

## Jefferson County Marine Resources Committee

## Meeting Agenda

Tues, Jan 7, 2020

Port Commission Bldg.

333 Benedict St, Port Townsend, WA

### Officers/Executive Committee:

Neil Harrington, Co-chair  
Frank Handler, Co-chair  
Jeff Taylor NWSC Representative  
Sarah Fiskien, NWSC Alternate

### MRC Members:

Solenne Walker, District 1  
Emily Bishop, District 1  
Ray LaRonde District 1 Alt.  
Brenda Johnson, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Heather Burns, District 3  
Sarah Fiskien, District 3  
Jackie Gardner, District 3 Alt  
Betsy Carlson, Envir/Conserv'n  
Bryan DeCaterina, Env/Cons Alt  
Pam Petranek, Port of PT  
Gordon King, Comm. Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Sci Alt.  
Greg Brotherton, BOCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is.

### Staff:

\_\_\_\_\_, Coordinator  
Robert Simmons, WSU Faculty  
WSU Jefferson Extension  
121 Oak Bay Rd  
Port Hadlock WA 98339  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

### AGENDA

- 6:00 Call to Order/Roll Call**  
**6:08 Public Comment**  
**6:10 BoCC Report (Greg Brotherton)**  
**6:20 Administrative**  
Coordinator Position Update (Cliff)  
Projects need leaders – identify leaders  
- Outreach Education - ?  
- No-Anchor Zones – Troy  
- Forage Fish  
    o Fort Townsend - ?  
    o Adelma Beach – Jeff  
    o Discovery Bay - ?  
- Kelp - ?  
- Olympia Oyster – Neil  
- Water quality – Rain Gardens - ?  
- Shoreline Landowners – Sarah  
- Crabber Outreach - ?  
- City of PT Outfall Pipe Replacement - Nam  
Future meeting program ideas  
**6:35 Recent Meeting Reports**  
    o December NWSC Meeting  
    o December Strait ERN Meeting  
**6:40 Current & Upcoming Projects**  
    ▪ PT Outfall (Nam) - 10 min  
    ▪ Rain Garden – no report  
    ▪ No Anchor Zones – 5 min  
    ▪ Crabber Outreach – no report  
    ▪ Kelp Monitoring – no report  
    ▪ Forage Fish monitoring-Jeff – 5 min  
    • Olympia oysters - 10 min

-Over-

**7:10 Speaker: Lisa Kaufman** – Nearshore Program Manager, Northwest Straits Foundation

- Presentation on this phase of the Northwest Straits Foundation Shore Friendly Program. Will provide a recap of what's been done and what is planned in this new round for 2020-2021. Lisa will be seeking input on how the MRC wants to proceed with outreach in Jefferson County (workshops, beach walks, neighborhood outreach...) and discuss the various incentives NWSF hope to offer.
- Lisa will also present about Orca recovery outreach.

**7:50 Public Comment**

**7:55 MRC Member Roundtable/Announcements**

**8:00 Adjourn**

**Upcoming Meetings/Events**

**Jan 8 – NWSC Project Planning workshop – cancelled**

**Jan 21- 4:30 – 5:30 MRC Executive Committee Meeting – WSU Extension**

**Jan 31 - 10:00-3:00 NW Straits Commission Meeting - Coupeville Library, Whidbey Island**

**Feb 4 - 6:00 – 8:00 Jefferson County MRC meeting – PT Port Commission Meeting Room**

- Scott Pearson (WDFW) will provide a presentation on marine mammal population census, patterns and changes.

**Jefferson County Marine Resources Committee  
Port Commissioners Bldg.  
333 Benedict Street, WA  
January 7, 2020 Meeting Minutes**

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**Present:**

Neil Harrington, Tribal, Co-Chair  
Frank Handler, District 2 Alt., Co-chair  
Solenne Walker, District 1  
Emily Bishop, District 1  
Ray RaLonde, District 1 Alt.  
Brenda Johnson, District 2  
Jeff Taylor, District 2, NWS Rep.  
Heather Burns, District 3  
Sarah Fiskens, District 3, NWS Alt.  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Conserv Alt.  
Pam Petranek, *ex officio*, Port of Port Townsend  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Science Alt.  
Greg Brotherton, *ex officio*, BOCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt.  
Judy Surber, City of Port Townsend

**Absent:**

Gordon King, Commercial Interest

**Guests:** Lisa Kaufman

**Staff:**

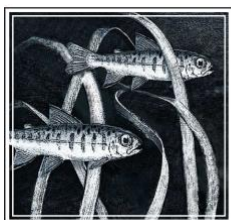
Cliff Moore, WSU Faculty

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Chair Neil Harrington called the meeting to order at 6:02 PM. There was a round of introductions as guests were present.	A quorum was present.	All members – please sign in and record volunteer hours
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Neil asked for approval/amendments to the Agenda. Greg Brotherton moved to approve agenda with following amendments: Jackie Gardner no longer member; add Approval of Agenda and Approval of Minutes; correct spelling for Ray RaLonde. Sarah seconded. Motion passed.  Troy Moved to approve December 3 <sup>rd</sup> minutes with correction to Ray RaLonde's name. Seconded by Nam. Motion passed.	Greg Brotherton moved to approve agenda with following amendments: Jackie Gardner no longer member; add Approval of Agenda and Approval of Minutes; correct spelling for Ray RaLonde. Sarah seconded. Motion passed.  Troy Moved to approve December 3 <sup>rd</sup> minutes with correction to Ray RaLonde's name. Seconded by Nam. Motion passed.	
PUBLIC COMMENT	None.		
BoCC REPORT	Commissioner Brotherton – Short report given holidays. He was elected chair of BoCC.  Jeff asked about a proposed bill at the State level that would bring back the exemption for SFR bulkheads? Cliff responded, the County Community Development Services Director asked for input/comment. Solenne and Nam noted current regulations require alternatives analysis.		
ADMINISTRA- TIVE	<b>Coordinator Position Update</b> (Cliff) - 16 applicants, narrowed to 4 which were interviewed and ranked. Doing reference checks on top 2.  <b>Projects need leaders</b> – Members were asked to identify leaders for the various subcommittees. Outreach Education - vacant No Anchor Zones - Troy Forage Fish: Fort Townsend- vacant. Adelma Beach- Jeff; Disco		

	<p>Bay - vacant Kelp – Jeff volunteered Olympia Oysters - Neil Water Quality/Rain Gardens - vacant Shoreline Landowners- Sarah Crabber Outreach - vacant City of PT Outfall Pipe Replacement - Nam SMP update - vacant</p> <p>Bryan asked to be on Kelp committee. Ray asked to be on Outreach Education. Betsy asked to be on Outreach Education.</p> <p>Cliff, Neil and Jeff explained the roles and responsibilities of a project lead. Sarah noted Outreach Education past projects. Ray noted his experience with FFA in Alaska. Jeff noted a project symposium at Padilla Bay that, when rescheduled, will be a good opportunity to hear from other MRCs about their outreach programs.</p> <p>Jeff noted: This Sunday 1/19 monitoring for forage fish at the Discovery bay restoration site.</p> <p>Reminder to log volunteer hours for the month. This includes your travel time to and for the meeting.</p> <p>Brenda asked about OPMA training and certificates. Do they get collected? Cliff asked that they be sent to him. Judy noted County clerk may also want copy. Cliff will check.</p>	<p>If you want to be added/removed from a subcommittee or want to serve as project lead contact Cliff.</p> <p>New members send your OPMA training certificates to Cliff. Cliff will ask County clerk if she needs a copy.</p>	
Current and Upcoming Projects	<p><b>Outreach and Education</b> – no report. <b>No Anchor</b> (Troy) summer buoys were changed to winter buoys on PT waterfront. Reminder Mystery Bay buoys need to be cleaned. Gordon has been reaching out to landowners in the area who may volunteer their boats for Mystery Bay buoy maintenance. There may be missing buoys. Gordon has GPS coordinates. Neil suggested Gordon take lead over the next month. Nam noted there should be a master of the GPS coordinates kept by WSU staff.</p> <p><b>Forage Fish</b> (Jeff) - sampled today. Did not notice eggs but sent to the lab for analysis. Neil thinks some eggs found in last Fort Townsend sample. Frank says 1/17 Fort Townsend sampling. Betsy asked for coordinates of beaches MRC is sampling. Disco Bay sampling 1/19. Jeff and Amy will process samples.</p> <p><b>Kelp</b> – no report. <b>Oly Oyster</b> (Neil) - Conducted a field visit of Discovery Bay site in October with the PT Leader. They did a random check for set on the oyster shell (120 bags) previously spread at the site. He described the results which are promising. A more detailed survey will be done in future. Thanks to Taylor Shellfish for donating shell.</p> <p>Solenne - back to kelp, Draft Puget Sound Conservation and Recovery Plan – Jeff added, comment open until 1/20. It is available on the <a href="http://NWS.org">NWS.org</a> site.</p> <p><b>Rain Gardens, Crabber outreach</b> - no reports.</p> <p>Chair noted he was off track on agenda and with members permission he would take things out of order.</p>	<p>Master copy of the GPS coordinates to be kept by WSU staff.</p>	
Recent Meetings Reports	<p><b>NWSC Meeting</b> - short meeting. Draft Kelp recovery plan was announced. <b>Strait ERN</b> (Neil) 100k of funding #1 project, Lower Elwha revegetation of former reservoir site. Jamestown project also received funding. Neil and Emily Bishop involved with Jamestown project. Check Strait ERN website for awards.</p>		
City of PT Outfall Pipe Replacement	<p><b>PT Outfall</b> (Nam) - Nam distributed draft letter for MRC consideration. Nam asked for comments on the letter. He will bring back a revised draft for the full MRC's consideration. He noted the tone is intended to reflect MRC is here to be helpful. Members provided comments and thanks to Nam for drafting the letter. Greg noted this letter would be sent to Commissioners for their consideration. Greg suggested before a letter is sent, we should have City present to the MRC. He also is concerned about comparative costs with Port Hadlock project - he did not see the comparison as germane. Members will send suggested revisions to Nam.</p>	<p>Members send suggested revisions</p>	

	<p>Solenne noted advanced treatment technologies and need to look at more current technologies and associated costs. She does not get a sense that newer technologies were addressed by the City.</p> <p>Neil - our main concern is with habitat impacts. How do you avoid that? Neil had questions about increased capacity as city grows, newer regulations, etc. Tribe is wondering whether there's a way to avoid replacing the pipe.</p> <p>Nam agrees City Engineer should be invited to present alternatives as soon as possible and then a second presentation on the Mitigation Plan. City Council will be having a workshop on the sewer outfall this Spring members may want to attend /participate.</p> <p>Nam backtracked to cover history - this started because MRC learned that City was going to replace pipe and so MRC responded to pipe replacement. MRC wanted to provide BAS on how best to do that. However, City then revised WWTPlan which looked at alternatives. MRC had not realized alternatives were still on the table. Letter is to provide constructive path forward. Focus now is whether replacement is necessary.</p> <p>Judy gave update that City Engineer Dave Peterson is happy to present after the Council workshop.</p> <p>Bryan DeCaterina did the habitat survey in his capacity with MSA. The mitigation plan has been provided to City and should be available soon.</p> <p>Members provided input on the Draft letter. Nam doesn't see there's a rush. Doesn't know that letter will change anything as decision has been made. Judy noted MRC has already had an influence – City is reexamining costs. Also, it's not unusual for City/County's to reconsider/amend previous actions.</p> <p>Q: Status of Paper Mill water use/reuse - Nam noted, City Engineer covered that at the Council Hearing. Since mill paper is used for food products reclaimed water cannot be used.</p>	to Nam.	
Speaker: Lisa Kaufman	<p><b>Shore Friendly</b> (Lisa Kaufmann) - she is the Nearshore Program Manager for the NWSF, formerly with DNR where she focused on creosote removal. NWSF is entering a new phase of shoreline landowner outreach so she's meeting with MRCs. Presentation gave an overview of Shore Friendly - Shoreline Armor Reduction Outreach &amp; Incentives. It's a regional social marketing program aimed at encouraging landowners to be good stewards. Encouraging armor removal, the differences between soft vs. hard armoring, and avoiding the need to armor. 2015 Shore Friendly began in a few counties. Moved to ESRP and went regional, now every county in PS region has a Shore Friendly Program.</p> <p>Summarized impacts of armored shorelines and functions of natural shorelines. With SLR and continued upland development we squeeze Nearshore habitats out. Lisa described program goals and objectives including removing barriers. She has helped from initial assessment through design, permitting, and implementation. Multiple funding sources.</p> <p>Progress of NWSF in collaboration with MRCs: Over 200 site visits and 3,930 linear feet of armor removed since 2017, 13 designs, 1,100 landowners reached thru community forums.</p> <p>In Jefferson County: 182+ landowners reached through workshops. 61 site visits. 3 designs. No removal but anticipate 900 linear feet in 2021-2022 (Discovery Bay projects). Funding is a barrier. One of the designs was for Beckett Point but project died out as cost benefit was not worth it. Shine area project also died out. Site visits are conducted by a coastal geologist.</p> <p>Moving forward, a shift in focus from removal to reduction of armor demand- find resources to help vegetate and improve drainage management or relocate house/septic to prevent the need for armoring. Septic fields are often the limiting factor in removing bulkheads.</p> <p>Goal to conduct workshops with Land managers/planners. Judy suggested American Planning Association Quarterly forums.</p>	<p>Judy to send APA contact info.</p> <p>Shoreline Landowners</p>	

	<p>Members asked questions, provided input. Lisa has brochures/booklets available for distribution. Neil suggested Shoreline Landowners subcommittee coordinate with Lisa.</p> <p>Orca - if Jefferson MRC is interested, NWSF can arrange Orca forum.</p>	subcommittee coordinate with Lisa.	
MRC Roundtable/ Announcements	<p>Sunday 3pm - speaker at Chapel at Fort Worden, John Kapalopolis speaking on whales.</p> <p>Pam announced Jim Pivarnik retiring in June. Port now in the process of selecting replacement. Asked members to engage in process. She expects announcements on finalists as soon as tomorrow. Interviews on January 14. Public open house at NWMC.</p> <p>Note upcoming meetings at bottom of agenda.</p>		
ADJOURNMENT	Meeting was adjourned at 8:01.		



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## Meeting Agenda

Tues, Feb 4, 2020

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### Officers/Executive Committee:

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Frank Handler, Co-chair  
Jeff Taylor NWSC Representative  
Sarah Fiskén, NWSC Alternate

### MRC Members:

Emily Bishop, District 1  
Ray RaLonde District 1  
Solenne Walker, District 1 Alt.  
Brenda Johnson, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2 Alt.  
Heather Burns, District 3  
Sarah Fiskén, District 3  
Betsy Carlson, Envir/Conserv'n  
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Greg Brotherton, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt.  
Judy Surber, City of PT  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is.

