

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Tuesday, May 5, 2009

From: James Augustyn, OSC

Subject: FINAL POLREP Removal Action

DLH Plating Site

2801 Grand Avenue, Cleveland, OH

Latitude: 41.4847000

Longitude: -81.6281000

POLREP No.:	10	Site #:	B5NQ
Reporting Period:	3/30/09-4/23/09	D.O. #:	31
Start Date:	11/11/2008	Response Authority:	CERCLA
Mob Date:	11/11/2008	Response Type:	Time-Critical
Demob Date:	4/3/2009	NPL Status:	Non NPL
Completion Date:	4/23/2009	Incident Category:	Removal Action
CERCLIS ID #:	OHN 000510286	Contract #	68-S5-03-01
RCRIS ID #:			

Site Description

See PROLREP #1 for Site description.

Current Activities

On March 30, ERRS solidified cyanide sludge in cubic yard boxes and pressure washed equipment in preparation for demobilization. OBO Construction began mobilizing equipment to the Site in preparation for partial building demolition. Lab Packs, Inc. mobilized to the Site to lab pack all laboratory chemicals and incompatible small containers. Forty-one (41) 55-gallon drums containing various hazardous wastes were removed from the Site and transported to Environmental Enterprises, Inc. for disposal. Eighteen (18) lab packs containing various hazardous wastes were removed from the Site and transported to Environmental Enterprises, Inc. for disposal. Two (2) lab bottles containing Thorium Nitrate, which is a radioactive compound, were removed from the Site and transported to Applies Health Physics, Inc. for disposal. A forty (40) cubic yard roll-off box of RCRA empty containers and debris was transported to American Landfill for disposal.

On March 31, ERRS removed the plywood from the exterior wall along Evarts Street. ERRS began filling floor drains in the building with concrete and decontaminating the interior and exterior walls along Evarts Street with a chlorine bleach solution. OBO Construction installed wood braces on an overhead beam in Room D in preparation for demolition activities. START contacted the East Ohio Dominion Gas Company to request the shutoff of a leaking high pressure natural gas line entering the Site. The gas company mobilized to the Site and closed a valve at the meter station. START requested the shutoff of the natural gas line from a point between the main line and the meter station. The gas company could not locate the shutoff valve at this point and directed START and ERRS to request an order to excavate and cap the line.

On April 1, ERRS continued solidifying cyanide sludge in cubic yard boxes and filling floor drains in the building with concrete. ERRS removed the sleeves from the filter press plates, which were a component of the wastewater treatment system, and placed the sleeves into a roll-off box for disposal. START contacted the East Ohio Dominion Gas Company to request the shutoff of a leaking high pressure natural gas line entering the Site. The gas company mobilized to the Site and located and closed a valve between the main line and the meter station. The gas company also called in an order to excavate and cap the line at the street. OBO Construction completed mobilizing equipment to the Site in preparation for partial demolition activities. Ohio EPA was on Site to perform a Site walk through with USEPA. Twenty (20) float switches containing mercury were picked up by the Ohio EPA for recycling. Forty-six (46) cubic yard boxes containing high-concentration cyanide sludge were removed from the Site and transported to Enviroite of Ohio, Inc. for disposal.

On April 2, ERRS completed pressure washing of the floors in Rooms I, J, K, and the Hallway. ERRS cut up tank T115 and placed it into a roll-off box for disposal. ERRS began demobilizing equipment from the Site. OBO Construction began demolition of the frontage portion of the building along Evarts Street.

On April 3, ERRS completed demobilizing all equipment from the Site. Electrical service to the Site trailers was terminated and the trailers were demobilized. OBO Construction continued demolition activities including sorting through the demolition debris in preparation for removal and off-site disposal.

From April 6-17, 2009, OBO continued demolition of the frontage portion of the building. On April 6, the water main inside the building ruptured during demolition activities. ERRS contacted the City of Cleveland to inform them of the rupture and request the shutoff of the water main at the street. The Water Department mobilized to the Site to shutoff the water main. On April 10, OBO completed demolition of the frontage portion of the building along Evarts Street. Forty (40) cubic yards of RCRA empty containers and debris were removed from the Site in a roll-off box and transported to American Landfill for disposal.

On April 10, OBO began transporting demolition debris to American Landfill for disposal. Approximately 650 tons of demolition debris was transported to American Landfill from April 10-17, 2009.

On April 17, American Fence erected a security fence along Evarts Street to secure the property from trespass.

