

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Hard Chrome Plating Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #9
Progress
Hard Chrome Plating Site
C57Z
Grand Rapids, MI
Latitude: 42.9356380 Longitude: -85.6435440

To: Mark Johnson, ATSDR
Dan Wyant, MDEQ
Bill Schuette, Michigan Department of Attorney General
Rodney Stokes, Michigan DNR
Todd Goeks, NOAA
Greg Schweitzer, NOAA
Wayne Babcock, U.S. Department of Interior
Robert Burr, U.S. Department of Interior
Valencia Darby, U.S. DOI
Carolyn Bohlen, U.S. EPA
Sam Borries, U.S. EPA
Yolanda Bouchee-Cureton, U.S. EPA
Mindy Clements, U.S. EPA
Mark Durno, U.S. EPA
Jason El-Zein, U.S. EPA
HQ EOC, U.S. EPA
Charlie Gebien, U.S. EPA
John Glover, U.S. EPA
Matt Mankowski, U.S. EPA
Cecilia Moore, U.S. EPA
Mike Ribordy, U.S. EPA
Carol Ropski, U.S. EPA
Brian Schlieger, U.S. EPA
Annette Trowbridge, U.S. Fish & Wildlife
Laura Knapp, Grand Rapids Fire Dept.
David Allen, Kent County Land Bank

From: Elizabeth Nightingale, OSC; Steve Faryan, OSC and Kim Churchill, OSC

Date: 2/17/2016

Reporting Period: 2/8/16-2/17/16

1. Introduction

1.1 Background

| | | | |
|----------------------------|--------------|--------------------------------|----------------|
| Site Number: | C57Z | Contract Number: | |
| D.O. Number: | | Action Memo Date: | 10/5/2015 |
| Response Authority: | CERCLA | Response Type: | Time-Critical |
| Response Lead: | EPA | Incident Category: | Removal Action |
| NPL Status: | Non NPL | Operable Unit: | |
| Mobilization Date: | 11/30/2015 | Start Date: | 11/30/2015 |
| Demob Date: | | Completion Date: | |
| CERCLIS ID: | MIN000505853 | RCRIS ID: | |
| ERNS No.: | | State Notification: | |
| FPN#: | | Reimbursable Account #: | |

1.1.1 Incident Category

Time Critical Removal Action

1.1.2 Site Description

The site is a former chemical plating facility, currently owned by the Kent County Land Bank. When the property tax reverted, historically accumulated plating wastes were abandoned in the building, and discovered by the Land Bank.

1.1.2.1 Location

The site is located at 1516 Blaine Avenue SE, Grand Rapids, Kent County, Michigan 49507. The site totals approximately 1/4 acre, and contains a one story industrial building and an open lot. The site was recently occupied by the Hard Chrome Plating and HCP Finishing LLC companies, and tax reverted to the Kent County Land Bank in 2014.

1.1.2.2 Description of Threat

See POLREP 1.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREP 1.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

2.1.2.1 Actions During Reporting Period

Over the reporting period, work focused primarily on the following activities:

- Continuing to implement air monitoring program
- Continuing to clear debris from within the building and decontaminate building floors. Sweepings are consolidated in cubic yard boxes for disposal
- Continuing to dismantle vats. To date, all 14 vats have been evacuated. Both the nickel and chrome plating lines have now been fully dismantled. All vats were cleaned out. All vats except 1 have been shipped off site for disposal or recycling.
- Removed and disposed of remaining infrastructure associated with the vats
- Completion of removal and disposal of the air filtration system
- Completion of over-packing drums
- Completion of final inventory of drums and containers
- Along with the City of Grand Rapids, evaluated the indoor subsurface piping infrastructure to ensure that piping discharges to sanitary sewer. There is a trap door in a lab in the building that contained a discharge pipe. We did verify that that pipe is connected to the network that discharges to the sanitary sewer.
- Secured the site for temporary shutdown pending disposal.

All waste materials on site have been containerized and secured.

2.1.2.2 Air Monitoring

Every day that cleanup activity work will be ongoing, air monitoring will be conducted to ensure public and worker safety. Please see the air monitoring plan and POLREP 2 for details.

A website has been established to view the current and past air monitoring data for the site. To view the data go to the web address: viper.ert.org. You have to create a login on your first visit to the site. Once logged in, go to the R05 Hard Chrome Metals Deployment to view site data.

Particulate Air Monitoring:

Over the reporting period, no exceedances of the perimeter or work zone action levels (calculated as work day averages) for particulates were detected.

MultiGas Air Monitoring:

Over the reporting period, no exceedances of the perimeter or work zone action levels were verified.

