

United States Environmental Protection Agency
Region I
POLLUTION REPORT

Date: Friday, June 20, 2008

From: Frank Gardner

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

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|--------------------------|--------------|----------------------------|----------------|
| POLREP No.: | 26 | Site #: | 0146 |
| Reporting Period: | Spring 2008 | 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 acted 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 address TCE contamination in subsurface soils at the Site, Olympia has installed and is now operating an in situ permanganate injection treatment system. See previous polreps for prior activities conducted by Olympia.

Olympia has completed ten rounds of permanganate injection from September 2005 to September 2007. Over 12,000 gallons of sodium permanganate solution (various concentrations) have been injected into the treatment area to date. Ongoing ground water monitoring indicates that the permanganate reagent has been delivered throughout much of the treatment cell. The tenth injection event, conducted May 20-22, 2008, focused on an area of lower permeability soils within the cell and included pressure injections into existing injection wells and targeted injections via direct-push soil borings.

Olympia is also assessing the extent of a TCE plume in the downgradient area between the cell and the Aberjona River. Olympia conducted a subsurface investigation event during the week of June 9, 2008. This investigation included a combination of soil borings, headspace screening, and ground water sampling.

Planned Removal Actions

Planned removal activities include continued monitoring to ensure compliance with cleanup standards established in the Record of Decision (ROD). Future injections will be conducted on an as-needed basis to achieve the cleanup standards.

Next Steps

Olympia and EPA plan to meet in late June to evaluate the effectiveness of the tenth injection event and discuss plans for future injections.

