

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

**Date:** Tuesday, August 16, 2005

**From:** Frank Gardner

**To:** Polrep Distribution, USEPA-Region 1      Ted Bzenas, 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>	13	<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. See previous polreps for prior activities conducted by Olympia.

Olympia completed the installation and setup of the in situ permanganate injection treatment system during the spring of 2005. During the April 2005 baseline monitoring event, Olympia encountered trichloroethylene in dense non-aqueous phase liquid (DNAPL) form in several of the monitoring and injection wells.

Per EPA's request, Olympia postponed the first permanganate injection to allow time for recovery of this DNAPL. Olympia has used bailers and sorbents to recover DNAPL from these wells since that time, with approximately 6 gallons recovered to date. On August 3, 2005, EPA met with representatives of Olympia at the Site to discuss site conditions, the status of DNAPL recovery efforts, and the project schedule. It was agreed that the bulk of the recoverable DNAPL had been removed and that Olympia could now move ahead with the permanganate injection process.

#### **Planned Removal Actions**

Planned removal activities include operation of the in situ treatment system and monitoring to ensure compliance with cleanup standards established in the Record of Decision (ROD). If additional DNAPL is encountered, Olympia may be able to recover it concurrent with permanganate injection activities.

#### **Next Steps**

The first injection of the permanganate reagent is scheduled to take place in late August 2005.

#### **Estimated Costs \***

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	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
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	\$50,000.00	\$50,000.00	50.00%
<b>Total Site Costs</b>				
	\$1,700,000.00	\$94,550.00	\$1,605,450.00	94.44%

\* 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)

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