### Staff:

Monica Montgomery,  
Coordinator  
Robert Simmons, WSU Faculty  
WSU Jefferson Extension  
121 Oak Bay Rd  
Port Hadlock WA 98339  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)

### AGENDA

- 6:00** Call to Order  
Welcome new Coordinator, Monica Montgomery  
Introductions – 1 min each member
- 6:20** Public Comment  
Approval of Agenda and minutes
- 6:30** BoCC Report (Greg Brotherton)
- 6:40** **Speaker: Scott Pearson (WDFW)**  
Pinniped diet, abundance and trends in the Salish Sea
- 7:15** **Recent Meeting Reports**  
○ January NWSC Meeting
- 7:20** **Current & Upcoming Projects**  
○ PT Outfall (Nam) – 10 min  
○ Rain Garden (Bob) – 5 min  
○ No Anchor Zones (Troy) – 5 min  
○ Crabber Outreach (Roy) – 5 min  
○ Kelp Monitoring (Emily) – 2 min  
○ Forage Fish Monitoring (Jeff) – 5 min  
○ Olympia Oysters – No report
- 7:52** Public Comments
- 7:55** **MRC Member Roundtable/Announcements**
- 8:00** Adjourn

### Upcoming Meetings/Events

Feb 6 – 9:00AM-12:00PM Chumsortium, WDFW – Port Hudson  
Feb 18 – 8:30-9:30 AM MRC Executive Committee Meeting – WSU Extension  
Feb 28 – 9:30AM-2:30PM Strait ERN Winter Quarterly Meeting – Red Cedar Hall  
Mar 3 – 6:00-8:00PM Jefferson County MRC meeting – PT Port Commission Meeting Room, Presenter

**Jefferson County Marine Resources Committee  
Port Commissioners Bldg.  
333 Benedict Street, WA  
February 4, 2020 Meeting Minutes**

**Present:**

Neil Harrington, Tribal, Co-Chair  
Frank Handler, District 2 Alt., Co-Chair  
Solenne Walker, District 1  
Emily Bishop, District 1  
Ray RaLonde, District 1 Alt.  
Brenda Johnson, District 2  
Jeff Taylor, District 2, NWS Rep.  
Sarah Fiskens, District 3, NWS Alt.  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Conserv Alt.  
Pam Petranek, *ex officio*, Port of Port Townsend  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Science Alt.  
Greg Brotherton, *ex officio*, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt.  
Judy Surber, City of Port Townsend

**Absent:**

Heather Burns, District 3

**Guests:** Roy Hayes, Jan North, Denis Wang, Kris Clark, Joanne LaBaw, Frank Pupava, Lucas Hart, Wade Crouch, Scott Pearson

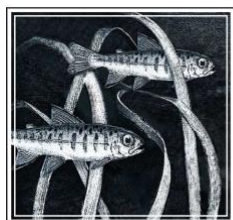
**Staff:** Bob Simmons, WSU Staff  
Monica Montgomery, MRC Coordinator

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-chair Frank Handler called the meeting to order at 6:00 PM. Welcomed new MRC Coordinator, Monica Montgomery. She gave a brief overview of her professional experience and education. There was a round of introductions as guests were present.	A quorum was present.	All members – please sign in and record volunteer hours
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Frank asked for approval/amendments to the Agenda. Jeff Taylor moved to approve with the asked for 5 additional minutes for NWSC meeting report. Nam Siu moved to approve as amended, seconded by Gordon King. Approved as amended.  Betsy Carlson moved to approve January Minutes with a revision to reflect that she arrived on time. Seconded by Troy McKelvey. Approved as amended with Gordon abstaining as he was absent in January.	Nam Siu moved to approve agenda as amended. Gordon King seconded. Motion passed.  Betsy Carlson moved to approve January Minutes with one revision. Seconded by Troy McKelvey. Approved as amended with Gordon abstaining.	
PUBLIC COMMENT	None.		
BoCC REPORT	Commissioner Brotherton – Short legislative session. Last month he noted Shore armoring bill proposed by State SB6147 - he has researched it. It would amend an existing RCW to prioritize removal of shoreline armoring. Other bills of note HB2427 adding Climate Change to GMA. HB2550 going from no net loss to net ecological gain. He would love to discuss further in future. Penn Cove mussels will move out of Quilcene Bay - he would like a future speaker on the topic. Gordon noted Skokomish Tribe had objected to Penn Cove's permit extension. Neil noted that though he is "tribal rep" he only represents Jamestown S'Klallam Tribe. Gordon will call Brotherton to discuss further. County wrapping up CAO Ordinance update. Beginning SMP periodic review. Proposing a citizen advisory group to help identify issues to focus on the SMP.  Tom Madsen approached Commissioner Brotherton with concerns that MRC volunteers may have crossed private property on lower Discovery Bay - Bob noted NWSF has a grant for that area. Sarah noted they may have inadvertently strayed off-	Staff to schedule speaker on Penn Cove topic.  Gordon to call Commissioner Brotherton re: Penn Cove	



	site. Boundary is unclear. For now, the NWSF and MRC has abandoned the site.		
Speaker: Scott Pearson (WDFW)	<p><b>Speaker:</b> Scott Pearson (WDFW) – Topic: Pinniped diet, abundance and trends in the Salish Sea</p> <p>A controversial subject and becoming more heated overtime. We continue to learn more. Scott is a research scientist in the habitat program. He provided an overview of status of pinniped in WA state. The pinnipeds of focus are harbor seals, Stellar sea lions and California sea lions since they have the greatest impact on salmon populations. Tonight, he will focus on harbor seals including their abundance, range, stocks, habits, diet, etc. Trends since the Marine Mammal Protection Act 20 years ago, population grew and then began to level off. In 2000 surveys stopped with the exception of opportunistic survey 2010. In 2019, with tribal funding, conducted another survey. Based on last two surveys, it appears the population has stabilized. Scott responded to questions about Transient Orca eating harbor seals and survey methods. Stellar sea lion population continues to grow. California sea lion populations hit asymptote (population stabilized).</p> <p>In re: diet, concern that pinnipeds diet includes Chinook and Coho salmon. He noted predation is only one of many factors affecting salmon recovery. It's a complex food web. 2016 paper by Chasco et. al. found pinnipeds consumption of salmon had increased significantly in recent years and that their consumption accounts for more than killer whales. But the paper was criticized. New model developed. Found diet varies significantly by season and location, males vs. females. 2016-2018 sampling focused on juvenile salmon consumption. Highly diverse diet. Juvenile chinook salmon only about 1-2% of their diet. So why the concern? Calculated that out, it's about 1,425,000 juvenile chinooks eaten per month. But fish size has a large influence on the consumption estimates. Working on draft paper now that takes size of the Chinook into account. If we do something about harbor seal population, could we alter salmon mortality trends, or would they simply be eaten by something else? Q&amp;A ensued. Seals are being euthanized at Willamette Falls and Bonneville Dams.</p>		
Recent Meeting Reports	<p>January NWSC Meeting (Jeff) - NWSC has rescheduled January symposium to April 3 at Padilla Bay for all MRCs to gather and share projects. Dana Oster is requesting MRC comment on the drafted agenda.</p> <p>WebEx March 6 on Kelp data updates. Kelp workshop on recovery and ecology to be held either March 5 or 13. Contact Jeff if interested.</p> <p>Annual NWSF and NWSC retreat upcoming. Jeff asked for time on March agenda to gather input in advance of the annual retreat.</p>		
Current and Upcoming Projects	<p><b>Sewer Outfall</b> - no report.</p> <p><b>Rain Garden</b> (Bob) Next planting will be in Cape George. Bob is preparing for 2-day training for landscape professionals and volunteers. March 24 and 31. Second project, he is in dialogue with City to see if they want to continue the relationship to accommodate partnership.</p> <p><b>No Anchor Zones</b> (Troy) - Nothing at Mystery Bay. Lost a marker buoy at end of Boat Haven, that's two now. We have coordinates of the anchor locations. Need to get the GPS from WSU. Bryan may have a boat available. Gordon and Troy will coordinate.</p> <p><b>Crabber Outreach</b> (Roy) - no report.</p> <p><b>Kelp Monitoring</b> (Emily) - She was contacted by an individual interested in a scuba survey to assess sea stars in the area that may be impacting kelp.</p> <p><b>Forage Fish</b> (Jeff) Survey delayed. Will conduct in next couple of weeks. Frank noted two new volunteers came out of Beach Naturalist Class.</p> <p><b>Oly Oyster</b> (Neil) Got permits from ACOE for Discovery Bay. Will figure out a schedule and coordinate volunteers to spread the shell.</p>	Master copy of the GPS coordinates to be kept by WSU staff.	

PUBLIC COMMENT	<p>Public Comments - Lucas: NWSC hired a new communications and outreach coordinator, Katie Harris. Job listing for ecosystem coordinator recently closed. This is a temporary position to help Dana. Bills of note, one mentioned previously: HB550 and HB2769 on Derelict boats and lifting spending caps. SB6213 to phase out polystyrene.</p> <p>As Jeff mentioned, NWSC is asking MRCs to respond to a series of questions in advance of the annual retreat.</p> <p>PSP Day on the Hill in late April - Lucas will attend and share our stories.</p> <p>NWSC will contract for communications review of NWSC. Last one was 2009.</p> <p>Gordon is working with Dr. Rosalyn Schoff who may be speaker on plastics.</p> <p>Solenne gave additional info on the Derelict Gear Program. She will provide a handout. This could be a great resource for WBF.</p>		
MRC Roundtable/ Announcements	<p>Roy had 2 recreational announcements: February 1 Black Mouth salmon season opens. 2/29 Shipwrights Regatta</p> <p>2/9 Neil Harrington will speak at Future Oceans series at the Fort Worden Chapel. Topic: Biotoxins.</p> <p>Bob: 1) Monica Montgomery was selected from 16 applicants. As part of the interview process, Monica provided an exceptional presentation on Eelgrass. She officially started 1/27/20. 2) Thanks to Judy who will step down as minutes taker. 3) COAST seabird survey team 2/22 training in Quilcene. Flyers available. Contact Jackie Gardner if interested. Bob will send electronically.</p> <p>Neil: Asked Denis for more information on his group – Denis is member of the Small Craft Association, a group interested in boats under 20 feet, many of them handcrafted. Very active group. They are interested in community service opportunities.</p> <p>2/14 Ray Troll and the Ratfish Wranglers at the Palindrome.</p>		
ADJOURNMENT	Meeting was adjourned at 7:56		



## Jefferson County Marine Resources Committee

## Meeting Agenda Tues, March 3, 2020

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Judy Surber, City of PT  
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### AGENDA

- 6:00** Call to Order
- 6:05** Amendments to/Approval of Agenda  
Amendments to/Approval of Feb 2020 Minutes
- 6:08** Public Comment
- 6:10** BoCC Report (Greg Brotherton)
- 6:20** **Administrative**
- Comments on NWSI retreat questions (30 min)
  - Comments on MRC symposium agenda (5 min)
- 6:55** **Current & Upcoming Projects**
- No-Anchor Zones – no report
  - Crabber Outreach – no report
  - Kelp Monitoring – no report
  - Forage Fish Monitoring – Jeff (1 min)
  - Rain Gardens – Monica (1 min)
  - Olympia Oysters – Neil (3 min)
  - PT Outfall – Dave (20 min)
- 7:20** **Project Planning & Priorities**
- Projects missing leads:
    - Outreach/Education
    - Kelp Monitoring
    - Rain Gardens
    - Shoreline Master Program Update
  - Digging for Dinner
  - Wooden Boat Festival
  - Budget Amendment (2020-2021)
- 7:40** **Recent Meeting Reports**
- February Straits ERN Meeting
- 7:45** Public Comment
- 7:50** MRC Member Roundtable/Announcements
- 8:00** Adjourn

### **Meetings, Events & Dates to Remember**

Mar 6 – 9:30am-12:30pm – MRC Kelp Review via WebEx (Contact Monica for the link)

Mar 24 – 8:30-9:30am – MRC Executive Committee Meeting at WSU Extension Classroom

Apr 3 – 9:30am-4:30pm – MRC Symposium at Padilla Bay

Apr 7 – 6:00-8:00pm – Jefferson County MRC meeting at PT Port Commission Meeting Room

Apr 19-22 – Salish Sea Ecosystem Conference in Vancouver, BC, Canada

**Jefferson County Marine Resources Committee  
Port Commissioners Bldg.  
333 Benedict Street, WA  
March 3, 2020 Meeting Minutes**

---

**Present:**

Neil Harrington, Tribal, Co-Chair  
Frank Handler, District 2 Alt., Co-chair  
Emily Bishop, District 1  
Solenne Walker, District 1 Alt.  
Brenda Johnson, District 2  
Jeff Taylor, District 2, NWS Rep.  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Conserv Alt.  
Pam Petranek, *ex officio*, Port of Port Townsend  
Greg Brotherton, *ex officio*, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt.  
Judy Surber, City of Port Townsend

**Absent:**

Nam Siu, Marine Science  
Ray RaLonde, District 1  
Gordon King, Commercial Interest  
Brent Vadopalas, Marine Science Alt.  
Sarah Fisksen, District 3, NWS Alt.  
Heather Burns, District 3

**Guests:** Dave Peterson (arrived 6:33pm, departed 7:25pm)

**Staff:** Monica Montgomery, MRC Coordinator  
Cliff Moore, WSU Faculty (arrived 6:35pm, departed 7:25pm)

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-chair Neil Harrington called the meeting to order at 06:02 PM.	A quorum was present.	All members – please sign in and record volunteer hours
AMENDMENTS TO/APPROVAL OF AGENDA	Neil asked for approval/amendments to the Agenda. Greg Brotherton moved to approve with the addition of introductions, which was seconded by Troy McKelvey. Approved as amended.	Greg Brotherton moved to approve the agenda as amended. Troy McKelvey seconded. Motion passed.	MRC staff is responsible for making any changes to monthly minutes
APPROVAL OF MINUTES	Neil asked for a revision of the February minutes to delete where his name is listed before Frank's under Amendments to/Approval of Minutes. The text should read: Co-Chair Frank Handler called the meeting to order at 6:00 PM.  Commissioner Brotherton noted that the house bill regarding adding climate change to the GMA is HB2427, not 2447 as listed in the minutes.  Judy Surber clarified for the group that the MRC staff usually makes any proposed changes to the meeting minutes.	Jeff Taylor moved to approve February minutes with two revisions. Seconded by Roy Clark. Motion passed.	
PUBLIC COMMENT	None.		
BoCC REPORT	Commissioner Brotherton – <b>Update on state legislature:</b> SB6147- Passed senate and is on floor of the house. This bill would require shoreline landowners to consider more natural options to shoreline armoring. HB2427- Passed the house and is currently in committee. This bill regards adding climate change to the Growth Management Act (GMA). Moving slowly. HB2550- This bill addresses changing policy from no net loss to net ecological gain. The bill is dead, but a study will start this year to assess feasibility. The county received feedback from the Port Gamble S'Klallam Tribe (PGST) on Critical Area Ordinances (CAO), asking that ecological gain be used as the standard. HB2769- This bill concerns prevention of derelict vessels.  Commissioner Brotherton attended a <b>CAO meeting last night</b> , for which written feedback will be accepted until 3/4/20 at 4:30pm. He reported that it was good to get feedback, and there did not seem to be as much pushback as there has been previously. County officials are fans of adaptive management, but		

