

Investigation and Cleanup Documents Available for Public Review and Comment



A PUGET SOUND INITIATIVE Site

Reaching the goal of a healthy, sustainable Puget Sound.

Ecology Wants Your Input!

The Department of Ecology is asking for your comments on plans to clean up a site in Port Gardner Bay. The Bay Wood Products Site is one of several sites within Port Gardner Bay that Ecology is cleaning up. The Site is generally located at 200 West Marine View Drive in Everett, Snohomish County, WA. This is just west of the Legion Memorial Golf Course, on the Snohomish River waterfront in western Everett. Port Gardner Bay is one of several embayments in Puget Sound that Ecology is studying and cleaning up under the state's Puget Sound Initiative.

You are invited to comment on the following document:

- **Draft Remedial Investigation/Feasibility Study (RI/FS)**

Ecology will accept comments from *June 2 through July 5, 2011*. See the box on the right for details about where to review the document and submit comments.

Site Background

Bay Wood Products is located on fill that was placed in Port Gardner Bay. Lumber and mill operations began on this Site around 1936. In 1979, Bay Wood Products, Inc. removed the sawmill and used the Site for log handling and storage until 1994. Site features during Bay Wood Products operations included office and shop buildings, a covered shed, oil drums, electrical transformers, above-ground fuel storage tanks, and log rafts. These features have been removed, and the Site is currently vacant.

Polychlorinated biphenyls (PCBs) and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) have been found on the Site in

Comments Invited

June 2 through July 5, 2011

Submit Comments and Technical Questions to:

Isaac Standen - Site Manager
WA Department of Ecology
Toxics Cleanup Program
P.O. Box 47600
Olympia, WA 98504-7600
Phone: (360) 407-6776
E-mail: Isaac.Standen@ecy.wa.gov

Document Review Locations

Everett Public Library

2702 Hoyt Avenue
Everett, WA 98201
Phone: (425) 257-8000
Hours: Mon – Wed 10 am - 9 pm
Thurs – Sat 10 am - 6 pm
Sun 1 - 5 pm

WA Department of Ecology

Headquarters

300 Desmond Drive SE
Lacey, WA 98503

By appointment only:

Contact Carol Dorn
Carol.Dorn@ecy.wa.gov or
(360) 407-7224

Ecology's Toxics Cleanup Website

http://www.ecy.wa.gov/programs/tcp/sites/bayWoodProd/bayWood_hp.htm

Facility Site ID #: 4438651

Bay Wood Products Site

upland soil. In addition, wood waste was found in upland soils and in adjacent in-water areas (imbedded in the sediments). Wood waste can smother near-shore habitat and animals such as clams, and can cause changes in water chemistry that can harm marine and sediment ecosystems.

PCB-contaminated soil was removed from the Site in 1985 and 1993, and much of the wood waste accumulated in the upland area was removed in 1995.

Draft Remedial Investigation/ Feasibility Study

The Draft RI and FS were combined into one report for the Bay Wood Products Site. The report was prepared by the Port of Everett under an Agreed Order (legal agreement) with Ecology. The report describes *exposure pathways*, or how contaminants move through upland soil, groundwater, and sediment, and how human health and the environment may be affected. Information about the amount and location of contaminants along with exposure pathways were used to identify *cleanup alternatives* for the Site.

Overview of the Remedial Investigation

The RI describes the contamination in upland soil, groundwater, and sediments in and surrounding the Site, and determines whether there is a significant threat to human health or the environment. RI results are discussed below.

Soil – Results indicate that soil in the upland portion of the Site has levels of carcinogenic polycyclic aromatic hydrocarbons (cPAHs) above cleanup levels. Contaminants were not found in the native or fill soil, but at two soil stockpile locations at the Site. Previous removal of PCB-contaminated soil was successful, and there were no other

contaminants of potential concern (COPCs) in upland soils.

Groundwater – Results indicate that groundwater in the upland portion of the Site has no COPCs.

Sediment – Chemical tests indicate that marine sediments at the Site do not have elevated concentrations of any chemical contaminants (i.e., exceeding Ecology's Sediment Management Standards (SQS)). However, biological tests indicate surface sediments at a single location near the Site's northeastern shoreline exceed SQS biological criteria. This in-water portion of the Site is designated as sediment management unit 1 (SMU-1) for cleanup alternative analysis in the FS (see Figure 2). SMU-1 coincides with areas identified as being of potential concern for wood waste.

