

ESRP Grant Proposal: Livingston Bay Community Shoreline Enhancement Demonstration Project

Kathryn Wells

Community Outreach
Specialist

www.snohomishcd.org
425-335-5634
Lake Stevens, WA

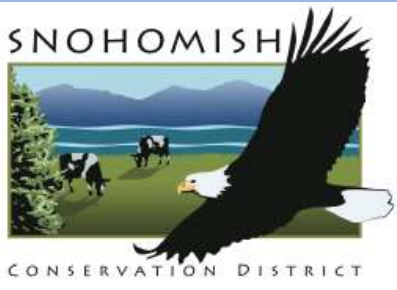
Ryan Williams

Habitat Restoration
Specialist



www.betterground.org

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Snohomish Conservation District

- SCD provides free technical assistance to landowners in Snohomish County and on Camano Island.
- Our primary focus is to work with rural and urban landowners to improve water quality through the implementation of Best Management Practices (BMPs)

SCD is non-regulatory and all services are free

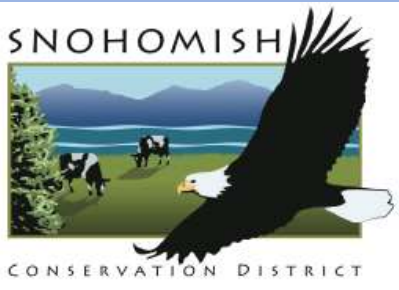


Technical Assistance



- Adapt and evolve to address new or newly emphasized natural resource issues.

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Outreach

- Outreach continues to expand regionally and statewide via Better Ground.



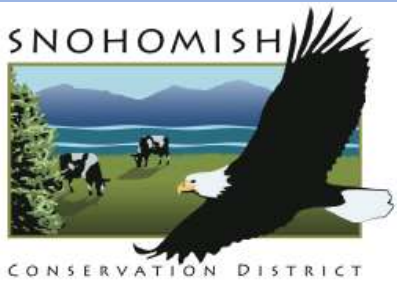
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Livingston Bay Community, Camano Island



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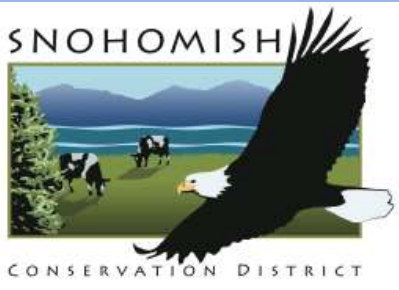


Livingston Bay Community, Camano Island

- Livingston Bay important habitat for juvenile salmon*
- Part of Port Susan MSA
- Entities invested in protecting Livingston Bay
 - The Nature Conservancy
 - Whidbey-Camano Land Trust
 - Stillaguamish Tribe of Indians

* WRIA 6 Multi-Species Salmon Recovery Plan, Nearshore habitat protection priorities, May 2005.





Livingston Bay Community, Camano Island

- 68 parcels, 35 shoreline, 2040 feet of HOA-owned shoreline
- Swale-dike
- SCD involved with community since 2013
- Community strife



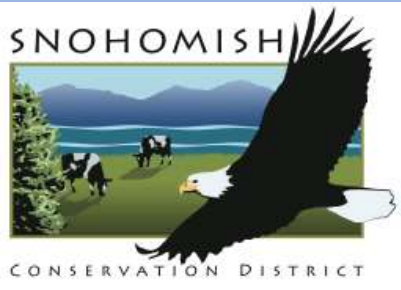


Livingston Bay Community, Camano Island

- March 2016 storm damage



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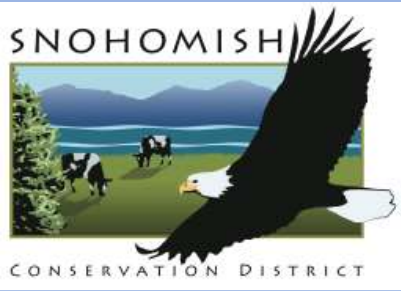


Livingston Bay Community, Camano Island

- Landowners contacted SCD for assistance with procuring native shoreline plants and help with storm protection design.



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Livingston Bay Community, Camano Island

- Site visit with Jim Johannessen in April 2016 via Island County Shore Friendly program.