	<p>that can be difficult with limited resources. CAO comes out of GMA, and has precedence over GMA.</p> <p>Commissioner Brotherton attended a meeting with WA State Department of Ecology (Ecology) regarding the <b>Shoreline Master Program (SMP) for a periodic update</b>. He reported that it went great. Also in attendance were Tim Gates (policy manager) and Michelle McConnell (local partner), to collaborate with Ecology. County representatives expected to make a case for easing the burden on builders. Ecology, however, came with data on shoreline permits Jeff. Co. has issued, saying that Jeff Co. had way too many conditional use permits for mooring buoys compared with other counties. Usually 60% of permits issued are shoreline development permits, but the ratio in Jeff. Co. is "upside down," meaning that too many permits in Jeff. Co. are conditional. Ecology will work with Jeff. Co. to ease regulations. No net loss is the golden rule but it is heartening to go into the SMP update with Ecology on the same page.</p> <p>Neil clarified understanding of the numbers on the handout Greg passed around demonstrating the ratio of use permits. Too often Jeff. Co. goes to conditional use for basic shoreline development. Requiring conditional use for a residential mooring buoy costs the county a significant amount of overhead, and the process should be much simpler for a basic shoreline use. Solenne Walker noted other permits required for conditional use which tie up resources (Hydraulic Project Approvals (HPAs), Army Corps of Engineers).</p> <p>Timeline- still early in the process. County officials are planning to create a task force to identify issues in the planning phase. Commissioner Brotherton will let the MRC know when this task force is forming, but it is not open yet.</p> <p><b>Update on proposed construction at the Point Whitney boat ramp.</b> Washington Dept. of Fish and Wildlife (WDFW) received \$540,000 in funding through the Recreation and Conservation Office (RCO) to replace the Point Whitney boat ramp. This is an important ecological area, but there have been no proposed site alternatives or design alternatives. The current design is for a 12ft wide, 134ft long boat ramp with concrete mat shoulders. Commissioner Brotherton will be meeting with community members who are excited about the project. County officials feel neutral so far, but are unsatisfied with the lack of alternatives proposed. WDFW has said that for the amount of money available, this is the only option besides not rebuilding at all.</p> <p>Herb Beck Marina (Quilcene) is closest alternative boat ramp. Triton Cove would be the closest to the south.</p> <p>Bryan DeCaterina reported that there is a healthy eelgrass bed in the vicinity. The new boat ramp would go right into it. The boat ramp is being rebuilt because it is in disrepair/almost nonexistent. Bryan only sees people walking dogs or diving at that site.</p> <p>Several members posed the rhetorical question: if you replace the ramp with the same design as the existing ramp then who's to say it would function better?</p> <p>Neil asked how much use it would get. Roy says it used to be used quite a bit more, but much less now as WDFW doesn't have a Point Whitney office anymore. Bryan noted that the Quilcene marina has long lines during fishing openers.</p> <p>Emily Bishop noted that we shouldn't necessarily be opposed to construction of public access boat ramps, because they may be a preferred alternative to permitting private access points. Solenne pointed out that public access points require lots of other resources like parking and bathroom facilities. She stated that ramps promote fuel based water uses.</p> <p>WDFW has started the permit process and this project is still in the beginning phases.</p>		
Administrative	<p><b>Comments on NWSI retreat questions</b></p> <p>Jeff Taylor- Every year there is a retreat to discuss the Northwest Straits Initiative (NWSI) mission. The NWSI is our parent organization, which is in place to help us with projects. They want to know how to better support us, and talk about what</p>	<p>Monica will look into updating the Port Townsend City Council on MRC activities</p> <p>Monica will follow up on Shore Friendly information for Jeff. Co.</p>	

	<p>MRCs can be doing better. Lucas (director of the Northwest Straits Commission, part of NWSI) wanted feedback before the next retreat about what they're doing well, or how they might improve. The following discussion addressed the list of questions.</p> <p>1. Regarding educating county leaders and recruiting county elected officials:</p> <ul style="list-style-type: none"> <li>• Jeff believes we do well with county involvement and recruitment compared to other counties, while other counties may be stronger at getting more people involved with new projects.</li> <li>• Greg thinks we do a great job of educating county leaders on the need for the MRC, and full-time staff support.</li> <li>• Neil thinks we get good involvement from elected officials through Commissioner Brotherton and Port Commissioner Pam Petranek.</li> <li>• Judy says the MRC has been on Port Townsend City Council's radar on and off. Public Works is aware of the MRC. Cheryl, the previous MRC Coordinator, used to do periodic presentations to keep City Council informed- not sure when the last one was. Judy got involved with the MRC during an SMP update to learn more during the process. Judy says it's hard to get on the City Council agenda, so the most effective way is for the MRC Coordinator or otherwise rep to use the City's public comment period to give an overview and state interest in providing a longer presentation if they request it on their agenda.</li> </ul> <p>Regarding recruitment of non-MRC volunteers for projects, a number of volunteers come from the WSU Extension's beach naturalist course, and volunteers specifically for rain garden projects come from the master gardener course. Beach naturalists volunteer on forage fish teams and with olympia oyster activities. Neil thinks we're doing well.</p> <ul style="list-style-type: none"> <li>• Monica thinks many projects don't require more volunteers but looking into recruitment strategies may become more important as we take on more projects.</li> <li>• Solenne asked if Jeff. Co. has an active Shore Friendly program. Darcy McNamara used to run it. May be a useful tool.</li> <li>• Jeff would like to brainstorm more recruitment ideas. Betsy Carlson says Port Townsend Marine Science Center (PTMSC) may be source but just need to coordinate. Jeff wondered if we know any American Canoe Association (ACA) certified kayakers.</li> </ul> <p>Regarding holding joint MRC meetings, we didn't do a joint MRC meeting last year. Two years ago we had a potluck joint meeting with Clallam and Island Counties. In the past, we've done a joint meeting with Clallam MRC hosted at Jamestown. Island County has meetings on the same day as us (first Tuesdays). Joint meetings are usually in the summer.</p> <p>In terms of seeking opportunities to work with Tribes, we have some engagement with the Tribes through projects with Neil and Emily. Troy would like to include the Tribes more. Jamestown S'Klallam Tribe (JSK) is involved in the olympia oyster project. Tribes with Usual and Accustomed fishing areas within east Jeff. Co.: JSK, PGST, Lower Elwha Klallam, Skokomish, Suquamish, Tulalip, Swinomish, Lummi. Tribal connection is okay but could be improved.</p> <p>We have good support from county staff. (Addressing a similar question about identifying staff who are enthusiastic is more applicable to other MRCs which feel less supported.)</p> <p>Regarding development of outreach tools to raise awareness of the MRC, we could do better. Greg noted that while Digging for Dinner is an excellent event, it is not clear to attendees that it is an MRC event. We need to do a better job showing ourselves. Neil noted that the olympia oyster story in the paper is an example of how we can raise our profile, and the paper is always looking for stories. PT Leader writer Lily Haight has an impressive writing ability. Roy asked if we have signage at rain gardens. Some rain gardens have signs, but they may be needed at newer ones. Larger conversation to be continued.</p>	<p>Monica will reach out to Clallam and Island Co. MRC coordinators about a joint meeting</p> <p>Report back after symposium new ideas or thoughts on projects</p> <p>Tell Monica if you want to see anything on the Jeff. Co. website</p>	
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	<p>Regarding recruitment of local, state, federal decision-makers, Neil thinks we have good local representation through county officials as local decision-makers.</p> <p>2. In terms of MRC member recruitment, we recently had a surplus of applicants. Neil is impressed and appreciates everyone stepping up. Turnover is worrisome but we've gained some really good people.</p> <p>3. We don't have a problem cultivating MRC leadership. We have opted to have two chairs. Our co-chairs appreciate being able to trade off leading meetings. It was noted that one county has had a hard time finding a chair. One exercise we can do that another county has had success with, in terms of identifying project leads, is to put up a large piece of paper on the wall and have members place dots next to the projects they would be interested in leading. This was a useful exercise to determine project lead roles and identify gaps.</p> <p>4. MRC members are looking forward to the April 3<sup>rd</sup> symposium, to generate project ideas. Brenda Johnson noted that this is a huge topic, and there needs to be focus on a gap analysis on regional projects that aren't happening, for MRCs to step in. It's hard for new members to propose new projects until they understand where there is need, so the April 3<sup>rd</sup> symposium will be useful. Jeff agrees that the symposium will help to see what other groups are working on, and maybe use some of their ideas.</p> <ul style="list-style-type: none"> <li>Judy gave some history on the early days of the MRCs. Members picked great projects but didn't consider the long-term commitment being made. There needs to be discussion about end dates when scoping out new projects. That's one reason why our group has limited capacity for new projects, because continuing projects still require resources.</li> <li>Monica says having a lead for the Education &amp; Outreach subcommittee to help discuss projects and continuing efforts will be helpful. Organizing a retreat for our MRC may be good to get ideas flowing. Something to look at this year or next.</li> </ul> <p>5. The group was asked if they have any new project ideas.</p> <ul style="list-style-type: none"> <li>Greg proposed forage fish monitoring at the Duckabush River estuary before the large restoration project happening down there. Judy noted that the Northwest Straits Foundation (also part of the NWSI) may be able to get money, but we should consider whether our staff have the capacity to oversee another fund source.</li> <li>Troy proposed a herring hatchery, involving growing eggs in the bay. The angler's club is doing it, and there's one in Mats Mats Bay for bait.</li> <li>Betsy is open to the idea of looking at joint projects with PTMSC.</li> <li>Jeff's neighbor wants to check Discovery Bay for derelict gear. In the past others have reported it's too expensive to remove gear in Discovery Bay. High schoolers have come to our meetings in the past looking for projects to do with their underwater drone. Maybe students would be into visually surveying. Technology is getting a lot cheaper. Multiple school age groups may be into this. There is one robotics group at the high school, and a separate group does the underwater robotics. Betsy may know who to connect with. Solenne is our rep to the Maritime Discovery Schools (MDS) program. Sarah Rubenstein (lead of MDS) would be the one to ask about engaging kids. They're always looking for ideas for older kids. Retrieving lost gear is a separate issue because it requires diving, boats, and disposal areas, but mapping alone is very useful. Tariffs have hit geoduck industry so aquatic land managers are coming up with projects for state divers, and Solenne is finding that having mapped areas on hand is very useful for speeding up recovery actions. No one else volunteered to assist with this project at this stage, but Solenne is willing to liaison at the MDS meeting in April.</li> <li>Judy mentioned the Skillmation program for mentoring students. It involves logging in to the online platform and indicating your interests and ability to contribute, then they connect you with students who are interested. She knows there's a science teacher who is looking for speakers to come.</li> </ul>	
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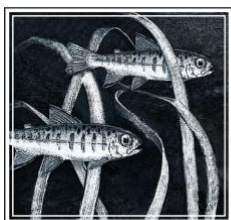


	<ul style="list-style-type: none"> <li>Pam asked what studies have been done on the health of Quilcene Bay. There is concern by residents and frequent beach closures. There's talk of things changing but unsure whether this has been studied. Solenne noted that the County Health Department does monitoring. Neil said herring surveys are conducted by WDFW, there are water quality reports from WA Department of Health, Environmental Health does fecal contaminant source tracking, and Ecology does sediment monitoring. Judy mentioned that Sound IQ may have more monitoring information.</li> <li>Cliff Moore noted that WSU Extension directors received an email that college students are looking for capstone projects, which may be an opportunity to reach out to students. A group of students recently went to PA for code revision projects. Judy said Huxley on the Peninsula has students as well. Neil has worked with students from UW School of Environmental and Marine Affairs in the past.</li> </ul> <p>6. Regarding how the NWS Commission can help, it was noted that supplies like GPS units and forage fish sampling equipment are nice to get.</p> <p>6:33pm Dave Peterson arrived, 6:35 Cliff Moore arrived.</p> <p><b>Comments on MRC symposium agenda</b> Neil stated that it looks like a useful agenda. Brenda gave feedback that it would be helpful to have examples/MRC case studies which have come to fruition and are thought to be successful. This way, people can get the story from start to finish and see what was successful (or not). It helps to know what has been happening on the ground. Greg reports that he received very little on-boarding, and that orientations for new board members is helpful. A book of past projects may be useful.</p> <p>Neil has gone back through NWSC newsletters for historical context. He saw a presentation about olympia oyster restoration near Anacortes at an MRC conference, which inspired him to work on them.</p> <p>Brenda commented that there are project descriptions on the websites of all MRCs but the same project is described in very different ways, such that you can't even tell that it's the same project between counties. A time series analysis of what we've accomplished would be useful. Jeff agreed, and that that would also be a useful project for seeking funding. Solenne commented that the different MRC websites are very useful.</p>		
Current and Upcoming Projects	<p><b>Sewer Outfall</b> (Dave)- There will be a workshop with City Council on Monday March 9<sup>th</sup> 6:30pm. Tonight is an overview, but Dave offered to come back for a more in-depth presentation.</p> <p>Dave is a city engineer but environmental engineer by training with expertise in wastewater. There is a leak in the current PT sewer outfall, and Ecology has ordered the city to replace it. The city was working on it 10yrs ago but got a new permit which requires fixing it. They worked on a new facility plan to then replace the outfall. This went through City Council, the State Environmental Protection Act (SEPA) process, and was accepted by Ecology. Next phase of permitting is with the Army Corps of Engineers.</p> <p>The process for the outfall itself will go through SEPA. The plan is to replace the pipe, restore eelgrass, and monitor recovery for 5 years.</p> <p>Currently, the outfall is thought to be a thriving environment, not causing any adverse impacts. The area experiences lots of mixing, and there has been some controversy over whether there is a gap in bull kelp. Bryan noted that Marine Surveys and Assessments did not find a gap in kelp, but actually kelp was most dense at the outfall.</p> <p>The least expensive alternative is to take material on a barge, lay the pipe, put material back and replant. Kelp grows because of substrate.</p> <p>There will be impacts from construction, and continuing impacts through wastewater. There have been comments on nitrogen in the wastewater which affects kelp. Problems occur when nitrogen</p>	<p>Follow up with Dave about presenting further on the PT City outfall at the next meeting</p> <p>Monica will ask NWSF about "as opportunities arise" question in terms of liability coverage while volunteering with other organizations that align with our Education and Outreach efforts</p>	

