



**Jefferson County
Marine
Resources
Committee**

**Jefferson County Marine Resources Committee
End of Year Summary Report Highlights**

FY 2018-19 grant year: Jefferson MRC volunteers logged 1,614 hrs

Education and Outreach

Number of Education Programs/Activities: 13

Wooden Boat Festival (WBF)

- 290 direct contacts, 14 volunteers

Aquaculture Forum

- 76 attendees, 8 speakers, 2 staff
- 10 “lessons learned”

Crabbing 101 Workshops

- 59 attendees to two workshops, 3 MRC members, 3 speakers

Digging for Dinner

- 38 attendees, 4 MRC volunteers, 6 staff

Searching for Seaweed walk

- 31 attendees

- + Other presentations (OA teacher workshop, Shore Stewards Newsletter, Pinto Abalone presentation)
- + Movie theater and magazine ads

Outcome Summary: Direct contacts with **556 people** in this grant year. We covered a variety of topics including recreational shellfish harvesting BMP, shellfish aquaculture, derelict gear, MRC projects, seaweed harvesting, eelgrass protection and more.

Rain Gardens

Two new rain gardens were installed in 2019.

	Lincoln St.	Quilcene
Rain Garden Dimensions	15 x 40ft	20 x 30ft
Volunteers Engaged	22	9
Number of Volunteers new to MRC projects	12	4
Volunteer Hours	75	51

Total cumulative area of all 10 MRC co-sponsored rain gardens in the last 5 years: **7,772 sq. ft.**

Community Support: in addition to volunteer engagement, various partners contributed significant resources:

- NWSC Grant Funds Expended: **\$15,859**
- Value of Leverage/Match In-Kind Services and Materials: **\$18,583**

Kelp Monitoring

Number of North Beach bull kelp surveys: 3
Volunteers engaged: 6

Monitoring Summary: kelp growth was slower, less dense, and farther offshore this year.

No Anchor Zones

Three volunteers donated 25+ hours
Number of buoys maintained: 21

- One unusual repair needed as result of one boat tangled in a PT waterfront buoy

New buoys purchased: 4 (\$985 each)

Estimated success keeping boats from anchoring in eelgrass at the 2019 WBF: **99% compliance**

Outreach activities related to No Anchor Zones

- 48 North Magazine
- Puget Sound Innovations Blog
- WBF booth
- Meeting with Gulf Islands Coordinator for Salish Sea Nearshore Habitat Recovery Project (BC)

Olympia Oyster Restoration/Monitoring

Project efforts this year included site monitoring and renewing local, state and federal permits for continued restoration work at Discovery Bay.

	Discovery Bay	Quilcene Bay
Activities & Results	<p>Powerline Site</p> <ul style="list-style-type: none">• Monitored since 2014. Natural recruitment is occurring. % of visible shell cover has recently declined (likely due to currents moving substrate and shell sinking into sediment)• Agency permits renewed for more cultch to be spread in 2020-2024 <p>Lagoon Site (adjacent to the extant native population): 112 bags of clean cultch spread on site.</p>	<p>18 quadrats surveyed, 1 Olympia oyster found</p> <p>This particular site determined to be not suitable for Olympia oyster restoration due to oyster drills, high temperatures, and a heavy mat of macroalgae found on the plots</p>
Volunteers Engaged	7	7

Outreach: In addition to engaging volunteers, MRC contributed to Olympia Oyster Restoration Network story map

Forage Fish

	Fort Townsend FF Monitoring	Adelma Beach FF Monitoring
Number of Sampling Events 2018-2019	5	8
Species Found	Surf smelt, sand lance	Surf smelt, sand lance
Volunteers Engaged	7	7
Volunteer Hours	48	66

Monitoring Summary: Forage fish spawned at Adelma Beach in Nov, Dec and March. Forage fish spawned at Fort Townsend State Park in Nov & Dec 2018, and Jan & Feb 2019.