

Nestucca, Neskowin and Sand Lake Watersheds Council

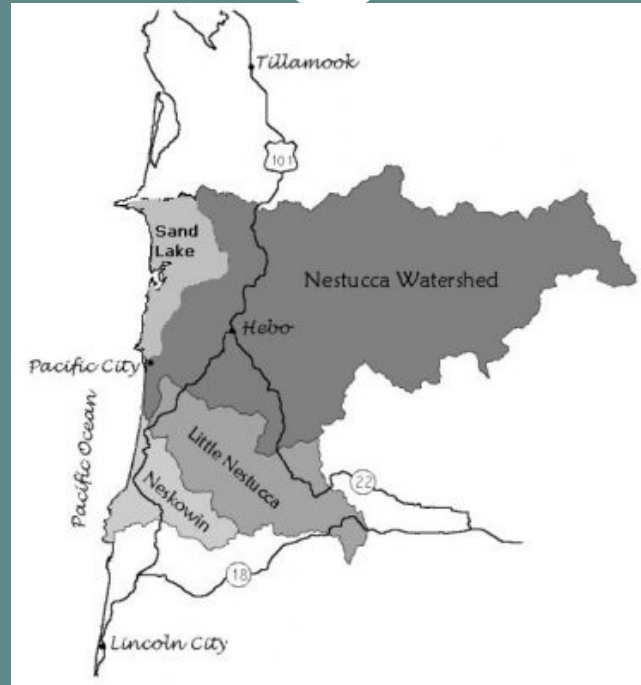


2023 ANNUAL REPORT

PRESENTED TO TILLAMOOK
COUNTY BOCC ON
NOVEMBER 29, 2023



2023 Annual Report



The mission of the council, working in partnership with private and governmental stakeholders, is to improve the environmental health of our watersheds to benefit those who live and work within their boundaries and for the fish and wildlife that depend on them.



2023 Completed Projects



- *Sand Lake Large Wood Habitat Enhancement Project*
- *Proposal Rock Loop-Sutton Creek Design Project*
- *Riparian planting projects on Nestucca River, Alder Creek, Nestucca Bay NWR*



