

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #4
Bedford Anodizing
C518
Macedonia, OH
Latitude: 41.2932640 Longitude: -81.5005240

To: Kevin Clouse, Ohio EPA
Bart Ray, Ohio EPA
Scott Shane, Ohio EPA
Sherry Fielding, U.S. EPA
Mark Durno, U.S. EPA
Jason El-Zein, U.S. EPA
Michael Chezik, US Department of Interior
John Glover, US EPA
Linda Nachowicz, US EPA
Cheryl Allen, US EPA
Distribution List, National Response Center

From: Stephen Wolfe, On-Scene Coordinator

Date: 5/31/2011

Reporting Period: 05/23/11 through 5/30/11

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, 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

For the week of May 23, 2011 to May 30, 2011, ERRS completed excavation of approximately 250 feet of the creek behind the facility (for a total of approximately 750 feet completed).. Approximately 250 tons of contaminated sediments were solidified and is staged for disposal. Eighteen trucks (approximately 358 tons) of contaminated sediment was transported off site for disposal. In addition to the following activities, ERRS continued de-watering the creek the entire week.

On May 23, 2011 ERRS excavated approximately 250 feet of the creek behind the facility..

On May 24 and 25, 2011, ERRS constructed a dam and roadway that will be used to complete the excavation on the remainder of the creek behind the facility. An island splits the creek at that point and access to the island had to be created in order to excavate contaminated sediments from both sides of the island. ERRS decontaminated equipment that will no longer be used in preparation for demobilization.

On May 26, 2011, ERRS loaded 18 trucks for transportation and disposal of contaminated sediments. The excavated material was transported to the American Landfill, Waynesburg, Ohio for disposal. No excavation work occurred due to heavy rains and flooding of the creek. A constructed dam was breached in order to allow rain water to flow through the area. Forest City Land Development signed an access agreement in order for US EPA to begin work on their property. The sites Action Memorandum was signed and verbal authorization for an additional \$100,000 was given to the ERRS contractor.

On May 27, 2011, ERRS operated a water pump to control flooding. No additional work occurred today.

No work occurred on May 28 and 29, 2011 (weekend) or on Monday, May 30, 2011 (Holiday).

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

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Non-Haz Sediment	Solid	358 tons	2874 through 2892	Landfill	American Landfill Waynesburg, Ohio

2.2 Planning Section

2.2.1 Anticipated Activities

Dewater work areas and excavate contaminated material from the creek bed
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

Estimated Costs *

		Total To		%
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	Budgeted	Date	Remaining	Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$300,000.00	\$151,469.00	\$148,531.00	49.51%
TAT/START	\$25,000.00	\$20,000.00	\$5,000.00	20.00%
Intramural Costs				
USEPA - Direct	\$25,000.00	\$10,000.00	\$15,000.00	60.00%
Total Site Costs	\$350,000.00	\$181,469.00	\$168,531.00	48.15%

* 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

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 necessary.

Summit County Environmental Services are assisting US EPA as necessary.

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.