United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, August 10, 2007
From: Craig Thomas, OSC

To: Linda Nachowicz, U.S. EPA
David Chung, U.S. EPA
Michael Harris, U.S. EPA
Marie Stewart, WDNR

Subject: Initiation Of Action
Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094
Longitude: -87.9897

POLREP No.:	1	**Site #:**	B5FU
Reporting Period:	7/30/07 - 8/10/07	**D.O. #:**	80
Start Date:	7/30/2007	**Response Authority:**	CERCLA
Mob Date:	7/30/2007	**Response Type:**	Time-Critical
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:	WIN000510186	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

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 poriton 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 dating May 11, 2007.

Current Activities

Mobilized to the site. Cleared and grubbed haul areas around the site. Established work areas inside the facility. Created an inventory of drums and vats, and sketched out the location of each

of these containers. Sampled drums and vats for disposal characterization.

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
Continue pumping vat and drum liquids into tanker trucks for off-site disposal. Dispose of drummed solids.

Assess and abate possible asbestos containing material, and dispose of as necessary.

Evaluate surface soils outside the building and excavate as necessary.

Next Steps
Continue pumping liquids in vats and drums into tanker trucks for off-site disposal.

Key Issues
None

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Non-Hazardous Debris	30 cubic yards	00001	Republic Services Kestrel Hawk 1989 Oakes Road Racine, WI
Chromic Acid	3919 gallons	001424145	Vickery Environmental, Inc. 3956 State Route 412 Vickery, OH
Chromic Acid	3768 gallons	001424146	Vickery Environmental, Inc. 3956 State Route 412 Vickery, OH
Chromic Acid	3518 gallons	001424147	Vickery Environmental, Inc. 3956 State Route 412 Vickery, OH

www.epaosc.net/platingengineering

Non-H D : 30
Cr Acid : 11,205

United States Environmental Protection Agency
Region V
POLLUTION REPORT

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

To: Linda Nachowicz, U.S. EPA
David Chung, U.S. EPA
Michael Harris, U.S. EPA
Marie Stewart, WDNR

Subject: Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094
Longitude: -87.9897

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
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:	WIN000510186	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

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

> 120yd
Cr Acid: 23,424 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

www.epaosc.net/platingengineering

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, August 31, 2007
From: Craig Thomas, OSC

To: Linda Nachowicz, U.S. EPA
David Chung, U.S. EPA
Michael Harris, U.S. EPA
Marie Stewart, WDNR

Subject: Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094
Longitude: -87.9897

POLREP No.:	3	**Site #:**	B5FU
Reporting Period:	8/20/2007 -8/31/2007	**D.O. #:**	80
Start Date:	7/30/2007	**Response Authority:**	CERCLA
Mob Date:	7/30/2007	**Response Type:**	Time-Critical
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:	WIN000510186	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

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 are being updated as wastes are consolidated or disposed of. Finished sampling small containers from lab area 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.

During work with the lab containers another small bottle of mercury was discovered after a small amount of its contents was released on to a work bench. ERRS conducted a removal action to address this mercury on August 22nd, 2007.

Off hours security remains on site and also provides weekend coverage. Non-hazardous solid waste was loaded into roll off boxes and two boxes were sent off site to Republic for disposal. Continued loading scrap metal into roll off boxes. Continued separating, decontaminating and staging scrap metal on site, and sent three30-cubic yard roll-off boxes of scrap metal off for reclamation.

Acid liquids were composited and disposal of the acid liquids was set up at Waste Management Facility Vickery Ohio. On August, 21st, 2007 two more tanker trucks with a total estimated volume of 9,100 gallons were shipped off site for disposal. Additional tanker trucks may still 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 has been completed; disposal is currently being set up. Lab Chemicals were inventoried and have been consolidated into compatible waste streams and disposal will be set up. Neutral solids and liquids are still being composited and waste disposal is being arranged. Suspected asbestos containing areas were secured and labeled, and plans have been made to conduct sampling of these materials. Neutral liquids have been composited and disposal will be set up. Empty drums are continuing to be cut up and placed into roll-off boxes for disposal. Sludge from the bottom of the acid vats was hand shoveled into 55 gallon poly drums.

