



2018 MRC Projects Summary

Olympia Oyster Projects

In Discovery Bay, the Olympia oyster habitat enhancement project is going well. Data collected in 2018 supports our premise that Olympia oyster larvae are continuing to settle and grow on the distributed shell. In Quilcene Bay, the MRC, WDFW and tribal co-managers are continuing to monitor test plots. **2019 plans include working with Co-Managers to add more clean shell to Discovery Bay near the extant population and continue to monitor test plots at Quilcene Bay.**

Citizen Science Monitoring

Forage fish spawner surveys continued at Fort Townsend State Park & Adelpa Beach in 2018, in partnership with WDFW & Point No Point Treaty Council. New community volunteers are engaged, and forage fish eggs have been found at both sites during the winter months. **Forage fish monitoring will continue in 2019.**

Bull Kelp Monitoring--Jefferson MRC also continues citizen science monitoring of local bull kelp beds near North Beach Park. **Monitoring will continue in 2019.**



Rain Gardens

In 2018, MRC and WSU Jefferson Extension partnered with City of PT to install two more rain gardens that filter stormwater before it enters Puget Sound (a total of 8 so far). Rain garden volunteers included students, MRC members and community volunteers. Adjacent neighbors have committed to taking care of these installations. **Two more installations planned for 2019 (proposed sites in Port Townsend and in Quilcene).**



Eelgrass and Shellfish Voluntary No-anchor Zones

MRC continued protection of 52 acres of eelgrass beds on the Port Townsend waterfront by maintaining buoys marking the voluntary no-anchor zone. Additional No-anchor Zones in Port Hadlock and Mystery Bay also protect commercial and recreational shellfish beds as well as eelgrass. Our work has also become a model for efforts in other locations. **Buoy maintenance and outreach will continue in 2019.**

2018 MRC Education & Outreach

Outreach by the Numbers

921 direct contacts in 2018
37 new volunteers engaged
1,811 volunteer hours

In addition to the programs highlighted below, MRC was also part of a Maritime Discovery Program partnership to train teachers about ocean acidification; helped with school participation in rain garden projects; and had info tables about stormwater and protecting eelgrass at various festivals. **Continuing in 2019.**



Shoreline Landowner Outreach

The Vegetation Management workshop for shoreline landowners (**49** attendees) and Realtor Training workshop (**33** attendees) co-sponsored by the MRC and NW Straits Foundation were well received. The Foundation also sponsored **17** on-site visits by coastal geologists in 2018 to provide landowner advice about best management practices. **General outreach will continue in 2019.**



Digging for Dinner & Crabber Outreach

Two family-oriented programs on safe and sustainable clam harvesting in partnership with WDFW at Quilcene and Dosewallips public beaches attracted **84** people. The MRC also increased our efforts to prevent loss of crab pots in local bays by inserting info in new crab pots at retail outlets and sponsoring a well-attended Crabbing 101 program just before the recreational season started. **Continuation of these efforts planned for 2019.**

More Info

Website: <https://www.jeffersonmrc.org> Email: Jeff.co.mrc@gmail.com.

Cheryl Lowe, Coordinator, Jefferson County Marine Resources Committee

360-379-5610 x 230. Program administered within the County's WSU Extension office.

Economic Benefits to Jefferson County

The MRC and the Northwest Straits Marine Conservation Initiative provide important economic, recreational and environmental benefits to Jefferson County through grant funds, support for improved stewardship of local habitats, cleaner water and increased recreation at local beaches and local businesses.



2018 Northwest Straits Commission (NWSC):

\$75,000 annual grant for MRC administration and local projects (Funding sources: EPA and Washington State funding)

2018 Northwest Straits Foundation (NWSF):

\$70,870 value to Jefferson County in 2018 through 2 programs

- **Shoreline Armoring Removal Program:** 17 technical consultant site visits (\$25,500), conceptual design work (\$30,000), realtor workshop (\$7,385), vegetation management workshop (\$3,285)
- **Opportunity Fund** support for program assistant to expand community engagement in marine stewardship actions (**\$4,700**)

Other Leverage (In-kind Value): ≈ \$69,015

\$52,515 in Volunteer hours (1,811 hrs @ \$28.99/hr)

\$16,500 in Community In-kind Match:

- City of Port Townsend (rain gardens)
- WSU Extension (rain gardens & volunteer support)
- WA Fish and Wildlife (shellfish, restoration monitoring & Olympia oysters)
- Taylor Shellfish (oyster cultch)
- Point No Point Treaty Council (forage fish lab work)
- Port of Port Townsend (no anchor zones)