

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

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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. Approximately 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 initiated 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 environmental 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 activities 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

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$450,000.00	\$312,250.00	\$137,750.00	30.61%
TAT/START	\$50,000.00	\$39,000.00	\$11,000.00	22.00%
Intramural Costs				
USEPA - Direct	\$25,000.00	\$20,000.00	\$5,000.00	20.00%
Total Site Costs				
	\$525,000.00	\$371,250.00	\$153,750.00	29.29%

* 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.