

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Delta Mills Removal Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #5
Completion of Onsite Activities
Delta Mills Removal Site
B43C
Wallace, SC
Latitude: 34.7171100 Longitude: -79.8568900

To:
From: Brian Englert, Federal OSC
Date: 9/4/2014
Reporting Period: 8/15/2014 to 9/4/2014

1. Introduction

1.1 Background

Site Number:	B43C	Contract Number:	
D.O. Number:		Action Memo Date:	5/22/2014
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	7/14/2014	Start Date:	7/15/2014
Demob Date:		Completion Date:	
CERCLIS ID:	SCN000411028	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Time Critical Removal Action

1.1.2 Site Description

The Site consists of an approximately 0.42-acre portion of the former Delta Mills facility consisting of two ASTs (300,000 and 500,000 gallons in capacity) that had been used to hold No. 6 fuel oil and now contain PCB-contaminated oil, and a pump house where PCB spills have occurred. This 0.42-acre parcel is currently owned by Schwarz Wallace LLC. The remainder of the 620 acre Delta Mills Facility has been purchased by Southern States Energy and is being addressed as a "Brownfield" site under a Voluntary Cleanup Contract with South Carolina Department of Health and Environmental Control (SCDHEC).

1.1.2.1 Location

The Site consists of an approximately 0.42-acre portion of the former 620-acre Delta Mills facility, a former textile dyeing and finishing plant. The Delta Mills facility is located at 4351 Brickyard Road, Wallace, Marlboro County South Carolina 29596. The latitude for the Site is 34.71711° and the longitude is -79.85689°. The 0.42-acre parcel consists of two ASTs and a pump house. The property is bordered by a drainage ditch and railroad tracks directly to the north, a gas station directly to the northwest and the Delta Mills facility to the south and east. The drainage ditch adjacent to the parcel is a tributary to the Pee Dee River which is approximately 1.2 miles from the Site.

1.1.2.2 Description of Threat

PCBs are hazardous substances as defined by Section 101(14) of CERCLA. The large volume of PCB-contaminated used oil at the Site, along with PCB releases into the soil and pump house at the Site, constitute a threat to public health and to the environment.

Two releases have been documented at the Site and no previous response actions have been conducted. The concentrations of PCBs found in the used oil at the Site are above the TSCA disposal requirement of ≥ 50 mg/kg found in 40 CFR, Part 761.60 for PCB liquids. The concentrations of PCB found in the soil outside the pump house at the Site exceed the EPA's industrial Removal Management Level (RML) of 74 mg/kg.

Breaks-ins and vandalism at the Site have been documented, and the drainage ditch adjacent to the Site is

a tributary and potential pathway for contamination to migrate into the Pee Dee River. The tanks and pump house at the Site are in deteriorating condition and contain PCB-contaminated used oil.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The U. S. Environmental Protection Agency’s Resource Conservation and Recovery Act Program referred the Site to Superfund’s Emergency Response and Removal Branch for consideration of a time-critical removal action on July 17, 2013, due to the large amount of used oil contaminated with PCBs above Toxic Substances Control Act (TSCA) regulatory levels and previous releases which have occurred at the Site.

The EPA Region 4 Science and Ecosystem Support Division (SESD) collected eight samples on June 7, 2011. Laboratory analyses detected PCBs in five of the eight samples. Two of the five waste samples exceeded the TSCA disposal requirement of ≥ 50 mg/kg found in 40 Code of Federal Regulations (CFR) Part 761.60 for PCB liquids. The sample collected from a 500,000-gallon aboveground storage tank (AST) contained PCB-1260 at 3,200 mg/kg, and a sample collected from the pump house contained PCB-1260 at 610 mg/kg. A soil sample collected on-site revealed PCB-1260 at 120 mg/kg, exceeding the industrial Removal Management Level (RML) of 74 mg/kg.

Since the ASTs are not maintained, there is a potential of release of PCB oil from these ASTs that could cause contamination to migrate off-site. There has already been a release of PCB-contaminated oil outside secondary containment that has flooded the floor of the pump house and contaminated the soil outside of the pump house and the secondary containment. An additional release has been documented inside secondary containment, and stained soil is clearly visible.

PCB-contaminated oil at the Site is a documented source of contamination at the P&W Superfund Site. There is also a potential of exposure of PCBs to trespassers as the EPA has documented on-going trespassing and the presence of graffiti. Several break-ins have occurred at the property, and metal has been scavenged from the Site.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

ERRS crews loaded out the last several trucks of contaminated soil and began Site restoration activities. ERRS crews coordinated with START contractors began collection of confirmation samples and are awaiting results.

Confirmation samples revealed soil at the Site still contained low ppm levels of PCB Aroclor 1260. ERRS crews completed additional excavations and subsequent transportation and disposal of TSCA soil. Additional confirmation samples were collected revealing levels of the majority of the Site were below 1 ppm; consistent with preremoval concentrations. Clean backfill was mobilized to the Site and excavated were backfilled. START contractors demobilized from the Site on the week of 8/25/2014. ERRS crews and EPA demobilized from the Site on 9/4/2014.

Power lines which were previously relocated so that demolition could take place will be replaced pending scheduling with Duke Power. OSC Englert is coordinating with state agencies, the Brownsfield Program, PRPs and the owner of the adjacent property to brief them on the completion of removal activities.

2.1.2 Response Actions to Date

ERRS crews, START, USCG Strike Team and EPA have completed removal activities.

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

Enforcement activities continue with the identification and Noticing of PRPs.

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 TSCA Liquids	Sludge and Used Oil	115 Tons	NA		Fuel Blending/Reuse
TSCA Liquids	Oil and Sludge	309 Tons	NA		Incineration
TSCA Solids	Soil	528 Tons	NA		Landfill

2.2 Planning Section

2.2.1 Anticipated Activities

OSC Englert is coordinating with state agencies, the Brownsfield Program, PRPs and the owner of the adjacent property to brief them on the completion of removal activities.

2.2.1.1 Planned Response Activities

OSC Englert is coordinating with state agencies, the Brownsfield Program, PRPs and the owner of the adjacent property to brief them on the completion of removal activities.

2.2.1.2 Next Steps

No additional information is available at this time

2.2.2 Issues

2.3 Logistics Section

No information is 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

South Carolina Department of Health and Environmental Control (SCDHEC)

4. Personnel On Site

The following personnel are Onsite during this reporting period

- 1 OSC
- 4 ERRS Contractors
- 1 START Contractor (intermittent)
- 1 USCG Strike Team Serving as designated FOSC during OSC absence

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.