Disposed of 60 cubic yards of non-hazardous debris.

Planned Removal Actions

Continue removing solids from plating vats.
Continue disposal of non-hazardous waste.
Set up disposal for cyanide liquids and solids, acid solids, neutral liquids and solids, and lab chemicals. Sample and estimate sludge volume in pits

Set up confined space entrys for removal of solids from plating tanks and vats. Continue scrap reclamation. Continue removing 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

Sampling of suspected asbestos-containing materials (Acm). Provide 10-day State notification prior to removal of ACM. Continue all removal activities to complete above planned removal actions.

Key Issues

None

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
RCRA Empty Containers & Debris	30 cubic yards	00005	Republic Waste Services Kestrel Hawk

			1989 Oakes Road Racine, WI 53406
RCRA Empty Containers & Debris	30 cubic yards	00006	Republic Waste Services Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Chromic Acid	4,500 gallons	001424151 FLE	Vickery Environmental, Inc. 3956 State Route 412 Vickery, OH 43464
Chromic Acid	4,600 gallons	001424152 FLE	Vickery Environmental, Inc. 3956 State Route 412 Vickery, OH 43464

www.epaosc.net/platingengineering

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, September 14, 2007
From: Craig Thomas, OSC

To: Linda Nachowicz, U.S. EPA
David Chung, U.S. EPA
Michael Harris, U.S. EPA
Marie Stewart, WDNR

Subject: Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094
Longitude: -87.9897

POLREP No.:	4	**Site #:**	B5FU
Reporting Period:		**D.O. #:**	80
Start Date:	7/30/2007	**Response Authority:**	CERCLA
Mob Date:	7/30/2007	**Response Type:**	Time-Critical
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:	WIN000510186	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

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 are being updated as wastes are consolidated or disposed of.

Off hours security remains on site and also provides weekend coverage. Non-hazardous solid waste was loaded into roll off boxes and one box was sent off site to Republic for disposal. Continued loading scrap metal into roll off boxes. Continued separating, decontaminating and staging scrap metal on site, and sent two 30-cubic yard roll-off boxes of scrap metal off for reclamation. The interior liner of steel vats were removed before the steel vats were cut and placed in the scrap metal roll-off boxes.

Neutral liquids were consolidated and disposal of the netral liquids was set up at EQ Detroit Inc, Detroit, MI. On Septermber, 13st, 2007, one tanker truck with a total estimated volume of 4,500 gallons were shipped off site for disposal. Additional tanker trucks will be needed to remove the neutral liquids found on site. Lab Chemicals have been consolidated into compatible waste streams and disposal will be set up. Acid solids are still being composited and waste disposal is being arranged. Suspected asbestos containing areas have been assessed and sampled. Empty drums are continuing to be rinsed, cut up, and placed into roll-off boxes for disposal. Sludge from the bottom of the acid vats and pits were hand shoveled into 55 gallon poly drums.

Disposed of 30 cubic yards of non-hazardous debris. Disposed of 50 cubic yards of neutral solids that were hauled by Clean Harbor Services, Inc. to Chicago, IL.

Planned Removal Actions

Continue removing solids from plating vats.
Continue disposal of non-hazardous waste.
Continue disposal of neutral solids and liquids.
Set up disposal for cyanide liquids and solids, acid solids, and lab chemicals.

Set up confined space entries for removal of solids from plating tanks, vats, and pits. Continue scrap reclamation. Continue removing 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

Provide 10-day State notification prior to removal of ACM. Continue all removal activities to complete above planned removal actions.

Key Issues

None

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
RCRA Empty Containers & Debris	30 cubic yards	00007	Republic Waste Services Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Neutral Solids	25 cubic yards	000533815 FLE	Clean Harbors Services, Inc. 11800 South Stony Island Ave Chicago, IL 60617
Netral Solids	25 cubic yards	000533817 FLE	Clean Harbors Services, Inc. 11800 South Stony Island Ave

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, September 14, 2007
From: Craig Thomas, OSC

To: Linda Nachowicz, U.S. EPA
David Chung, U.S. EPA
Michael Harris, U.S. EPA
Marie Stewart, WDNR

Subject: Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094
Longitude: -87.9897

POLREP No.:	4	**Site #:**	B5FU
Reporting Period:		**D.O. #:**	80
Start Date:	7/30/2007	**Response Authority:**	CERCLA
Mob Date:	7/30/2007	**Response Type:**	Time-Critical
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:	WIN000510186	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

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 are being updated as wastes are consolidated or disposed of.

