

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Parker Street Waste Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region I

Subject: POLREP #4
Progress
Parker Street Waste Site
01GB
New Bedford, MA
Latitude: 41.6381659 Longitude: -70.9368469

To:
From: Wing Chau, On-Scene Coordinator
Date: 9/9/2011
Reporting Period: 7/27/11 to 9/9/11

1. Introduction

1.1 Background

Site Number:	01GB	Contract Number:	EP-W-08-061
D.O. Number:	024	Action Memo Date:	8/26/2010
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/29/2010	Start Date:	10/29/2010
Demob Date:		Completion Date:	
CERCLIS ID:	MAN000105955	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA Fund-lead, time-critical removal action.

1.1.2 Site Description

The Parker Street Waste Site is a currently estimated 114-acre area located in an urban area of New Bedford, Bristol County, Massachusetts. The estimated extent of the Parker Street Waste Site, based upon data generated to date, is believed to be bounded to the north by Durfee Street, to the east by Liberty Street and the Oak Grove Cemetery, to the south by North Street, and to the west by Summit Street.

Redeveloped on and centered around a former city-owned landfill, the Parker Street Waste Site includes the New Bedford High School campus, the Keith Middle School (KMS), the Hetland Memorial Skating Rink property, Walsh Field, the new Andre McCoy Field, residential properties, New Bedford Housing Authority properties, Carabiner's Indoor Climbing Facility, and two private apartment complexes.

1.1.2.1 Location

Geographic coordinates of the Site are approximately 41° 38' 33" north latitude and 70° 56' 44" west longitude, as measured from the approximate center of the Site.

1.1.2.2 Description of Threat

Elevated levels of polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), and/or heavy metals in soils at or near the surface, pose an imminent and substantial endangerment to public health.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

EPA and MassDEP initiated a preliminary assessment and site investigation (PA/SI) on April 26, 2010. 63 parcels comprising 47 properties along the periphery of the Site were sampled to expedite further investigation of the boundaries of the Parker Street Waste Site, and to determine whether there is any immediate threat to human health and/or the environment related to the contamination from the Site. The site investigation identified several residential and commercial properties with elevated levels of polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), and/or heavy metals in soils at or near the surface, which pose an imminent and substantial endangerment to public health. Also, 24

additional properties were sampled in September 2010 to further delineate the nature and extent of the Site boundaries.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On August 26, 2010, the Action Memorandum was signed by the Director of the Office of Site Remediation and Restoration, approving the proposed removal action to address the release or threatened release of hazardous substances, contaminants, and/or pollutants at the Site.

2.1.2 Response Actions to Date

Please refer to POLREPs #1, #2, and #3 for information on removal activities prior to June 27, 2011.

Week of June 27, 2011

ERRS removed railroad tie retaining wall between properties P-042 and P-039. ERRS continued backfilling activities at properties P-037 and P-042. ERRS continued excavation and backfilling activities at property P-030 as well as reinstalling fence and building a retaining wall.

Week of July 4, 2011

ERRS continued excavation and backfilling activities at properties P-030 and P-037, continued backfilling at property P-042. ERRS begins building retaining wall at P-042.

On July 8, 2011, twenty four (24) truckloads of contaminated soil were transported from the Shawmut Avenue staging area to the Crapo Landfill in New Bedford for disposal.

Week of July 11, 2011

ERRS completed excavation and continued backfilling activities at property P-030 as well as building a retaining wall. ERRS continued excavation activities at property P-037. ERRS continued backfilling and building retaining wall and started placing topsoil at property P-042.

On July 11, 2011, twenty two (22) truckloads of contaminated soil were transported from the Shawmut Avenue staging area to the Crapo Landfill in New Bedford for disposal.

On July 12, 2011, four (4) truckloads of contaminated soil were transported from the Shawmut Avenue staging area to the Crapo Landfill in New Bedford for disposal.

On July 12, 2011, START collected additional soil samples from properties P-037 and P-072 to further delineate site conditions at these two properties.

On July 13, 2011, eleven (11) truckloads of contaminated soil were transported from the Shawmut Avenue staging area to the ESMI Landfill in Loudon, NH for disposal.

Week of July 18, 2011

ERRS continued backfilling and restoration activities at properties P-030, P-037, and P-042. ERRS removed the fence between P-042 and P-047 and completed excavation at property P-047. ERRS began preparing property P-002 for removal activities, which included clearing and grubbing activities.

Week of July 25, 2011

ERRS began excavation activities at property P-072. ERRS completed excavation and backfilling activities at property P-042.

Week of August 1, 2011

ERRS began removal activities at properties P-002 and P-033. ERRS completed excavation and backfilling at property P-072. ERRS continued excavation and backfilling operations at properties P-037 and P-040.

Week of August 8, 2011

ERRS completed excavation and backfilling activities at property P-040. ERRS continued excavation and backfilling activities at properties P-002, P-033, and P-037. ERRS initiated removal activities at property P-012.

