

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Burlington Industries Cheraw - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #12
Final POLREP
Burlington Industries Cheraw
B49F
Cheraw, SC
Latitude: 34.6977213 Longitude: -79.9146074

To: James Webster, USEPA R4 ERRPB

From: Matthew Huyser, On Scene Coordinator

Date: 4/19/2018

Reporting Period: 3/10/2018 - 4/19/2018

1. Introduction

1.1 Background

Site Number:	B49F	Contract Number:	
D.O. Number:		Action Memo Date:	7/13/2017
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/5/2017	Start Date:	6/6/2017
Demob Date:	10/13/2017	Completion Date:	3/14/2018
CERCLIS ID:	SCN000404896	RCRIS ID:	
ERNS No.:		State Notification:	10/4/2016
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Time-Critical Removal Action

1.1.2 Site Description

The South Carolina Department of Health and Environmental Control (DHEC) conducted sampling under a Preliminary Assessment (PA) and discovered the presence of Polychlorinated Biphenyls (PCBs) in residential and industrial surface soils near the former Burlington Industries facility, as well as in the drainage ditch and surface water corridor to the Pee Dee River. Public and private properties throughout the surface water corridor. An Action Memorandum for initial time-critical removal action was signed on April 25, 2017. Initial activities include cleanup to address at least six residential properties with concentrations of PCBs greater than 10 times the respective EPA Region 4 Removal Management Level (RML).

See Pollution Report (POLREP) #1 - Initial POLREP, dated June 7, 2017 for detailed information on this section.

1.1.2.1 Location

The former Burlington Industries facility is currently owned by Highland Industries, Inc. and is located at 650 Chesterfield Highway, Cheraw, Chesterfield County, South Carolina.

1.1.2.2 Description of Threat

Part 302.4 of Title 40 in the Code of Federal Regulations lists PCBs as a hazardous substance under section 102(a) of CERCLA, a toxic pollutant under section 307(a) of the CWA, and as a hazardous air pollutant under section 112 of the CAA. PCBs are also listed as a toxic chemical through section 313 of EPCRA and determined to present an unreasonable risk of injury to health and or the environment under section 2605(e) of the Toxic Substances Control Act (TSCA).

See Pollution Report (POLREP) #1 - Initial POLREP, dated June 7, 2017 for detailed information on this section.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

PCB Aroclors 1248 and 1254 were found throughout the Site with highest concentrations near the ditch at the west boundary of the former Burlington Industries facility, followed by decreasing concentrations throughout the surface water drainage corridor.

See Pollution Report (POLREP) #1 - Initial POLREP, dated June 7, 2017 for detailed information on this section.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On March 14, 2018, EPA OSC Huyser and START contractor mobilized to the Site to collect wipe samples from playground equipment that had been removed from Huckleberry Park. The equipment is currently stored under a storage shed at the former public utilities building in Cheraw.

OSC Huyser had been contacted by representatives from the Town of Cheraw indicating that the playground equipment may be moved to a new location but concerns over potential contamination was expressed by Town officials and representatives. OSC Huyser confirmed that the equipment had been cleaned after it was removed from Huckleberry Park but offered to collect wipe samples on the equipment in response to the Town's concerns. Wipe samples were collected from ten surfaces with a focus on areas that were both close to the ground when installed and are an area expected to frequently come into contact with children. One duplicate sample was collected.

Sample results yielded no PCBs in any of the wipe samples at or above a reporting limit of 1.0 microgram per 100 cubic centimeters. The results were provided to the administrators office at the Town of Cheraw.

2.1.2 Response Actions to Date

224 Pecan - Excavation, backfilling, and sod 100% complete.
228 Pecan - Excavation, backfilling, and sod 100% complete.
232 Pecan - Excavation, backfilling, and sod 100% complete.
234 Pecan - Excavation, backfilling, and sod 100% complete.
238 Pecan - Excavation, backfilling, and sod 100% complete.
244 Pecan - Excavation, backfilling, and sod 100% complete.
246 Pecan - Excavation, backfilling, and sod 100% complete.
248 Pecan - Excavation, backfilling, and sod 100% complete.
252 Pecan - Excavation, backfilling, and sod 100% complete.
254 Pecan - Excavation, backfilling, and sod 100% complete.
256 Pecan - Excavation, backfilling, and sod 100% complete.
260 Pecan - Excavation, backfilling, and sod 100% complete.
601 Robin Hood - Excavation, backfilling, and sod 100% complete.
623 Robin Hood - Excavation, backfilling, and sod 100% complete.

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

Enforcement and negotiation activities are ongoing

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Brush		120.87 tons			Local Class II (C&D) Landfill
Non-TSCA Soil		5988.16 tons			Lee County Landfill, SC
TSCA PCB Soil		968.92 tons			Wayne Disposal #2 Landfill, MI and/or Heritage Landfill Roachdale, IN

2.2 Planning Section

2.2.1 Anticipated Activities

There are no further activities planned under this removal action. Ongoing activities at the Site are being conducted as a PRP-lead removal action with oversight by EPA.

2.2.1.1 Planned Response Activities

- Excavate surface soils and contaminated with PCBs from residential properties which exceed the EPA RML; (COMPLETE)
- Remove play units and sand from Huckleberry Park; (COMPLETE)
- Provide temporary staging of excavated PCB-contaminated soil/sediment between removal and disposal activities; (COMPLETE)
- Load and transport PCB-contaminated soil/sediment to an offsite location for treatment and/or disposal; (COMPLETE)
- Replace excavated soil with clean backfill and vegetation; and (COMPLETE)
- Restore impacted properties to the extent practicable. (COMPLETE)

2.2.1.2 Next Steps

Work conducted under the consent agreement between EPA and Highland Industries is documented in POLREPs at https://response.epa.gov/BIC_PRP

2.2.2 Issues

There are no pending issues at the Site for the fund-lead removal action.

2.3 Logistics Section

No information to report in this section

2.4 Finance Section

2.4.1 Narrative

The original action memorandum was signed on April 25, 2017 and a ceiling increase and change of scope action memorandum was signed on July 13, 2017. Funding has been provided for ERRS and START contracts in the amount represented in the table below.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$1,570,000.00	\$1,492,482.44	\$77,517.56	4.94%
TAT/START	\$75,000.00	\$71,000.00	\$4,000.00	5.33%
Intramural Costs				
Total Site Costs	\$1,645,000.00	\$1,563,482.44	\$81,517.56	4.96%

* 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

2.5.1 Safety Officer

ERRS and START have each produced a HASP for their activities.

2.5.2 Liaison Officer

No information to report in this section

2.5.3 Information Officer

No information to report in this section

3. Participating Entities

3.1 Unified Command

No information to report in this section

3.2 Cooperating Agencies

Town of Cheraw
South Carolina DHEC

4. Personnel On Site

There are no personnel on Site.

5. Definition of Terms

No information to report in this section

6. Additional sources of information

6.1 Internet location of additional information/report

No information to report in this section

6.2 Reporting Schedule

This is the Final POLREP for the fund-lead removal action. Work conducted under the consent agreement between EPA and Highland Industries is documented in POLREPs at https://response.epa.gov/BIC_PRP

7. Situational Reference Materials

No information to report in this section