

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Michner Plating - Mechanic Street Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #12  
Michner Plating - Mechanic Street Site  
C57C  
Jackson, MI  
Latitude: 42.2541975 Longitude: -84.4060903

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**From:** Jeffrey Kimble, OSC  
**Date:** 2/29/2016  
**Reporting Period:**

**1. Introduction**

**1.1 Background**

<b>Site Number:</b> C57C	<b>Contract Number:</b>
<b>D.O. Number:</b>	<b>Action Memo Date:</b> 7/2/2015
<b>Response Authority:</b> CERCLA	<b>Response Type:</b> Time-Critical
<b>Response Lead:</b> EPA	<b>Incident Category:</b> Removal Action
<b>NPL Status:</b> Non NPL	<b>Operable Unit:</b>
<b>Mobilization Date:</b> 8/24/2015	<b>Start Date:</b> 8/24/2015
<b>Demob Date:</b>	<b>Completion Date:</b>
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b>
<b>FPN#:</b>	<b>Reimbursable Account #:</b>

**1.1.1 Incident Category**

Time-Critical Removal Action.

**1.1.2 Site Description**

Michner Plating Mechanic Street (Site) is a former plating shop which operated from the 1930s until 2007. Michner Plating also operated a separate facility on Angling Road in Jackson, Michigan, until May 2015. The Site contains approximately 1,100 drums, vats, totes, and other containers. Labels and sample analytical results indicate the potential presence of cyanide, zinc cyanide, nickel chloride, chromic acid, hydrogen peroxide, sulfuric acid, ignitable wastes, reactive wastes (including water reactive chemicals), and other chemicals.

**1.1.2.1 Location**

The Site is located at 520 North Mechanic Street in Jackson, Jackson County, Michigan, in a mixed commercial and residential area and is bound to the north by a commercial property, to the east by North Mechanic Street with residential dwellings and commercial properties beyond, to the south by East Trail Street with commercial properties beyond, and to the west by a railroad and the Grand River. The Site sits on roughly 4 acres, and contains four buildings totaling approximately 137,000 square feet.

**1.1.2.2 Description of Threat**

The Site contains approximately 1,100 drums, vats, totes, and other containers. Labels and sample analytical results indicate the potential presence of cyanide, zinc cyanide, nickel chloride, chromic acid, hydrogen peroxide, sulfuric acid, ignitable wastes, reactive wastes (including water reactive chemicals), and other chemicals.

**1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**

EPA previously conducted an assessment and determined a Time-Critical Action was warranted. See Sitrep 1 for additional information.

**2. Current Activities**

**2.1 Operations Section**

**2.1.1 Narrative**

EPA began a Time-Critical action consisting of the removal of over 1,100 containers of hazardous waste on August 24, 2015.

**2.1.2 Response Actions to Date**

ERRS re-mobilized a skeleton crew to the site on 02/15/2016 to begin site setup and receive equipment deliveries, including a skidsteer, mini-excavator, light plants, generators, and a roll-off dumpster.

02/22/2016 – ERRS mobilized additional crew members to site. EPA, 2 USCG personnel, and one START member mobilized to the site. The crew continued site setup, including uncovering boarded up doors and unlocking the site buildings. The chemist generated a list of 59 containers with neutral solids and sludge, and the crew began waste bulking the materials in a roll-off dumpster.

02/23/2016 – The crew continued waste bulking the neutral solids in the roll-off dumpster. The chemist also generated a list of 23 containers with hazardous neutral solids, and the crew began staging the containers in the northern portion of the building. The materials will be waste bulked in a separate roll-off dumpster next week. 24 hour security was re-established at the site during non-working hours due to repeated trespass at the site.

02/24/2016 – The crew continued waste bulking the non-hazardous neutral solids in the roll-off dumpster. The chemist also generated a list of 6 containers with slightly water reactive solids and sludge. The crew transferred each material to a separate 55-gallon drum and stabilized the waste.

02/25/2016 – The chemist added 5 containers with non-hazardous neutral solids to the previous list, and the crew completed waste bulking the materials in the roll-off dumpster. The crew also mixed neutral sludge and liquids in an empty vat, and added inert solids to dry the mixture. After the material was dry, the crew blended the material into the roll-off dumpster.