Overview of the Feasibility Study

The purpose of the FS is to evaluate potential cleanup action alternatives and recommend a preferred cleanup action. This Draft FS addresses cleanup options for both upland and in-water portions of the Bay Wood Products Site.

Information from the RI about the amount and location of contaminants is used to understand potential risks and identify cleanup alternatives. Alternatives may include contaminant removal, capping and/or institutional controls to reduce exposure, and they may be used in different combinations. Long-term monitoring will be part of the remedy to ensure cleanup achieves its goals.

Based on the results of the RI, three cleanup action alternatives were identified and evaluated (based on regulatory criteria) to address risk on the upland portion of the Site. Additionally, three cleanup action alternatives

Bay Wood Products Site

were identified and evaluated to address risk on the in-water portion of the Site.

The preferred alternatives identified by Ecology include the following:

Upland Cleanup Alternative 3 – Alternative 3, excavation and off-site disposal, was selected as the preferred alternative for the upland portion of the Site and would include the following measures:

- Excavate soil containing cPAHs above cleanup levels
- Dispose of contaminated soil offsite
- Install construction erosion control measures
- Hydroseed the excavated area to protect against erosion

In-Water Cleanup Alternative 2 – Alternative 2, dredge and cap, was selected as the preferred alternative for the in-water portion of the Site and would include the following measures:

- Excavate and dredge approximately 3,300 cubic yards of sediment in SMU-1
- Place an engineered cap to confine remaining wood waste on the Site
- Manage the dredged material and reuse as topsoil on the Site

These preferred alternatives are protective of human health and the environment, make up a permanent solution that can be completed in a reasonable timeframe, and address public concerns at the Site.

Why This Cleanup Matters

Protecting and restoring Puget Sound

Governor Chris Gregoire and the Washington State Legislature established the Puget Sound Initiative to protect and restore Puget Sound.

Seven embayments in Puget Sound have been identified as high-priority cleanup areas as part of this Initiative, including Port Gamble, Dumas Bay, Padilla and Fidalgo Bays, Port Angeles, Budd Inlet, and Port Gardner Bay. Combined, this work includes cleaning up 50-60 sites within one-half mile of the Sound. One of these is the Bay Wood Products Site. These cleanup actions will help to reduce pollution and restore habitat and shorelines in Puget Sound.

For more information about other cleanup sites: http://www.ecy.wa.gov/programs/tcp/sites/sites_information.html

What Happens Next?

Once the public comment period ends on July 5, Ecology will review and consider all comments. Cleanup documents may be modified based on your comments. The Public Participation Plan for this Site is updated and has more information about the cleanup process and how you can get involved. Ecology will notify you about future cleanup work and public comment periods.

For information about other Ecology public comment periods, meetings, and other events, please visit Ecology's public events calendar at: <http://apps.ecy.wa.gov/pubcalendar/calendar.asp>.

What can you do?

1. Read about the cleanup in this handout.
2. To get more detailed information, review the supporting documents at the locations listed on page one.
3. Write down your comments and questions. Send them to the Department of Ecology at the address shown on page one.

We appreciate your comments and concerns.
Thank you.

Bay Wood Products Site



Figure 1. The Bay Wood Products Site is located at 200 West Marine View Drive on Port Gardner Bay in Everett, WA. (Figure 1-1 from the RI/FS)



Figure 2. Parcel map of the Bay Wood Products Site and approximate location of the sediment management unit (SMU-1) in the in-water portion of the Site. (Modified Figures 1-2 and 11-1 from the RI/FS)



DEPARTMENT OF
ECOLOGY
State of Washington

Toxics Cleanup Program
PO Box 47600
Olympia, WA 98504-7600

Bay Wood Products Site, Everett Snohomish County, WA

Ecology Seeks Public Comment on Draft Site Investigation Documents

Public Comment Period:
June 2 through July 5, 2011

Facility Site ID #: 4438651

Help with other formats?

If you need this document in a format for the visually impaired, call the Toxics Cleanup Program at (360) 407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call (877) 833-6341.