Stream Restoration Projects



Giant Pacific Salamander



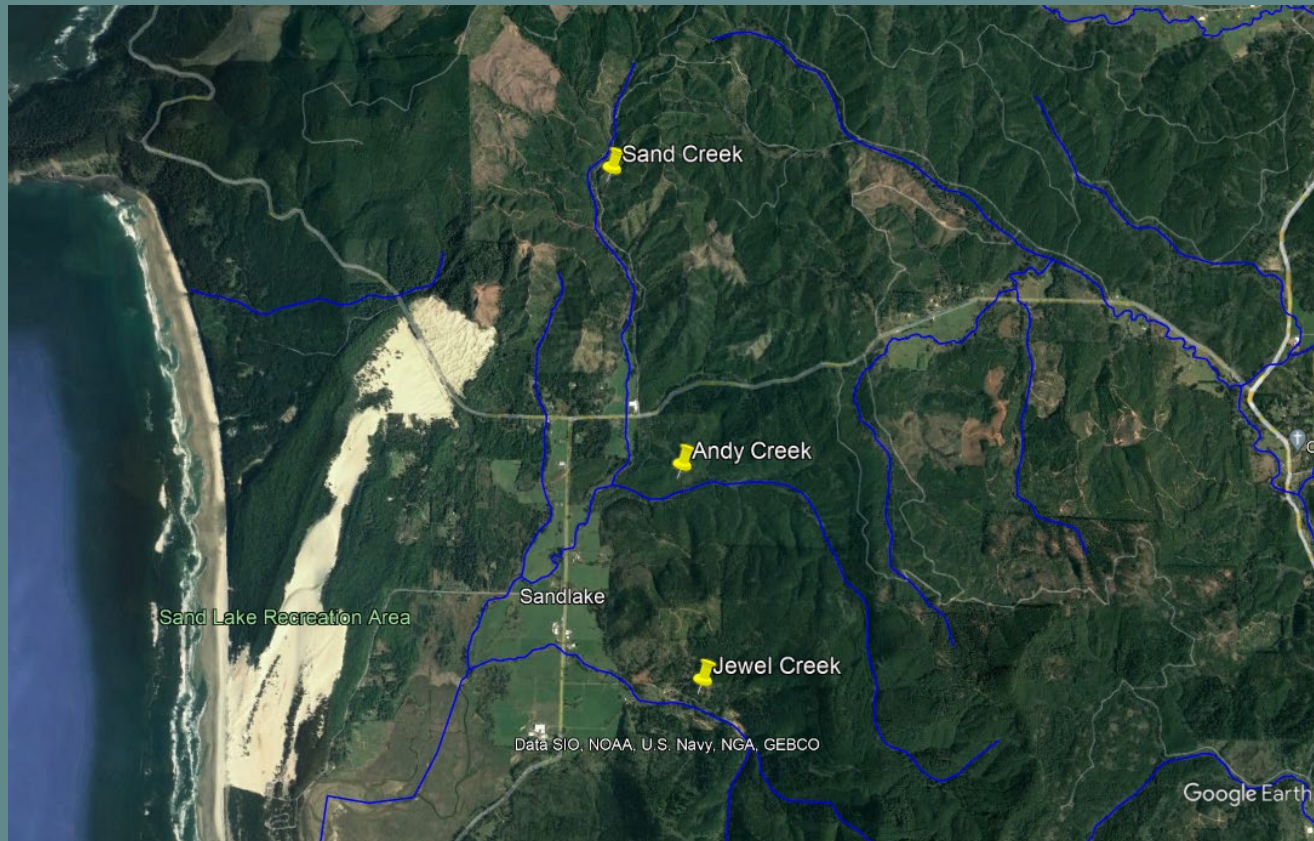
Juvenile Salmonids



Stream Restoration Project



Sand Lake Large Wood Habitat Enhancement Project





Stream Restoration Project

Sand Lake LW Project

- Installations: August-September, 2023
- Project Funding (Cash & In-Kind): Stimson, OWEB, TEP, ODFW, USFS, CTSI
- Other partners: Other private landowners
- Total Investment (Cash & In-Kind):
\$\$205,927
- 48 Placements:
 - Jewel Creek: 16 w/ CTSI logs
 - Sand Creek: 7 w/ Stimson logs
 - Andy Creek: 25 w/ Stimson logs
- Goals:
 - Improve stream complexity
 - ✦ Habitat complexity (increase number of pools, reactivate side channels, enhance alcoves, improve sorting of spawning gravels)
 - ✦ Enhance floodplain connections
 - ✦ Increase organic material for food web

