

**United States Environmental Protection Agency  
Region I  
POLLUTION REPORT**

**Date:** Friday, November 18, 2005

**From:** Frank Gardner

**To:** Polrep Distribution, USEPA-Region 1                      Ted Bazenas, US EPA Region 1  
Carol Tucker, US EPA Region 1                                      Bryan Olson, US EPA Region 1  
Meghan Cassidy, US EPA Region 1

**Subject:** Wells G&H Site - Olympia Property  
60 Olympia Avenue, Woburn, MA  
Latitude: 42.4947190  
Longitude: -71.1308390

<b>POLREP No.:</b>	15	<b>Site #:</b>	0146
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>	3/28/2003	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	3/28/2003	<b>Response Type:</b>	Time-Critical
<b>Demob Date:</b>		<b>NPL Status:</b>	NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>	MAD980732168	<b>Contract #</b>	
<b>RCRIS ID #:</b>			

**Site Description**

The Wells G & H Superfund Site covers approximately 330 acres in Woburn, Middlesex County, Massachusetts. The Site includes the aquifer and land area located within the zone of contribution to the City of Woburn's two municipal drinking water wells known as Wells G & H. The Olympia Property is one of the five primary source areas of contamination within the Federal Superfund Site.

At a former drum disposal area at the Site, PCB-contaminated surface soils posed a direct contact threat and TCE-contaminated subsurface soils are acting as a continuing source of ground water contamination. See previous polreps for additional background information.

**Current Activities**

The Olympia Nominee Trust (Olympia) has been identified as a potentially responsible party (PRP) as the owner of the site. Olympia is performing the removal action under an Administrative Order on Consent (AOC) issued by EPA. In order to remove TCE contamination from subsurface soils at the Site, Olympia has designed and built an in situ permanganate injection treatment system. See previous polreps for prior activities conducted by Olympia.

Olympia continues to operate the in situ treatment system. Olympia conducted the fourth injection on October 13, 2005, the fifth injection on November 3, 2005, and the sixth injection on November 10, 2005. Approximately 1,000 gallons of sodium permanganate solution were injected each time. A total of 6,397 gallons of sodium permanganate solution has been injected to date. Ground water monitoring is being conducted concurrently to measure the effectiveness of the treatment as the injection events progress. No DNAPL was observed or recovered during this period.

**Planned Removal Actions**

Planned removal activities include the continued operation of the in situ treatment system and monitoring to ensure compliance with cleanup standards established in the Record of Decision (ROD).

**Next Steps**

Olympia plans to conduct the seventh and eighth injections before the end of December 2005. Further injections beyond that time will be conducted on an as-needed basis to achieve the cleanup standards established in the ROD.

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				

ERRS - Cleanup Contractor	\$1,500,000.00	\$0.00	\$1,500,000.00	100.00%
RST/START	\$100,000.00	\$44,550.00	\$55,450.00	55.45%
<b>Intramural Costs</b>				
USEPA - Direct (Region, HQ)	\$100,000.00	\$52,000.00	\$48,000.00	48.00%
<b>Total Site Costs</b>				
	\$1,700,000.00	\$96,550.00	\$1,603,450.00	94.32%

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

[response.epa.gov/WellsGandHOlympia](http://response.epa.gov/WellsGandHOlympia)

POLREP #15 Last Updated 11/29/2005