	<p>causes an algae bloom and the algae dies and decomposition consumes oxygen. Our outfall has diffusers and is in a mixing zone. It is required to meet water quality standards for mixing. Tests are done at slack tide, so there is even more mixing when currents are distributing water. He doesn't think nitrogen is a significant impact at our outfall because there aren't huge land-based inputs. He believes this is a bigger problem in South Puget Sound.</p> <p>Is there a less detrimental way to construct the outfall? Microtunneling is tough because there is a lot of cobble at this site. It is also risky as it costs several thousand dollars to investigate whether it's possible. If you hit an impenetrable rock you have to start the tunneling process over.</p> <p>Capacity is related to tide level. Long term this will be a pipe we can pump against higher tides. The proposed design is an upgrade from 18-inch pipe to 24-inch pipe.</p> <p>The cost will be \$3-4 million for cut and cover. Cost would be twice that to microbore with the possibility of failure, and they would still need to cut-and-cover where the diffuser would be placed. On-land options aren't feasible because there isn't a use for the water. Port Hadlock is looking at an option that will cost \$15 million, which would be much more expensive in Port Townsend since the city has a larger population. Aquifer recharge was addressed. It is not possible to line existing pipe, because a temporary pipe would be needed and would cause its own impact.</p> <p>They could go out another 500 ft but that involves impacting more kelp, without getting a significant change in dilution. There may be better uses for the amount of money it would take to extend the pipe.</p> <p>Bryan noted that since restoration is such an unknown for kelp species, impacted kelp would probably be considered a loss.</p> <p>The group agreed it would be great to get a longer presentation.</p> <p><b>No Anchor Zones</b> – no report</p> <p><b>Crabber Outreach</b> – no report</p> <p><b>Kelp Monitoring</b> (Jeff) - Someone asked a question about kayak insurance to Don Hunger (NWSF director). In the future, we may need an ACA certified guide present for surveys. Alan Clark (Clallam MRC) is working with Dana Oster (NWSC project manager) and Don to figure it out. There is an associated expense, so either Don will change his answer about requiring this, or we need to look at funding. We may look to the kayak guide guy at Fort Worden, or another connection who Betsy knows. This may end up being a paid position.</p> <p><b>Forage Fish</b> (Jeff) – WDFW is piloting a tablet- and smart phone-based form for data entry and management, which will save an hour of data entry for the person who used to send in data.</p> <p>Looking at starting a new index site at Dabob Bay. Lisa Hillier is coming up on the 18<sup>th</sup>, to assess the site as well as train MRC volunteers in using the new form. Sarah Fiskien will recruit new volunteers.</p> <p>The MRC currently has one index site (Discovery Bay), and will be doing one last year of monitoring at Fort Townsend State Park.</p> <p><b>Rain Gardens</b> (Monica) - Bob worked with a city engineer to list potential sites for the next rain garden installations. The master gardener coordinator sent postcards to 80 professionals about the upcoming rain garden training workshops. So far, 11 volunteers have also signed up, committing 10hrs of volunteer service.</p> <p><b>Oly Oysters</b> (Neil) – This year they will add shell at Discovery Bay at the spit and lagoon side and under the power lines. Neil will talk to Gordon about getting shell from Taylor Shellfish. He checked on last year's babies, which settled on shell spread at the spit last spring and they were covered in olympia oysters.</p>	
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	Cliff and Dave departed at 7:25 pm.		
Project Planning & Priorities	<p><b>Projects missing leads</b> (Education &amp; Outreach, Kelp Monitoring, Rain Gardens, Shoreline Master Program Update)</p> <p>Brenda volunteered to be the Education&amp; Outreach (E&amp;O) lead.</p> <p>Other members can/should lead smaller projects under the E&amp;O umbrella. Annual plan was due in January for E&amp;O, so this subcommittee should meet to discuss plans.</p> <p>Judy reminded the group that if you have a majority of people from the overall MRC on the subcommittee, then meetings are subject to the Open Public Meeting Act and need to be noticed.</p> <p>Solenne is attending MDS meetings and involved with an additional education project with Cheryl. Sarah (MDS) wants to do a presentation in May or June. Monica is meeting with her soon.</p> <p>Everything has an outreach component. Monica will talk to someone at NWSF to have a heading for "as opportunities arise" regarding liability coverage of external outreach opportunities that align with E&amp;O efforts.</p> <p>Brenda inquired what being the lead means. Neil responded that in general, the lead can work with the MRC staff to set up subcommittee meetings, then fill in the calendar at said meetings. Staff involvement can be project dependent as some projects operate independently. At the beginning of leading a project, work closely with MRC staff.</p> <p>Cheryl offered to give an orientation to the Jeff. Co. MRC for new folks. Bryan, Roy, Brenda, Frank, Monica, and Betsy were interested, but absent members should be polled for interest.</p> <p>Monica will lead forage fish at Fort Townsend State Park because it's the last year. Jackie Gardner will manage email list.</p> <p>Emily volunteered to be kelp monitoring lead. Jeff would like to pass off data entry responsibilities.</p> <p>Rain Gardens- Judy will be tentative lead depending on how much volunteer coordination Bob or MRC staff will still do. She can coordinate locations with city public works, and may also be able to help out with county. Port Commissioner Petranek can help point out to port properties that may be candidates.</p> <p>Judy is staff lead on SMP update for the city. How the MRC interacts will be differently between city and county based on how much money they have to fund public participation. What kind of input does the MRC want to have? At the staff level, some revisions are planned which have been problems for staff and stakeholders. For example- the approval process for raising the height of bulkheads, and the extent to which sea level rise is addressed. Neil asked if presentations from city and county are possible to get updates and gauge how much input the group would like to have. Having Judy as report out on the agenda may be useful to keep in the loop without anyone making the commitment to be project lead. Solenne would like to hear SMP updates to compare with other counties.</p> <p>Solenne asked what events are the MRC committed to every year. Notable events are listed below.</p> <p><b>Digging for Dinner</b> We would like to do two events this year, depending on availability of WDFW staff. There has been talk of moving locations because popularity increased harvest pressure which ended the season early at that site. Camille Speck (WDFW) may suggest moving it around.</p> <p><b>Wooden Boat Festival</b> Yes, we are doing it.</p> <p><b>Searching for Seaweed</b> Was a good event. Does cost some money. Nancy Slick was hired to guide the event, and she also teaches about edible wild plants at the Food Co-op.</p> <p><b>Budget Amendment (2020-21)</b> April 10<sup>th</sup> deadline. Monica mainly wants amendments for 2<sup>nd</sup> fiscal year. WA state funds need to be spent by the end of June. Money is available by</p>	<p>Brenda will lead Education &amp; Outreach</p> <p>Emily will lead Kelp Surveys</p> <p>Monica will lead Fort Townsend State Park Forage Fish Monitoring</p> <p>Judy will liaison with county and city on rain gardens, will discuss commitment with Bob to consider being official Rain Garden project lead</p> <p>Judy will give periodic SMP updates. Exec Committee should check when she would like to be on the agenda.</p> <p>Monica to set up orientation with Cheryl Lowe for new members</p> <p>Emily will coordinate with Jeff to pass off entry of the Kobo Toolbox data. Keep Solenne in the loop as well.</p> <p>Monica will check in with team leads to spend money. Progress update to be completed at next meeting.</p> <p>Find dates WDFW staff are available for Digging for Dinner</p>	

	<p>project. Let Monica know if we have ideas for spending funds through June 30. Neil reports that the olympia oyster project will buy shell with their project's money, and contractual funds may be used on boats.</p> <p>For the second fiscal year, need to determine funding needs for monitoring projects, education and outreach and Olympia oysters. Monica filled it in tentatively using the first year's awarded amount. Mull it over and talk about it ideally before the next meeting, otherwise she will work with project leads.</p>		
Recent Meeting Reports	<p>February NWSI meeting (Jeff) - Met by WebEx and discussed kayak insurance issue.</p> <p>February Straits ERN Meeting (Neil/Monica) – Presentation by Paul Cereghino with NOAA Restoration Center, about improving processes around projects. WSU was awarded the Strait ERN LIO NEP allocation which will fund the Stream Stewards course. North Olympic Salmon Coalition (NOSC) got funding as well.</p>		
PUBLIC COMMENT	Public Comments – none.		
MRC Roundtable/Announcements	<p>Coffee with Port Townsend City Manager 9-10:30am Fridays in March starting 3/6/2020 at Sunrise Coffee.</p> <p>Betsy attended a training on fecal contamination monitoring of public swimming beaches through Washington State's BEACH program. PTMSC monitors Fort Worden. County monitors Oak Bay County Park, Herb Beck Marina, and may begin to monitor Mystery Bay. North Beach is not monitored. There should be a sign at North Beach saying there's a sewage outfall.</p> <p>Judy attended a day and a half workshop about flood proofing historic buildings in Tacoma/Olympia. The workshop was mostly for architects but focused on sea level rise and storm damage. They had maps of inundation and discussed evaluating when it is no longer economically feasible to maintain coastal buildings. There are cases where property is within 3 mortgage cycles of becoming worthless. She shared the statistic that 30% of gulf coast wetlands and 65% California beaches will be gone by 2100. Retreat may be the only option in some cases. Tuesday seminars are available through the coastal network website <a href="http://washingtoncoastalnetwork.org">washingtoncoastalnetwork.org</a>.</p> <p>Emily and Neil are planning to attend the Salish Sea Ecosystem Conference.</p> <p>Bryan shared that a forage fish survey training happening at Padilla Bay through the Coastal Training Network.</p> <p>Next meeting will be April 7<sup>th</sup>.</p>		
ADJOURNMENT	Meeting was adjourned at 8:04.	Commissioner Brotherton moved to adjourn, seconded by Troy McKelvey. Motion passed.	



## Jefferson County Marine Resources Committee

## Meeting Agenda Tues, May 5, 2020

6:00-8:00PM

\*\*\*Meeting held via conference call\*\*\*

### Officers/Executive Committee:

Neil Harrington, Co-chair  
Frank Handler, Co-chair  
Jeff Taylor, NWSC Representative  
Sarah Fisksen, NWSC Alternate

### MRC Members:

Emily Bishop, District 1  
Ray RaLonde District 1  
Solenne Walker, District 1 Alt  
Brenda Johnson, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2 Alt  
Heather Burns, District 3  
Sarah Fisksen, District 3  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Cons Alt  
Pam Petranek, Port of PT  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Sci Alt  
Greg Brotherton, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt  
Judy Surber, City of PT  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is

### Staff:

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### AGENDA

- 6:00** Call to Order - Introductions
- 6:10** Amendments to/Approval of Agenda  
Amendments to/Approval of March 2020 Minutes
- 6:13** Public Comment
- 6:15** BoCC Report (Greg Brotherton)
- 6:25** **Administrative**
- MRC Conference postponed to 2021
  - Virtual MRC Symposium (bi-weekly)
  - NWSF Opp fund suspended
- 6:30** **Presentation**  
Nam - PT outfall overview
- 6:50** **Current & Upcoming Projects**
- No-Anchor Zones – Troy (5 min)
  - Kelp Monitoring – Emily (5 min)
  - Forage Fish Monitoring – Jeff (2 min)
  - Rain Gardens – Bob (10 min)
  - Olympia Oysters – Neil (5 min)
  - Crabber Outreach – Roy (3 min)
  - Shoreline Landowner Outreach – Sarah (5 min)
  - Education & Outreach – Brenda (20 min)
- 7:45** Public Comment
- 7:50** MRC Member Roundtable/Announcements
- 8:00** Adjourn

### Meetings, Events & Dates to Remember

May 6 – Kelp Workshop (Details TBD)

May 7 – 3:30-5:30pm – Virtual MRC Symposium Web Series #2

May 8 – 9:30am-12:00pm – Strait ERN LIO Spring Quarterly Meeting (RSVP with John Cambalik)

May 18 – 8:30-9:30am – MRC Executive Committee Meeting

May 21 – 3:30-5:30pm – Virtual MRC Symposium Web Series #3

May 29 – 6:00-8:00pm – NWSC Meeting

June 2 – 6:00-8:00pm – Jefferson County MRC meeting

# Jefferson County Marine Resources Committee

## Virtual Zoom Meeting

### May 5, 2020 Meeting Minutes

**Present:** Neil Harrington, Tribal, Co-Chair  
 Frank Handler, District 2 Alt., Co-chair  
 Emily Bishop, District 1  
 Brenda Johnson, District 2  
 Jeff Taylor, District 2, NWS Rep.  
 Betsy Carlson, Envir/Conserv  
 Bryan DeCaterina, Env/Conserv Alt.  
 Troy McKelvey, Recreation  
 Sarah Fiskien, District 3, NWS Alt.  
 Brent Vadopalas, Marine Science Alt.  
 Nam Siu, Marine Science  
 Roy Clark, Recreation Alt.  
 Greg Brotherton, *ex officio*, BoCC  
 Gordon King, Commercial Interest

**Absent:**  
 Ray RaLonde, District 1  
 Heather Burns, District 3  
 Pam Petranek, *ex officio*, Port of Port Townsend  
 Judy Surber, City of Port Townsend  
 Solenne Walker, District 1 Alt.

