United States Environmental Protection Agency
Region I
POLLUTION REPORT

Date: Monday, May 16, 2005
From: Michael Barry

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

POLREP No.:	4	**Site #:**	01BN
Reporting Period:	2/18/2005-5/16/2005	**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

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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. Sampling at an additional 26 properties in 2004 indicated PCB concentrations above MADEP levels at an additional 22 properties.

For additional background information, please see the Action Memorandum

Current Activities

Current Activities
Since POLREP No. 3, the following work has been completed:

- ERRS contractor remobilized to the site on 21 March 2005 from winter shut-down.

- Loam backfill has been completed on all phase 1 properties that were previously dug and yards are prepped for hydro-seeding. 1 property remains to be dug from phase 1.

- Phase 2 PASI results have been reviewed and a report sent to the residents; of the 26 yards sampled, 22 have PCB concentrations greater than MA DEP limits and will require some removal.

- Digging of phase 2 yards started on 21 April 2005. Among the 22 yards to be dug an estimated 275-300 20'x20' grids will be removed for a total of about 4000 cubic yards, or 7000 tons.

- A public information meeting was held on Monday, 25 April 2005 to discuss project progress to date and provide information on the starting Baldwinville Paper Products Mill Removal Site Project.

Planned Removal Actions

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• 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
Next Steps

• Finish hydro-seeding and vegetation restoration of phase 1 properties concurrent with phase 2 yards digging.

• Dig phase 2 yards in Bridge/Winchester/Holman streets then move to Elm street yards.

• Backfill all yards dug with sand, loam and hydro-seed as concurrently as possible

• Concurrent T&D of all excavated soil.

• Complete vegetative inventories for phase 2 yards.

• Complete phase 1 yards restoration in spring of 2005, phase 2 yards in summer/fall of 2005.

• Phase 2 SI results indicate sampling of more yards is necessary to completely delineate the extent of PCB contamination. To determine which yards to sample and execute this follow phase 2 with new phase 3 removals.

Key Issues
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• START Contract expires 4/30/2005; to date there has not been a new contract award or current contract extension.

• Due to START contract expiring on 4/30/2005; a field GC through the START contract couldn't be procured. The EPA regional lab (NERL) is providing on-site GC analytical services until the new START contract is awarded.

• 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.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
PCB contaminated soil (non-TSCA, non-Haz, less than 50 ppm PCB's)	16,000 tons (approx max, 7500 tons shipped to date)	various	Thermal desorption to ESMI facility in Loudon, NH by Mill City Environmental, Lowell, MA (Broker)
PCB contaminated soil (greater than 50 ppm PCB's)	Approx 100 tons	MI9673782, MI9673775, MI9673780	Landfilled at Wayne Disposal Inc, 49350 N. I-94 Sevice Drive, Belleville, MI, 48111 via Providence & Worcester RR via EQ Northeast, Inc.
PCB contaminated roots, other yard debris	100 tons	various	Turnkey Landfill, NH by Global Inc.

response.epa.gov/BaldwinvilleResidentialPropertiesMA