			Chicago, IL 60617
Neutral Liquids	4,500 gallons	001422499 JJK	EQ Detroit, Inc. 1923 Frederick Street Detroit, MI 48211

www.epaosc.net/platingengineering

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, September 28, 2007
From: Craig Thomas, OSC

To: Linda Nachowicz, U.S. EPA
David Chung, U.S. EPA
Michael Harris, U.S. EPA
Marie Stewart, WDNR

Subject: Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094
Longitude: -87.9897

POLREP No.:	5	**Site #:**	B5FU
Reporting Period:	9/17/07 - 9/28/07	**D.O. #:**	80
Start Date:	7/30/2007	**Response Authority:**	CERCLA
Mob Date:	7/30/2007	**Response Type:**	Time-Critical
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:	WIN000510186	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

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 are being updated as wastes are consolidated or disposed of.

Off hours security remains on site and also provides weekend coverage. Non-hazardous solid waste was loaded into roll off boxes and 60 cubic yards (two boxes) were sent off site to Republic for disposal.

Continued loading scrap metal into roll off boxes. Continued separating, decontaminating and staging scrap metal on site, and sent two 30-cubic yard roll-off boxes of scrap metal off for reclamation.

9125 gallons of hazardous waste liquids were sent to EQ Detroit Inc, Detroit, MI.

6160 gallons of Acid solids were sent to the Michigan Disposal Waste Treatments Plant in Belleville, MI.

70 cubic yards (3 boxes) of environmentally hazardous waste solids were sent to Clean Harbors in Chicago, IL.

4700 gallons of waste chromic acid solutions were sent ot Vickery, OH.

100 gallons of waste ammonia solutions were sent ot PCI in East Chicago, IN.

10 day notification was provided to the State for the upcoming asbestos abatement.

Currently all but 3 vats have been emptied, cut up, and placed into roll-off boxes for disposal. Sludge from the bottom of the acid vats and pits were hand shoveled into 55 gallon poly drums.

Sampled outside soil for heavy metals and cyanide. Sampled potential borrow source, which will be used, pending sample analytical results, to backfill pits in the building.

Planned Removal Actions
Continue removing solids from plating vats.
Continue disposal of non-hazardous waste.
Continue disposal of neutral solids and liquids.
Continue disposal of cyanide liquids and solids, acid solids, and lab chemicals.

Continue confined space entries for removal of solids from plating tanks, vats, and pits, as necessary. Continue scrap reclamation. Continue removing solid and sludge from pits for disposal. Make preparations for removal of friable asbestos. Remove mercury wastes discovered in building. Remove freon from units in building. Decontaminate floors and walls.

Next Steps
Continue all removal activities to complete above planned removal actions.

Key Issues
None

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Non-Hazardous RCRA Empty Drums and Debris	30 cubic yards	00008	Republic Waste Services Kestrel Hawk 1989 Oakes Road

