U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Bedford Anodizing - Removal Polrep

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**Region V**

**Subject:** **POLREP #2**
**Bedford Anodizing**
**C518**
**Macedonia, OH**
**Latitude: 41.2932640 Longitude: -81.5005240**

**To:** Kevin Clouse, Ohio EPA
Bart Ray, Ohio EPA
Scott Shane, Ohio EPA
Michael Chezik, US Department of Interior
John Glover, US EPA
Distribution List, National Response Center

**From:** Stephen Wolfe, On-Scene Coordinator
**Date:** 5/15/2011
**Reporting Period:** 5/09/2011 through 5/13/2011

## 1. Introduction

### 1.1 Background

| | | | |
|---|---|---|---|
| **Site Number:** | C518 | **Contract Number:** | |
| **D.O. Number:** | | **Action Memo Date:** | |
| **Response Authority:** | CERCLA | **Response Type:** | Emergency |
| **Response Lead:** | EPA | **Incident Category:** | Removal Action |
| **NPL Status:** | Non NPL | **Operable Unit:** | |
| **Mobilization Date:** | 4/15/2011 | **Start Date:** | 4/14/2011 |
| **Demob Date:** | | **Completion Date:** | |
| **CERCLIS ID:** | | **RCRIS ID:** | |
| **ERNS No.:** | | **State Notification:** | |
| **FPN#:** | | **Reimbursable Account #:** | |

#### 1.1.1 Incident Category

CERCLA incident category: Active Production Facility

#### 1.1.2 Site Description

See Polrep 1

##### 1.1.2.1 Location

The Bedford Anodizing Site is located at 7860 Empire Parkway, Macedonia, Summit County, Ohio. The geographical coordinates for the Site are 41° 17” 35’ North latitude and -81° 30” 1’ West longitude.

##### 1.1.2.2 Description of Threat

Aluminum Hydroxide (a component of the wastewater) was discharged into two creeks. The two creeks travel into wetlands and eventually merge, before emptying into the Brandywine creek, located less than 1 mile downstream. Aluminum Hydroxide forms a gel under pro-longed contact with water. Analytical results of the spilled material indicated that hazardous substances (heavy metals such as lead, nickel, chrmoium, and zinc) were present in the discharged material.

#### 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

In addition to the following activities, ERRS continued de-watering the creek the entire week.

On May 9, 2011 a solidification pit for the contaminated material and a staging area for the solidfied sediments was constructed. START collected a water sample from the creek in order to determine if the metals found in the contaminated material were being picked up by the flowing water.

On May 10, 2011, excavation from the north side of the creek was initiated. Approximately 150 feet of the creek was excavated. Approximately 100 tons of contaminated sediments were removed from the creek and solidified with corn cob. Due to the amount of corn cob necessary to properly solidify the material for transportation, ERRS will begin using kiln dust for future soldification purposes. Additional heavy equipment (long stick excavator and off-road dump truck) was mobilized to the site to begin work from the eastern side of the creek.

On May 11, 2011, ERRS completed all possible excavation from the north side of the creek. A total of approximately 150 tons of contaminated sediments have been removed from 175 feet of the affected creek, solidified and is staged for disposal.

On May 12, 2011, ERRS began installing a dam and culvert at the south end of the contaminated creek in order to drive equipment across and work from the east side of the creek. In addition a solidifcation pit and staging area was constructed on the south side of the property. Heavy rains caused an early site shut down. Analytical results for the water sample were received and the results were all non-detect for the RCRA 8 metals.

On May 13, 2011, ERRS completed installation of the dam and culvert and began prepping the east bank of the creek in order to begin work from that side (brush removal, smoothing a road, etc.).

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

Bedford Anodizing currently continues operations. The owner of Bedford Anodizing has been identified, although he has informed US EPA and Ohio EPA that performing the clean-up work would bankrupt the company.

#### 2.1.4 Progress Metrics

| *Waste Stream* | *Medium* | *Quantity* | *Manifest #* | *Treatment* | *Disposal* |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

### 2.2 Planning Section

#### 2.2.1 Anticipated Activities

Dewater work areas and excavate contaminated material from the creek bed
Construct a mixing pit to dry the excavated material in preperation of transportation and disposal
Upon receipt of an access agreement, begin clean-up action in the creek on the neighboring property
Restoration of work areas

#### 2.2.1.1 Planned Response Activities

#### 2.2.1.2 Next Steps

#### 2.2.2 Issues

Inclement weather (Heavy Rains) is delaying the response actions

### 2.3 Logistics Section

No information available at this time.

### 2.4 Finance Section

No information available at this time.

### 2.5 Other Command Staff

#### 2.5.1 Safety Officer

A site-specific HASP has been developed for the site. Daily H&S meetings are held prior to the start of each workday.

#### 2.6 Liaison Officer

### 2.7 Information Officer

#### 2.7.1 Public Information Officer

#### 2.7.2 Community Involvement Coordinator

## 3. Participating Entities

### 3.1 Unified Command

### 3.2 Cooperating Agencies

Ohio EPA is continuing with enforcement actions at the site and assisting US EPA as neccessary.

Summit County Environmental Services are assisting US EPA as neccessary.

## 4. Personnel On Site

US 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.