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

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

**Subject:** **POLREP #6**
**Final**
**Bedford Anodizing**
**C518**
**Macedonia, OH**
**Latitude: 41.2932640 Longitude: -81.5005240**

**To:** Kevin Clouse, Ohio EPA
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John Glover, US EPA
Distribution List, National Response Center

**From:** Stephen Wolfe, On-Scene Coordinator
**Date:** 7/18/2011
**Reporting Period:** June 13 through June 25, 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:** | 6/25/2011 | **Completion Date:** | 6/25/2011 |
| **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, chromium, 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**

From June 13 through June 25, ERRS removed contaminated sediments from the creek (600 linear feet) located on the neighboring property by using hand digging techniques. Aprroximately 3,000 gallons (20 tons) of material was removed from the creek. 8 loads of contaminated sediments were transported off site for disposal. ERRS completed final restoration in the work areas, including hydroseeding. START collected several samples from the neighboring property for laboratory analysis of target metals as well as XRF screening of 11 samples.

On June 13, 2011 ERRS continued restoration of the work area (grading and restoring natural flow of stream). In addition ERRS intiated removal of contaminated sediments from the creek on the neighboring property. Hand tools were used (rakes, hoes and shovels) to remove the material from the creek in order to do as little enviromental damage as possible to the wetlands. The material was placed in a plastic tote and then transferred to the stockpile for ultimate disposal. Approximately 350 linear feet of the creek was cleaned.

On June 14, 2011 ERRS continued restoration work and continued removal activities in the creek located on the adjacent property. Approximately 150 linear feet of the creek was cleaned.

On June 15, 2011 ERRS continued restoration activities and completed removal activities on the neighboring property. Approximately 100 feet of the creek was completed.

On June 16 and 17th, 2011 ERRS completed grading activites and restoring the stream to its natural flow pattern. Hydro seeding of the affected work area was arranged. In addition 8 loads (160 tons) of contaminated sediments were shipped off site for disposal.

On June 21, 2011 START returned to the site to collect samples from the creek on the neighboring property. Five samples were collected for laboratory analysis of the target metals as well as 11 samples were collected for XRF analysis for metals.

On June 24, 2011 the affected property was hydroseeded and ERRS completed final demobilization on June 25th, 2011.

**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* |
|---|---|---|---|---|---|
| **Non-Haz Sediment** | **Solid** | **358 tons** | **2874 through 2892** | **Landfill** | **American Landfill Waynesburg, Ohio** |
| **Non Haz Sediment** | **Solid** | **1200 tons** | **2893 through 2944** | **Landfill** | **American Landfill Waynesburg, Ohio** |
| **Non Haz Sediment** | **Solid** | **160 tons** | **2945 through 2952** | **Landfill** | **American Landfill Waynesburg, Ohio** |

**2.2 Planning Section**

**2.2.1 Anticipated Activities**

None. Work complete.

**2.2.1.1 Planned Response Activities**

**2.2.1.2 Next Steps**

**2.2.2 Issues**

None

**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.