

United States Environmental Protection Agency
Region I
POLLUTION REPORT

Date: Tuesday, August 16, 2005

From: Frank Gardner

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

POLREP No.:	13	Site #:	0146
Reporting Period:		D.O. #:	
Start Date:	3/28/2003	Response Authority:	CERCLA
Mob Date:	3/28/2003	Response Type:	Time-Critical
Demob Date:		NPL Status:	NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	MAD980732168	Contract #	
RCRIS ID #:			

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.

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