



DEPARTMENT OF
ECOLOGY
State of Washington

PUBLIC PARTICIPATION PLAN

**Hardel Mutual Plywood
1210 West Bay Drive NW
Olympia, Washington**

Prepared by
Washington State Department of Ecology
Southwest Regional Office
Toxics Cleanup Program
300 Desmond Drive
Olympia, Washington 98504-7775

April 2007
Updated March 2012

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INTRODUCTION

Public participation plans promote meaningful involvement during cleanups. This plan describes the tools the Washington State Department of Ecology (Ecology) will use to inform the public about the Hardel Mutual Plywood site.

Site Location

The Hardel Mutual Plywood site is located at 1210 West Bay Drive NW in Olympia. The site is about 17.8 acres and extends from the railway right-of-way along West Bay drive east into intertidal and subtidal areas of Budd inlet (see Figure 1 on page 8).

SITE BACKGROUND

Hardel operated as a plywood manufacturing business from 1951 until 1996. The company ceased operations in Olympia after a fire severely damaged buildings on site. Those buildings have since been removed.

Historical site activities resulted in the release of petroleum products to soil and groundwater. Investigations at the site in 2004 confirmed presence of contamination, including:

- Heavy oil and diesel petroleum in groundwater and soil.
- Free floating petroleum product on the west side of the property.
- Polycyclic aromatic hydrocarbons in soil (north area of property) and in groundwater (south area of property).

During site investigations, Hardel found some dioxins and phthalates in Budd Inlet sediments. However, they do not appear to be from operations at the Hardel property. Hardel also found woody debris in sediments.

In 2007, Ecology entered into an Agreed Order with Hardel to begin cleanup. The agreement required Hardel Mutual Plywood (Hardel) to do:

- A remedial investigation to determine the nature and extent of contamination.
- Interim actions to remove free product and reduce contamination and risk to human health and the environment.
- A feasibility study to identify and evaluate cleanup alternatives.

Hardel completed a Remedial Investigation (RI) in 2007. Two areas of concern were identified for both soil and groundwater. A supplemental investigation revealed that contamination was moving in groundwater towards Budd Inlet.

Hardel conducted a Feasibility Study in 2009 and examined possible cleanup actions. In order to immediately address contamination and to prevent contamination from reaching Budd Inlet, Hardel proposed an interim action (partial cleanup).

In 2010, Ecology held a public comment period and approved the interim action. It included:

- Removing and crushing concrete building foundations. Hardel kept clean concrete to use as fill material.
- Removing contaminated soil and filling the areas with clean soil. Hardel then covered the property with one foot of clean recycled crushed concrete.
- Removing free-floating contaminants.
- Sampling soil to make sure all contaminated soil was removed.

See Figure 2 on page 9 for a map of cleanup actions. After completing the interim action, Hardel sampled groundwater for one year. Since they found no contaminants above cleanup levels, Ecology considers the cleanup to be complete.

CURRENT ACTIVITY

Ecology is holding a public comment period on:

- The **Remedial Investigation (RI) Report**—Describes the nature and extent of contamination.
- The **Feasibility Study (FS)**—Describes supplemental investigations and evaluates cleanup options.
- The **Draft Cleanup Action Plan (draft CAP)**—Describes cleanup options, how they meet Ecology’s cleanup standards, and how the site was cleaned up. Under the draft CAP, Hardel will not need to do more groundwater monitoring, soil cleanup, or sediment investigations.

After the comment period, Ecology will:

- Review and consider all comments we received during the comment period.
- Respond to comments in a responsiveness summary. We will send this document to those who commented and post it online.
- Finalize the CAP. If needed, we will make changes to the draft CAP based on comments.
- Remove the site from the Hazardous Sites List. We will hold a public comment period before removing the site from the list.

MODEL TOXICS CONTROL ACT CLEANUP STAGES

The Model Toxics Control Act (MTCA) defines each stage of the cleanup process to protect human health and the environment. Each stage has a related report or plan that the public is welcome to review and comment on.

Remedial Investigation & Feasibility Study (RI/FS) - The RI looks at the extent and type of pollution on the site. It also looks at possible human health and environmental impacts. The FS identifies and evaluates different cleanup options.

Interim Actions - Ecology may allow Interim Actions to partly clean up a site before the final cleanup plan is complete.

