

United States Environmental Protection Agency
Region I
POLLUTION REPORT

Date: Friday, January 6, 2006

From: Michael Barry

Subject: POLREP #6, Update

Baldwinville Residential Properties
4 Holman Street, Baldwinville, MA
Latitude: 42.6131000
Longitude: -72.0744000

POLREP No.:	6	Site #:	01BN
Reporting Period:	9/6/2005-1/6/2006	D.O. #:	25
Start Date:	8/16/2004	Response Authority:	CERCLA
Mob Date:	8/16/2004	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	MAN0001033152	Contract #	68-W-03-037
RCRIS ID #:			

Site Description

The Site, located at Holman Street, near the village of Baldwinville in the town of Templeton, Worcester County, north 42 36' 54" latitude, west 72 04' 33" longitude, encompasses a neighborhood of approximately 55 residential properties. The site area is about 1/2 mile north of the village center and consists of about 80 acres total along Winchester, Holman, Harris, Elm and Bridge Streets and Winchendon Road.

This was discovered when soil sampling for polychlorinated biphenyls (PCB's) at the adjacent Temple-Stuart removal site advanced to its property line without PCB concentrations declining below acceptable Massachusetts Department of Environmental Protection (MADEP) regulatory concentrations for residential areas. Subsequent sampling of the residential properties in 2003 confirmed PCB concentrations above MADEP levels at 28 properties; access to one phase 1 property was later denied by the owner. A phase 2 sampling in 2004 indicated PCB concentrations above MADEP levels at 22 of 26 properties investigated.

For additional background information, please see the Action Memorandum

Current Activities

Since POLREP No. 5, the following work has been completed:

\$ Digging of the 27 Phase 1 and 22 Phase 2 properties completed on August 17, 2005.

\$ Loam backfill has been completed on all phase 1 & 2 properties and all but two have been hydro-seeded; the last two have been hand-seeded.

\$ Restoration of trees and shrubbery of the Phase 1 properties was completed in September 2005. Phase 2 property tree restoration will be in the spring of 2006.

\$ All remaining PCB contaminated soil <50 ppm PCB's from digging phase 2 properties has been shipped off-site; this was approximately 6000 tons.

\$ A Site Investigation was performed on 36 Phase 3 properties in October-November 2005. The PCB contamination has been bounded by the phase 3 SI; a small removal on 5-10 properties is planned for 2006.

\$ An Action Memo Amendment was approved by EPA Headquarters on September 14, 2005. It approved exceeding the 12 months limit for a removal action and to raise the project cost ceiling to allow restoration of phase 1 & 2 properties to be completed and perform removal at required phase 3 properties in the spring and summer of 2006.

Planned Removal Actions

- Remove interference such as trees, outbuildings, yard ornaments, etc.
- Excavate surface soil as necessary to remove all grids containing PCB's greater than 10 ppm and as necessary to achieve a yard-wide average of less than 2.0 ppm.
- Stage, transport and dispose of contaminated soil at a permitted facility.
- Backfill with clean sand to within 6" of surface, then with good quality, clean loam to grade and then hydro-seed the yards.
- Restore yard vegetation; shrubbery, trees.
- Continue use automated data systems as far as possible to support the project; including SCRIBE, Arcview GIS; etc.

Next Steps

Perform phase 3 removal action in spring/summer of 2006.

Replant trees and shrubs on phase 2 and 3 properties in summer 2006.

Complete project reports.

Key Issues

Use of electronic data deliverables provided for improved efficiency on the phase 3 SI data manipulation.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
PCB contaminated stumps debris, roots, discarded PPE and tarp debris containing non-TSCA, non-hazardous PCB's less than 50 ppm.	Estimated 150 tons	various, non-hazardous waste	WM/American Landfill, 7916 Chapel St SE, Waynesburg, OH 44688, (330.866.3265).
PCB contaminated soil	12,600 tons	various, non-hazardous waste	ESMI of New Hampshire Inc, 67 International Dr., Loudon, NH for thermal desorbition. Mill City Environmental, Lowell, MA was broker.
PCB contaminated soil. (greater than 50 ppm PCBs)	100 tons	MI9673775, MI9673782, MI9673780	Wayne Disposal landfill, 49350 North I-94 Service Dr., Belleville, MI 4811 by EQ Northeast & Providence & Worcester RR.
PCB contaminated roots & other debris. (Non-TSCA, non-hazardous less than 50 ppm PCBs.)	103 tons	various, non-hazardous	Turnkey Landfill, NH by Global Inc.

response.epa.gov/BaldwinvilleResidentialPropertiesMA