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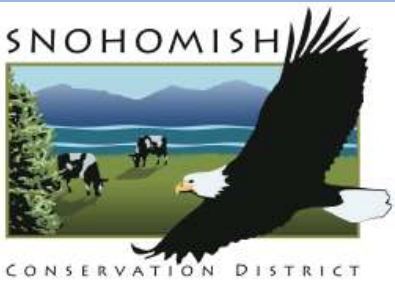


Livingston Bay Community, Camano Island

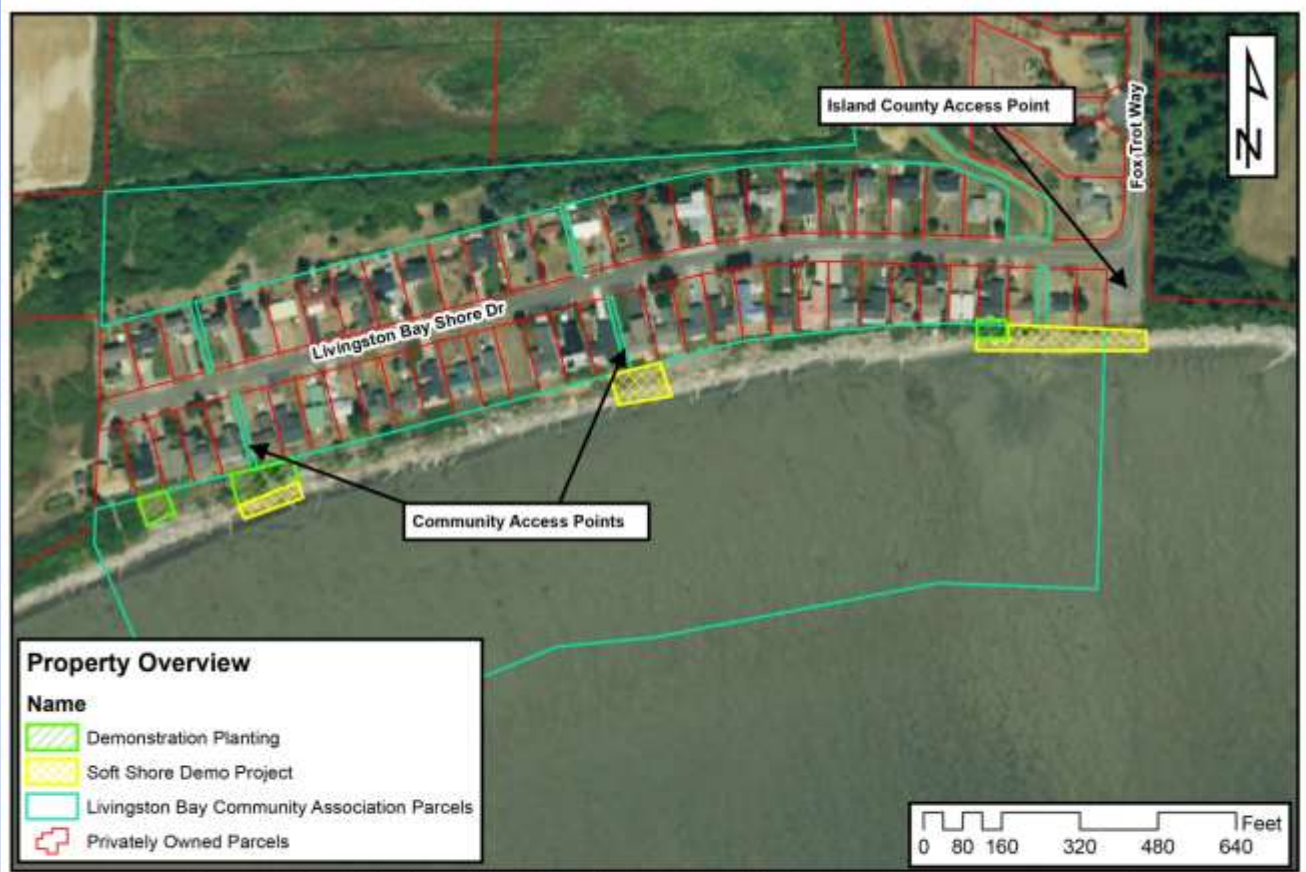
- Our concerns
 - Preventing hard armoring
 - Improve health of shoreline with plantings
 - Reaching wider community



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Shoreline Project and Outreach

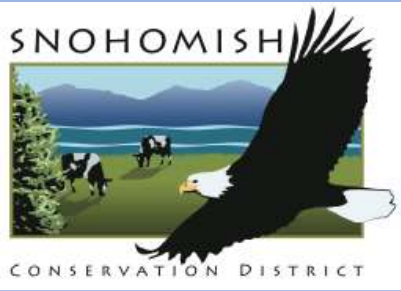


1 inch = 250 feet

Livingston Bay Community Association
Proposed Shoreline Enhancement
Demonstration Project
Property Overview Map

Map created 10-22-13 km
Last updated 06-29-16 rww

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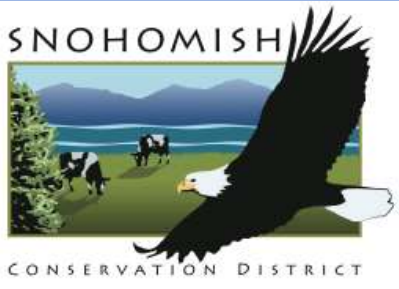


Shoreline Project and Outreach

- **Prior to grant period**
- Native shoreline plantings
- Demonstration sites during grant period.