Before



After





Stream Restoration Project



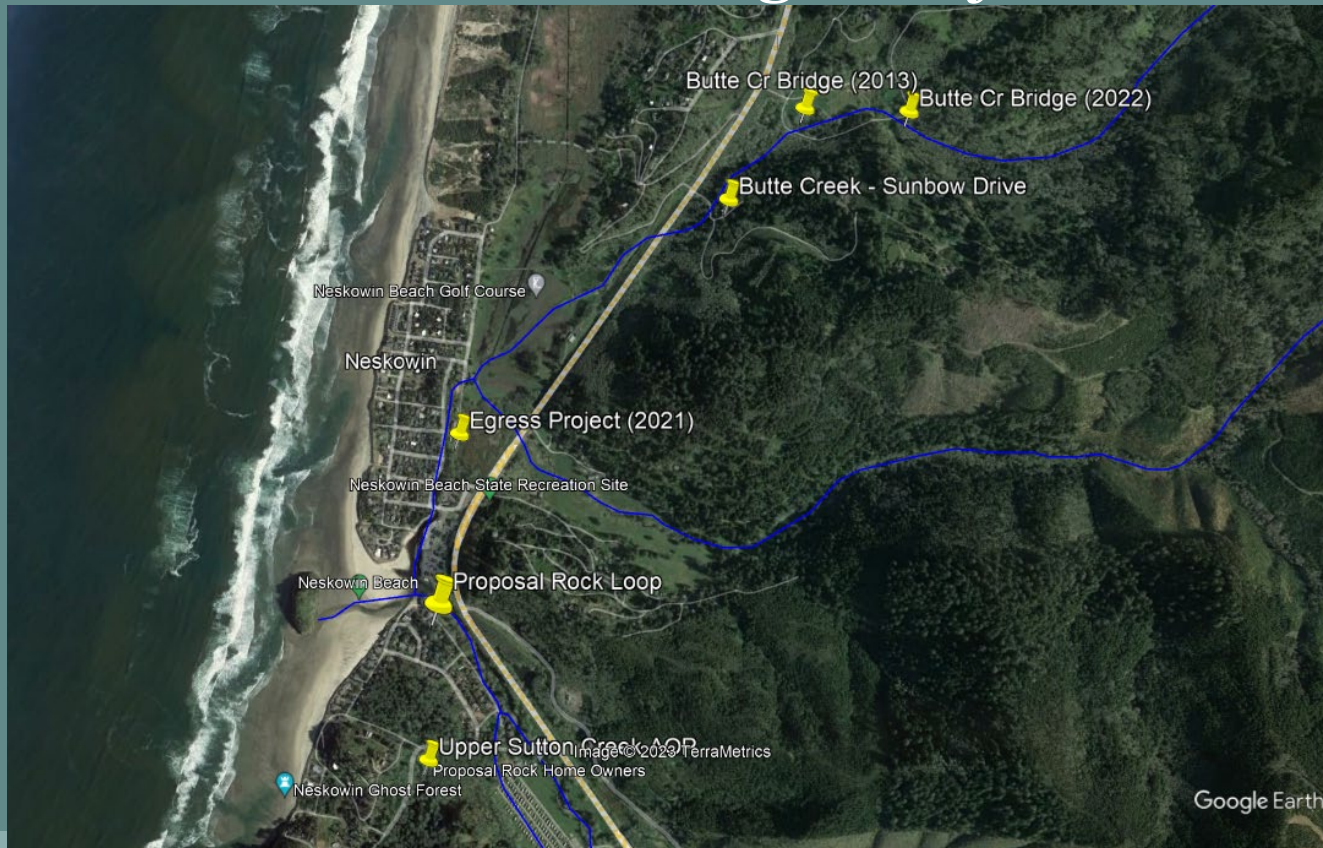
Jewel Creek Site #4 (Catcher's Mitt)



