

*A preview of the soon-to-be released
document:*

Protection of Marine Riparian Functions in Puget Sound, Washington



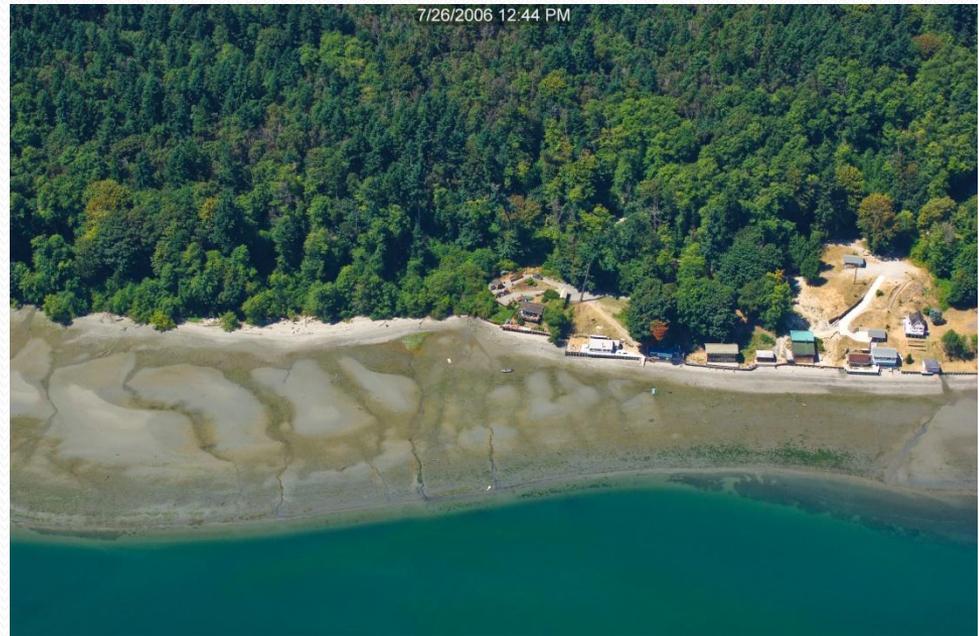
Winter Shoreline Planners Coordination Meeting
1-28-10 Tukwila, WA

Protection of Marine Riparian Functions in Puget Sound, Washington

- Produced by Washington Sea Grant under contract to WDFW & guided by subcommittee of interagency Aquatic Habitat Guidelines (AHG) Working Group
- Informed by Technical Workshop convened 11/19/2008
- Reviewed by state agencies through AHG Working Group
- Reviewed by local and tribal scientists

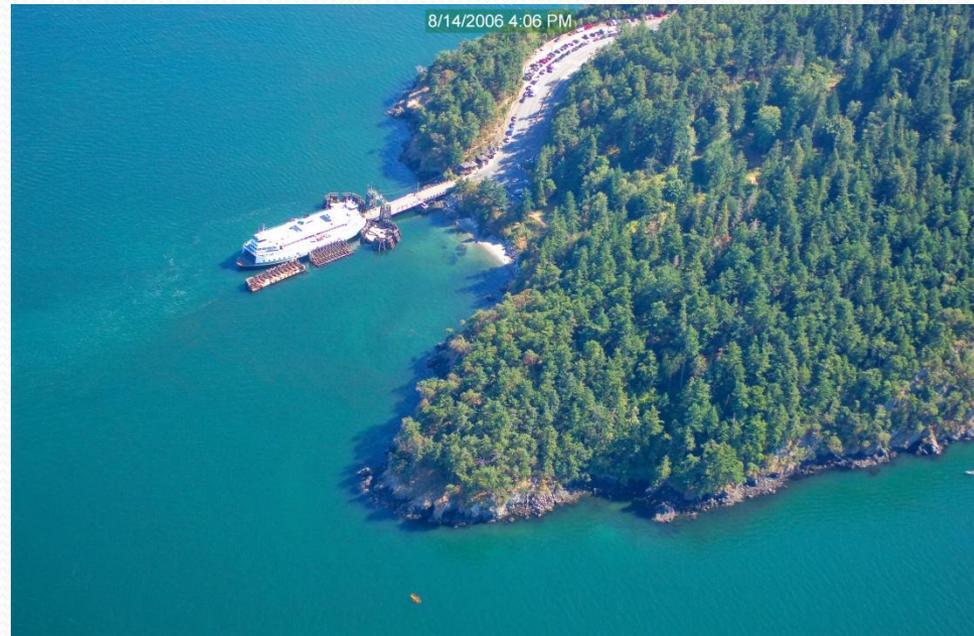
Protection of Marine Riparian Functions in Puget Sound, Washington

