IN

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