Design Project

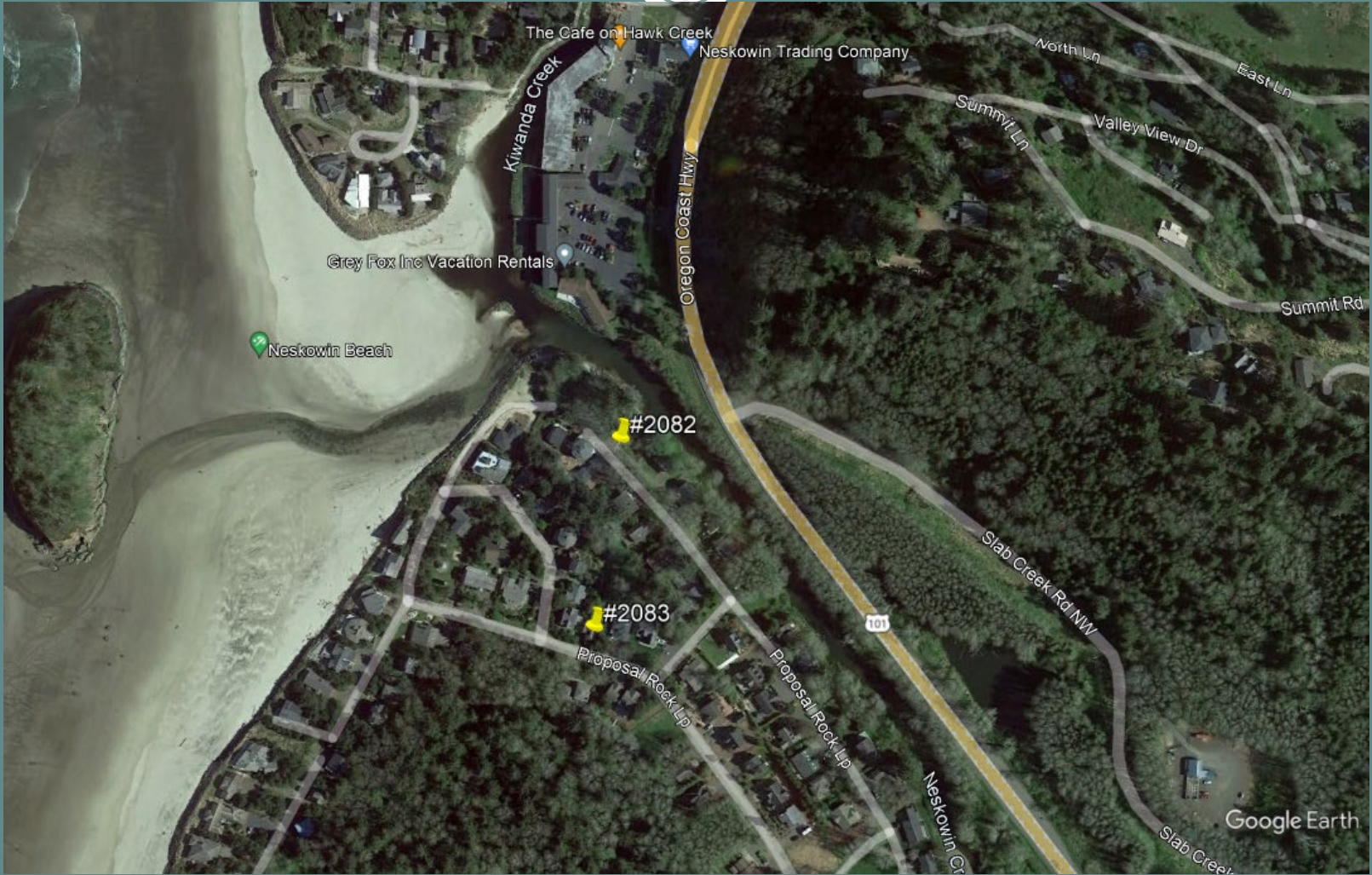


Proposal Rock Loop-Sutton Creek Design Project





Design Project





Design Project



Proposal Rock Loop-Sutton Creek Design Project

- Design Project: September 2022-June 2023
- Total Investment: \$90,750
- Consultant: Stillwater Sciences
 - Failed culvert (#2082)
 - Partially blocked culvert (#2083)
 - Private road & crossings
- 100% (construction ready designs) produced for replacement of each



November 2021
Flood





Design Project



Proposal Rock Loop-Sutton Creek Design Project

- Replacement will:
 - Improve fish passage to 1.6 miles of aquatic habitat for Coho, Cutthroat Trout, & Lamprey
 - Improve high flow passage through the neighborhood
 - Restore full access/egress to the neighborhood and improve public safety
- Funding secured: Siuslaw NF grant, PRHOA
- Additional funding being sought: NOAA, OWEB, USFWS, PMEP

