

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Bennett Landfill Fire - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #3
Response Complete
Bennett Landfill Fire
B44Y
Chester, SC
Latitude: 34.7874300 Longitude: -81.4502500

To: James Webster, USEPA R4 ERRB
Paul Lee, DHEC
Ken Taylor, SCDHEC

From: Terry Stilman, OSC

Date: 11/18/2014

Reporting Period: 11/5/2014 - 11/13/2014

1. Introduction

1.1 Background

Site Number:	B44Y	Contract Number:	
D.O. Number:		Action Memo Date:	11/3/2014
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	11/2/2014	Start Date:	11/2/2014
Demob Date:	11/13/2014	Completion Date:	11/13/2014
CERCLIS ID:	SCN000402727	RCRIS ID:	
ERNS No.:	1100014	State Notification:	11/2/2014
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response to a Landfill Fire.

1.1.2 Site Description

The former Bennette Landfill was a Construction and Debris Landfill permitted by the South Carolina Department of Health and Environmental Control (SCDHEC). SCDHEC issues a cease and desist order closing the landfill due to improper disposal practices, including improper disposal of asbestos containing materials (ACM) and improper covering of waste.

1.1.2.1 Location

The landfill is located adjacent to the city of Lockhart, SC.

1.1.2.2 Description of Threat

High levels of particulates from the fire and the potential for offsite migration of ACM from the improper disposal practices of the landfill directly threaten residents in the city of Lockhart and emergency responders fighting the fire.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On November 2nd, the former Bennette Construction and Debris Landfill was found to be on fire by the local Fire Department. Union and Chester County Emergency Management Agencies responded. The South Carolina Department of Health and Environmental Control (SCDHEC) also responded. During the evening of November 2nd, the fire was still not under control and offsite migration of particulates generated by the fire became a concern. The landfill also received an unknown quantity of ACM during its operation. SC DHEC requested USEPA assistance. The fire is directly across the Broad River from the small town of Lockhart, SC, and there is a threat of contamination reaching the town. OSC Stilman, START and QSI were dispatched to the scene.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

During the early morning hours of November 3, OSC Stilman, START and QSI began air monitoring for particulates, VOCs, CO, H2S and LEL surrounding the landfill using a remote monitoring system. Chester and Union County EMA continued fire fighting operations. The landfill is estimated to be between 40 to 75 feet deep and approximately in 23 acres in size. The majority of the fire is within buried portions of the landfill.

Based on the ongoing threat and lack of response by the Landfill Owner, the On-Scene Coordinator used his \$250,000 CERCLA authority to activate EPA's Emergency Response and Removal Services contractor, Environmental Restoration (ER) to provide fire suppression assistance. ER mobilized heavy equipment to excavate the burning waste while the Fire Department applied water and foam.

From 11/04/14 to 11/07/14, fire fighting and air monitoring activities continued. By the morning of 11/07/14, the fire was extinguished. On 11/07/14, additional material was excavated to prevent further flare-ups.

On 11/7/2014, EPA conducted an asbestos assessment including sampling.

On 11/12/14, OSC Stilman arrived on-scene to review the present conditions of the landfill with Chester County EMA. No visible smoke was evident, however residents continue to report odors from the landfill.

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

The landfill owner is Crisis Hill, Inc. The landfill owner has declined to participate in the response.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

SCDHEC and Chester County EMA will continue to monitor conditions at the landfill.

2.2.1.1 Planned Response Activities

EPA response actions are complete.

2.2.1.2 Next Steps

No further action by EPA is anticipated at this time.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

Emergency Action Memo Issued.
250,000 Site Ceiling Established.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$75,000.00	\$50,000.00	\$25,000.00	33.33%
QSI	\$5,000.00	\$3,000.00	\$2,000.00	40.00%
TAT/START	\$25,000.00	\$20,000.00	\$5,000.00	20.00%
Intramural Costs				

Total Site Costs	\$105,000.00	\$73,000.00	\$32,000.00	30.48%
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* 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

No information available at this time.

3. Participating Entities

3.1 Unified Command

USEPA
Chester County EMA
Union County EMA
SCDHEC

4. Personnel On Site

As of 11/6/2014:
EPA - 4
SCDHEC - 3
EMA - 85

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.

POLREP #3 Last Updated 12/12/2014