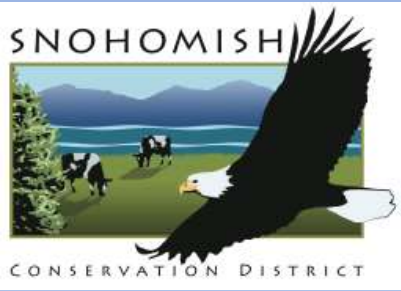
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Shoreline Project and Outreach

- **Grant Project:**
- Design/Build: Anchored large logs per Jim Johannessen's recommendation.
- 2 – 3 demonstration sites within the community and (hopefully) at the Island County public access point at the end of Fox Trot Way.





Shoreline Project and Outreach

- **Education/Outreach:**
- Encourage the use of shore friendly protection practices among low bank shoreline landowners
- Shoreline living workshop(s) and garden tour(s) with Island County Shore Stewards
- Landowner highlights



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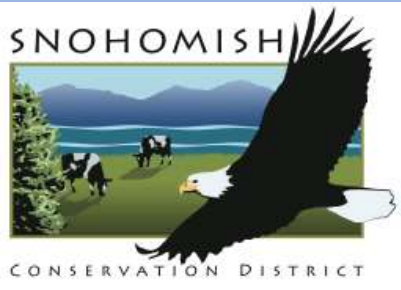


Shoreline Project and Outreach

- Shore Friendly resources will be on Better Ground by the end of August.



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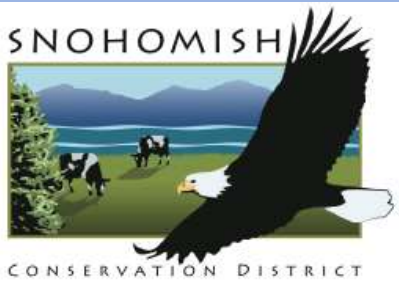


Shoreline Project and Outreach

- **Evaluation:**
- Survey workshop/tour participants and Livingston Bay community residents to determine effectiveness of demonstrations and online resources.

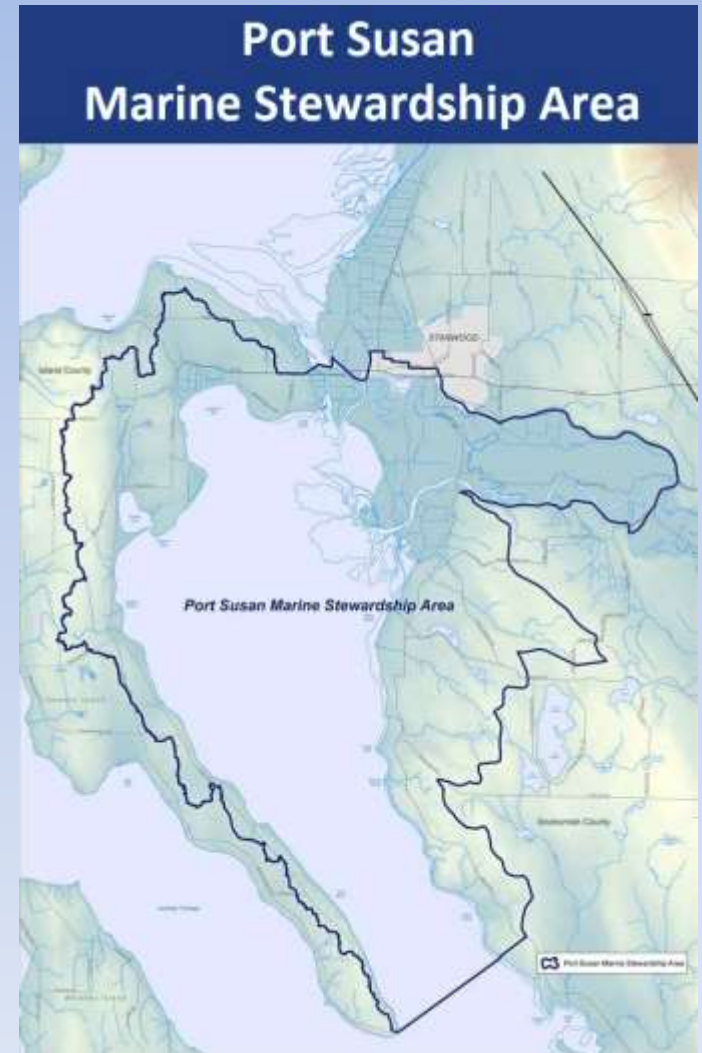


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Shoreline Project and Outreach

- **Benefits to Port Susan MSA**
- Helps address Port Susan MSA Plan objectives related to beaches and forage fish
 - Education programs encouraging soft-shore armoring and preventing further hard armoring
 - Outreach works toward objective of enhancing functionality of marine vegetated buffers



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Questions?

Kathryn Wells, Community Outreach Specialist

kathryn@snohomishcd.org

425-377-7024

Ryan Williams, Habitat Restoration Specialist

rwilliams@snohomishcd.org

425-377-7002