Cleanup Action Plan (CAP) - The CAP describes the cleanup methods and how they will meet Ecology’s cleanup standards.

Cleanup - Cleanup removes contaminants from the site, contains them on the site, or treats them to make them less toxic. Based on the information in the RI/FS, Ecology will select a cleanup action and develop a new legal agreement for Hardel to conduct a cleanup. The CAP will require a public comment period.

Delisting - Ecology keeps track of toxic cleanup sites on the Hazardous Sites List. Once cleanup is complete, the public will have a chance to comment before Ecology takes a site off the list.

You can find more information about toxic cleanups on Ecology's website:

http://www.ecy.wa.gov/programs/tcp/cu_support/cu_process_steps_defns.htm

PUBLIC PARTICIPATION ACTIVITIES AND RESPONSIBILITIES

The purpose of this Public Participation Plan is to promote public understanding and participation in the cleanup. This section of the plan describes how Ecology will share information and receive public comments on cleanup activities. Ecology will use the following public involvement activities during the Hardel site cleanup.

Formal Public Comment Periods

Comment periods are the primary method Ecology uses to get feedback from the public on proposed cleanup decisions. Comment periods usually last 30 days. WAC 173-340-600 requires them at key points during the investigation and cleanup process, before final decisions are made. During a comment period, the public can comment in writing. Ecology can only take verbal comments during a public hearing.

After comment periods, Ecology reviews all comments and may respond in a document called a responsiveness summary. Ecology considers whether a document or decision needs to be changed or revised based on public input. If there are major changes, Ecology may hold a second comment period. If there are no major changes, Ecology finalizes the draft document(s).

Public Meetings and Hearings

Ecology may hold public meetings at key points during the investigation and cleanup. Ecology also may offer public meetings for actions expected to be of particular interest to the community. Ecology will also hold a public meeting if ten or more people request one. These meetings will be at places and times convenient to the public.

Information Repositories

These are places where the public can read and review site information, including public comment period documents. The information repositories for this site are:

- Washington State Department of Ecology, 300 Desmond Dr., Lacey 98503. Please call (360) 407-6365 for an appointment.
- Timberland Olympia Library, 313 8th Avenue SE, Olympia 98501. Phone (360) 352-0595
- Ecology's website: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3704>

Site Register

Ecology's Toxics Cleanup Program uses its bimonthly Site Register to announce public meetings and comment periods, and many other activities. To receive the Site Register by e-mail, contact Seth Preston at (360) 407-6848 or Seth.Preston@ecy.wa.gov. You can also read it on Ecology's website at http://www.ecy.wa.gov/programs/tcp/pub_inv/pub_inv2.html.

Mailing list

Ecology has compiled a list of interested parties and organizations and residents living in proximity to the cleanup site. This list will be used to disseminate information via mail (fact sheets, site updates, public notices). If you would like to be added to the mail list, please contact Diana Smith at (360) 407-6255 or Diana.Smith@ecy.wa.gov.

Fact Sheets / Updates

Ecology will mail out fact sheets to people and groups interested in this cleanup. Fact sheets will announce comment periods and public meetings. Ecology may also mail fact sheets with updates on cleanup progress.

Newspaper Display Ads

Ecology will place ads in *The Olympian* to announce public comment periods and public meetings or hearings for this site.

Ecology Web Site

Information related to this site and materials available for public comment will be posted on Ecology's web site at <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3704>.

Plan Update

Ecology may update this Public Participation Plan as the project moves forward. The public will have a chance to comment on any major changes to the plan.

Public Participation Grants

As part of the Model Toxics Control Act, Ecology developed a public participation grant program to promote public participation during cleanups. Public participation grants provide funding to community groups to help involve the public in the investigation and cleanup of contaminated properties. The grants also help develop and carry out programs that promote the state's solid or hazardous waste management priorities.

For cleanup sites, non-profit groups or groups of three or more unrelated individuals can apply for grants to fund outreach and education efforts for the community that is impacted by the cleanup. Past projects have helped people understand the cleanup and how to comment on cleanup proposals during public comment periods. Grant funds may be used to pay for technical experts who help people understand cleanup issues. They can also be used to hold meetings, workshops and other events that help to inform people. In addition, printing and distribution of reports, brochures and other materials may be covered.