02/26/2016 – The crew swept and shoveled floor debris from the northern and central portions of the building and loaded the debris into cubic yard boxes. The roll-off dumpster containing non-hazardous neutral solids was removed from the site and transported for disposal at C&C Landfill located at 14800 North P Drive, Marshall Michigan.

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

Michner Plating Company is the potentially responsible party (PRP), however, the company relinquished ownership of the property to the Jackson County Treasurer's Office due to tax reversion and bankruptcy. The removal action is a Fund Lead as a result of the PRP's bankruptcy and inability to finance the cleanup.

**2.1.4 Progress Metrics**

Date	Waste stream	Medium	Quantity	units	Manifest Number	Treatment	Disposal
11/18/2015	RCRA empty containers & debris	Solid	20	cubic yards	015269770	NA	Michigan Disposal Waste Treatment
11/18/2015	RCRA empty containers & debris	Solid	20	cubic yards	015269771	NA	Michigan Disposal Waste Treatment
12/4/2015	RCRA empty containers & debris	Solid	20	cubic yards	015269767	NA	Michigan Disposal Waste Treatment
12/8/2015	RCRA empty containers & debris	Solid	20	cubic yards	015268769	NA	Michigan Disposal Waste Treatment
12/9/2015	RCRA empty containers & debris	Solid	20	cubic yards	015269768	NA	Michigan Disposal Waste Treatment
12/10/2015	Corrosive Liquid	Liquid	1045	gallons	014463806	NA	Michigan Disposal Waste Treatment
12/10/2015	Corrosive Liquid	Liquid	555	gallons	014463807	NA	EQ Detroit
12/10/2015	Corrosive Liquid	Liquid	18,105	gallons	014463808	NA	Michigan Disposal Waste Treatment
12/10/2015	Flammable Liquid	Liquid	2,340	gallons	014463810	NA	Petro-Chem Processing
12/10/2015	Flammable Liquid	Liquid	500	gallons	014463811	NA	Petro-Chem Processing
12/14/2015	Non-Hazardous Solids	Solid	33,000	gallons	014463819	NA	EQ Detroit
12/17/2015	RCRA empty containers & debris	Solid	20	cubic yards	015516432	NA	Michigan Disposal Waste Treatment
12/17/2015	Corrosive Liquid	Liquid	330	gallons	014463864	NA	EQ Detroit
12/17/2015	Non-Hazardous Alkaline Solids	Solid	31,000	pounds	014463864	NA	EQ Detroit

**2.2 Planning Section**

**2.2.1 Anticipated Activities**

Work has resumed. The crew will be working next on hazardous neutral solids and bulking mineral acids.

### **2.2.1.1 Planned Response Activities**

Investigate the potential for soil contamination on the property;

Consolidate and package all hazardous substances, pollutants and contaminants for transportation and off-site disposal;

Dismantle and decontaminate process equipment, tanks and building components associated with the product process area, as necessary;

Remove from site and recycle or dispose of vats and waste containers and contaminated process equipment;

Transport and dispose of all characterized or identified hazardous substances, pollutants, wastes, or contaminants that pose a substantial threat of release at a RCRA/CERCLA approved disposal facility in accordance with EPA's Off-Site Rule (40 CFR § 300.440);

Take any other response actions to address any release or threatened release of a hazardous substance, pollutant or contaminant that the EPA OSC determines may pose an imminent and substantial endangerment to the public health or the environment.

### **2.2.1.2 Next Steps**

Continue to perform the planned response actions until cleanup is complete.

### **2.2.2 Issues**

Additional budget is required to complete the Time-Critical Response Actions and has been requested and is within the Action Memorandum Ceiling. At this time, the OSC is awaiting allocation of the additional funds for the project.

## **2.3 Logistics Section**

Site logistics are being managed by ERRS.

Permanent power has been established.

## **2.4 Finance Section**

No information available at this time.

## **2.5 Other Command Staff**

No information available at this time.

## **3. Participating Entities**

### **3.1 Unified Command**

No Unified Command. This is a Time-Critical Response directed by EPA, not an ICS incident.

### **3.2 Cooperating Agencies**

Jackson County Treasurer's Office  
City of Jackson Water Department  
Michigan Department of Environmental Quality (MDEQ)

## **4. Personnel On Site**

EPA: 2  
USCG: 2  
START: 1  
ERRS: 8

## **5. Definition of Terms**

No information available at this time.

## **6. Additional sources of information**

No information available at this time.

## **7. Situational Reference Materials**

No information available at this time.