Contains a literature review and synthesis of scientific and technical information on riparian areas and summarizes recommendations to help protect marine riparian functions from typical types of human activities.



Contents

- Introduction
- Description of the methodology used to compile information
- Overview of the importance of marine riparian areas
- Overview of physical and ecological attributes of Puget Sound shorelines



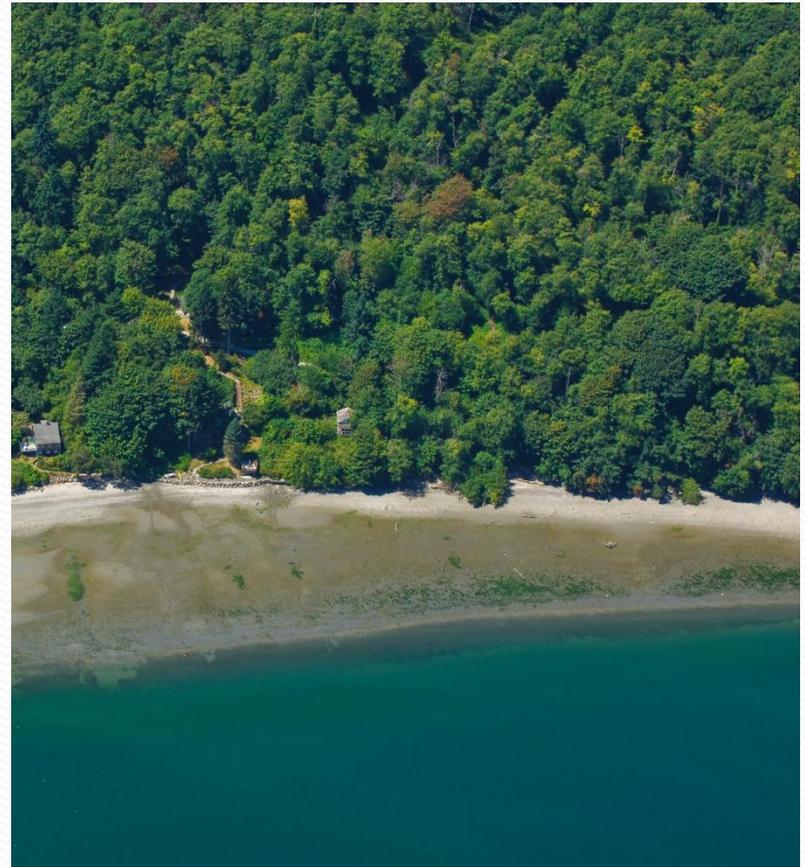
Contents (continued)

- Description of the seven riparian functions selected for review and recommendations for protecting these functions
- Description of impacts to riparian functions from activities associated with urbanization, agriculture and forest practices
- Summary of recommendations to protect and minimize disturbance to marine riparian functions



The document is focused on the following seven riparian functions:

- Water quality
- Fine sediment control
- Shade/microclimate
- Large woody debris (LWD)
- Litter fall/allochthyanous inputs
- Wildlife
- Hydrology/slope stability



Appendices

Table showing summary of buffer recommendations for each buffer function from selected review documents.