Hydrochloric Acid Monitoring

Over the reporting period, no exceedances of the perimeter or work zone action levels were detected.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

General notice letters were issued to former owners of the property. Investigation is ongoing.

2.1.4 Progress Metrics

| <i>Waste Stream</i> | <i>Medium</i> | <i>Quantity</i> | <i>Manifest #</i> | <i>Treatment</i> | <i>Disposal</i> |
|---------------------|----------------------|-----------------|-------------------|------------------|-----------------|
| Solid | Non-Hazardous Debris | 8 Tons | n/a | | x |
| Solid | Mixed Recyclables | 10 bags | | | x (recycling) |

| | | | | | |
|-------|----------------------|----------------|-----|--|---------------|
| Solid | Non-Hazardous Debris | 60 cubic yards | n/a | | x |
| Solid | Non-Hazardous Debris | 8 Tons | n/a | | x |
| Solid | Non-Hazardous Debris | 5.7 tons | | | x (recycling) |

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

See POLREP 1.

2.2.1.2 Next Steps

All waste materials on site have been containerized and secured. Over the next few weeks, we will evaluate waste stream analysis results and work to arrange disposal. As soon as disposal is arranged we will return to the site and properly dispose of the waste that is staged for disposal; complete final decontamination of the site; and demobilize.

- Security will be on site 24 hours a day 7 days a week during the time we are off-site arranging disposal.

2.2.2 Issues

2.3 Logistics Section

ERRS is managing site logistics.

2.4 Finance Section

2.4.1 Narrative

ERRS costs are estimated through February 12, 2016. START costs are estimated through February 7, 2016. USCG AST costs are estimated through February 12th, 2016.

Estimated Costs *

| | Budgeted | Total To Date | Remaining | % Remaining |
|---------------------------|--------------|---------------|-------------|-------------|
| Extramural Costs | | | | |
| ERRS - Cleanup Contractor | \$450,000.00 | \$392,751.00 | \$57,249.00 | 12.72% |
| USCG | \$31,500.00 | \$23,614.55 | \$7,885.45 | 25.03% |
| TAT/START | \$80,000.00 | \$63,152.10 | \$16,847.90 | 21.06% |
| Intramural Costs | | | | |
| | | | | |
| Total Site Costs | \$561,500.00 | \$479,517.65 | \$81,982.35 | 14.60% |

* 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.

2.5 Other Command Staff

2.5.1 Safety Officer

OSC is serving in this role.

2.5.2 Liaison Officer

OSC is serving in this role.

2.5.3 Information Officer

OSC is serving in this role.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

Kent County Land Bank

MDEQ

4. Personnel On Site

2/8/16-2/9/16

EPA: 1
START: 1
ERRS: 6
USCG AST: 2

2/10/16

EPA: 2
START: 1
ERRS: 6
USCG AST: 2

2/11/16-2/12/16

EPA: 1
START: 1
ERRS: 6
USCG AST: 2

2/16/16

EPA: 1
START: 1
City of Grand Rapids: 3

2/17/16

EPA: 1
START: 1

5. Definition of Terms

| | |
|-------------------|--|
| ATSDR | Agency for Toxic Substances and Disease Registry |
| BZ | Breathing Zone |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CERCLIS | Comprehensive Environmental Response, Compensation, and Liability Information System |
| DNR | Department of Natural Resources |
| EPA | Environmental Protection Agency |
| ERNS | Emergency Response Notification System |
| ERRS | Emergency and Rapid Response Service |
| MDEQ | Michigan Department of Environmental Quality |
| NCP | National Oil and Hazardous Substance Pollution Contingency Plan |
| mg/m ³ | milligrams per cubic meter |
| NOAA | National Oceanic and Atmospheric Administration |
| NPL | National Priorities List |
| NRC | National Response Center |
| OSC | On Scene Coordinator |
| PPE | Personal Protective Equipment |
| PPM | Parts per million |
| RCRIS | Resource Conservation and Recovery Act Information System |
| RP | Responsible Party |
| RRT | Regional Response Team |
| START | Superfund Technical Assessment and Response Team |
| ug/m ³ | micrograms per cubic meter |
| US FWS | United States Fish and Wildlife Service |
| USCG | United States Coast Guard Atlantic Strike Team |
| AST | |
| VOC | Volatile Organic Compound |

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaosc.net/hardchromeplating

and

vip.er.t.org. Once logged in, go to the R05 Hard Chrome deployment to view site data.

6.2 Reporting Schedule

The next POLREP will be issued when we remobilize to the site for disposal and building decontamination.

7. Situational Reference Materials

No information available at this time.

POLREP #9 Last Updated 2/17/2016