			Racine, WI 53406
R.Q., Hazardous Waste Liquids, N.O.S., (Chrome,Lead), NA3082, PGIII	5000 Gallons	001426625 JJK	EQ Detroit Inc., 1923 Frederick Street Detroit, MI 48214
R.Q, Waste Corrosive Liquids, Acidic, Inorganic, N.O.S., 8, UN3264, PG II	2860 Gallons	002845934 JJK	Michigan Disposal Waste Treatment Plant, 49350 N 1-94 Service Drive Belleville, MI 48111
RQ, Waste Corrosive Liquids, Acidic, Inorganic, N.O.S., 8, UN3284, PG II	3,300 gallons	002845934 JJK	Michigan Disposal Waste Treatment Plant, 49350 N I-94 Service Drive Belleville, MI 48111
RQ, Hazardous Waste Liquids, N.O.S., (Lead, Tricholorethylene), 9, UN3077, PGIII	4125 Gallons	001422482 JJK	EQ Detroit, Inc. 1923 Frederick Street Detroit, MI 48214
Waste Enviromentally Hazardous Substances, Solid, N.O.S., (Lead, Trichloroethylene) 9, UN3077, PGIII	20 Cubic Yards	000533816 FLE	Clean Harbors Services Inc, 11800 South Stony Island Ave Chicago, IL 60617
Waste Environmentally Hazardous Substances, Solid, N.O.S., (Lead, Trichloroethylene),9, UN3077, PGIII	25 cubic yards	001085424 FLE	Clean Harbors Services Inc, 11800 South Stony Island Ave Chicago, IL 60617
RQ, Waste Chromic Acid Solution, 8,UN1755,II,D002,D006,D007,D008	4700 gallons	001424153 FLE	Vickery Environmental, Inc. 3956 State Route 412 Vickery, OH 43464
RQ, Waste Ammonia Solutions,8,UN2672,PGIII, (RQ = D002 = 100) ERG 154	100 gallons	000592664 JJK	Pollution Control Industries 4343 Kennedy Avenue East Chicago, IN 46312
Waste Environmentally Hazardous Substances, Solid, N.O.S.,(Lead, Trichloroethylene),9,UN3077,PGIII	25 cubic yards	000533980 FLE	Clean Harbors Services Inc. 11800 South Stony Island Ave. Chicago, IL 60617
Crushed RCRA Empty Cont. & Debris	30 cubic	0009	Republic Services,

	yards		Inc. Kestrel 1989 Oakes Road Racine, WI 53406

www.epaosc.net/platingengineering

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, October 12, 2007
From: Craig Thomas, OSC

To: Linda Nachowicz, U.S. EPA
David Chung, U.S. EPA
Michael Harris, U.S. EPA
Marie Stewart, WDNR

Subject: Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094
Longitude: -87.9897

POLREP No.:	6	**Site #:**	B5FU
Reporting Period:	10/01/07 - 10/12/07	**D.O. #:**	80
Start Date:	7/30/2007	**Response Authority:**	CERCLA
Mob Date:	7/30/2007	**Response Type:**	Time-Critical
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:	WIN000510186	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

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, except for the Federal Holiday on October 8th.

Off hours security remains on site and also provided weekend coverage. Non-hazardous solid

waste was loaded into a roll off box and 30 cubic yards (one box) was sent off site to Republic for disposal.

Continued loading scrap metal into roll off boxes. Continued separating, decontaminating and staging scrap metal on site, and sent one 30-cubic yard roll-off box of scrap metal off for reclamation.

100 cubic yards (4 boxes) of environmentally hazardous waste solids were sent to Clean Harbors in Chicago, IL.

Currently all of the vats have been emptied. However one wax vat on northeast side could not be removed; the above-ground portion of that vat was cut-off, and the remainder of the vat was backfilled once the wax was removed. The rest of the vats have been cut up, and placed into roll-off boxes for disposal. Sludge from the bottom of the acid vats and pits were hand shoveled into 55 gallon poly drums. The acid vats were then removed and cut up for recycling.

A licensed contractor was hired to remove Freon from the refrigeration units inside building.

Confirmed that the borrow source soil was acceptable. Backfilled all but one of the pits in the building.

Mobilized asbestos abatement team from Veolia. Began abatement of asbestos.

Began removing contaminated soils along the south side of the building down to a maximum depth of two feet. Backfilled the soil excavations with clean fill.

Planned Removal Actions
Finish disposal of non-hazardous waste.
Finish disposal of neutral solids and liquids.
Finish disposal of cyanide liquids and solids, acid solids, and lab chemicals.

Backfill last remaining pit.

Finish scrap reclamation. Complete removal of friable asbestos. Remove mercury wastes discovered in building. Decontaminate floors and walls.

Finish soil excavation from the south side of the building, and dispose of contaminated soil. Backfill remaining excavation areas.

Finish backfilling alley way along back side of building.

Next Steps
Secure the building. Demobilize from site.