**Guests:** Cheryl Lowe, Sasha Horst

**Staff:** Monica Montgomery, MRC Coordinator  
 Bob Simmons, WSU Staff

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-chair Frank Handler called the meeting to order at 6:05 PM.	A quorum was present.	All members – please send volunteer hours to Monica
AMENDMENTS TO/APPROVAL OF AGENDA	Frank asked for approval/amendments to the Agenda. Sarah Fiskien moved to approve, which was seconded by Nam Siu. Approved without amendments.	Sarah moved to approve the agenda as amended. Nam seconded. Motion passed.	
APPROVAL OF MINUTES	Frank asked for approval/amendments to the March Minutes. Nam moved to approve, which was seconded by Co-Chair Neil Harrington. Minutes passed as is.	Nam moved to approve March minutes. Seconded by Neil. Motion passed.	
PUBLIC COMMENT	None.		
BoCC REPORT	<p>Commissioner Brotherton – Supporters of the Point Whitney boat ramp project from Brinnon solicited a letter of support from the Skokomish Tribe, which has allowed the project to move forward. County staff had hoped to encourage an above grade boat ramp design, but boat ramp will go forward with the design as is.</p> <p>Updates regarding the COVID-19 pandemic: recreational fishing opened today. Jefferson County is one of ten counties with the option to apply for a variance to move on to Phase 2. County officials are moving towards this with measured progress. Kitsap has already submitted for variance, but Jefferson is still considering pros and cons. The County is able to choose which aspects of Phase 2 they would like to apply for, meaning they don't have to commit to all of Phase 2 all at once. There will be a public GoToMeeting tomorrow (5/6/20) with City of Port Townsend and Board of Health to discuss whether to apply for variance. Jefferson Healthcare and Public Health Dept. will comment at the meeting. Jeff. Co. Public Health Officer Tom Locke will put a proposal together to go through the Board of Health, which can make any modifications deemed necessary to send to the Board of County Commissioners (BoCC) for final vote. Given the proximity of Jeff. Co. to Seattle, tourism is a big concern. We don't want to move too fast, or endanger the community, but at the same time, lots of people say we need to open. BoCC is looking for feedback on the nuances of different sectors to understand which ones may open safely.</p> <p>Betsy Carlson asked about the Point Hudson breakwater. Given that the Wooden Boat Festival has been cancelled this year, maybe this is a window to replace the breakwater without disrupting community events. Greg noted that this was a good point, and he is having conversations with county staff about what opportunities may arise to improve capital while things are shut down.</p>		

	<p>Jeff Taylor said he appreciates the good information coming from Dr. Locke on KPTZ Monday mornings. Greg praised the leadership the Public Health Dept. is providing during the COVID-19 pandemic.</p>		
Administrative	<p>Monica- <b>MRC Conference postponed until 2021</b></p> <p><b>Virtual MRC Symposium</b> Second symposium is this Thursday (5/7/20). Symposium continues every other week through July.</p> <p><b>Northwest Straits (NWS) Foundation Opportunity Fund suspended</b> due to COVID-19 pandemic.</p> <p>Judy Surber is stepping back from the MRC while City employees are furloughed, due to her corresponding increase in workload. She has requested to be kept out of emails.</p> <p>Monica is looking into liability concerns for our projects. WSU insurance cannot cover MRC activities. Cliff Moore (WSU Ext. Director) is directing us to contract out dive work while liability coverage is unclear with the County. Working on the beach may be covered under L&amp;I through the County, but on-the-water activities such as kelp monitoring might not be covered once volunteers leave the shore. L&amp;I suggested looking into maritime insurance.</p> <p>Gordon King believes any activities out of a boat come under the Jones Act, therefore will not be covered by L&amp;I. Sarah said that may just be for commercial operations. Given that L&amp;I is insurance for employees, there was a question of why L&amp;I covers volunteers at all.</p> <p>County HR explained that MRC members are considered to be unpaid employees by Jeff. Co. so that's why we are covered under L&amp;I for activities off the water. Bryan DeCaterina said that at his work they have USL&amp;H insurance to cover anything on-the-water.</p> <p>Bob explained that WSU doesn't cover MRC volunteers, but does cover volunteers for programs directly under the WSU umbrella.</p>	<p>Monica to check with other MRC coordinators about how they deal with kelp survey liability.</p>	
Presentation: Nam Siu	<p><b>PT Outfall Overview</b> (Nam) – There has been lots of turnover since the last update on this project, so it was time for a refresher on the background and status. The MRC exec committee wants Dave from the City to present on this again, but he and others from his office have already presented on this repeatedly. Nam thinks we shouldn't request another presentation until there is something new to present, such as a mitigation plan, so as not to waste anyone's time.</p> <p>The purpose of this effort by the MRC is to review the City of Port Townsend's proposed project for a new sewage and storm water outfall pipe. Nam brought this to the group last year because the location of the outfall is adjacent to the subsection of kelp bed we monitor at North Beach. The kelp bed at North Beach is the largest bed in Jeff. Co. and one of the healthiest in the state. Last year, the City of PT started engaging with regulatory agencies to replace its sewer outfall, which is currently ~1000ft offshore from the North Beach boat ramp due north. Waste is treated to secondary level (tertiary involves removal of nutrients). The current pipe is in bad shape; it is broken and leaky and visible at low tide. People often misidentify the Chinese Gardens outfall, which is further east from the boat ramp, but the sewage outfall is directly next to the ramp. The outfall pipe needs to be repaired, and the City has proposed to replace it. The latest proposal involves shortening the pipe closer to shore (though Nam was not sure not sure if Dave had an update on this).</p> <p>There are two main concerns regarding this proposal. The first is continued long-term discharge of waste into a kelp bed. Published literature shows detrimental effects of nutrient loading on kelp. The second concern is the acute effects of disrupting habitat to install the new pipe. The last proposal involved digging a 40-50ft wide swath 1000ft from the boat ramp through eelgrass surfgrass and kelp, with additional buffer impacted. These species of submerged aquatic vegetation are of significant concern for the state, and are nursery habitats for juvenile marine species. The MRC should review this project to help the City complete its goals in an environmentally friendly way.</p> <p>Frank noted that he attended a public comment period in the past where City commissioners appeared to be taken by surprise that the public had concerns over the proposed pipe replacement. City officials referred to a consultant report that was completed at some point - Frank wondered when that was completed and what the goals of the report were, such as</p>	<p>MRC members should make notes about questions or concerns regarding the outfall pipe replacement proposal, to ask during future presentations or to pose in public comment letters.</p>	

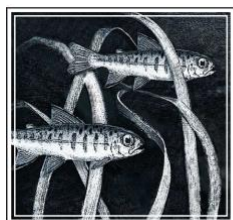


	<p>whether the consultants had been asked to consider alternatives to replacing the pipe. Nam believes that that is still an unanswered question: does the pipe need to be replaced at all? Are there any viable alternatives to offshore discharge? The consultant report was completed in 2009, at which point they concluded that other options were too expensive and not feasible. Nam believes that information is now out of date, and technology has decreased the price of upland options within the last 5+ years.</p> <p>The City proposed this project to state agencies at the end of 2009. The state Dept. of Natural Resources (DNR) and Dept. of Fish and Wildlife (WDFW) responded to the City's pre-project application with a letter making the same points that we're bringing up now. It's concerning to Nam that the City has been aware of these issues since 2010 but has not taken steps to address them. In the meantime, other projects took precedence, so this was on the backburner. But now the issues with the pipe have gotten to the point where they need to address it. Unfortunately the proposal is pretty much the same as it was back in 2009, therefore the concerns are still the same.</p> <p>The public hearing Frank referred to was held by the City to update its Wastewater Facility Management Plan, which was a required step prior to applying for an update to the pipe. Several people made comments and raised concerns at the hearing. City Council members were surprised by concerns because they were not familiar with the feedback previously given on the project. They were motivated not to slow down the process because the state Dept. of Ecology (DOE) was requiring an update to the Management Plan before further development and permitting. The public comment period was only 14 days so the MRC wasn't able to submit a letter.</p> <p>Further permits and future comment periods are upcoming. The outfall subcommittee is drafting letters to submit when a comment period opens. The MRC had discussed submitting a letter about the Wastewater Management Plan after the comment period had closed, but ultimately decided not to finalize the letter until the City comes back again to present on a mitigation or impact plan. It will be important to keep an eye on the timeline so we don't miss future comment periods.</p> <p>Greg noted that we had also discussed that the MRC is advisory to the BoCC, so any letter the MRC wants to submit needs to go through the County for approval before submitting to the City.</p> <p>Bob Simmons reminded the group that alternative strategies have been discussed at previous meetings. Nam said other options might not be possible, but so far the City's geotechnical analysis has only gone down to the tide line. 90% of the proposed length is subtidal, so the City needs to provide data about the subtidal area before saying alternative drilling techniques aren't viable.</p> <p>Neil noted that consultants told the City that the pipe needs to be 10ft underground, which may be driving the width of the swath. 10ft seems like overkill. They said this was to protect the pipe from anchor strikes, which shows the consultants lacked local knowledge. Directional drilling may work if the area is not too erratic. Randy Johnson (Jamestown S'Klallam) looked into it in Sequim, where they directionally drilled for 600ft in Washington Harbor through mud. Directional drilling was tricky but ended up being cheaper and/or less complicated in the tidal environment.</p> <p>Nam does not believe the pipe necessarily needs to be buried at all. Once you get subtidal there is not much sediment movement. No boats anchor at North Beach, certainly not ones big enough to damage a pipe. If the City invested in tertiary treatment, that may reduce the amount of wastewater and therefore the need for a new, larger diameter pipe.</p> <p>Gordon reminded the group that DOE has upcoming changes in standards for wastewater treatment. Nam expanded on this, saying that DOE put out a warning last year that they are about to update requirements for outflow in Puget Sound. Nutrient loading is considered by some to be the biggest threat to the Puget Sound, by far. DOE knows this, and is about to change regulations for stricter standards. This is coming down the pipeline, so why spend money on a system that won't conform to the new rules?</p> <p>Nam addressed a point made by Dave during his presentation at the March MRC meeting. Dave indicated that nutrient loading has only been shown as a problem in South Sound, but Nam pointed out that there have not been studies of nutrient impacts on kelp in the Strait. Puget Sound studies have been done in South Sound, so that's why those are</p>		
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	<p>the areas with data showing it's an issue. Regional research (from California, etc.) shows a negative impact to kelp from high nutrient loads. High inputs of nutrients promotes weedy species that outcompete kelp.</p> <p>Nam and Neil discussed that the City has not been very clear about how close the current pipe is to capacity. Apparently, the City is projecting less water output in the future, in response to water conservation efforts, but has also rejected proposals to line the current pipe, citing a need for a larger diameter to accommodate future growth.</p> <p>MRC members should make note of questions to ask as the process moves forward.</p> <p>Steps remaining in the process: The City is in pre-app right now with agencies, to fine tune the project proposal. Agencies have raised concerns which have not been addressed. The City will submit an application to its own Dept. of Development for local permits which includes State Environmental Protection Act (SEPA) review. SEPA is where we will make public comment. Once SEPA determination is made, the City will need a hydraulic permit from WDFW, and simultaneously one from the Army Corps which coordinates with NOAA for federal review. It will also need a Shoreline Substantial or Conditional Use permit from Jeff. Co. WDFW and the County will have comment periods. It will be best to comment on local applications, but we can comment on state and federal permits as well, if we feel it is needed.</p> <p>Lingering question: do we know the anticipated application date from Dave? This will help us keep an eye on the comment deadlines.</p>		
Current and Upcoming Projects	<p><b>No Anchor Zones</b> (Troy) – Emailing with the group to make plans. The group intends to go out Saturday to replace the missing buoy, take out winter buoys, and deploy summer buoys. Bryan may be able to use his work boat after talking to coworkers tomorrow. Weather is good, and more boats are anchoring out there every day. It would be good to get the big buoys back in this weekend in front of town, then move on to Port Hadlock and Mystery Bay. Don't need to dive to put in many of the buoys, but we haven't checked the connections for a year so would be good to check with a diver. Monica noted that Cliff says we need to contract the dive work, so she will continue discussions to see what is possible. Troy has GPS coordinates for the missing buoy.</p> <p><b>Kelp Monitoring</b> (Emily) – Emily and Jeff attended a virtual kelp meeting in March organized by the NWS Commission to go over the 2019 kelp survey season. The kelp subcommittee met via Zoom to go over the protocol with new members and to make a plan for the beginning of the season. Tomorrow (5/6/2020) there is a virtual kelp workshop hosted by the Commission to prep for the 2020 field season, which will involve a safety training. The safety training will be recorded and mandatory for any volunteer to watch before going out on a kelp survey. The subcommittee will likely do a dry-run survey in May, then plan for the first official survey in June.</p> <p><b>Forage Fish</b> (Jeff) – Continuing to take samples, which are stacking up because WDFW labs are closed. Training for data entry with an iPad was cancelled because of COVID-19. Jeff looked with a microscope app on his phone and didn't see eggs in the samples he's storing. They typically see eggs mid-winter at Adelma Beach.</p> <p><b>Rain Gardens</b> (Bob) – Hopes to do 2 installations this year. Working with the City to identify potential sites before the COVID-19 pandemic began. The subcommittee will now consider public visibility, stormwater management, and maintenance (hopefully by an active willing landowner) for each site. The subcommittee should meet within the next week and a half to discuss site options. New subcommittee members are welcome.</p> <p>A rain garden at Cape George was initiated with money from the NWSF Opportunity Fund. Some plants have been purchased already, but then the funding was pulled. Work will continue with Commission funding as it was already underway, and fits within the grant's scope. Part of the plan was an educational activity, originally set to be a 2-day in-person training, but now scaled back to two half day online sessions. Hoping to carry that forward.</p> <p><b>Oly Oysters</b> (Neil) – We have the budget to acquire shell this year, which we should do, but it may be challenging to plan a volunteer event to spread the shell. There will be a subcommittee meeting in the next couple of weeks, since we're getting into low tides now. Likely will be spreading shell in Discovery Bay in June/July. Gordon believes it will be possible to buy shell now and spread it later, but that discussion may</p>	Monica to work on contracting out the buoy maintenance.	

