United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, August 17, 2007
From: Craig Thomas

Subject: Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094000
Longitude: -87.9897000

POLREP No.:	2	**Site #:**	B5FU
Reporting Period:	8/13/2007 - 8/17/2007	**D.O. #:**	80
Start Date:	7/30/2007	**Response Authority:**	CERCLA
Mob Date:	7/30/2007	**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:	WIN000510186	**Contract #**	
RCRIS ID #:			

Site Description

The Plating Engineering Facility is located at 1928 S. 62nd Street in West Allis, Wisconsin. The Facility operated at this site from approximately 1948 through 2006. Previous operations at this site included a foundry.

Beginning in 1952 and continuing through the mid-1960s, a number of additions were made to the original building structure. In 1971, a fire caused significant damage to a large portion of the building, causing much of the structure to be re-built. The facility closed in December, 2006.

The Plating Engineering Facility performed heavy salvage plating for mis-matched parts and corrosion resistance using nickel, copper, chrome, tin, lead, electroless nickel, bronze plating, electropolishing, and electroforming. The primary process consisted of hard nickel plating.

In 1993, The Milwaukee Metropolitan Sewage District took action to cement up all outflows from the building as chemicals were allegedly being dumped into the sanitary sewer. The building was later reconnected to the sewer.

The State of Wisconsin brought a law suit against the Plating Engineering Facility for chromium air violations in 2004-2005.

In December, 2006, the Facility was abandoned with materials and chemicals left in place. Electric power was shut off on December 5, 2006, and water was shut off on December 11, 2006. The City of West Allis has determined that the building is un-occupiable. The City posted a condemnation notice on the building dated May 11, 2007.

Current Activities

Removal Actions continue Monday through Friday on site. Inventory of drums and vats, and sketch completed. Sampled drums and vats for disposal characterization. All samples were run with HAZCAT procedures to determine appropriate waste stream and disposal composites were prepared and sent to the lab for disposal parameter analysis. Power and water supply were completed to the trailers and building. Off hours security remains on site and weekend coverage. Non hazardous solid waste has been loaded into roll off boxes and sent off site to Republic for disposal. Scrap metal is separated, decontaminated and staged on site for future reclamation. A small mercury spill was cleaned-up in the upper room above the lab. Screening with the Lumex after the clean up indicated the room and whole building were below health standards. Acid liquids were composited and disposal of the acid liquids was set up at Waste Management Facility Vickery Ohio. Six tanker trucks with a total estimated volume of 24,000 gallons were shipped off site for disposal. Additional tankers will be needed to remove the acid liquids found on site. Oxidizers were consolidated on site and will be shipped off for disposal. Cyanide liquids and solids were consolidated in 55 gallon Poly Drums and disposal analysis and disposal will be set up. Lab Chemicals were inventoried and will be consolidated into compatible waste streams and disposal will be set up. Asbestos containing areas were secured and labeled. Neutral liquids are being composited and dispoal will be set up. Empty drums are cut up and placed into roll-off boxes for disposal. Sludge from the bottom of the vats was sampled and will have to be hand shoveled into 55 gallon poly drums.

At the end of the day on August 07, 2007, beads of mercury were discoverd under a tarp on the second floor of the facility. ERRS undertook a mercury clean up on August 08, 2007.

Pumped and disposed of approximately 10,000 gallons of waste chromic acid from plating vats.

Disposed of 60 cubic yards of non-hazardous debris.

Planned Removal Actions

Remove solids from plating vats.
Complete consolidation of neutral liquids.
Continue disposal of non-hazardous waste.
Set up disposal for cyanide liquids and solids, acid solids, neutral liquids, lab chemicals.
Sample and estimate sludge volume in pits
Set up confined space entrys for removal of solids from plating tanks and vats.
Set up scrap reclamation.
Consolidate lab chemicals into compatible waste streams.
Remove solid and sludge from pits for disposal.
Assess volume and cost of friable asbestos.
Sample outside soil for heavy metals and cyanide
Decontaminate floors and walls.

Next Steps

Continue removal actions to complete above planned removal actions.

Key Issues

None

Disposition of Wastes

DATE WASTE STREAM MANIFEST MAN DOC # DISPOSAL COMPANY VOLUME
8/7/2007 RCRA Empty Containers 00001 Republic Services 30 yd
8/9/2007 RCRA Empty Containers 00002 Republic Services 30 yd
8/9/2007 RCRA Empty Containers 00003 Republic Services 30 yd
8/10/2007 Chromic Acid 001424145 FLE Vickery 3919 gal
8/10/2007 Chromic Acid 001424146 FLE Vickery 3768 gal
8/10/2007 Chromic Acid 001424147 FLE Vickery 3518 gal
8/10/2007 Chromic Acid 001424148 FLE Vickery 4640 gal
8/14/2007 Chromic Acid 001424149 FLE Vickery 3282 gal
8/15/2007 Chromic Acid 001424150 FLE Vickery 4297 gal
8/16/2007 RCRA Empty Containers 00004 Republic Services 30 yd