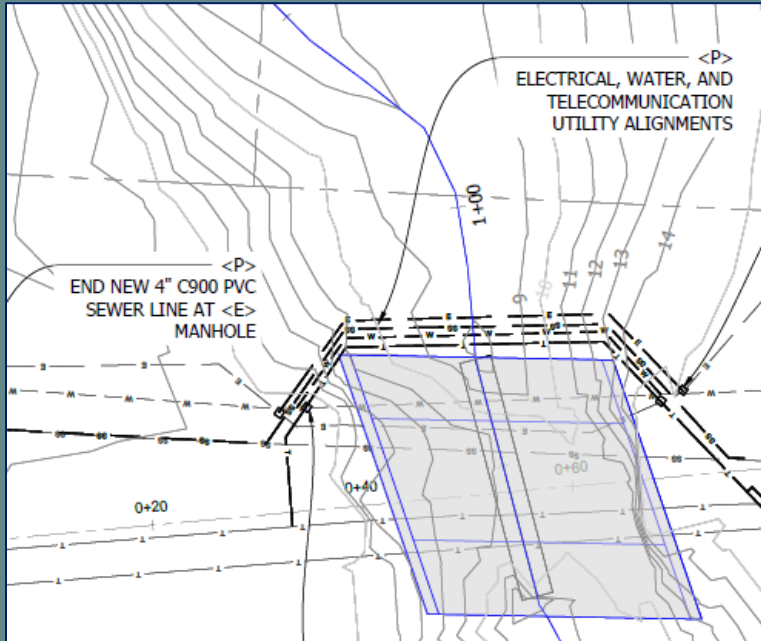


Post-Flood



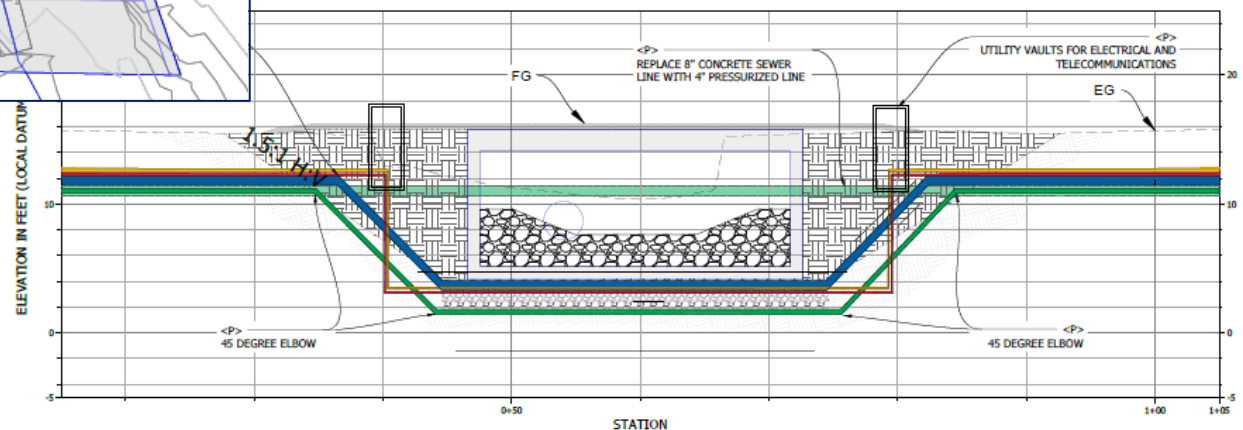


Design Project



- Outcomes:
 - Concrete box culverts
 - ✦ Seismic stability
 - ✦ Better able to pass flood flows
 - ✦ Less expensive
 - Accommodate utilities
 - Stream reconstruction

Plan and X-Section views showing utility relocations and stream simulation inside concrete box culvert

