

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Milford Bike Path - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region I

Subject: POLREP #1
Initial
Milford Bike Path

Milford, MA
Latitude: 42.1514946 Longitude: -71.5187481

To:
From: Allen Jarrell, OSC
Date: 12/29/2011
Reporting Period: 12/02/2011 - 12/22/2011

1. Introduction

1.1 Background

Site Number:	Contract Number:	
D.O. Number:	Action Memo Date:	11/2/2011
Response Authority: CERCLA	Response Type:	Time-Critical
Response Lead: EPA	Incident Category:	Removal Action
NPL Status: Non NPL	Operable Unit:	
Mobilization Date: 12/5/2011	Start Date:	12/2/2011
Demob Date:	Completion Date:	
CERCLIS ID: MAN000106072	RCRIS ID:	
ERNS No.:	State Notification:	
FPN#:	Reimbursable Account #:	

1.1.1 Incident Category

1.1.2 Site Description

The Site is bordered with temporary fencing to restrict access and prevent exposures to the impacted area. The soils containing the high metal concentrations are in white or gray clay-like material with colored streaks. The lenses are observed in near surface soils to a maximum depth of about 3 feet and cover an area of approximately 160 ft by 55 ft. The clay-like material reportedly originated from industrial waste lagoons that were operated prior to 1974 by the former Bettenger Company on the abutting, upgradient property at 51-53 Sumner Street prior to 1974. The lagoons were discontinued and similar metals-contaminated, clay-like material was excavated from the lagoons in 1987. The BMC currently owns the upgradient property.

1.1.2.1 Location

The Site, located on town municipal property to the rear of 51-53 Sumner Street in Milford, Worcester County, Massachusetts, contains part of the Milford Upper Charles Trail (Bike Path) and is adjacent to Cedar Swamp Pond. It is bordered on the north and south by other portions of the bike path, to the east Cedar Swamp Pond and its associated wetlands, and to the west by the Benjamin Moore Co. (BMC) facility. The geographic coordinates, as measured from the approximate center of the property, are 42° 09' 08" north latitude and 71° 31' 02" west longitude.

1.1.2.2 Description of Threat

High concentrations of lead and other heavy metals have been found in the soil on the Site. Rain and runoff can assist in the migration of these contaminants into the wetlands and into Cedar Swamp Pond.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

In January 2011, the Massachusetts Department of Environmental Protection (MassDEP) requested that the USEPA Region 1 Emergency Planning and Response Branch consider the Site for an RA due to concerns that there could be a significant environmental and public health threat because of potentially high concentrations of heavy metals in the soils. The OSC conducted a Site Assessment which evaluated November 2006 analytical data from Milford and MassDEP May 2011 analytical data to assess the extent of contamination. Both data sets noted in the surface and subsurface soil high levels of antimony, barium,

cadmium, chromium, lead, lithium, nickel and zinc. All the soil samples in 2006 and 2011 showed these heavy metals concentrations above the MA action levels.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

A site walk was conducted on December 2, 2011. EPA, ERRS, and START personnel walked the Site and met with the Milford Town Engineer. Manning and equipment needs were decided on and coordinated. ERRS personnel mobilized to the Site on 12/5/2011.

2.1.2 Response Actions to Date

During the week of 12/5/2011, The Site was secured using the temporary fencing already on the property, erosion control measures (hay bales and silt fence) were deployed, and the hazardous soil pile containment area was constructed. In addition, the request for bids went out to potential T&D subcontractors on 12/8/2011..

During the weeks of 12/12/2011 and 12/19/2011, Soil excavation started and continued through 12/22/2011. Approximately 30-50 tons a day has been removed and staged in the containment area. In addition, the bidwalk for the T&D subcontractors was held on 12/13/2011.

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

2.1.4 Progress Metrics

<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

2.2.1.1 Planned Response Activities

Soil excavation will start back up on 1/3/2012. In addition, XRF sampling and clean soil backfill will begin on 1/3/2012.

2.2.1.2 Next Steps

2.2.2 Issues

Keeping the structural integrity of the bike path will be a constant concern.

2.3 Logistics Section

Logistics are being provided by ERRS and START.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

The OSC will also be serving as the Safety Officer

2.5.2 Liaison Officer

2.5.3 Information Officer

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

MassDEP has been providing technical support during the removal.

4. Personnel On Site

OSC - 1
ERRS - 5
START - 1

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.