On April 18, East Ohio Dominion Gas Company mobilized to the Site to excavate and cap the high pressure natural gas line at the street. In the process, the gas company damaged the security fence that was installed along Evarts Street.

On April 22, American Fence repaired the damaged security fence along Evarts Street and erected fencing at the openings of the doors to Rooms M and B to secure the building.

On April 23, START and ERRS performed a final Site walk through. Overnight unauthorized access to the Site and additional damage to the security fence occurred. ERRS and START repaired the security fence with metal wire. A nearby resident informed START that unauthorized access onto the Site had occurred on a daily basis since the security fence was initially installed on April 17.

Activities performed by START from March 30 to April 23, included: written and photographic documentation of Site activities and conditions and performing air monitoring.

Planned Removal Actions

No further Removal Actions are anticipated for this Site.

Next Steps

START and ERRS will complete final Site closure reporting.

Key Issues

The process for filing a CERCLA lien on the property has been initiated.

Disposition of Wastes

Total to Date:

Bulk Liquids

80,540 gallons of Hazardous Waste Liquids N.O.S. D006, D007 (Chromium, Cadmium) have been transported to Vickery for disposal.

23,750 gallons of Hazardous Waste Liquids D006, D007, F006 (Chromium, Cadmium, Cyanide) have been transported to Vickery for disposal.

20,850 gallons of Waste Chromic Acid Solution D002, D004, D006, D007 have been transported to Vickery for disposal.

18,526 gallons of Waste Corrosive Liquid, Basic, Inorganic N.O.S. have been transported to Vickery for disposal.

Bulk Solids

375 cubic yards of Hazardous Waste Solid D006, D007, F006, F007 (Chromium, Cadmium) have been transported to Envirote of Ohio, Inc. for disposal.

68 cubic yards of Hazardous Waste Solid D003, D006, F006, F007 (Chromium, Cadmium) have been transported to Enviro of Ohio, Inc. for sampling, laboratory analysis and disposal.

560 cubic yards of RCRA empty containers and debris have been transported to American Landfill for disposal.

648.49 tons of demolition debris have been transported to American Landfill for disposal.

Drums

50 gallons of Hazardous Waste Liquids (Cyanides, Chromium) have been transported to Environmental Enterprises, Inc. for disposal.

400 pounds of Hazardous Waste Solids (Metal Hydroxide) have been transported to Environmental Enterprises, Inc. for disposal.

3,500 pounds of Hazardous Waste Liquids (Sodium Hydroxide) have been transported to Environmental Enterprises, Inc. for disposal.

750 gallons of Hazardous Waste Liquids (Chromic Acid, Sulfuric Acid) have been transported to Environmental Enterprises, Inc. for disposal.

400 gallons of Hazardous Waste Liquids (Cyanides, Chromium) have been transported to Environmental Enterprises, Inc. for disposal.

2,500 pounds of Hazardous Waste Liquids (Sodium Hydroxide) have been transported to Environmental Enterprises, Inc. for disposal.

200 gallons of Non-Regulated Material

Lab Packs

700 pounds of RQ Waste Paint Related Material have been transported to Environmental Enterprises, Inc. for disposal.

300 pounds of RQ Waste Corrosive Liquid, Acid, Inorganic (Sulfuric Acid) have been transported to Environmental Enterprises, Inc. for disposal.

100 pounds of RQ Waste Corrosive Liquid, Basic, Inorganic (Barium Hydroxide) have been transported to Environmental Enterprises, Inc. for disposal.

75 pounds of RQ Waste Flammable Liquids have been transported to Environmental Enterprises, Inc. for disposal.

400 pounds of RQ Waste Toxic Solids, Inorganic (Cadmium) have been transported to Environmental Enterprises, Inc. for disposal.

10 pounds of Waste Oxidizing Solids (Sodium Nitrite) have been transported to Environmental Enterprises, Inc. for disposal.

one (1) pound of RQ Waste Arsenic Trioxide has been transported to Environmental Enterprises, Inc. for disposal.

five (5) pounds of Waste Toxic Solids, Organic have been transported to Environmental Enterprises, Inc. for disposal.

two (2) pounds of RQ Waste Sodium Sulfide have been transported to Environmental Enterprises, Inc. for disposal.

one (1) pound of RQ Waste Mercuric Nitrate has been transported to Environmental Enterprises, Inc. for disposal.

100 pounds of Waste Stannic Chloride have been transported to Environmental Enterprises, Inc. for disposal.

