



Targeted Outreach to Prevent Negative Impacts from Shoreline Armoring October 9, 2014



partners in marine conservation

Over 27%
of Puget
Sound's
shoreline
is
armored



Targeted Outreach

- Three “Living with the Coast” shoreline property owner workshops
- Jefferson County, Whatcom County, Whidbey Island
- Outreach focused on specific shoreline reaches designated at risk for new armoring
- All shoreline owners were welcome regardless of property location.
- On-line pre-registration survey provided information about participants’ concerns, property types, and topics of interest.

Free Workshop for Whidbey Island Marine Shoreline Landowners

10:00 am to 3:00 pm
Saturday, May 3, 2104

*Coupeville Rec Hall
901 NW Alexander St
Coupeville, WA*

Reserve your spot today!

Register online:

<https://www.surveymonkey.com/s/CX2DKJQ>

Register by phone: 360-733-1725

Register by email: kaufman@nwstraits.org



Living with the Coast:

Learn how you can protect and maintain your shoreline property.

Workshop topics include:

- Beach and bluff processes
- Stewardship practices
- Native vegetation for slope stability & habitat
- Shoreline permitting and regulations
- Educational beach walk

Learn more details: www.nwstraits.org

Free site visits also available: Qualified shoreline management professionals have been hired to help you learn specific actions you can take to protect your property (non-regulatory; conducted by private consultants). Sign up to receive information about obtaining a free site visit for your shoreline property by calling 360-733-1725 or completing a brief online survey at <https://www.surveymonkey.com/s/CX2DKJQ>. A limited number of site visits are available.

Targeted Outreach

- Incentives are needed to get landowners to make positive changes and move them from knowledge to action
- Free workshops
- Free field trip
- Story telling was encouraged to share experiences of living on the shoreline
- Free, non-regulatory private technical site visits



Workshop Topics

- Coastal processes and bluff processes
- How coastal habitats are formed and what they support
- Vegetation and drainage management
- Shoreline armoring types
- Alternative options to hard armoring



Site Visits

- Non-regulatory professional site visit
- 19 site visits occurred
- Participants receive a report with an assessment of their property and general suggestions for how to improve it without armoring.

COASTAL GEOLOGIC SERVICES, INC.

COASTAL GEOLOGIC SITE ASSESSMENT

For _____ Date 6/8/14 Time _____
 Site Add _____ By Jr

Mailing _____ Phone w/ h _____
 Cell _____

BANK

House Setback ~10 feet from bank crest (minimum distance) NE
 Deck/ _____ feet
 Bank Height ~20 feet Slope Angle 30-70 degrees (from horizontal) by House
 (approx)
 Vegetation Cover 50 % Veg. Maturity immature
 Dominant Veg. Him. Blackberry, Nootka rose, Dog Fir, Oc. spray, Madroña
 Bank Geology Dense sandy gravel + Basalt
 Beach Access Comp. path
 Slope Failures None evident
 Adjacent Bank Varies
 to N Basalt
 to S No Bank

BEACH / BANK TOE

Fetch (open water distance) 8-10 miles Shoretype Low bank
 High-tide Beach _____ feet wide
Pellets & minor sand dominant sediment sizes
 Depth of HT Beach _____ inches
 Net-shore drift NEward cell, near: origin / center terminus = SE-S-I
 (sediment transport alongshore, net) NNE drift direction
 Structures few small anchored logs

Evidence of erosion None

Next Steps

- Funding has been secured to expand the program
- Continue to offer workshops and site visits
- Provide preliminary designs to several landowners willing to remove armoring and/or replace with alternatives to hard armoring
- Provide permitting assistance to those with preliminary designs
- Find future funding to assist landowners with removal and replacement costs



Thank You!



For more information

Lisa Kaufman, Nearshore Program Manager, kaufman@nwstraits.org
Northwest Straits Foundation, 360-733-1725 www.nwstraits.org



partners in marine conservation