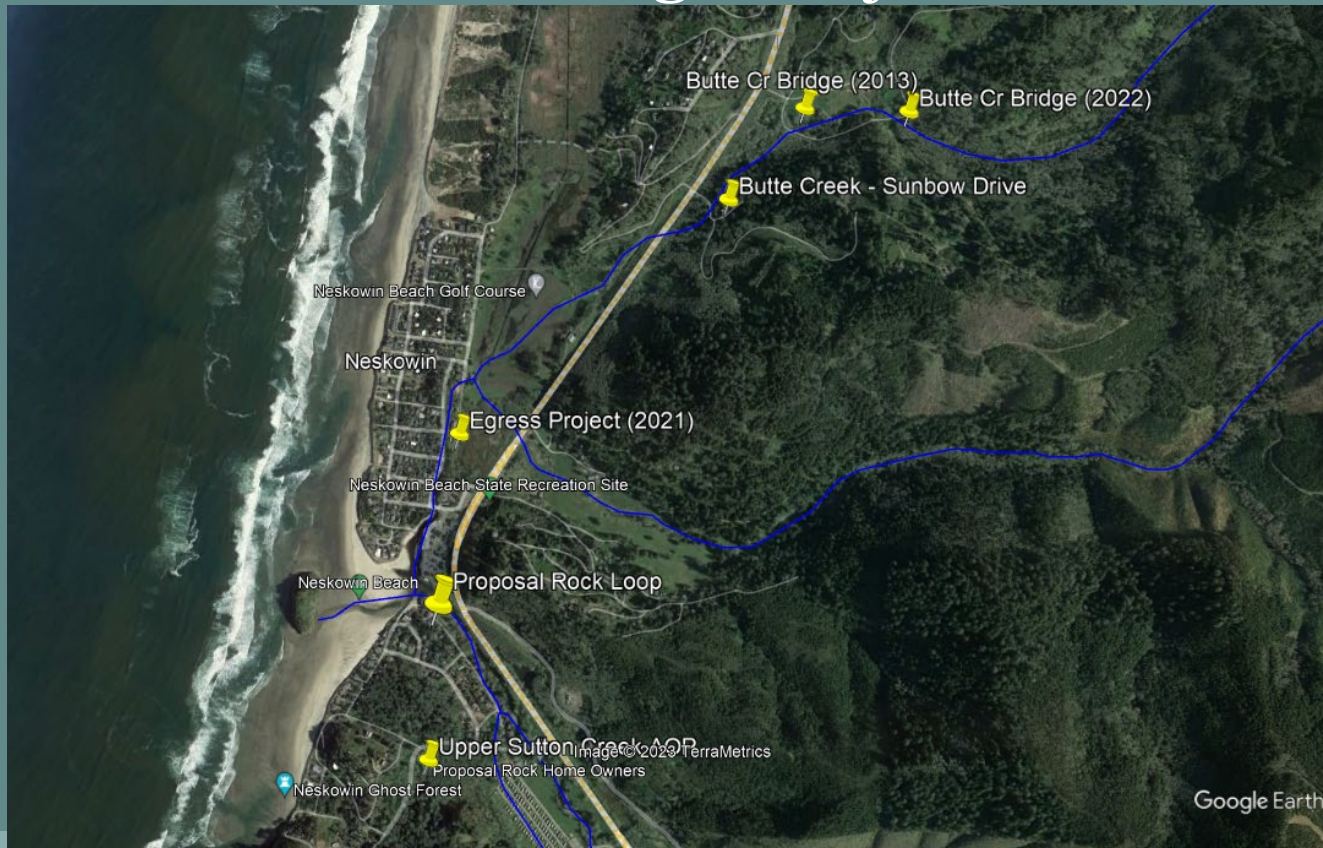




Design Project



Butte Creek-Sunbow Drive Design Project

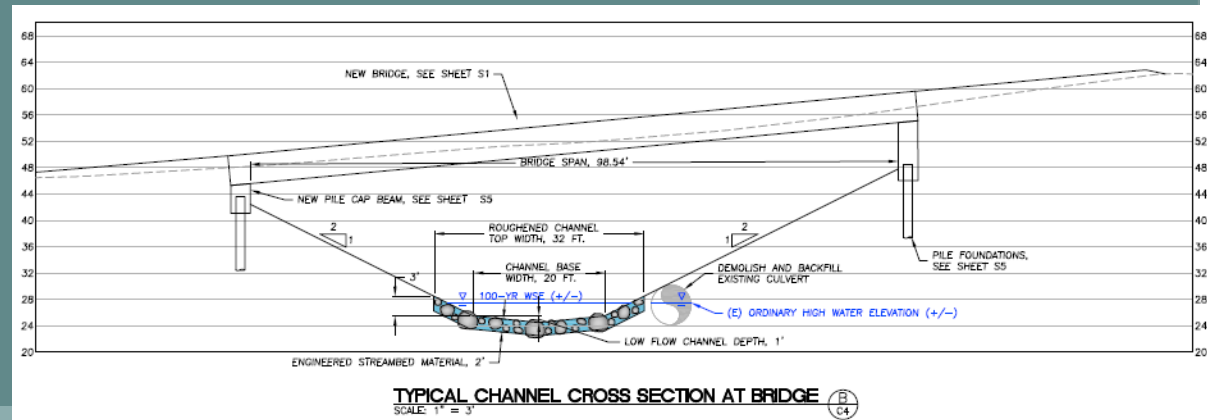




Design Project

Butte Creek – Sunbow Drive Design Project

- Design Project: 60% plans completed April 2023
- Total Investment: \$73,350
- Consultant: Waterways Consulting
- Status:
 - Failing culvert
 - Perched during lower flows
 - 110' long (6' diam) CMP
 - 18' bank-full channel width
- Plans:
 - 110' concrete bridge
 - Reconstruct stream channel
- Town Hall: December 7, 2023, Kiawanda Community Center





