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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region I

Subject: **POLREP #2**
Final POLREP
Park Street Site

Bennington, VT
Latitude: 42.8780940 Longitude: -73.1968001

To:
From: Daniel Burgo, OSC
Date: 5/7/2013
Reporting Period: 3/25/13-3/29/13 5/14/13-5/17/13

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:**	9/17/2012
Demob Date:	7/12/2013	**Completion Date:**	7/12/2013
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 system that will minimize groundwater infiltration into each home.

On March 25,2013 OSC Burgo, ERRS and START remobilized to the site.

From March 25 - 29, 2013 ERRS completed Phase II of the removal. The ERRS crew consisted of 1 Response Manager, 2 Techs, and 4 subcontractors. The 2 Techs prepared the basement at one of the homes that was receiving the engineering controls that prevent recontamination from groundwater in the basements. The 2 Techs also prepared the area at the end of the current sump discharge line by removing the sediments and shoring up the area with stone in preparation for the new discharge line. After the basements were cleaned and debris was removed the waterproofing subcontractor conducted their installation of the engineering controls. The installation of the internal waterproofing system was completed on 3/28/13, but due to the frozen ground the remainder of the installation was postponed for a few weeks.

On March 26, 2013 access was denied in the other home that was to receive the waterproofing engineering controls. After several discussions with the homeowners and the EPA regional enforcements coordinator removal access was granted again on 4/21/2013.

On March 27, 2013 ERRS disposed of 5 drums of non TOSCA PCB contaminated debris/floor sweepings.

On May 14, 2013 OSC, ERRS and the subcontractor started work again on the two homes to complete the waterproofing engineering controls.All of the installations were completed on May 20, 2013. Restoration is still in progress.

On July 12, 2013 OSC and ERRS RM, and a subcontractor mobilized to the site. All of the restoration activities were completed and the EPA and ERRs contractors demobilized from the site.

All personnel were demobilized on July 12,2013.

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

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*
Non Haz Waste	solid waste	5 drums	26554		

2.2 Planning Section

2.2.1 Anticipated Activities

No further anticipated EPA activities are planned for this Site.

2.2.1.1 Planned Response Activities

None.

2.2.1.2 Next Steps

None.

2.2.2 Issues

None at this time.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

US EPA OSC Burgo
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 - 3
ERRS subcontractors - 4

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report
N/A

6.2 Reporting Schedule

7. Situational Reference Materials

N/A