

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
SIMS CHAPEL WOOD TREATMENT SITE - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #3
Final
SIMS CHAPEL WOOD TREATMENT SITE
B446
Sims Chapel (Washington Co.), AL
Latitude: 31.2253530 Longitude: -88.1478490

To:
From: Dean Ullock, On-Scene Coordinator
Date: 4/5/2011
Reporting Period:

1. Introduction

1.1 Background

Site Number:	B446	Contract Number:	
D.O. Number:		Action Memo Date:	12/16/2010
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	1/24/2011	Start Date:	1/25/2011
Demob Date:	2/4/2011	Completion Date:	
CERCLIS ID:	AL 000140843	RCRIS ID:	
ERNS No.:		State Notification:	ADEM-Yes
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Inactive wood treatment facility.

1.1.2 Site Description

According to documents provided by the Alabama Department of Environmental Management (ADEM) and a preliminary site visit conducted by START on October 8, 2009, the site consists of an approximate 0.5 acre inactive wood treating facility located in a rural area.

1.1.2.1 Location

The Site is located west of an abandoned residence at 8501 John Johnston Road in the town of Sims Chapel, Washington County, Alabama. The geographic coordinates for the center are latitude 33 13' 30.9714" north and longitude 88 08' 51.7" west. The heavily wooded site lies on a peninsula shaped parcel of land surrounded by wetlands and is within a larger 50 acre parcel.

1.1.2.2 Description of Threat

Potential ongoing release of residual wood treatment chemicals into the surrounding environment from a small, 3x15x6 open pit containing residual Creosote and water.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Surface and sub-surface soil analytical results above the residential RALs/RSLs included arsenic, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The areas of concern at the site, based on sample results, are the soils immediately surrounding the open-pit and the contents of the open-pit itself. The location of these samples indicate that site-attributable contamination is migrating toward the surrounding, downgradient wetlands, therefore a **TIME CRITICAL CERCLA REMOVAL ACTION** was deemed necessary at this site location.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Removal Site Evaluation conducted at this location on March 30, 2010.

2.1.2 Response Actions to Date

At the request of the Alabama Department of Environmental Management's (ADEM), Site Assessment

Coordinator, and through the ADEM Waste Division Director, this site was formally referred to ERRB on October 8, 2009.

In 1996, the ADEM performed a CERCLA Preliminary Assessment to collect information concerning conditions at the site sufficient to assess the threat posed to human health and the environment and to determine the need for additional investigation under CERCLA. Due to the rural nature of the area and lack of targets at the time, no further action at the federal level was recommended by the ADEM. The site was recommended for cleanup under the Alabama Hazardous Substances Cleanup Fund.

In 2009, the ADEM performed a Site Reassessment to verify the location, status, ownership of the site and to identify the potential sources of contamination. Due to the rural nature low population of the area, ADEM concluded that no further remedial action was necessary under CERCLA for the site.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

As required, the current property owner has been identified and has allowed US EPA ERRB site access for the purpose of conducting the Removal Site Evaluation and subsequent Removal Action. It should be noted that the currently assigned Region IV, US EPA Site Attorney has discovered and determined, that based on law, the current property owner "inherited" the property from the previous and deceased property owner and therefore is not considered a viable Responsible Party or liable under the current provisions of CERCLA.

2.1.4 Progress Metrics

N/A

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
	SOIL	217 tons			LANDFILL
	WATER	approx.1377 gallons			DISPOSED

2.2 Planning Section

2.2.1 Anticipated Activities:

CURRENT ACTIVITIES as 02/03/2011 include:

01/24/2011; ERRS Mobilized to the Site.

On 01/25/11, ERRS and START commenced with Removal activities at the site. Initial activities included the delivery of heavy equipment (excavator and bobcat, porta john, and 6 loads of rock material needed for the construction off of a short road leading into towards the creosote, dipping pit. Waste profile preparation, TCLP sample collection for the oily water. Review of all 3-bids (disposal and rock material).

On 1/27/11, START collects liquid sample from pit for disposal profile.

On 1/31/11, ERRS begins load out of contaminated soil. Waste profile sample results received from pit liquid indicate liquid is nonhazardous.

On 2/1/11, excavation completed, liquid removed from pit and disposed of off-site, excavation confirmation samples collected by START and submitted to lab.

On 2/3/11, backfill completed, erosion control in place, ERRS and START demobilize from site.

2.1.1 Planned Response Activities

None. Removal and disposal of oily water and all impacted soils completed, site rehabilitation completed.

2.2.1.2 Next Steps

None.

2.2.2 Issues

None.

2.3 Logistics Section

N/A

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

OSC Ullock will continue to serve as Safety Officer during the Removal phase of this clean-up.

2.6 Liaison Officer

N/A

2.7 Information Officer

2.7.1 Public Information Officer

N/A

2.7.2 Community Involvement Coordinator

N/A

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

ADEM's Site Assessment Section-Montgomery, Alabama

WASHINGTON COUNTY-EMA Director

US EPA-ERRB

4. Personnel On Site

US EPA x 1 (demobilized)

START x 1 (demobilized)

ERRS x 5 (demobilized)

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report

Please refer to website contents.

6.2 Reporting Schedule

TBD.

7. Situational Reference Materials

N/A