	<p>have to take place at the end of May. Shell spreading may not happen with the usual bag format. Gordon suggested a committee meeting on the 20<sup>th</sup> of May. Neil will start looking at potential days to put on the calendar for the seed drop off.</p> <p><b>Crabber Outreach</b> (Roy) – Met with Monica to discuss modifying outreach in light of the pandemic situation. They may stream the crabber outreach presentation online. Don't want people standing at boat ramps, or face-to-face interaction. Jason from the NWS Foundation suggested creating a video instead of the workshops.</p> <p><b>Shoreline Landowner Outreach</b> (Sarah) – Talked with Monica, and Melanie and Lisa from the NWS Foundation in March. Focusing on education but may do bulkhead removals as well, if potential sites can be identified. Hoping to run programs in late August-early September. The Foundation mailed informational postcards to new waterfront property owners. It is probably time to check back in with Lisa to see if anything else is going on.</p> <p><b>Education and Outreach</b> (Brenda) – After the March meeting, Brenda and Monica built on the 2019 Education and Outreach plan and drafted a strategic plan for 2020. In April, the team met a couple of times to brainstorm as well as revisit successes and challenges of past activities. Wanted to generate socially distanced ideas. There was discussion about whether to spend any, all, or only some of the 2019-2020 funding. The group distilled contract commitments for 2020 into a list of priority purchases and actions that need attention. It made sense to combine all education and outreach into one spending plan (sent as attachment in meeting reminder email). They welcome comments and revisions. This includes proposal to spend state money (\$9,900) which expires by the end of June. During this process, they retained a list of old and brainstormed ideas to draw from in the future.</p> <p>Brenda reviewed the list of proposed expenses, which were split into 5 categories: ads, project videos, website update, print handouts, and booth updates. Even with proposed spending we still have \$1000 leftover. There are also federal funds available through September.</p> <p>Neil commented that in the past the MRC produced postcards, which were nice because you could send them to others for them to learn and enjoy. Sasha Horst confirmed that it is possible to do such printing with the current funds as long as the required logos are displayed.</p> <p>Jeff brought up an effort from the NWS Commission to improve communication about who we are and what we do. Sasha clarified that the NWS consultant is focused on overall the initiative, not specific MRCs or projects, but there may be opportunities for some common messaging. 1<sup>st</sup> phase is a communications audit to determine what's most effective. Then, an ad hoc communications committee will be formed which people can join if interested.</p> <p>Gordon proposed that we should determine the target audience before creating project videos. Greg offered to assist with video creation and says the County's Facebook and YouTube accounts offer ways to get content to whomever we target. It would be great to host the videos directly from the MRC website but other platforms may be better for making their availability known. Greg noted that the County recently created a county-wide policy for creating social media accounts to have a process for getting information out there.</p> <p>Neil observed that some projects don't have dedicated artwork such as kelp/forage fish (Olympia oysters and eelgrass have nice posters already). Brenda says there is kelp related artwork in the archives. Monica reports that it cost \$2-3k for previous artwork. This could be an option if people want to sacrifice video funds for artwork.</p> <p>Bob clarified that the vision is for videos to be only 2.5-3min, that's why the budget for each is so low. They would be short and simple: describe a problem, state that our local group is doing something, and here's what we're doing. He suggested that Greg could edit even shorter clips to help them go viral.</p> <p>Troy suggested money for a monitor to view microscope images at our booth. Sasha says that shouldn't be a problem for funding. Monica noted that Brent Vadopalas picked out microscopes with a USB output for this very reason. Could use laptops or buy dedicated monitors for this.</p>		
Recent Meeting Reports	<p>April NWSI meeting (Jeff) – Meeting and virtual retreat were held last week. A project is happening in Drayton Harbor similar to what we do.</p>		

	<p>The NWS Commission Science Advisory Committee decided that kelp and forage fish will be the two Actions-to-Impacts projects to study.</p> <p>Bob - Strait ERN Meeting will be this Friday via zoom. Nobody volunteered to represent the MRC.</p> <p>Chumsortium: the Kilisut Harbor restoration project is progressing, it is considered a priority project by the state. They need to do in-water work during the Aug-Sept fish window, then the project is set to finish in the fall. The North Olympic Salmon Coalition (NOSC) is working with Jefferson Land Trust and landowners in Discovery Bay to acquire and protect water side parcels. WDFW already owns some of it. The trucking area is one of the parcels. NOSC and the Land Trust are working to protect the whole lower end on the water side of Highway 101 in Discovery Bay.</p>		
PUBLIC COMMENT	Public Comments – none.		
MRC Roundtable/ Announcements	<p>Frank's neighbor at Kala Point found a dead European Green Crab on the beach. Neil reports that WDFW will do response trapping at Kala Point as soon as they can, probably beginning of June. The Kala Point green crab team did not catch any in April, but the one found was being eaten by a seagull so they don't know exactly where it's from. WDFW hired 3 new techs for response trapping in Puget Sound, Drayton Harbor, Willapa, and Grays Harbor. The Makah Tribe has funding to keep trapping going in Makah Bay, and the Lummi Tribe also received funding and may help at Drayton Harbor.</p> <p>Neil recommends we attend upcoming MRC symposiums.</p> <p>Betsy advertised a Port Townsend Marine Science Center (PTMSC) live Facebook event on Wednesday at 2pm. There is also a BioBlitz happening on Saturday, May 9<sup>th</sup>, which is an effort to record/photograph every organism at Ft. Warden. Frank noted that PTMSC has great outreach for kids at home.</p> <p>Monica asked if anyone was familiar with the address <a href="mailto:jeffcomrc@online.com">jeffcomrc@online.com</a>. Nobody recognized it.</p>		
ADJOURNMENT	Meeting was adjourned at 8:02PM. Next meeting will be June 2 <sup>nd</sup> .	Betsy moved to adjourn, seconded by Neil. Motion passed.	



## Jefferson County Marine Resources Committee

**Meeting Agenda**  
**Tues, June 2, 2020**  
**6:00-8:00PM**

**\*\*\*Meeting held via conference call\*\*\***

### **Officers/Executive Committee:**

Neil Harrington, Co-chair  
Frank Handler, Co-chair  
Jeff Taylor, NWSC Representative  
Sarah Fisksen, NWSC Alternate

### **MRC Members:**

Emily Bishop, District 1  
Ray RaLonde District 1  
Solenne Walker, District 1 Alt  
Brenda Johnson, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2 Alt  
Heather Burns, District 3  
Sarah Fisksen, District 3  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Cons Alt  
Pam Petranek, Port of PT  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Sci Alt  
Greg Brotherton, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt  
Judy Surber, City of PT  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is

### **Staff:**

Monica Montgomery, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
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[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[jeff.co.mrc@gmail.com](mailto:jeff.co.mrc@gmail.com)

### **AGENDA**

- 6:00** Call to Order – Introductions
- 6:05** Amendments to/Approval of Agenda  
Amendments to/Approval of May 2020 Minutes
- 6:07** Public Comment
- 6:10** **Guest Speakers**  
Rebecca Welti & Anna Young: How art can be used to communicate science
- 6:45** BoCC Report (Greg)
- 6:55** Port of PT Updates (Pam)
- 7:00** **Administrative Updates** (Monica)
  - County guidelines & MRC activities
  - Budget amendment
  - Reporting monthly volunteer hours
- 7:05** **Recent Meeting Reports & Issue Updates**  
NWSC Meeting & Retreat (Jeff)  
Strait ERN LIO Spring Quarterly Meeting (Bob)
- 7:15** **Current & Upcoming Projects**
  - Kelp Monitoring: Emily (5 min)
  - Forage Fish Monitoring: Jeff (2 min)
  - No-Anchor Zones: Troy (5 min)
  - Rain Gardens: Bob (5 min)
  - Olympia Oysters: Neil (5 min)
  - Education & Outreach: Brenda (6 min)
  - Crabber Outreach: Roy (2 min)
  - Shoreline Landowner Outreach: N/A
- 7:45** Public Comment
- 7:50** MRC Member Roundtable/Announcements
- 8:00** Adjourn

## **Meetings, Events & Dates to Remember**

June 4, 9:00 - 11:00am – Chumsortium

June 4, 3:30 - 5:30pm – Virtual MRC Symposium Web Series (Clallam MRC)

June 18, 3:30 - 5:30pm – Virtual MRC Symposium Web Series (Snohomish MRC)

June 23, 8:30 - 9:30am – MRC Executive Committee Meeting

June 26 – NWSC Meeting

July 7, 6:00 - 8:00pm – Jefferson County MRC meeting via Zoom (Tentative)

**Jefferson County Marine Resources Committee**  
**Virtual Zoom Meeting**  
**June 2, 2020 Meeting Minutes**

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**Present:**

Emily Bishop, District 1  
 Neil Harrington, Tribal, Co-Chair  
 Frank Handler, District 2 Alt., Co-chair  
 Greg Brotherton, *ex officio*, BOCC  
 Sarah Fiskien, District 3, NWS Alt.  
 Troy McKelvey, Recreation  
 Jeff Taylor, District 2, NWS Rep.  
 Betsy Carlson, Envir/Conserv  
 Nam Siu, Marine Science  
 Pam Petranek, *ex officio*, Port of Port Townsend  
 Roy Clark, Recreation Alt.  
 Brent Vadopalas, Marine Science Alt.  
 Bryan DeCaterina, Env/Conserv Alt.  
 Brenda Johnson, District 2  
 Gordon King, Commercial Interest

**Absent:**

Ray RaLonde, District 1  
 Heather Burns, District 3  
 Judy Surber, City of Port Townsend  
 Solenne Walker, District 1 Alt.

**Guests:** Cheryl Lowe (departed 6:45), Anna Young (departed 6:45), Rebecca Welti (departed 6:45), Lucas Hart (departed 7:32), Kristopher Clark, Katie Harris

**Staff:** Monica Montgomery, MRC Coordinator  
 Bob Simmons, WSU Staff

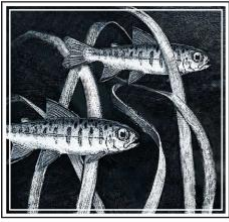
Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-chair Neil Harrington called the meeting to order at 6:02 PM.	A quorum was present.	All members – please send volunteer hours to Monica
AMENDMENTS TO/APPROVAL OF AGENDA  APPROVAL OF MINUTES	Neil asked for approval/amendments to the Agenda. Greg Brotherton moved to approve, which was seconded by Betsy Carlson. Approved without amendments.  Neil asked for approval/amendments to the May Minutes. He put forward an edit for the first line of page 5, clarifying that oyster shell will be spread, not seed. No other amendments were proposed.  Nam Siu moved to approve, which was seconded by Sarah Fiskien. Minutes passed with proposed edit.	Greg moved to approve the agenda. Betsy seconded. Motion passed.  Nam moved to approve March minutes. Seconded by Sarah. Motion passed.  Edit to be made to page 5 of the May minutes.	Monica
PUBLIC COMMENT	None.		
GUEST SPEAKERS Rebecca Welti & Anna Young	<b>How art can be used to communicate science:</b> Both artists became are interested in art centered on plankton. Plankton's form and ecological significance make it particularly useful to communicate to "everyone who breathes".  They proposed outreach education ideas, such as a youth-created quilt. Kids could use scrap sail cloth to illustrate or color-in depictions of plankton (or another species depending on theme), which could then be sewn together into a quilt. The quilt could have a theme (e.g. plankton or kelp life cycles) and be displayed around Jefferson County. Kids could also sketch unlabeled plankton sculptures and could be asked to guess what the forms might be.  Public art could visualize "invisible" forces such as ocean acidification, viruses, etc. They proposed painting the wall of the building across from Better Living Through Coffee (where wings are currently) with the Olympia oyster life cycle or putting a kelp mural on the back wall of Don's Pharmacy. Question posed: how do you care about something you don't encounter?	Anna and Rebecca to be invited to an education and outreach subcommittee meeting.  An educational video will be sent out to the group.	Education and Outreach subcommittee  Rebecca/Frank

	<p>Frank Handler likes the idea of using art to communicate science to people's hearts. He says we need to communicate better. Brenda Johnson encouraged Anna and Rebecca to meet with the Education and Outreach subcommittee. Bob Simmons recommended adding QR codes to informational placards with the artwork to lead interested people to the MRC's website and more information. The PT Arts Commission funds artists, to which Anna and Rebecca are already submitting proposals, and a partnership with the MRC may help secure funding.</p> <p>Betsy Carlson suggested painting the Memorial Field fence. Art showcasing the life cycle of organisms served at local restaurants may particularly resonate.</p>		
BoCC REPORT	<p>Commissioner Brotherton – Update on the Black Point Master Planned Resort progress: Roadwork is being completed near Pleasant Harbor in preparation for surveying and LiDAR. They are removing vegetation to clear out overgrowth to get clear LiDAR to plan the buildings. The only permit so far for the project has been the vegetation removal permit.</p> <p>Shoreline Master Plan update: Received a ~\$84,000 grant from WA Dept. of Ecology. There is a RFP out for a consultant to facilitate the upcoming task force and to provide assistance in drafting the update. County staff is evaluating 3 proposals - the process is going well. Categories for representation within the task force will be similar to representation categories the MRC uses and Commissioner Brotherton is hoping to have MRC members on the task force. Positions on the task force will be advertised in the Peninsula Daily News and on the Jeff Co. website.</p> <p>COVID-19 update: Jeff Co. is currently in Phase 2 except for camping. Hoping to open camping by Phase 3. The county is tracking well, with one new case in the last 5 weeks from a child who was asymptomatic. If we continue having less than 25 cases per day per 100,000 people then we will move to Phase 3 within a few weeks. Public health officials are trying to encourage a cultural shift towards wearing masks.</p>		
Port of PT UPDATES	<p>Commissioner Petranek- Point Hudson jetty update: on June 24<sup>th</sup> the Port will have its first presentation on a new design for replacing the Point Hudson jetty.</p> <p>Point Hudson has been the site for traditional living and harvesting by native peoples, a saw mill, boatbuilding operations, and the military which built the jetty. 155 direct jobs come out of Point Hudson. There are 14 upland acres and a 56 slip marina with 1700ft of shoreline public access. They are working towards designating Point Hudson as headquarters for the Washington State Maritime Heritage Corridor. In 1994 there was a 2 year planning process which identified use goals for the area relating to marine trades and education, which are still priorities today.</p> <p>The 87-year-old jetty protects downtown PT from erosion. Maintenance of the jetty is the port's highest capital priority due to its importance to the community's economic vitality. The current structure is severely compromised, so it is being completely redesigned and re-permitted right now. Restoration is likely not an option. Replacement of both the north and south jetty is estimated at \$11M. The port's new executive director is looking at both federal and state opportunities to fund the project. The last resort would be community support. The new jetty is going to look similar. It will have a rock core and steel pilings to replace 300 creosote pilings, a 3ft height increase to account for sea level rise, and a public walkway on top. Hoping to get the project started in September 2021.</p> <p>Neil mentioned previous concern over the organisms that currently live at the jetty, and saving what's there. Nam provided background that the MRC had been concerned about previous replacement designs that would provide less structure for organisms to live on, but the last proposed design was an improvement. He recommended that the port explore moving or cataloging marine organisms before construction.</p>		
Administrative	<p>Monica- <b>County Guidelines and MRC activities</b></p> <p>With Phase 2, groups are being limited to 5 people or less, while practicing safe social distancing and wearing masks. If more</p>		



