



# Splendid Shorelines Camano Island and beyond

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# Goal

Work with Camano Island residents to educate them about the importance of healthy shorelines to the health of Puget Sound, using local values.



# What

- Research Messaging
- Develop outreach materials
- Outreach activities
- Evaluate



# Tabling and Presentations



# Factsheets

THE FUTURE OF PUGET SOUND BEGINS AT THE SHORELINE TODAY

## Docks and Piers

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## 1000 cuts add up

**Lock or Pier: is the difference?**  
 Lock or pier: is the difference? Lock is on fixed platforms and is water. Pier is attached to the land, or the pier with pilings or floats on the water.

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## Water Pollution and SMPs

"The concern is centered on due to continuing loss; loss of native shoreline. In order to begin to

health are<sup>1</sup>...

**Is it allowed?**  
 dependent use which would fishing. A pier or dock that provides access to use. Piers and docks may impede or interfere with



Photo: Hugh Sherman  
 structure, erosion or loss of plant and

specific birds to allow sunlight to and species that depend on the



Transverse section through the eye of a juvenile blue salmon (from Al and Avard 1976) in

of seawater docks on Federal Island

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## Public Access

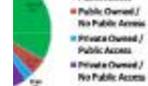
lakes and Puget Sound. Best on, vegetated buffers are

waterbodies. The harm this

depleted oxygen when it

specific pests in the yard, of insects and aquatic life

blems (PAIs) come from ion (LA, from cars). Many big tumors in fish and other



ion



the

from Puget Sound,)

isn't the greatest threat of

plants damage from such an

a broad range of

has resulted in high threat of

harbor seals in Puget Sound,

(Kilgus)

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## Benefits of SMPs

is one of the Act's three usage of the citizen's and protection of views of the

nd the environment. For a development on their land,

autiful place!

wildlife and nature improve. We are proud of our



at things we did twenty, (shrinking of beaches). The



Photo: Cruise001932\_Peter Dine L.jpg

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## Vegetation Management

"Frame your view" and protect your property from erosion

**Bottom line:** vegetation in the shore area is one of the most important ways to protect the ecological health of creeks, rivers, lakes and the Sound. Of course waterfront property owners want to maintain their view! In order to create views of the water, it is preferable to "frame your view" by careful pruning rather than removal of trees and shrubs. Plant or replant with native vegetation as much as possible.

### Vegetation is important

Vegetation helps prevent erosion.

Plants stabilize the soil with their root systems and prevent woody runoff.

Leaf litter helps too. Live plant leaves as well as leaves and twigs on the ground help break the force of falling rain (helping prevent erosion) and help speed evaporation (reducing the rate at which water seeps into the ground resulting in saturation).<sup>2</sup>



### Tasty insects

It is well known that birds, reptiles and other animals eat insects. Salmon eat organisms from in the water but recent research shows that they too can feast on terrestrial insects. When researchers purged the bellies of Puget Sound shoreline caught juvenile salmon, they were surprised to find a large percentage of flying insects. Therefore, shore area vegetation needs to be maintained to support a healthy insect population.



Stomach contents from Lady Chircock salmon showing the wings of many land-based insects. The new research surprised scientists who thought that young salmon primarily ate water insects, not terrestrial insects. Photo: Gillo Aggias, Edg Co. (2002)

# Tightly packed shore homes



<http://www.oldcamano.net/r33119s.html>

# Dumping clippings



*Photo by Joan Gerteis, 2006, Island, County Beach Watcher*

*<http://www.shorestewards.wsu.edu/island/newsletter/2009/April%202009%20Newsletter.pdf>*

# Overall challenge

- Making shoreline health a sexy topic
- Addressing the frustrations and concerns of shoreline property owners



# Thank you



<http://www.publicbroadcasting.net/kplu/news.newsmain/article/0/0/1666870/Environment/Interactive.Puget.Sound.Map>