

# SUPERFUND

## Fact Sheet

### WYCKOFF/EAGLE HARBOR SUPERFUND SITE

Bainbridge Island, Washington



U.S. ENVIRONMENTAL PROTECTION AGENCY

November 2002

## Steam Cleaning Begins!

September 16 marked the first day of testing of the new steam injection treatment technology. Equipment testing is continuing and no major problems have been encountered or are anticipated. Steam is now being continuously injected into the 1-acre pilot area. Very little noise and odor is expected during the year-long operation of this pilot project.

Steam is being injected 20 to 40 feet deep into the ground in one portion of the site, called the pilot area. The steam will help liquify contaminants, which will then be extracted. EPA expects to run the test system for about a year. If the test is successful, this steam injection process could be used to clean up soil and groundwater throughout the former process area of the Wyckoff site. Visit the photo gallery on EPA's Wyckoff website at [www.epa.gov/r10earth](http://www.epa.gov/r10earth) (*click on Index, click on W for Wyckoff*) to see photos of steam in action.

## Wyckoff Project Checkup Shows Good Results

EPA's final **Five Year Review Report** is now available. EPA began its five year review of the site earlier this year. This review was designed to make sure the cleanup at this contaminated site is effective, and that people and the environment are protected as work continues. Cleanup of both Eagle Harbor and the former Wyckoff property were included in this comprehensive review.

The "checkup" found that the immediate threats have been addressed. It also found that cleanup remedies in place are functioning as designed. However, some issues remain and followup action will be taken (*see box on page 2 for a partial snapshot*). A complete summary of recommendations and follow-up actions can be found on pages 79 and 80 of the report.

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### **5 Year Review Summary Findings**

- continuing contaminant seeps in the area of the old landfill near the ferry terminal
- remaining contamination on the beach east of the Wyckoff site
- localized contamination on the underwater cap near the Wyckoff site
- existing treatment system nearing the end of its service life
- the need for more evaluation of the protective aquitard under the Wyckoff site to protect the lower aquifer

The final Five Year Review Report is available for review at the Bainbridge Island Library, and posted on the EPA web site at <http://yosemite.epa.gov/r10/cleanup.nsf/sites/wyckoff/#doc>.

### **City Receives Support to Plan Future Site Use**

The City of Bainbridge recently received \$50,000 in contract support from EPA to help them plan for future redevelopment of the Wyckoff Site, under EPA's Superfund Redevelopment Initiative. The Initiative is a coordinated national effort to facilitate the return of the country's most hazardous waste sites to productive use.

While EPA's primary mission is to protect human health and the environment, Superfund cleanups have also been instrumental in returning contaminated sites to productive use. This initiative gives communities the best opportunity to realize productive futures for sites that have been made safe. The City will use the Superfund redevelopment support to identify and plan for anticipated future uses of the Wyckoff site.

For more information, contact Libby Hudson, Associate Planner, City of Bainbridge Island, at 206/842-2552.

### **Local Community Group ABC Recognized**

**The Association of Bainbridge Communities (ABC)** has received the **2002 Citizen Excellence in Community Involvement Award** from EPA. ABC is recognized as "an exceptionally dedicated, well-informed, and well-organized group of residents working together with local, state and federal officials to ensure a safe and timely cleanup." EPA commends ABC for its commitment and dedication to the residents of the community around the Wyckoff/Eagle Harbor Superfund site. Congratulations!

## Staffing Changes In the Works

With the completion of harbor capping, beach creation, and the new pilot steam plant construction, both **Hanh Gold** and **Ken Marcy** are now moving on to other projects at EPA. **Mary Jane Nearman** will now serve as the Project Manager for the entire Wyckoff/Eagle Harbor site. Mary Jane has been with EPA for many years, and brings extensive experience managing complex Superfund sites. Ken and Hanh will work closely with Mary Jane during the transition time. Thank you, Ken and Hanh, for all your very important work and dedication over the last several years. And, Mary Jane, welcome.

Andrea Lindsay will continue to serve as the site's Community Involvement Coordinator. Phone numbers are listed under Contacts.

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### Site Background

EPA listed Wyckoff/Eagle Harbor as a Superfund site in 1987. The former Wyckoff wood treating facility, located at the mouth of Eagle Harbor on Bainbridge Island, operated from the very early 1900's to 1988. Soils at the facility, and groundwater beneath the facility, are severely contaminated. Contaminants include creosote and other wood treatment compounds. About 1 million gallons of creosote product remain in the site's soil and groundwater. These contaminants pose a risk to public health and the environment.

A groundwater extraction and treatment system has been operated on site since 1990. However, contaminants were still moving into the marine environment until a sheet pile wall was installed in 2001. EPA is testing thermal treatment technologies to clean up remaining soil and groundwater contamination.

In Eagle Harbor, bottom sediments were severely contaminated with chemicals from wood-treating and shipyard operations. A public health advisory recommends against eating fish and shellfish from the harbor. From 1993 to 2002, contaminated sediments in various locations were capped with clean material.

### For More Information

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**Toll-Free Telephone Number**  
1-800-424-4372

**EPA Web Site:**  
[www.epa.gov/r10earth/](http://www.epa.gov/r10earth/)  
click on "Index"  
click on "W" for Wyckoff

**Documents:** The Administrative Record is a file that contains all information used by EPA to make decisions on the cleanup actions from the beginning of the site's history. The Administrative Record can be reviewed at the EPA Records Center, 7th Floor, 1200 Sixth Avenue, Seattle. Call 206/553-4494 to make an appointment. Select documents can be viewed at the Information Repository located at the Bainbridge Island Public Library, 1270 Madison Avenue North. If the library does not have the document you need, feel free to call Andrea Lindsay, EPA Community Involvement Coordinator, at (206) 553-1896.

*Additional services can be made available to persons with disabilities by calling EPA toll-free at 1-800-424-4372.*