

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #16
Progress POLREP
Flex-A-Form Drum Site
B4K2
Anderson, SC
Latitude: 34.5901430 Longitude: -82.6698200

To:
From: Jason Booth, On Scene Coordinator
Date: 4/5/2012
Reporting Period: 3/23/2012-4/5/2012

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:		Completion Date:	
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:

Activities performed during the week of March 26th:

- ERRS contractor transported off-site Stockpiles #22 and #24 for a weekly total of 664 tons of arsenic contaminated soils.
- OSC, RM and START met with USACE personnel to discuss stream restoration plans.
- ERRS began final grading of western portion of site.
- A sample from the treated stockpile #23 was sent for TCLP analysis.

Activities performed the week of April 2nd:

- ERRS contractor received TCLP results from treated stockpile #23 for cadmium at .0070 mg/L.
- ERRS contractor began disposal of treated stockpile #23 for a weekly total of 649 tons of arsenic contaminated soil.
- START contractor placed erosion control mats and planted vegetation along the western and eastern sides of the stream bank per the stream restoration plan.
- START contractor has planted several pines along the western boundary of the site per the stream restoration plan.

Analytical Results of Stockpiled Material that failed the TCLP limit for non-hazardous waste of 1. mg/L for cadmium. Soil above this limit is considered hazardous waste and must be treated before it can be disposed in a Subtitle D Landfill. The treatment standard for cadmium is .11 mg/L or an alternative treatment standard of 90% reduction of the initial TCLP value and below 1.0 mg/L, in order to meet the Land Disposal Requirements for Subtitle D Landfills.

Stockpile #	Cadmium Initial TCLP Result (mg/L)	Cadmium TCLP Result After Treatment(mg/L)
7	3.43	.019
6	1.84	.011
1	3.61	.036
8	2.44	.017
9	2.64	.026
19	24.9	.091
20	23.2	.071
21	2.87	.119
23	1.07	.007

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Treatment	Disposal
Non-Hazardous, Arsenic and Cadmium Contaminated Soil (Total soil)	Soil	10,106 tons	None	Upstate Regional MSW Subtitle D Landfill
Hazardous, Cadmium Contaminated Soil Treated On-Site	Soil	3,003 tons	Free Flow 300/200	
Magnesium Oxide	Bulk	4 tons	None	Upstate Regional MSW Subtitle D Landfill
Scrap Metal	Scrap Metal	30.97 tons	Cleaned	Belton Metals Recycling
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

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

The following activities are planned during the next reporting period:

- ERRS contractor will continue load out of stockpile #23.
- ERRS will continue with site restoration activities.
- START contractor will conduct confirmation sampling under stockpile #23 and assist ERRS contractor with site restoration.

2.2.2 Issues

Now that all of the dangerous chemicals have been removed from the Site, EPA will focus on removing contaminated soils that contain arsenic. EPA will continue to work closely with local, state, and county officials throughout the cleanup process.

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) - 6
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.