

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Park Street Site - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region I

Subject: POLREP #1
Initial
Park Street Site
01HY
Bennington, VT
Latitude: 42.8780940 Longitude: -73.1968001

To: Polrep Distribution, USEPA-R1

From: Daniel Burgo, OSC

Date: 9/25/2012

Reporting Period: 9/17/2012 - 9/25/2012

1. Introduction

1.1 Background

Site Number:	01HY	Contract Number:	
D.O. Number:		Action Memo Date:	7/24/2012
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	9/17/2012	Start Date:	
Demob Date:		Completion Date:	
CERCLIS ID:	VTN000106125	RCRIS ID:	
ERNS No.:		State Notification:	VT DEC
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Time Critical Removal Action

1.1.2 Site Description

The Park Street Site (the Site) is located along Park Street and Bowen Road in Bennington, Vermont. The Site consists of Little League baseball fields, two residential properties, and an adjacent wetland. The site is impacted by PCB contamination, potentially from the former JARD site, a former capacitor and transformer manufacturing facility that produced capacitors, non-fluid transformers, and motors used in household appliances. The environmental contamination is known to have migrated into the groundwater.

1.1.2.1 Location

The Park Street Site (the site) is located on Park Street and Bowen Road in Bennington, Vermont. Geographic coordinates of the site are 42° 53' 27.9" north latitude, and 73° 11' 32.9" west longitude, as measured from the approximate center of the site.

The Site is bordered to the:

To the west – Bennington Square Shopping Center;
To the east – Bowen Road and industrial properties;
To the north – Kocher Drive and North Branch Street;
To the south – Walloomsac River

1.1.2.2 Description of Threat

PCB's have been identified within sediments deposited from groundwater infiltration in the basements of the homes and also within the surface soils along the property boundary of the baseball fields on the Site. PCB's in the groundwater are suspected to be the source of contamination to soils and surface waters at the Site due to periodic infiltration into residential basements through inactive wells and other openings, and subsequent drainage via sumps and outfall pipes into yards and retention ponds. Depth to groundwater is approximately 1.5ft to 2.5ft at the residential properties and 4ft to 5ft at the Little League fields.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Analysis of surficial floor sweepings from the basement of the residential properties indicated PCB concentrations up to 14 ppm. PCBs were also detected in sediment and surface water in a residential pond, in the soil of sump areas located in the basements, in the soil at a nearby wetland and in surface soil at the Little League field located along the fence line of the former JARD property.

The range of PCB concentrations at locations where contamination was detected are as follows:

Location	Range of PCB Concentrations Detected
Little League Fields along the fence line abutting the former JARD property	ND to 9.6 ppm
Basement of First Residential Property	ND to 14 ppm
Basement of Second Residential Property	ND to 2.3 ppm
Sediment from residential pond	3.6 ppm to 12 ppm
Wetlands	ND to 5.4 ppm

A Site Investigation Closure Memorandum dated May 14, 2012 documented the Removal Site Evaluation which made the determination that a Removal Action is appropriate at this time.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

At the request of the Vermont Department of Environmental Conservation (VTDEC), the U.S. Environmental Protection Agency (EPA) conducted a Preliminary Assessment Site Investigation in April 2012 at the Little League baseball fields, two residential properties, and an adjacent wetland located near the former JARD Company, Inc. (JARD) Site, located at 126 Bowen Road in Bennington. Three previous EPA removal actions were conducted at the former JARD property, a former capacitor and transformer manufacturing facility, between 1992 and 2007 to address polychlorinated biphenyls (PCB) contamination in soils and other waste at the site.

From April 3-5, 2012, A Preliminary Assessment/Site Investigation was conducted which consisted of the review of existing files, collection and analysis of soil and surface water sampling at the two residential properties, the wetland, and three Little League baseball fields, and evaluation of all pertinent information.

On July 24, 2012 an Action Memorandum was signed to document approval of the removal action.

On August 4, 2012, with collaboration from the VT Department of Public Health (DPH), the VT DEC, and the US EPA, four 8hr polyurethane foam plug (PUF) air samples were collected at the residential home with the highest concentrations of PCBs. These samples were analyzed for Total PCBs and PCB homologs and through consultation with ATSDR, EPA determined that there is not at a level of concern.

From August 7-9, 2012 another round of sampling was conducted to help further define the extent of contamination. Collection and analysis of soil and surface water sampling at three residential properties on Bowens Rd and a comprehensive 100 ft grid sampling in the wetland was completed. These samples were analyzed and determined that they were below a level of concern and no further action was need in those areas.

On September 12, 2012, EPA OSC Dan Burgo met with ERRS cleanup contractors at the Site to conduct a site walk.

Based on the information gathered during the PASI and through discussion with VT DEC it has been determined that this removal action will be conducted in two phases. Phase I will focus on the removal and decontamination within the basements of the affected homes. Phase II will be installation of the engineering controls that will prevent further recontamination through groundwater infiltration in the basements of the residential properties.

2.1.2 Response Actions to Date

On September 17, 2012, OSC Burgo, ERRS and START mobilized to the site.

From Sept 17 - 26, 2012 ERRS completed the Phase I removal of the PCB contamination in the two affected residential basements. ERRS also prepared the basements for the installation of a groundwater prevention system in each of the homes.

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

An EPA enforcement coordinator is in the process of determining a viable PRP for the Site.

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 Haz Waste	solid waste	1	CUYD		

2.2 Planning Section

2.2.1 Anticipated Activities

The ERRS contractor will subcontract the development and implementation of a work plan for Phase II of the project.

2.2.1.1 Planned Response Activities

Installation of a groundwater infiltration prevention control is planned for the winter.

2.2.1.2 Next Steps

Coordination with the VT DEC and local officials will continue as the Site progresses.

2.2.2 Issues

None at this time.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

COST CATEGORY		CEILING
<i>REGIONAL REMOVAL ALLOWANCE COSTS:</i>		
ERRS Contractor		\$500,000.00
Interagency Agreement		\$0,000.00
<i>OTHER EXTRAMURAL COSTS NOT FUNDED FROM THE REGIONAL ALLOWANCE:</i>		
START Contractor		\$250,000.00
Extramural Subtotal		\$750,000.00
Extramural Contingency	10%	\$75,000.00
TOTAL, REMOVAL ACTION CEILING		\$825,000.00

ERRS has been incrementally funded to \$200,000.

* 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

Weston Solutions- Christine Scesney

2.5.2 Liaison Officer

US EPA OSC Burgo

2.5.3 Information Officer
US EPA Kelsey O'neil

3. Participating Entities

3.1 Unified Command
EPA OSC Burgo

3.2 Cooperating Agencies

Vermont Department of Environmental Conservation (DEC)
Agency for Toxic Substances and Disease Registry (ATSDR)
Vermont Department of Public Health (DPH)

4. Personnel On Site

EPA - 1
START - 1
ERRS - 4

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 #1 Last Updated 9/28/2012