START conducted right-of-way split sampling with the City of New Bedford's consultant TRC at property P-033.

Week of August 15, 2011

ERRS continued excavation and backfilling activities at properties P-002, P-033, and P-012. ERRS completed backfilling and placing topsoil at property P-037. ERRS initiated excavation activities at property P-001.

START conducted right-of-way split sampling with the City of New Bedford's consultant TRC at properties P-001 and P-033.

Week of August 22, 2011

ERRS continued excavation and backfilling activities at properties P-001, P-002, P-033, and P-012.

START conducted right-of-way split sampling with the City of New Bedford's consultant TRC at properties P-001 and P-033.

ERRS secured all sites for Hurricane Irene.

On August 25, 2011, EPA, MassDEP, NBHA, Westlawn tenant representatives, and CLEAN members met at the New Bedford Public Library to discuss the proposed removal action for the Westlawn property.

Week of August 29, 2011

ERRS cleaned up on-going removal sites from impacts of Tropical Storm Irene. ERRS continued backfilling activities at properties P-001, P-002, P-012, and P-033. Damaged driveways at properties P-001, P-004, and P-047 have been replaced.

On August 30, 2011, twenty two (22) truckloads of contaminated soil were transported from the Shawmut Avenue staging area to the Crapo Landfill in New Bedford for disposal.

On August 31, 2011, twenty (20) truckloads of contaminated soil were transported from the Shawmut Avenue staging area to the Crapo Landfill in New Bedford for disposal. Also, START conducted right-of-way split sampling with the City of New Bedford's consultant TRC at property P-001.

On September 1, 2011, START conducted right-of-way split sampling with the City of New Bedford's consultant TRC at property P-012. Also, START conducted soil sampling of the raised gardening beds at the Boys & Girls' Club community garden area (property P-028) to further characterize site conditions.

Week of September 5, 2011

ERRS continued excavation and backfilling activities at properties P-001, P-002, and P-012. ERRS initiated removal activities at property P-005. ERRS' landscaping subcontractor conducted restoration activities at properties P-030, P-037, P-040, and P-072.

On September 7, 2011, START conducted right-of-way split sampling with the City of New Bedford's consultant TRC at property P-001.

On September 9, 2011, START conducted right-of-way split sampling with the City of New Bedford's consultant TRC at properties P-001 and P-012.

2.1.3 Enforcement Activities

The Administrative Settlement Agreement and Order on Consent (AOC) for Removal Action for property P-013 was executed on June 28, 2011. The effective date of the AOC is July 11, 2011.

2.2 Planning Section

2.2.1 Anticipated Activities

Complete T&D of contaminated soils that are temporarily stockpiled in the Shawmut Avenue staging area.

2.2.1.1 Planned Response Activities

Continue securing access to properties with contamination within the top 3 feet of soil that warrant a removal action. Evaluate, in consultation with MassDEP, sampling results from the Phase II sampling effort to determine whether a time-critical removal action is warranted as well.

Evaluate sampling results from the Phase II sampling effort and determine whether additional sampling is necessary to determine the extent of the Site boundaries.

2.3 Logistics Section

Continue coordination of T&D activities for the remaining stockpiled contaminated soils to permitted disposal facilities. Continue coordination of landscaping services for site restoration activities.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

On-site personnel have reviewed and signed the site specific health and safety plan (HASP). Daily operational health and safety briefings are conducted each morning prior to commencement of site activities.

2.6 Liaison Officer

2.7 Information Officer

2.7.1 Public Information Officer

The Public Information Office continues to provide updates regarding site activities to interested parties and posting the updates onto the website, www.epa.gov/region1/parkerstreet.

2.7.2 Community Involvement Coordinator

3. Participating Entities

3.1 Unified Command

USEPA
MassDEP

3.2 Cooperating Agencies

4. Personnel On Site

USEPA - 2 OSCs, 1 mobile lab with chemist
START - 1 Site Lead personnel
ERRS - 1 RM, , 1 Foreman, 4 Operators, 4 Cleanup Technicians, 2 truck drivers

5. Definition of Terms

ACM - Asbestos Containing Material
ERRS- Emergency Rapid Response Services
EPA/USEPA - U.S. Environmental Protection Agency
MassDEP - Massachusetts Department of Environmental Protection
NBHA - New Bedford Housing Authority
NBPD - New Bedford Police Department
OEME - Office of Environmental Measurement and Evaluation
OSC - On-Scene Coordinator
PID - Photo Ionization Detector
PPE - Personal Protective Equipment
RM - Response Manager
START - Superfund Technical Assessment and Response Team
TCLP - Toxicity Characteristic Leaching Procedure
T&D - Transportation and Disposal
VOCs - Volatile Organic Compounds

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epa.gov/region1/parkerstreet>

6.2 Reporting Schedule

7. Situational Reference Materials

No information available at this time.