300 pounds of Waste Ammonium Hydrogen Difluoride have been transported to Environmental Enterprises, Inc. for disposal.

50 pounds of Non-Regulated Material have been transported to Environmental Enterprises, Inc. for disposal.

200 pounds of Waste Toxic Solids, Inorganic (Copper Sulfate) have been transported to Environmental Enterprises, Inc. for disposal.

300 pounds of Waste Corrosive Solids, Basic, Inorganic (Sodium Metabisulfate) have been transported to Environmental Enterprises, Inc. for disposal.

400 pounds of RQ Waste Flammable Liquids (Isopropyl Alcohol) have been transported to Environmental Enterprises, Inc. for disposal.

one (1) pound of radioactive solids (Thorium Nitrate) has been transported to Environmental Enterprises, Inc. for disposal.

Demolition debris

Approximately 650 tons of demolition debris was transported to American Landfill

Miscellaneous

24 mercury containing items transported to Bowling Green State University for recycling.

See Previous POLREPs for Waste Disposition listings prior to March 30, 2009.

Waste Stream	Quantity	Manifest #	Disposal Facility
Hazardous Waste Solid D003, D006, F006, F007 (Chromium, Cadmium)	22 cubic yards	001596001	Envirite of Ohio, Inc.
Hazardous Waste Solid D003, D006, F006, F007 (Chromium, Cadmium)	24 cubic yards	001596004	Envirite of Ohio, Inc.
RCRA empty containers and debris	80 cubic yards	NA	American Landfill
RQ Waste Flammable Liquids (Isopropyl Alcohol)	400 pounds	005215246	Environmental Enterprises, inc.
Radioactive Solids (Thorium Nitrate)	1 pound	NA	Applied Health Physics, Inc.
Hazardous Waste Liquids (Cyanides, Chromium)	50 gallons	005215243	Environmental Enterprises, Inc.
Hazardous Waste Solids (Metal Hydroxide)	400 pounds	005215243	Environmental Enterprises, Inc.
Hazardous Waste Liquids (Sodium Hydroxide)	3,500 pounds	005215243	Environmental Enterprises, Inc.
Hazardous Waste Liquids (Chromic Acid, Sulfuric Acid)	750 gallons	005215243	Environmental Enterprises, Inc.
Hazardous Waste Liquids (Cyanides, Chromium)	400 gallons	005215243	Environmental Enterprises, Inc.
Hazardous Waste Liquids (Sodium Hydroxide)	2,500 pounds	005215243	Environmental Enterprises, Inc.
Non-Regulated Material	200 gallons	005215243	Environmental Enterprises, Inc.
RQ Waste Paint Related Material	700 pounds	000124678	Environmental Enterprises, Inc.
RQ Waste Corrosive Liquid, Acid, Inorganic (Sulfuric Acid)	300 pounds	000124678	Environmental Enterprises, Inc.
RQ Waste Corrosive Liquid, Basic, Inorganic (Barium Hydroxide)	100 pounds	000124678	Environmental Enterprises, Inc.
RQ Waste Flammable Liquids	75 pounds	000124678	Environmental

			Enterprises, Inc.
RQ Waste Toxic Solids, Inorganic (Cadmium)	400 pounds	000124678	Environmental Enterprises, Inc.
Waste Oxidizing Solids (Sodium Nitrite)	10 pounds	000124678	Environmental Enterprises, Inc.
RQ Waste Arsenic Trioxide	1 pound	000124678	Environmental Enterprises, Inc.
Waste Toxic Solids, Organic	5 pounds	000124678	Environmental Enterprises, Inc.
RQ Waste Sodium Sulfide	2 pounds	000124678	Environmental Enterprises, Inc.
RQ Waste Meacuaic Nitrate	1 pound	000124678	Environmental Enterprises, Inc.
Waste Stannic Chloride	100 pounds	000124678	Environmental Enterprises, Inc.
Waste Ammonium Hydrogen Difluoride	300 pounds	000124678	Environmental Enterprises, Inc.
Non-Regulated Material	50 pounds	000124678	Environmental Enterprises, Inc.
Waste Toxic Solids, Inorganic (Copper Sulfate)	200 pounds	000124678	Environmental Enterprises, Inc.
Waste Corrosive Solids, Basic, Inorganic (Sodium Metabisulfate)	300 pounds	000124678	Environmental Enterprises, Inc.
Mercury Float Switches	20 items	NA	Bowling Green University
Demolition and Construction debris	560 tons	NA	American Landfill

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