Monitoring Project



NNSL WC Expanded Water Quality Monitoring Project

- Stream temperature and bacteria monitoring in the Nestucca, Neskowin & Sand Lake watersheds
- Second OWEB grant agreement just signed to continue project thru 6/2025

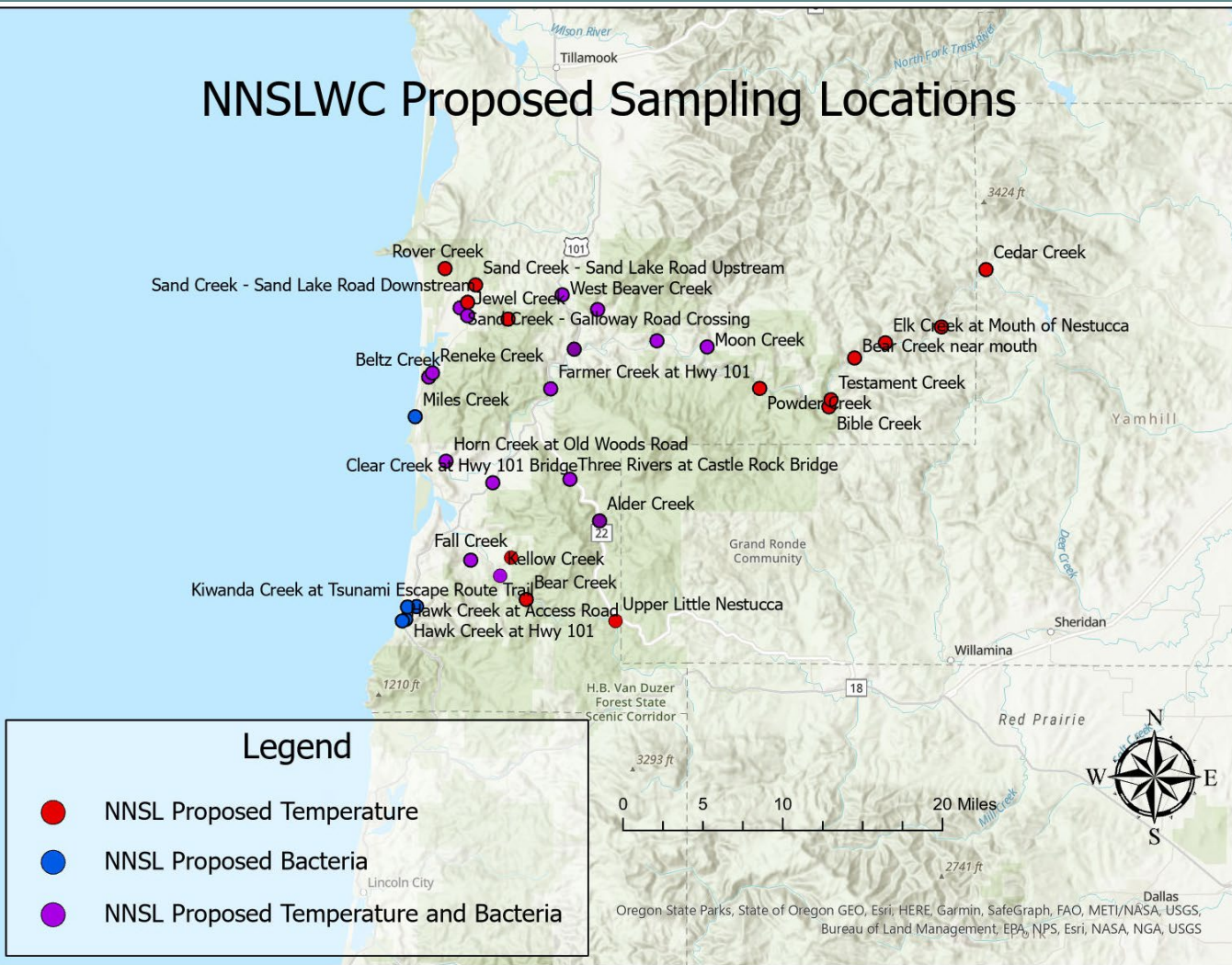
Implementation: Ongoing
Partners: Oregon Department of Environmental Quality, Tillamook Estuaries Partnership, OWEB, NNSLWC, Volunteers





