

S'amunu

Past, Present, & Future.



The SMWS

- Stewards of the S'amunu/Somenos Watershed
- Formed in 1987
- President- Paul Gowland
- Executive Director- Paul Fletcher
- Staff- Gina Hoar & YEXPILEMTEN



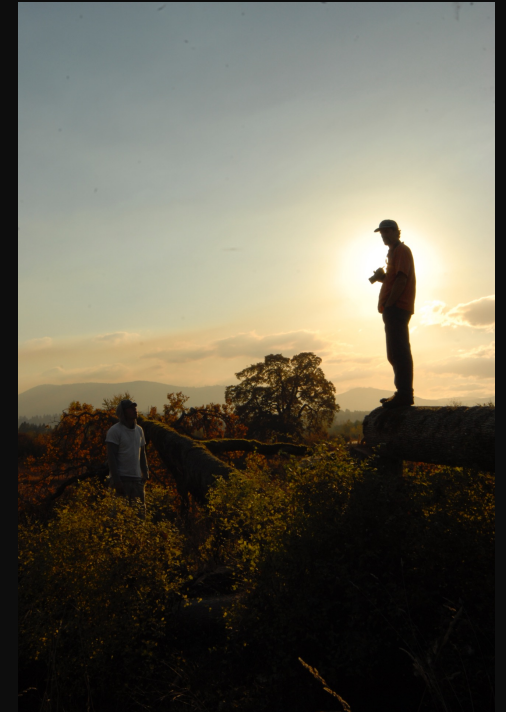
Community Stewardship Project

- Reconciliation focus- Bringing back the Salmon
- Inform & educate community
- Ecological restoration training
- Build and maintain wildlife viewing and interpretive infrastructure



GreenStreams Project

- Cowichan Tribes partner and advisor
- Protection of traditional cultural areas
- Bringing back healthy fish populations
- Mountain to estuary wildlife corridors
- Increase and restore riparian areas
- Creating a model for other small watersheds to use



Water Quality Monitoring Program

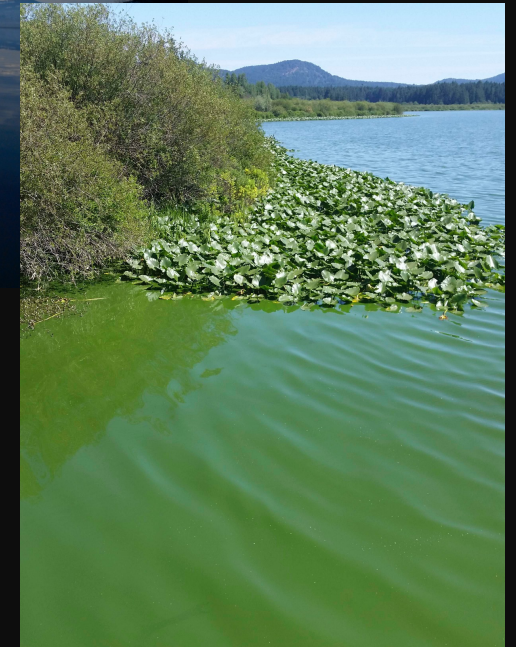
- Water quality monitoring
- What we test for
- Summary of results
- Equipment



S'amunu Xatsa

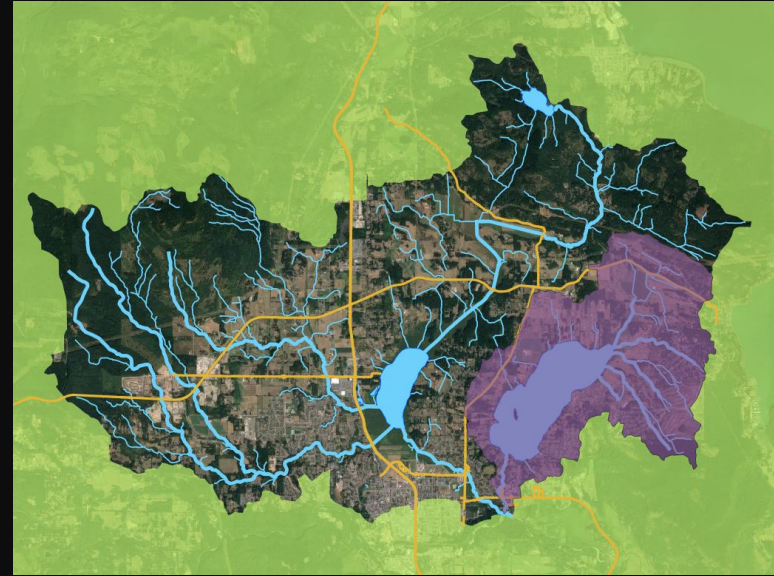
Somenos Lake

- General health
- Cyanobacteria & Algae blooms
- Phosphates
- American Bullfrogs
- Pumpkinseed fish