	<p>people are needed, please keep a distinct separation between groups of 5.</p> <p><b>Budget Amendment for FY 2020-2021</b> has been submitted.</p> <p><b>Reporting monthly volunteer hours</b> Quarterly reports are coming at the end of June, so please submit volunteer hours. Volunteer hours are important for leveraging funding in grants.</p> <p>Jeff Taylor- now that things are opening up, it may be time to contact Lisa Hillier about forage fish training on new equipment.</p>	Contact Lisa Heller	Jeff
RECENT MEETING REPORTS AND ISSUE UPDATES	<p><b>NWSC Meeting</b> (Jeff)- Next MRC symposium is June 4<sup>th</sup>. Clallam MRC is going to talk about involving local representatives. Project updates were given by different MRCs. A new Salish Sea Fresh video will be coming out soon featuring Neil and Olympia oyster restoration.</p> <p><b>Strait ERN LIO Spring Quarterly meeting</b> (Bob)- Discussed recommendations for \$100,000 funding allocation for next year. The group picked a project by WSU and the North Olympic Salmon Coalition (NOSC), to conduct community engagement for ecosystem restoration. Funding would come later this summer and last for a year and a half.</p> <p>The group also talked about hosting a meeting with the Puget Sound Partnership (PSP) Leadership Council (advisory board for PSP). The leadership council wants to meet at each PSP region to have local groups talk about priority issues. Tentative date will be Sept 9<sup>th</sup> or 10<sup>th</sup> via Zoom. The steering committee for Strait ERN recommended funding for the following priorities: 1. Salmon and orca recovery, 2. Land and shoreline uses that impact salmon and orca recovery, 3. Permitting for largescale restoration projects, 4. Local outside sewage and correction programs, and 5. Oil spill prevention, preparedness, and response.</p>	Contact Bob if interested in providing input into Strait ERN LIO priorities for the PSP meeting.	Everyone
Current and Upcoming Projects	<p><b>Kelp Monitoring</b> (Emily) – The kelp committee completed a dry run survey in May. The kelp hadn't grown enough for a full survey, but appears to be doing well. The first official survey will be scheduled for June 19<sup>th</sup>. All are welcome to join upon completing the safety training.</p> <p><b>Forage Fish</b> (Jeff) – No update, haven't been able to go out sampling yet.</p> <p><b>No Anchor Zones</b> (Troy) – Bryan DeCaterina and crew from Marine Surveys and Assessments put out summer buoys along the PT waterfront and cleaned off buoys in Port Hadlock. A videographer filmed the dive crew working in Port Hadlock. Buoys look good and things are going well. Gordon King is trying to get the MRC back to doing the buoy maintenance in-house and Monica is working on how that would be handled with county liability.</p> <p><b>Rain Gardens</b> (Bob) – Information was sent out about upcoming virtual trainings: Sept 9<sup>th</sup> and 16<sup>th</sup> at 2:30-4:30pm. Anybody is welcome to join. The target audience includes professional landscapers as well as high level volunteers. At Cape George, they're planning installation on June 22<sup>nd</sup> and 23<sup>rd</sup>. Due to safety precautions, installation will mostly be completed by WSU and MRC staff. The rain garden committee is invited if they want to come and the committee will meet soon to discuss projects. Hoping to install a rain garden in early September with the City of Port Townsend.</p> <p><b>Oly Oysters</b> (Neil) – The committee met on the 20<sup>th</sup>. Looking at spreading 10-12 cubic yards of shell at the powerlines and lagoon areas where they spread shell last year. Pushing spreading of shell back to June 22<sup>nd</sup>. Gordon says there may only be 6 cubic yards. Getting it up to Discovery Bay is the biggest challenge. The shell will be dumped in a designated area then volunteers will come back the next day to spread.</p> <p>The committee plans to conduct a population survey at Discovery Bay in July or August. This is a potential volunteer opportunity. The group also plans to do a reconnaissance at some point in Dabob Bay near Sarah's house and in Mystery Bay at Griffith Point near Brenda's house to look for oly oysters. A local videographer is also creating a video on this project.</p>	Add Pam to emails about June Kelp survey & tell Monica about equipment needs.	Emily

	<p><b>Education and Outreach</b> (Brenda) – Met in May to commit to taking on new education outreach tasks adapted to COVID-19. Cheryl Lowe is working on updating the website, which she anticipates finishing in the next week or so. It will feature new pages for projects and updated member bios. Brenda, Sarah and Monica are working on updating printed materials, including greeting cards and rack cards.</p> <p>Monica- Jessica Plumb of Plumb Productions is creating videos for the Olympia oyster and eelgrass protection/no-anchor zone projects, and possibly the rain garden project. Jessica was highly recommended by another local videographer. The MRC sponsored two ads in the Port Townsend Leader (regarding individual behaviors for improving water quality). There are four rotating ads in the Rose theater's weekly newsletter. There will be an ad about no-anchor zones in the June edition of Northwest Yachting and possibly at some point in 48 Degreed North. Some items for future outreach events have been purchased, such as new microscopes and a compatible display monitor.</p> <p>Betsy is working on designing a roll-up banner to display at outreach events. She hopes to add 4-5 bullet points explaining the top things we do. Brenda will schedule another team meeting to talk about using art to communicate science.</p> <p><b>Crabber Outreach</b> (Roy) – Met with Jason Morgan (Northwest Straits Foundation) to discuss distribution of crabbing info. There will be a virtual workshop in lieu of the regular in-person workshops. Crab season is expected to proceed as usual, shrimp season is already open, and clamming may open. New WA Dept. of Fish and Wildlife staff are on board for presenting for the virtual workshop. The committee is still planning to provide crabber informational packets in new pots for sale in local shops and will avoid face-to-face outreach efforts.</p> <p><b>Shoreline Landowner Outreach</b> – N/A</p>		
PUBLIC COMMENT	Public Comments – none.		
MRC Roundtable/Announcements	<p>Additional meetings are listed on the agenda.</p> <p>Neil: The July meeting still on the schedule, though the Executive Committee may choose to cancel it if there is not much to discuss. Typically the MRC does not have a July meeting, but since we missed April this year due to COVID-19, the Exec committee will discuss whether a July meeting is needed.</p> <p>Bryan says the no-anchor buoys all looked good. His team swapped out some hardware. Probably want to replace the lines at some point, but they're good for this year.</p> <p>Bob: The Jefferson and Kitsap Beach Naturalists organizers have been conducting virtual field trips via Zoom. Nam did one about macroalgae at Point Hudson. They are every 2-3 weeks for about an hour to talk about creatures, shoreline geology, and other topics.</p> <p>MRC members continue to find the virtual MRC Symposiums useful.</p>	Let the Exec Committee know if there is something you would like on the agenda for July.	Everyone
ADJOURNMENT	Meeting was adjourned at 7:56PM. Next meeting will be July 7 <sup>th</sup> .	Frank moved to adjourn, seconded by Greg. Motion passed.	



## Jefferson County Marine Resources Committee

**Meeting Agenda**  
**Tues, August 4, 2020**  
**6:00-8:00PM**

**\*\*\*Meeting held via conference call\*\*\***

### **Officers/Executive Committee:**

Neil Harrington, Co-chair  
Frank Handler, Co-chair  
Jeff Taylor, NWSC Representative  
Sarah Fisksen, NWSC Alternate

### **MRC Members:**

Emily Bishop, District 1  
Ray RaLonde District 1  
Solenne Walker, District 1 Alt  
Brenda Johnson, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2 Alt  
Heather Burns, District 3  
Sarah Fisksen, District 3  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Cons Alt  
Pam Petranek, Port of PT  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Sci Alt  
Greg Brotherton, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt  
Judy Surber, City of PT  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is

### **Staff:**

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Robert Simmons, WSU Faculty  
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### **AGENDA**

- 6:00** Call to Order – Introductions
- 6:05** Amendments to/Approval of Agenda  
Amendments to/Approval of June 2020 Minutes
- 6:08** Public Comment
- 6:10** **Guest Speaker**  
Sarah Rubenstein, presenting on the PT School District's  
Maritime and Place-based Learning Curriculum
- 6:50** BoCC Report (Greg)
- 7:00** Port of PT Updates (Pam)
- Navy Right of Entry for Mats Mats
  - Point Hudson Jetty
  - Quilcene
- 7:15** **Administrative Updates** (Monica)
- Volunteer Hours
- 7:17** **Recent Meeting Reports & Issue Updates**  
NWSC Meeting & Retreat (Jeff)
- 7:22** **Current & Upcoming Projects**
- Forage Fish Monitoring: Jeff (1 min)
  - Kelp Monitoring: Emily (5 min)
  - No-Anchor Zones: Troy (2 min)
  - Rain Gardens: Bob (5 min)
  - Olympia Oysters: Neil (5 min)
  - Education & Outreach: Brenda (5 min)
  - Crabber Outreach: Roy (2 min)
- 7:47** Public Comment
- 7:50** MRC Member Roundtable/Announcements
- 8:00** Adjourn

## **Meetings, Events & Dates to Remember**

August 6, 3:30-5:30pm – Virtual MRC Symposium Web Series (Island MRC)

August 18, 8:30-9:30am – MRC Executive Committee Meeting

August 28, 10:00am-12:00pm – NWSC Meeting

September 1, 6:00-8:00pm – MRC Monthly Meeting

Ongoing – Port of PT [Meetings](#)

Ongoing – Jefferson BoCC [Meetings](#)

**Jefferson County Marine Resources Committee  
Virtual Zoom Meeting  
August 4, 2020 Meeting Minutes**

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**Present:**

Frank Handler, District 2 Alt., Co-chair  
Brenda Johnson, District 2  
Jeff Taylor, District 2, NWS Rep.  
Greg Brotherton, *ex officio*, BoCC  
Gordon King, Commercial Interest  
Neil Harrington, Tribal, Co-Chair  
Brent Vadopalas, Marine Science Alt.  
Sarah Fiskien, District 3, NWS Alt.  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Conserv Alt.  
Troy McKelvey, Recreation  
Solenne Walker, District 1 Alt.  
Pam Petranek, *ex officio*, Port of Port Townsend  
Roy Clark, Recreation Alt.  
Emily Bishop, District 1

**Absent:**

Ray RaLonde, District 1  
Heather Burns, District 3  
Judy Surber, City of Port Townsend  
Nam Siu, Marine Science

**Guests:** Sasha Horst, Sarah Rubenstein

**Staff:** Monica Montgomery, MRC Coordinator  
Bob Simmons, WSU Staff

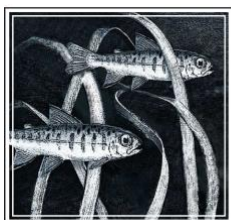
Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-chair Frank Handler called the meeting to order at 6:01 PM.	A quorum was present.	All members – please send volunteer hours to Monica
AMENDMENTS TO/APPROVAL OF AGENDA  APPROVAL OF MINUTES	Frank asked for approval/amendments to the Agenda. Jeff Taylor asked to add information about oil spill preparedness during the comment period. Betsy Carlson moved to approve, which was seconded by Sarah Fiskien. Approved as amended.  Frank asked for approval/amendments to the June Minutes. Greg Brotherton noted that the grant from WA Dept. of Ecology is for \$84k, not \$4k as listed in the minutes.  Gordon King moved to approve, which was seconded by Neil Harrington. Minutes passed with proposed edit.	Betsy moved to approve the agenda as amended. Sarah seconded. Motion passed.    Gordon moved to approve June minutes as amended. Seconded by Neil. Motion passed.	Monica to make edits
PUBLIC COMMENT	None.		
GUEST SPEAKER Sarah Rubenstein: Project Director Port Townsend School District	<b>PT School District's Maritime and Place-based Learning Curriculum</b>  Coronavirus update: They don't know what school will look like yet for the 2020-2021 school year. The next announcement will come on Aug. 10 <sup>th</sup> , likely a hybrid model for in-person/online classes.  The place-based learning curriculum is in its 7 <sup>th</sup> year. It started as a 5-year initiative particularly focusing on maritime culture in partnership with the Northwest Maritime Center. The program is implemented for all ages, and has drawn high quality teachers to the district. No other public school district uses a place-based model, particularly not maritime-focused. Successful projects have community partners, robust education value, a place-based learning theme, a positive impact on the community, and a public presentation by students.  Community partnerships typically develop organically. There are over 70 partnerships in Jefferson County, and the Jefferson County MRC has partnered through the PT School District's 2-day teacher training in the summer. These are opportunities for		

	<p>students to see real work and know what real jobs look like. Successful projects have invested teachers and community partners.</p> <p>Examples of projects: artwork, creation of restoration planting plans and planting of trees, building bird boxes for nearshore bird habitat. Themes include stewardship, craftsmanship, cultural dimensions of community life, civic engagement, leadership, and economic possibilities and entrepreneurialism. This program includes the opportunity for career technical education and maritime academy classes and the opportunity to leave with certifications for vessel operations.</p> <p>Several metrics suggest that the program is working to educate students and integrate the schools in the local community. For more information: <a href="http://www.ptschools.org/curriculum">www.ptschools.org/curriculum</a></p> <p>What does place based learning look like remotely? It's been fully integrated in the curriculum, so it's not "going away" if classes need to go remote this year. Place-based learning doesn't need to be outdoor learning, so it could involve online research. Students are interested in continuing these projects because they can be more engaging than basic online learning.</p>		
BoCC REPORT	<p>Commissioner Brotherton – Shoreline Master Program update continues. The county received 11 applicants for the task force, including some MRC members. Commissioner Brotherton will let us know when meetings are coming up.</p> <p>Coronavirus update: our neighbors are not doing great and social gatherings are the major problem. Jefferson County is doing well and will apply for Phase 3 again when there is an opportunity to move forward with opening.</p> <p>The final EIS for the Duckabush estuary project is available.</p> <p>The Environmental Public Health Dept. is doing a project on the Dosewallips to build resiliency with residents and ecology in the floodplain. There will be a second meeting for the powerlines reach project this Friday at 10am.</p> <p>The Blackpoint forestry application is on hold for now.</p>		
Port of PT UPDATES	<p>Commissioner Petranek- <b>Navy Right of Entry for Mats Mats</b> The Navy has asked for a 5 year right of entry for military training exercises in Mats Mats Bay. They have also requested the same access at 5 state parks including Fort Flagler and Mystery Bay. Washington State has a public comment process for this. The Mats Mats access has been approved by Port Commission for 5 years with three 5 year extensions.</p> <p>A constituent reported that the application is for military training exercises, at any time, with up to 20 personnel, simulated weapons, etc. Commissioner Petranek expressed concern that there's not a coordinated approach to talk about Navy activity, because they have been approaching different agencies separately for separate activities.</p> <p>Neil noted that the MRC wrote a letter within the last year to comment on the Navy's EIS. The options available in the EIS were to have the Navy increase activity or leave altogether. This activity is probably less concerning as an environmental impact, but more of an incompatible land use.</p> <p>Solenne Walker suggested that because the tidelands are privately owned, the Navy may need permission from individual landowners. Question of whether this specific use is compatible with typical interpretation of Navigable Waters.</p> <p><b>Point Hudson Jetty</b> Permitting for the jetty is ongoing, and funding is being sought. The Jamestown S'Klallam Tribe is proposing to have a Floating Upweller System (FLUPSY) at Point Hudson where the kayak dock is currently. They are also asking to have a restaurant, bar, and seafood outlet.</p>	<p>Find the final version of the MRC's comment letter on the Navy EIS, send to Pam.</p>	<p>Monica to send.</p>

