

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

Date: Thursday, July 2, 2009

From: Kevin Turner

To: Kevin Turner, Superfund - Emergency Response Branch	Richard Karl, US EPA
Jason El Zien, US EPA	Linda Nachowicz, US EPA
William Messenger, US EPA	William Ryczek, US EPA
Jeff Kelley, US EPA	Charles Gebien, US EPA
Mark Durno, US EPA	John Maritote, US EPA
Jaime Brown, US EPA	David Chung, US EPA
Michael Chezik, Department of Interior	Max Michaels, IDEM
Andy Stinchfield, IDEM	Troy Woodruff, IDEM
Harry Atkinson, IDEM	Roger Wilson, IDEM
Dona Bergman, Evansville	Carolyn Rusk, Evansville

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

POLREP No.: 5	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. There are two Area RAEs and two Multi RAEs with hydrogen cyanide sensors installed and placed around the work areas.
- On May 29th, 8,800 gallons of hazardous liquids (D002 corrosive, D003 reactive, D007 Chromium, D008 Lead and D011 Silver) were transported to Vickery Environmental, Inc., Vickery, OH.
- On June 3, 4,900 gallons of liquid cyanide waste (hazardous waste code F007) were transported to Envirite of Illinois for disposal located in Harvey, Illinois.
- On June 10, 9,800 gallons of hazardous liquids (D007 and D011) were transported to Heritage Environmental Services, Indianapolis, IN.
- On June 12, 4,400 gallons of hazardous liquids(D007 and D011) was transported to Heritage Environmental Services.
- On June 23, 8,800 gallons of liquid cyanide waste (F007 and D011) was transported to Heritage Environmental Services.
- On June 24th, 9,200 gallons of hazardous liquids (D002, D007, D008, D010 and D011) was transported to Vickery Environmental, Inc.
- On June 25th, the low pH liquids that were bulked into the Wheel Line pit were pumped into four 3,000 gallon tanks for future off-site disposal. ERRS began the process of decommissioning the Wheel Line pit by cutting pipes and the compartmentalized containment located within the pit. The cut up material was then cleaned by a pressure washer and placed into a roll-off for off-site disposal.
- On June 26 the frac tank was emptied, cleaned and taken off site.
- On July 1st, 8,200 gallons of liquid cyanide waste (D002, D003, D007, D008, D009 mercury, D011) was transported to Heritage Environmental Services.
- On July 2nd, 4,900 gallons of hazardous liquid (D002 and D007) were transported to Envirite of Illinois for disposal.

- ERRS continue the removal process of piping from former plating lines. Once removed, the pipes are decontaminated and placed into a roll-off box for off-site disposal. In addition, empty drums are decontaminated and placed into the roll-off. Approximately 98.29 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.
- Sludge from non-hazardous liquid tanks is processed through an on-site sludge press. The liquids are disposed of with the non-hazardous liquids and the solids with the non-hazardous debris.
- Approximately 84,097 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 recycling company.
- ERRS continues the decommissioning the tanks located on site. The tanks are decommissioned by cutting large holes toward the bottom or cutting then in half. As of July 2nd, 25 tanks have been decommissioned.
- Site operations were ceased July 4th to July 12th.

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 the contaminated soils are characterized and scraped into a pile they will be disposed of 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).
- Lab-pack laboratory and house hold hazardous waste chemicals for off-site disposal
- Solidification of sludge's found in tanks, drums, totes and other containers found through-out the facility

Key Issues

- Safe work practices when working with cyanide waste in unknown conditions
- Continue determining of exact quantities of waste liquids remaining on site for off-site disposal

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$900,000.00	\$819,019.00	\$80,981.00	9.00%
RST/START	\$98,000.00	\$84,429.00	\$13,571.00	13.85%
Intramural Costs				
USEPA - Direct (Region, HQ)	\$50,000.00	\$42,985.00	\$7,015.00	14.03%
Total Site Costs				
	\$1,048,000.00	\$946,433.00	\$101,567.00	9.69%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
RQ, Waste Chromic Acid Solution, 8, UN1755,II, D002,D007	8,800 gallons	002010023/002010024	Vickery Environmental,

			Inc. 3956 St. Rt. 412 Vickery, OH 43464
RQ Waste Corrosive Liquids, Toxic N.O.S. (Sodium Hydroxide, Sodium Cyanide) 8, UN3922 PGII (F007)	4,900	001647907	Envirite of Illinois, 16435 S. Center Ave. Harvey, IL 60426
RQ, UN3414 Waste Sodium Cyanide Solution 6.1, PG II (Sodium Cyanide/Potassium Cyanide) (D007, D011) ERG #154	9,800 gallons	000234263WAS/000234264WAS	Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN
RQ, UN3414 Waste Sodium Cyanide Solution 6.1, PG II (Sodium Cyanide/Potassium Cyanide) (D011, D007) ERG #154	4,400 gallons	000234399WAS	Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN
RQ, UN3414 Waste Sodium Cyanide Solution 6.1, PG II (Sodium Cyanide/Potassium Cyanide) (D011, D007) ERG #154	8,800 gallons	000234399WAS	Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN
RQ, Waste Corrosive Liquid, Acidic, Inorganic, N.O.S., (Sodium Hydroxide), 8, UN3264, III, D002, D007, D008, D010, D011	9,200 gallons	002009174FLE/002009175FLE	Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN
RQ, UN3414, Waste Sodium Cyanide Solution, 6.1 PG II (Sodium Cyanide/Potassium Cyanide) (D009, D011), ERG #154	8,200 gallons	002009174FLE/002009175FLE	Vickery Environmental, Inc. 3956 St. Rt. 412 Vickery, OH 43464
RQ Waste Corrosive Liquid acidic inorganis N.O.S. (sulfuric Acid, Chromic Acid)8, 3264, PG II (D002, D007)	4,900 gallons	002009174FLE/002009175FLE	Envirite of Illinois, 16435 S. Center Ave. Harvey, IL 60426
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