For more information about this grant program, visit <http://www.ecy.wa.gov/programs/swfa/grants/ppg.html>.

Contacts

If you have questions or need more information about this plan or the Hardel cleanup site, please contact:

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Figure 1. Hardel Mutual Plywood site

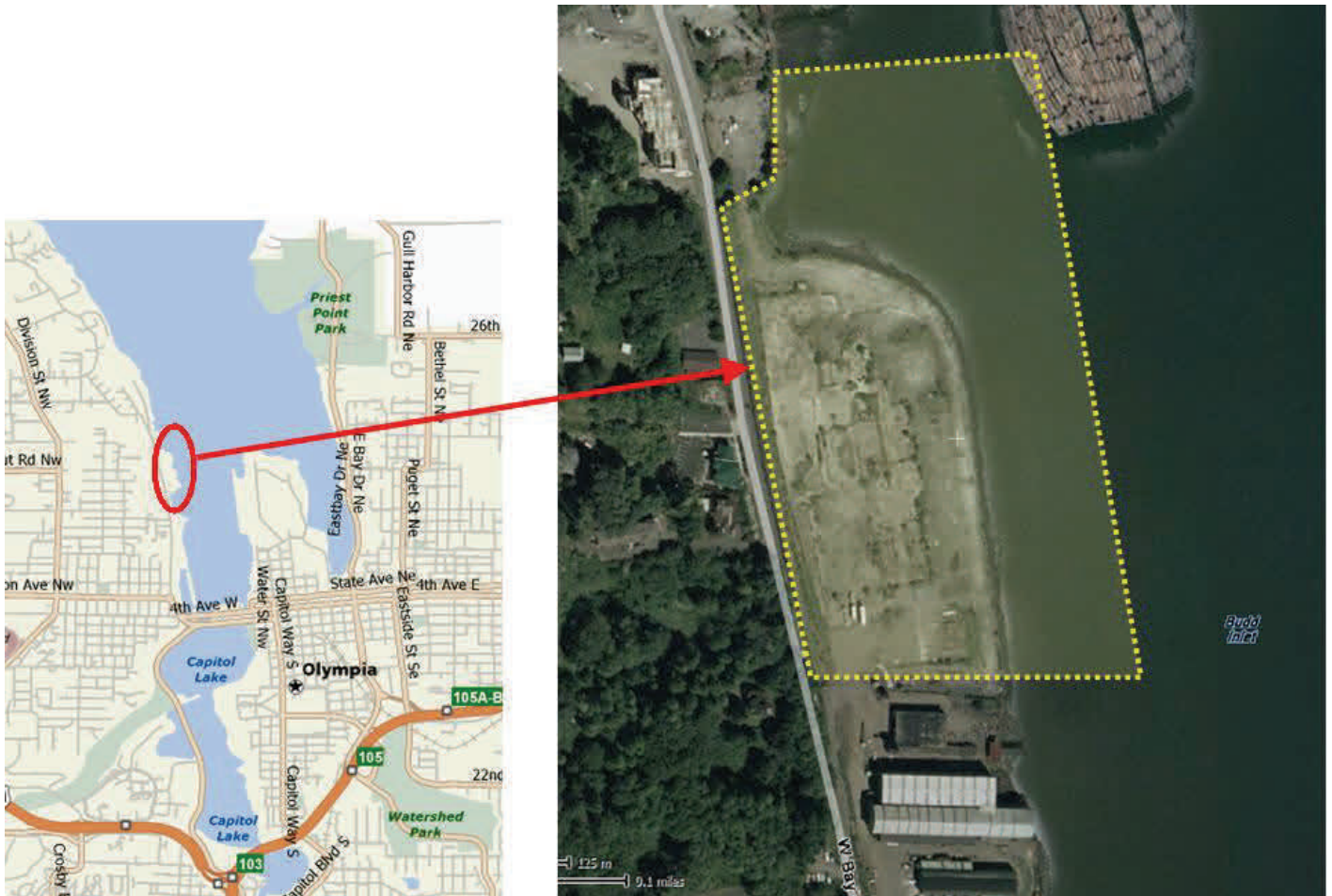


Figure 2. Cleanup Actions at Hardel Mutual Plywood Site