- Study
- Year
- Study type
- Basis for Buffer Recommendation
- Buffer Composition
- Buffer Range
- Minimum Buffer Width Recommendation
- Key comments and findings

Appendices (continued)

- Summary table of buffer width recommendations from reviewed literature
- Table showing literature summary documenting the impacts of urbanization, agriculture, and forest practices on riparian functions
- Marine Riparian Technical Review Workshop Proceedings



All this (and more!)
will be available soon
on the web at:

http://wdfw.wa.gov/hab/ahg/

The screenshot shows a web browser window with the address bar displaying <http://wdfw.wa.gov/hab/ahg/>. The page title is "WDFW -- Aquatic Habitat Guidelines: An Integrated Approach to Marine, Freshwater, and Riparian". The main content area features the Washington Department of Fish and Wildlife logo and the heading "Habitat Technical Assistance". Below this is a green box with the text "Aquatic Habitat Guidelines: An Integrated Approach to Marine, Freshwater, and Riparian Habitat Protection and Restoration". A sidebar on the left contains a list of links: [AHG Home](#), [What is AHG?](#), [Guidelines Subjects](#), [White Paper Subjects](#), [Document, Publication, and Workshop Notice](#), [Mailing list](#), [Links and References](#), [Steering Committee](#), [SHRG Stream Habitat Restoration Guidelines](#), and [ISPG Integrated Streambanks Protection Guidelines](#). The main content area includes a section titled "Aquatic Habitat Guidelines (AHG) Program Description" with a paragraph of text. Below this are three boxes for "Design of Road Culverts for Fish Passage", "Stream Habitat Restoration Guidelines (SHRG)", and "Integrated Streambank Protection Guidelines (ISPG)", each with a "Download PDF version" link. At the bottom, there are two more boxes: "Protecting Nearshore Habitat and Functions in Puget Sound, An Interim Guide" and "Land Use Planners Guide to Salmonid Protection and Recovery", both with "Download PDF version" links. The taskbar at the bottom shows the Start button, several open applications, and the system clock at 10:10 AM.

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
Habitat Technical Assistance

Aquatic Habitat Guidelines: An Integrated Approach to Marine, Freshwater, and Riparian Habitat Protection and Restoration

Aquatic Habitat Guidelines (AHG) Program Description
In 1999, the governor's Salmon Recovery Office commissioned the Departments of Fish and Wildlife (WDFW), Ecology, and Transportation (WSDOT) to develop technical assistance guidance for those who want to protect and restore salmonid habitat. The scope of the program has recently broadened and now includes the promotion, protection, and restoration of fully functioning marine, freshwater, and riparian habitat through comprehensive and effective management of activities affecting Washington's aquatic and riparian ecosystems. Participation in the project has also expanded with the addition of the Washington Department of Natural Resources (DNR), Interagency Committee for Outdoor Recreation (IAC), the United States Army Corps of Engineers (USACE) and the United States Fish and Wildlife Service (USFWS) to the list of contributing agencies.

[AHG Home](#)
[What is AHG?](#)
[Guidelines Subjects](#)
[White Paper Subjects](#)
[Document, Publication, and Workshop Notice](#)
[Mailing list](#)
[Links and References](#)
[Steering Committee](#)
[SHRG Stream Habitat Restoration Guidelines](#)
[ISPG Integrated Streambanks Protection Guidelines](#)

Design of Road Culverts for Fish Passage
Download [PDF version](#)

Stream Habitat Restoration Guidelines (SHRG)
[Order it](#) or Download it from the [SHRG page](#)

Integrated Streambank Protection Guidelines (ISPG)
[Order it](#) or Download it from the [ISPG page](#)

Protecting Nearshore Habitat and Functions in Puget Sound, An Interim Guide
Download [PDF version](#)

Land Use Planners Guide to Salmonid Protection and Recovery
Download [PDF version](#)

Questions?

- Dr. Kathy Taylor, Department of Ecology 360-407-7125
Kathy.Taylor@ecy.wa.gov
- Dr. Tim Quinn, Department of Fish and Wildlife
360-902-2414
Timothy.Quinn@ecy.wa.gov

