

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Paw Paw Plating - Removal Polrep  
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #1  
INITIAL POLREP  
Paw Paw Plating  
B5WV  
Paw Paw, MI  
Latitude: 42.2113869 Longitude: -85.8949757

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**From:** Tricia A. Edwards, OSC

**Date:** 2/4/2011

**Reporting Period:** 2/7/2011-2/9/2011

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B5WV	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<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>	2/7/2011	<b>Start Date:</b>	2/7/2011
<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

#### 1.1.2 Site Description

Paw Paw Plating started primarily as a custom electroplating operation in the 1950's and stopped operations in December 2009. The site is about 1.8 acres, is not fenced and contains an abandoned

building with chemicals and other hazardous materials. The site is located at 139 Commercial Ave., Paw Paw, Michigan. Cadmium, chromium, silver, gold, nickel, copper and cyanide were used in the electroplating process. The company also performed metal processing such as machining, polishing and painting which included the use of Trichlorethylene (TCE).

There are a variety of abandoned hazardous materials in the building including plating baths containing heavy metals, drums of plating feed stocks, drums of hazardous waste, and a number of different size containers with a wide variety of chemical compounds. Plating solutions include but are not limited to cyanide and chromium. The presence of containers, drums and vats without a secondary containment could result in contaminating soil and ground water.

Past investigation activities by the Michigan Department of Natural Resources and Environment indicated that contaminants were released into the storm sewer that discharges directly in to the Paw Paw River and also were discovered in a municipal water well that served the village of Paw Paw. Halogenated volatile organic compound (HVOCs) contamination, including TCE was identified in ground water.

**1.1.2.1 Location**

Paw Paw Plating located at 139 Commercial Avenue in Paw Paw, Van Buren County, Michigan 49079.

**1.1.2.2 Description of Threat**

Cyanides, Acids, Bases, Oxidizers, Toxics, Heavy Metals

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

**2. Current Activities**

**2.1 Operations Section**

**2.1.1 Narrative**

**2.1.2 Response Actions to Date**

ERRS mobilized office trailers and began site set up on Monday, February 7. U.S. EPA and START mobilized to the site on February 8.

The existing infrastructure within the building allowed for the electricians to power the building. The non-essential equipment within the building will be de-energized by the electricians while on site. The furnaces were not operable, so propane and heaters were delivered to the site.

The electrical inspector for the office buildings is to conduct final inspection the morning of February 9. Water connection should also be established as of February 9.

ERRS has established the decontamination line within the building, and has begun organizing the containers of waste on site. Once all drums and small containers have been segregated, the labeling and sampling of waste will commence. ERRS also intends on measuring the vats in the plating room to establish volumes of material for disposal.

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

Paw Paw Plating went out of the business when the owner died in December 2009. The estate for the deceased owner does not have the funds to conduct the clean up.

**2.1.4 Progress Metrics**

<i><b>Waste Stream</b></i>	<i><b>Medium</b></i>	<i><b>Quantity</b></i>	<i><b>Manifest #</b></i>	<i><b>Treatment</b></i>	<i><b>Disposal</b></i>

**2.2 Planning Section**

**2.2.1 Anticipated Activities**

Mobilization of Site Trailers  
 Hook up of electricity to the site trailers, as well as inside the building  
 Mobilization of U.S. EPA Air Trailer and HazCat Trailer

**2.2.1.1 Planned Response Activities**

**2.2.1.2 Next Steps**

**2.2.2 Issues**

**2.3 Logistics Section**

No information available at this time.

## 2.4 Finance Section

### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$250,000.00	\$0.00	\$250,000.00	100.00%
TAT/START	\$25,000.00	\$0.00	\$25,000.00	100.00%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	\$275,000.00	\$0.00	\$275,000.00	100.00%

\* 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

No information available at this time.

## 3. Participating Entities

No information available at this time.

## 4. Personnel On Site

U.S. EPA  
START - Weston Solutions  
ERRS - Environmental Restoration (ER)

## 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.