Monitoring Project

NNSLWC Proposed Sampling Locations





Streamside Planting



Streamside Planting

In 2023 the Council worked with 4 landowners to plant ~8.8 acres and maintained past plantings on numerous acres. Planting efforts focused on the mainstem Nestucca, Alder Creek, other Nestucca tributaries, and the Little Nestucca River.





Outreach

- The Council continued hybrid in-person/Zoom Board meetings this year. platform.
- We held a Kiwanda Beach Cleanup in early April in partnership with Headland Adventures and SOLVE and supported by numerous local businesses and organizations – 56+ volunteers collected lots of trash including microplastics that were then properly disposed of!
- Visit us at our Nestucca, Neskowin and Sand Lake Watersheds Council website to sign up for our *Newsletter* and subscribe to our social media for regular updates on outreach and volunteer events.



www.facebook.com/nestuccawaters



www.instagram.com/nestuccawaters



www.nestuccawaters.org



Outreach



Northwest Oregon Restoration Partnership Transplanting & Seed Collection

Transplanted early blue violet native plant seedlings at NORP plant nursery and collected pearly everlasting seeds at Bob Straub State Park

- 17 volunteers
- 32 hours of effort





Education & Outreach

Science Pub (Science & Beer) Events, Annual Meeting

Held 3 “Science & Beer” Events with total 147 attendees.

September 15th Annual Meeting was attended by 34 community members and Board members.

 NESTUCCA, NESKOWIN, AND SAND LAKE WATERSHEDS COUNCIL

2023 Annual Meeting

Featuring Guest Speakers:
Terry Turner from Trout Unlimited &
Liz Ransom from Salmon SuperHwy

Appetizers, Drinks & Raffle Prizes

Free & Open to the Public

**Friday
September 15**

6:00 pm - 8:00 pm
at Kiawanda Community Center,
34600 Cape Kiwanda Dr,
Pacific City, OR 97135

If you are interested in learning more about projects involving the improvement of our fisheries and waterways, please join us at the Annual Meeting. Terry Turner and Liz Ransom will discuss the projects and partnerships of Trout Unlimited and Salmon SuperHwy and NNSLWC will present the Council's Strategic Framework.

For More Information: nestuccawaters.org/events

Presented by Nestucca, Neskowin, and Sand Lake Watersheds Council and the Hebo Stewardship Group



Engagement



We're actively engaging with our partners:

- Tillamook Working Lands & Waters Cooperative
- Tillamook County Estuarine Resilience Action Planning Working Group
- Tillamook County Soil and Water Conservation District
- Hebo Stewardship Group (USFS & Cascade Pacific Resource Conservation & Development)
- Siuslaw National Forest Stewardship Roundtable
- Network of Oregon Watershed Councils
- SSH Executive Team and Technical Team
- TEP Sitka Sedge Tidal Wetlands Project Technical Team
- North Coast Watersheds Partnership
- OCVA and Kind Traveler – Every Stay Gives Back



Future Projects



- *Two culvert replacements on Sutton Creek/South Beach Road (Summer 2024)*
- *Nestucca, Neskowin & Sand Lake Expanded Water Quality Monitoring*
- *Riparian planting projects (planning)*
- *Louie, Baxter, and Horn Creeks Large Wood Habitat Enhancement Project (Developed – Grant Application Pending)*
- *Nestucca Basin Coho Strategic Action Plan (pursuing with ODFW and WSC)*



Nestucca, Neskowin and Sand Lake Watersheds Council



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