

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Flex-A-Form Drum Site - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #17
Final
Flex-A-Form Drum Site
B4K2
Anderson, SC
Latitude: 34.5901430 Longitude: -82.6698200

To:
From: Benjamin Franco, On Scene Coordinator
Date: 9/19/2012
Reporting Period: April 9, 2012 - September 19, 2012

1. Introduction

1.1 Background

Site Number:	B4K2	Contract Number:	EP-S4-07-04
D.O. Number:	130	Action Memo Date:	6/30/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/22/2011	Start Date:	6/22/2011
Demob Date:	5/1/2012	Completion Date:	5/1/2012
CERCLIS ID:	SCD987673458	RCRIS ID:	
ERNS No.:		State Notification:	6/21/2011
FPN#:		Reimbursable Account #:	

For background information including Site Description, Location, and Description of Threat please refer to previous POLREPs.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA has transitioned from the Emergency Response Phase of the project into the Time-Critical Removal Phase. However, the dangers at the Site continue to pose an immediate threat to human health and the environment. The current focus at the Site is to mitigate the immediate threats of release from the Site to off-site migration pathways. EPA's estimated time to complete the removal is approximately April 30, 2012.

2.1.2 Response Actions to Date

To date the following response activities were completed during this reporting period:

ERRS finished transporting the remaining contaminated soil (stockpile #23T and 24) to an approved landfill.

ERRS then started and completed the following site restoration activities.

- Graded the property to slow down water runoff,
- installed erosion mats on the southern slope of the property and the banks of the creek,
- planted tree saplings and wetland plants
- spread topsoil, and hydro-seeded the area.

ERRS took some of the clean concrete from the site and used it for erosion control. The concrete came from under a portion of a building that contained an office and had no chemical contamination and no contamination was found under that section of the building.

ERRS started demobilizing equipment the week of April 23 and final demobilization of personnel on May 1, 2012.

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Treatment	Disposal
Non-Hazardous, Arsenic and Cadmium Contaminated Soil (Total soil)	Soil	10,140 tons	None	Upstate Regional MSW Subtitle D Landfill
Hazardous, Cadmium Contaminated Soil Treated On-Site	Soil	3,344 tons	Free Flow 300/200	Treated on Site
Magnesium Oxide	Bulk	4 tons	None	Upstate Regional MSW Subtitle D Landfill
Scrap Metal	Scrap Metal	30.97 tons	Cleaned	Belton Metals Recycling
Empty Drums	Metal	3.4 tons	Cleaned	Upstate Regional MSM Subtitle D Landfill
Non-friable Asbestos	Vinyl Floor Tiles with Mastic	1 cubic yd	None	Enterprise C&D Landfill (TSCA)
Cement Pad	Cement	401 tons		Upstate Regional MSM Subtitle D Landfill
4ft and 8ft Fluorescent Bulbs		384 bulbs		EQ Detroit
Acid Waste Totes	Liquid	4069 lbs	None	EQ Detroit
Acid Drums	Liquid	291 gallons		EQ Detroit
Acid Solid	Bags	200 lbs		EQ Detroit
Cuastic Drums	Liquids	495 gallons		EQ Detroit
Caustic Drum	Solid	14 lbs		EQ Detroit
Oxidizer/Acid	Liquid	3750 lbs		EQ Detroit
Oxidizer/Acid	Liquid	275 gallons		EQ Detroit
Arsenic	Liquid	17,500 lbs		EQ Detroit
Oxidizer	Solid	555 lbs		EQ Detroit
Neutral Arsenic/Selenium	Solid	24,700 lbs		EQ Detroit
Flammable	Liquid	2,450 lbs		EQ Detroit
Flammable	Solid	1,150 lbs		EQ Detroit
Arsenic	Solid	2,400 lbs		EQ Detroit
Methanol	Liquid	920 lbs		EQ Detroit
Neutral	Liquid	1,800 lbs		EQ Detroit
Acid Drums	Solid	35 drums		EQ Detroit
Oxidizer/Acid Drum	Solid	550 lbs		EQ Detroit

2.2 Planning Section

2.2.1 Anticipated Activities

All site activities have been completed and the Site has been returned to its owner.

2.2.1.1 Planned Response Activities

None

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

No information available at this time.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

The following Agencies are Cooperating in the cleanup:

South Carolina Department of Health and Environmental Control
Anderson County Fire Department
Anderson County Sheriff's Office
Anderson County Emergency Services Department
United States Army Corps of Engineers

4. Personnel On Site

Maximum on-site personnel for reporting period:

USEPA OSC - 1
ERRS (ER) - 4
START (OTIE) - 1
DHEC - 0
US Army Corps of Engineers - 1

5. Definition of Terms

ACM - Asbestos Containing Material
EPA - Environmental Protection Agency
EPM - Enforcement Project Manager
ERRB - Emergency Response and Removal Branch
ERRS - Emergency and Rapid Response Services
ERT - Environmental Response Team
MCL - Maximum Contaminant Level
OSC - On Scene Coordinator
PCB - Polychlorinated biphenal
PPE - Personal Protective Equipment
PRP - Potentially Responsible Party
RAL - Removal Action Level
RSE - Removal Site Evaluation
RSL - Removal Screening Level
RFQ - Request For Quote
SCDHEC - South Carolina Department of Health and Environmental Control
START - Superfund Technical Assessment and Response Team
TCLP - Toxicity Characteristic Leachate Procedure
USACE - United States Army Corps of Engineers
XRF - X-Ray Fluorescence

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.