United States Environmental Protection Agency
Region I
POLLUTION REPORT

Date: Tuesday, September 6, 2005
From: Michael Barry

Subject: POLREP #5, Update
Baldwinville Residential Properties
4 Holman Street, Baldwinville, MA
Latitude: 42.6131000
Longitude: -72.0744000

POLREP No.:	5	**Site #:**	01BN
Reporting Period:	5/16/2005-9/6/2005	**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. 4, 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 is underway and is planned this fall or next spring, depending on weather conditions and plant availability, for the phase 2 properties.

$ Approximately 4000 tons of PCB contaminated soil <50 ppm PCB's from digging phase 2 properties has been shipped off-site; about 2000 tons remains on-site to be shipped.

$ A Preliminary Assessment (PA) was performed on an additional 50 properties and access letters have been sent to 30 of them to perform a Site Investigation in the fall of 2005.

$ An Action Memo has been submitted to EPA Headquarters, requesting to exceed 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

• Finish hydro-seeding and vegetation restoration of phase 1 & 2 properties.

• Finish T&D of all excavated soil.

• Perform the Phase 3 SI in the fall of 2005 and subsequent indicated removal in the spring/summer of 2006.

Key Issues

• Use of a modern, auto-injector capable field GC was key to obtaining quick, accurate sample results and supported the digging rate. Use of SCRIBE instrumental in handling large amount of project data.

• Use of SCRIBE and ARCGIS will be required to be more automated on phase 3 to allow more efficient data management.

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 that 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 desorbtion. 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 & Worceseter 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.