S'amunu Tributaries

- Richards, Averill, and Bings Creeks
- USHP assessment completed 2021
- Restoration plan written
- Municipal project appendix
- Fish surveys



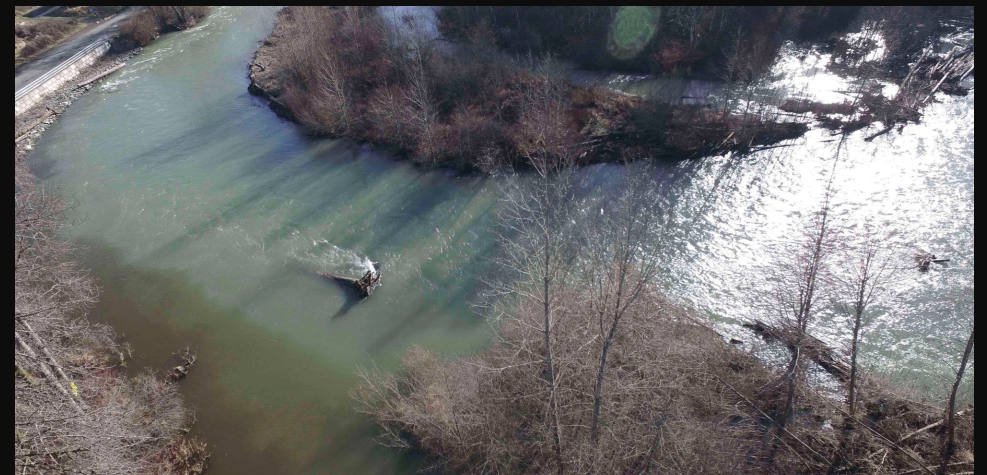
Bings Creek Salmon Spawning Habitat Restoration

- Two sites
- Gravel & Boulders
- Spawning Salmon returned
- Freshwater Mussels



Somenos Creek

- 3km long
- 85% Parrots Feather coverage
- Water Quality
- Fish passage



Parrots Feather

- Smothering
- Water quality testing
- Riparian planting
- Open Water ?
- Flood concern



Beverly Street Wetland

- Initiated by SMWS in 2015
- Drains urban area
- Stormwater treatment
- Phase 2 planted
- School group volunteers



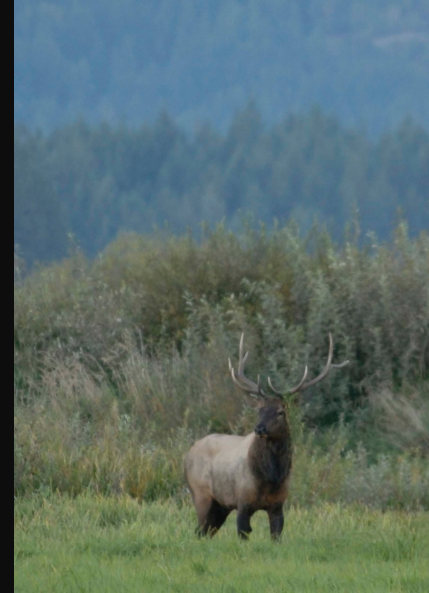
13th Annual WildWings Nature & Arts Festival Season

- Cowichan Tribes
- Cowichan Valley Naturalists
- Valley wide
- Many family & free events
- 2022 theme '*Return of the Stseelhtun*'



The future, our vision

- Traditional lands protected and cared for
- Forest cover remaining intact in the watershed
- Riparian areas restored and enlarged
- Aquatic harvester channel clearing for fish movement in Somenos Creek
- Somenos Creek intact riparian cover full length of creek
- Stormwater toxicity reduced by point source remediation





Thank you