

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Beech Creek Superfund Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #3
Beech Creek Superfund Site
B4X7
Waynesboro, TN
Latitude: 35.3297000 Longitude: -87.7850000

To: James Webster, EPA
Brenda Apple, TDEC

From: Steve Spurlin, OSC

Date: 9/4/2015

Reporting Period: July 17, 2015 through September 6, 2015

1. Introduction

1.1 Background

Site Number:	B4X7	Contract Number:	
D.O. Number:		Action Memo Date:	2/21/2014
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/2/2014	Start Date:	6/2/2014
Demob Date:		Completion Date:	
CERCLIS ID:	TND000410901	RCRIS ID:	
ERNS No.:		State Notification:	02/10/2014
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

This is a time critical removal action being conducted by a group of potential responsible parties (prps) pursuant to an U. S. Environmental Protection Agency (EPA) Order on Consent. The Order requires sampling to identify the extent of polychlorinated biphenyl (PCB) contamination in Beech Creek, and it's associated floodplain areas. Following completion of the sampling, removal of PCBs exceeding EPA's established cleanup level will be undertaken.

1.1.2 Site Description

1.1.2.1 Location

The Site is located near the intersection of US Highway 64 and Clifton Turnpike, west of Waynesboro in unincorporated Wayne County, Tennessee. The Site is comprised of the bed, banks and floodplain of Beech Creek, beginning at the fence near the north end of land Parcel No. 067037.00 and continuing north approximately 0.5 miles, into Parcel No. 046006.00), and the aerial extent of contamination emanating there from, which may vary according to local topography and hydrology. The Site is approximately centered at latitude 35.329752 and longitude -87.785042.

1.1.2.2 Description of Threat

The landfill at the head waters of Beech Creek was initially an uncontrolled roadside dump in the late 1930s, which was then managed by the City of Waynesboro beginning probably in the 1950s. The city began to periodically push and level refuse down the steep ravine toward the headwaters of Beech Creek. In the late 1960s and early 1970s, documented industrial disposal contributed large quantities of spent electrical capacitors, liquid waste PCBs and other PCB-impregnated wastes. A report by TDEC in 1992 estimated that 36,000 pounds of PCBs were placed into the landfill between 1969 and 1972. Local industry also disposed of an estimated 10,000 gallons of TCE from 1970 to 1972, with some evidence of dumping directly to Beech Creek. Contamination of Beech Creek has been documented since at least the 1970s.

The results of the EPA Removal Site Investigation indicate that PCBs have been released into the environment at the Site. These PCBs are migrating and, unless mitigated, will continue to migrate, downstream to affect residential property. Because of the durability of PCBs in the environment, current contamination is likely due to historical releases directly to the creek from the landfill area.

<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

- Drafting of a revised Project Execution Plan. Preparation of a draft revision to the Quality Assurance Project Plan to provide redundant analytical laboratory capacity to minimize the potential for delays in backfilling and/or disposal of materials due to delays in analysis of waste characterization and/or confirmation samples is ongoing.
- Continue the excavation of areas identified in the excavation plan, monitor activities at the Material Handling Pad.
- Confirmation sampling of excavated areas.
- Backfill of excavated areas

2.2.1.1 Planned Response Activities

The contractor, Environ, begin excavation during the week of August 31,2015..

2.2.1.2 Next Steps

2.2.2 Issues

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
TAT/START	\$70,000.00	\$11,000.00	\$59,000.00	84.29%
Intramural Costs				
Total Site Costs	\$70,000.00	\$11,000.00	\$59,000.00	84.29%

* 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

No information available at this time.

4. Personnel On Site

No information available at this time.

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 10/15/2015