Key Issues
None

Disposition of Wastes
Waste Environmentally Hazardous Substances, Solid, N.O.S., (Lead, Trichloroethylene), 9, UN3077, PGIII - 100 yds

Crushed RCRA Empty Containers & Debris - 30 yds

Waste Stream	Quantity	Manifest #	Disposal Facility
Waste Environmentally Hazardous Substances, Solid, N.O.S., (Lead, Trichloroethylene), 9, UN3077, PGIII	25 cubic yards	000915846FLE	Clean Harbors Services, Inc. 1180 South Stony Island Ave Chicago, IL 60617
Waste Environmentally Hazardous Substances, Solid, N.O.S., (Lead, Trichloroethylene), 9, UN3077, PGIII	25 cubic yards	000915847FLE	Clean Harbors Services, Inc. 1180 South Stony Island Ave Chicago, IL 60617
Waste Environmentally Hazardous Substances, Solid, N.O.S., (Lead, Trichloroethylene), 9, UN3077, PGIII	25 cubic yards	000915865FLE	Clean Harbors Services, Inc. 1180 South Stony Island Ave Chicago, IL 60617
Crushed RCRA Empty Containers & Debris	30 yds	00010	Republic Waste Services, Inc Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Waste Environmentally Hazardous Substances, Solid, N.O.S., (Lead, Trichloroethylene), 9, UN3077, PGIII	25 cubic yards	000915823FLE	Clean Harbors Services Inc. 11800 South Stony Island Ave Chicago, IL 60617

www.epaosc.net/platingengineering

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Wednesday, October 31, 2007
From: Craig Thomas, OSC

To: Linda Nachowicz, U.S. EPA
David Chung, U.S. EPA
Michael Harris, U.S. EPA
Marie Stewart, WDNR

Subject: Clean-Up Complete
Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094
Longitude: -87.9897

POLREP No.:	7	**Site #:**	B5FU
Reporting Period:	10/15/07 - 10/31/07	**D.O. #:**	80
Start Date:	7/30/2007	**Response Authority:**	CERCLA
Mob Date:	7/30/2007	**Response Type:**	Time-Critical
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:	WIN000510186	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

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 continued Monday through Friday.

Off hours security remained on site and also provided weekend coverage through October 19th. Non-hazardous solid waste was loaded into a roll off box and 30 cubic yards (one box) was sent off site to Republic for disposal.

Continued loading scrap metal into roll off boxes. Continued separating, decontaminating and staging scrap metal on site, and sent two 30-cubic yard roll-off boxes of scrap metal off for reclamation.

100 cubic yards (4 boxes) of environmentally hazardous waste solids were sent to Clean Harbors in Chicago, IL.

Backfilled all of the pits in the building.

Asbestos abatement team from Veolia completed friable asbestos abatement on October 16th. Disposal of asbestos roll-off box occured on October 18th. However, inspection by WDNR on October 24th found that the asbestos abatement was incomplete. Additional asbestos abatment was conducted on October 30th to complete this task.

Completed removal of contaminated soils along the south side of the building down to a maximum depth of two feet, except in the area of the blower, where the excavation continued to approximately 4 feet. Backfilled the soil excavations with clean fill & gravel.

Finished scrap reclamation. Disposed of remaining flammable liquids and aerosols. Disposed of remaining sodium dithionite, cyanide solutions, cyanide solids and basic liquids. Disposed of mercury wastes discovered in building. Decontaminated floors and walls.

Secured building. Demobilized from site.

Planned Removal Actions
None.

Next Steps
WDNR will follow up with soil and groundwater sampling.

Key Issues
None

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Waste Environmentally Hazardous Substances, Solid, N.O.S. (Lead, Trichloroethylene), 9, UN3077, PG III	25 cubic yards	001836493 FLE	Clean Harbors Services, Inc 1180 South Stony Island Ave Chicago, IL 60617
Waste Environmentally Hazardous Substances, Solid, N.O.S. (Lead, Trichloroethylene), 9, UN3077, PG III	25 cubic yards	001836494 FLE	Clean Harbors Services, Inc 1180 South Stony Island Ave Chicago, IL 60617
Low Level Chrome and Lead Contaminated Soil	20 tons	42077	Republic Waste Services, Inc,

			Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42078	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42079	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42080	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42081	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42082	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42083	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42084	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42085	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 Tons	42086	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42089	Republic Waste Services, Inc,

			Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42090	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42091	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42092	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42093	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42096	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	42094	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38134	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38135	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38136	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38133	Republic Waste Services, Inc,

			Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38137	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38138	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38139	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38140	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38141	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38142	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Low Level Chrome and Lead Contaminated Soil	20 tons	38143	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Asbestos Containing Material	30 cubic yards	1578	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
Asbestos Containing Material	approximately 5 cubic yards	1579	Republic Waste Services, Inc, Kestrel Hawk 1989 Oakes Road Racine, WI 53406
RQ Hazardous Waste, Liquid, N.O.S. (Sodium Hydroxide), 8, NA3082, PGIII	385 gallons	002890606 JJK	EQ Detroit, Inc. 1923 Frederick

28 x 20 = 560 T

			Detroit, Mi 48211
Waste Corrosive Solids, Basic, Inorganic, N.O.S. (Sodium Hydroxide), 8, UN3262, PGII	1000 lbs	002890606 JJK	EQ Detroit, Inc. 1923 Frederick Detroit, Mi 48211
Cyanides, inorganic, solid, n.o.s., 6.1, UN1688, PGII	1200 lbs	002890606 JJK	EQ Detroit, Inc. 1923 Frederick Detroit, Mi 48211
RQ, Waste Cyanide Solutions, N.O.S. (Lead, Selenium), 6.1., UN2810, PGIII	385 gallons	002890606 JJK	EQ Detroit, Inc. 1923 Frederick Detroit, Mi 48211
Waste, Sodium Dithionite, 4.2, UN1384, PGII	400 lbs	002890623 JJK	Von Roll America 1250 St. George Street East Liverpool, OH 43920
RQ, Waste, Mercury, 8, UN2809, PGIII	10 lbs.	002890609 JJK	Michigan Disposal Waste Treatment Plant 49350 N I-94 Service Drive Belleville, MI 48111
Universal Waste: Fluorescent Lamps, Not DOT Regulated	50 lbs	002890610 JJK	EQ Detroit, Inc. 1923 Frederick Detroit, MI 48211
Universal Waste: Fluorescent Lamps, Not DOT Regulated, UN	50 lbs	002890610 JJK	EQ Detroit, Inc. 1923 Frederick Detroit, MI 48211
Universal Waste: Mercury Vapor Lamps, Not DOT Regulated, UN	50 lbs	002890610 JJK	EQ Detroit, Inc. 1923 Frederick Detroit, MI 48211
RQ, Waste Flammable Liquid, N.O.S., (Trichlorethane, Lead), 3, UN 1993, PG II	385 Gallons	002890621 JJK	EQ Detroit, Inc. 1923 Frederick Detroit, MI 48211
RQ, Waste Aerosols, Flammable, 2.1, UN 1950	20 lbs.	002890621 JJK	EQ Detroit, Inc. 1923 Frederick Detroit, MI 48211

www.epaosc.net/platingengineering

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Monday, December 17, 2007
From: Craig Thomas, OSC

To: Linda Nachowicz, U.S. EPA
David Chung, U.S. EPA
Michael Harris, U.S. EPA
Marie Stewart, WDNR

Subject: Final POLREP
Plating Engineering Facility
1928 S. 62nd Street, West Allis, WI
Latitude: 43.0094
Longitude: -87.9897

POLREP No.:	8	**Site #:**	B5FU
Reporting Period:	10/31/07 - 11/14/07	**D.O. #:**	80
Start Date:	7/30/2007	**Response Authority:**	CERCLA
Mob Date:	7/30/2007	**Response Type:**	Time-Critical
Completion Date:	10/30/2007	**NPL Status:**	Non NPL
CERCLIS ID #:	WIN000510186	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

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

Contacted Wisconsin DNR to ensure that the additional friable asbestos abatement was sufficient.

Provided the City of West Allis with a letter noting non-friable asbestos which should be documented for demolition.

Planned Removal Actions
None.

Next Steps
WDNR and the City of West Allis are seeking additional funding to address potential soil and groundwater contamination at the site.

Key Issues
None

www.epaosc.net/platingengineering