	<p>Gordon noted that FLUPSYs can't be permitted in Port Townsend under the current Shoreline Master Plan. Taylor shellfish objected to this clause in the latest update.</p> <p><b>Quilcene</b> Coast Seafoods is seeking to buy port property. Commissioner Pam &amp; Executive Director Eron Berg are meeting with a handful of community members to create an engagement process. Commissioner Pam invites feedback and will keep us updated.</p> <p>Commissioner Brotherton has suggested a subarea plan that creates a vision for that region, because the current zoning is not ideal. He suggests creating a 20-year vision, with some zoning for recreation.</p>	Send comments on these topics to Pam	Everyone
Administrative	<p>Monica- <b>Reporting monthly volunteer hours</b> there has been a low response overall for volunteer hours. Everyone please submit their hours.</p> <p>The budget amendment has been approved and we are good for a second year of funding through September 2021.</p>	Report volunteer hours to Monica	Everyone
RECENT MEETING REPORTS AND ISSUE UPDATES	<p><b>NWSC Meeting</b> (Jeff)- The consultants hired to help with communications for the Northwest Straits Initiative are planning to release their results soon.</p> <p>The NW Straits receives \$450k from federal government annually, which requires match funding. State funds have been cut back, so volunteer hours are important to count as matching funds. Please report all volunteer hours.</p> <p>Other MRCs are now interested in starting eelgrass protection projects. Kudos to those from Jefferson County who have presented on our eelgrass restoration program to spark this interest.</p>	Send in your volunteer hours!	Everyone!
Current and Upcoming Projects	<p><b>Forage Fish</b> (Jeff) – The survey team is using a tablet based form, with an app that sends results directly to Washington Dept of Fish and Wildlife (WDFW), which is working well. Jeff sampled last month and will sample again tomorrow. The app will be used by sites that are within the WDFW network.</p> <p>There is a new site at Sarah's house as of June. They will continue to sample monthly.</p> <p><b>Kelp Monitoring</b> (Emily) – The kelp team has completed June and July surveys. In July, Tyler Cowdrey, a Master's student from Evergreen (formerly also DNR) joined the team to do a drone survey while the kayakers paddled. The drone images will be georeferenced and compared with the perimeter created by the kayakers. Tyler is planning to join the survey again in August. Emily became one with the kelp.</p> <p><b>No Anchor Zones</b> (Troy) – The Port Townsend buoys look fine. Troy will know more next month.</p> <p><b>Rain Gardens</b> (Bob) – We are set to do a second rain garden this year, with the City of Port Townsend, and will be installing plants September 24<sup>th</sup>.</p> <p><b>Oly Oysters</b> (Neil) – Shell was delivered to Discovery Bay on June 22<sup>nd</sup>. On June 23<sup>rd</sup>, they dumped bags in the lagoon and right at the exit inside the spit. On June 25<sup>th</sup>, MRC volunteers raked out the loose shell at the Powerline site, which probably was easier than spreading from bags. Members monitored on August 2<sup>nd</sup> and Neil observed new set on the shell put out in June. Oysters are looking good and some have naturally spread south of the official restoration area. A small group also went to Brenda's house at Mystery Bay and found lots of Olympias on the beach.</p> <p>Betsy noted there have been high levels of <i>Alexandrium spp.</i> (a biotoxin) in Mystery Bay. Results from the citizen monitoring program SoundToxins are sent to the Dept. of Health when there are high levels of these toxins.</p> <p>Gordon asked about Mussel Watch results from 2017/18. We have the raw data from our sites, but WDFW has not released a report.</p>		

	<p><b>Education and Outreach</b> (Brenda) – Shared some of the outreach materials that have been developed. The committee updated an eelgrass and Olympia oyster note card, and rack cards for soft shorelines and rain gardens. Betsy and Brent Vadopalas designed a large roll up poster. The committee purchased two inverted microscopes and one monitor to use at outreach events and hired Cheryl Lowe to update the website. The videographer hired to create project videos is expected to send a draft oyster video this week. Monica is looking for the North Olympic Salmon Coalition to donate drone footage from Discovery Bay, and we purchased some underwater video from Florian Graner.</p> <p><b>Crabber Outreach</b> (Roy) – This year’s crab presentation was live-streamed. It was well received, with around 100 attendees (200 registered). The committee posted posters and distributed rack cards around town, which were welcomed by retail outlets. It was more difficult to post at state parks where offices are closed. Crabbing and fishing have been popular activities this year. Record counts at every beach for clamming. Shrimping was closed early. There are reports that crabbing isn’t good in Port Townsend Bay this year.</p> <p>In the future we should consider doing the crabber outreach presentation both online and in person.</p> <p><b>Shoreline Landowner Outreach</b> – N/A</p>		
PUBLIC COMMENT	Public Comments – none.		
MRC Roundtable/ Announcements	<p>Roy: At the Shine Tidelines there is fine mesh netting laid over enhancement beds. Need volunteers at some point to help remove the netting. Probably 10 people.</p> <p>Jeff: The San Juan MRC solicited an oil spill economic analysis; this could potentially also be a project for the Jefferson County MRC. They hired consultants to estimate the damage that would be caused by an oil spill and an estimate of having a response tug.</p>	Email Jeff if interested in participating	Everyone
ADJOURNMENT	Meeting was adjourned at 8:05PM. Next meeting will be September 1st.	Neil moved to adjourn, seconded by Betsy. Motion passed.	





## Jefferson County Marine Resources Committee

## Meeting Agenda Tues, September 1, 2020 6:00-8:00PM

\*\*\*Meeting held via conference call\*\*\*

### Officers/Executive Committee:

Neil Harrington, Co-chair  
Frank Handler, Co-chair  
Jeff Taylor, NWSC Representative  
Sarah Fiskien, NWSC Alternate

### MRC Members:

Emily Bishop, District 1  
Ray RaLonde District 1  
Solenne Walker, District 1 Alt  
Brenda Johnson, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2 Alt  
Heather Burns, District 3  
Sarah Fiskien, District 3  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Cons Alt  
Pam Petranek, Port of PT  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Sci Alt  
Greg Brotherton, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt  
Judy Surber, City of PT  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is

### Staff:

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Robert Simmons, WSU Faculty  
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### AGENDA

- 6:00** Call to Order – Introductions
- 6:05** Amendments to/Approval of Agenda  
Amendments to/Approval of June 2020 Minutes
- 6:08** Public Comment
- 6:10** **Q&A with BoCC Candidates**  
Lorna Smith and Heidi Eisenhour
- 6:50** BoCC Report (Greg)
- 7:00** Port of PT Updates (Pam)
- 7:15** **Recent Meeting Reports & Issue Updates**  
NWSC Meeting & Retreat (Jeff)
- 7:20** **Administrative Updates** (Monica)
  - Volunteer Hours
- 7:22** **Current & Upcoming Projects**
  - Forage Fish Monitoring: Jeff (2 min)
  - Kelp Monitoring: Emily (5 min)
  - No-Anchor Zones: Troy (1 min)
  - Rain Gardens: Bob (5 min)
  - Olympia Oysters: Neil (5 min)
  - Education & Outreach: Brenda (5 min)
  - Shoreline Landowner Outreach: Sarah (2 min)
- 7:47** Public Comment
- 7:50** MRC Member Roundtable/Announcements
- 8:00** Adjourn

## **Meetings, Events & Dates to Remember**

September 9, 9:00-11:00am – PSP Rotating the Management Conference Meeting: PSP

Leadership Council and NOP Leadership from across the Strait of Juan de Fuca

September 11, 9:30am-12:30pm – Strait ERN LIO Meeting Summer Quarterly Meeting

September 22, 8:30-9:30am – MRC Executive Committee Meeting

September 25, 10:00am-12:00pm – NWSC Meeting

October 6, 6:00-8:00pm – MRC Monthly Meeting

Ongoing – Port of PT [Meetings](#)

Ongoing – Jefferson BoCC [Meetings](#)

# Jefferson County Marine Resources Committee

## Virtual Zoom Meeting

### September 1, 2020 Meeting Minutes

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**Present:**

Frank Handler, District 2 Alt., Co-chair  
 Jeff Taylor, District 2, NWS Rep.  
 Greg Brotherton, *ex officio*, BoCC  
 Gordon King, Commercial Interest  
 Neil Harrington, Tribal, Co-Chair  
 Brent Vadopalas, Marine Science Alt.  
 Sarah Fiskien, District 3, NWS Alt.  
 Betsy Carlson, Envir/Conserv  
 Bryan DeCaterina, Env/Conserv Alt.  
 Troy McKelvey, Recreation  
 Roy Clark, Recreation Alt.  
 Emily Bishop, District 1  
 Judy Surber, City of Port Townsend  
 Pam Petranek, *ex officio*, Port of Port Townsend  
 Solenne Walker, District 1 Alt.  
 Heather Burns, District 3  
 Brenda Johnson, District 2  
 Ray RaLonde, District 1

**Absent:**

Nam Siu, Marine Science

**Guests:** Lorna Smith, Cheryl Lowe, Heidi Eisenhour, Lucas Hart

**Staff:** Monica Montgomery, MRC Coordinator  
 Bob Simmons, WSU Staff

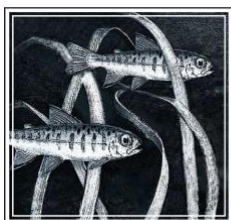
Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-chair Neil Harrington called the meeting to order at 6:01 PM. Introductions were made.	A quorum was present.	All members – please send volunteer hours to Monica
AMENDMENTS TO/APPROVAL OF AGENDA  APPROVAL OF MINUTES	Neil asked for approval/amendments to the Agenda. Gordon King moved to approve, which was seconded by Greg Brotherton. Approved as written.  Neil asked for approval/amendments to the August 2020 Minutes. Brenda noted that the minutes implied that multiple monitors had been purchased by the education/outreach subcommittee, but only one monitor was purchased.  Greg moved to approve, which was seconded Betsy Carlson. Minutes passed as amended.	Gordon moved to approve the agenda. Greg seconded. Motion passed.      Greg moved to approve the August minutes as amended. Seconded by Betsy. Motion passed.	      Monica to make edits
PUBLIC COMMENT	None.  Betsy commented that the Port Townsend Marine Science Center will be opening on the weekends by reservation. Reservations can be made via the website.		
Q&A with BoCC Candidates  Lorna Smith and Heidi Eisenhour	The BoCC candidates, Heidi Eisenhower (HE) and Lorna Smith (LS), each introduced themselves and their background knowledge and experience relating to marine issues.  The candidates were asked the following questions by MRC members:  How long have you been aware of the Jefferson MRC? What do you think the MRC does and what do you think the role of the MRC should be in Jefferson County?  HE- has been familiar with the MRC since the early 2000s, when she was working with the Northwest Maritime Center on dock placement near eelgrass habitat. The MRC is the marine advisory		

	<p>body to Jefferson County and champions specific initiatives, such as rain gardens.</p> <p>LS- has been aware of the MRC for many years. She is excited about the eelgrass protection project and noted the importance of eelgrass and the threats it faces. She previously participated in a habitat analysis project on Jetty Island (Port of Everett) with focus on eelgrass beds and realized how important their nursery functions are.</p> <p>What do you see as the most important issue to address related to marine resources or marine waters in Jefferson County?</p> <p>LS- referenced a SeaDoc Society paper highlighting the issue of ocean acidification, requiring a regional and global effort to respond. She is also concerned about the resident orca population and would like to see the MRC work on protecting the orcas.</p> <p>HE- noted the impact of climate change on storm events in the area, and how to respond as a community to these issues as they come up. She is also very concerned about the amount of plastic pollution in the water.</p> <p>The Port of Port Townsend is attentive in its role as caretaker of many public properties and surrounding water. What kinds of experience can you bring to work alongside the Port?</p> <p>LS- oversaw public works projects in Snohomish County for compliance with water quality standards. This experience with compliance is important for an entity like the Port.</p> <p>HE- has more upland experience, particularly issues with farmland water rights.</p> <p>Jefferson County has a no net loss plan, but there's quite a bit of development on beaches. Many projects are unpermitted, but even permitted projects cause damage. Some people are being punished for doing things properly while others are rewarded for not going through the proper permitting processes.</p> <p>HE- knows from her experience at DNR that there's only a certain amount of enforceability. She is unsure of what level of enforceability the county has but commented that the process for getting permits needs to be easier. There's a program in Kitsap to track the progress real-time. Jefferson County should shift to a customer service focus so that the process is easier and can offer technical service along the way.</p> <p>LS- discussed environmental mitigation as a compromise and noted that in-kind, in-place mitigation is the only kind that works.</p> <p>The Dept. of Environmental Health received a grant to provide cost-share repairs for failing septic systems in Hood Canal/Discovery Bay areas, but they're having trouble finding homeowners who qualify. How would you work on this?</p> <p>HE- hears about similar issues frequently. Cost of septic repair is a huge issue in terms of developing affordable housing. She suggested reaching out through OlyCAP or a service provider who is working with the Jefferson Community Foundation to find homeowners that need help.</p> <p>LS- The county needs better outreach. Lack of interest in the program could be because cost sharing is still beyond the reach of people living on the edge. She suggested tailoring the program to add additional help so that it's zero cost for property owners. She added that there needs to be a sense of community stewardship and that we're in this together.</p>		
BoCC REPORT	<p>Commissioner Brotherton – Pleasant Harbor Black Point Resort update: They have not submitted a forest practice application or removed stumps. Work has primarily focused on re-establishing survey lines and the project is moving forward.</p> <p>The project to replace the boat ramp at Point Whitney is moving ahead.</p> <p>The county has a grant to match costs for upgrading on-site septic systems. They are struggling to get enough landowners to use the grant. He requested MRC members to promote the project. There may be up to 100% cost share if the owner of the property qualifies based on income.</p>	<p>Email MRC members the flier advertising the on-site septic cost share program.</p> <p>Promote the program.</p>	<p>Commissioner Brotherton</p> <p>Everyone</p>

	The COVID-19 situation is largely the same. It's concerning that surrounding counties have higher numbers of cases. A major concern is getting schools safely started again.		
Port of PT UPDATES	<p>Commissioner Petranek- Update on Point Hudson: The Shoreline Master Plan (SMP) revision process is going on right now. It would be helpful to get an update on the process from an MRC member. The Port is looking at working with Jamestown S'Klallam Tribe, who will be making a presentation on Sept 23<sup>rd</sup> at 5:30PM. They will present about plans to install a FLUPSY (Floating Upweller System) and start a restaurant/bar and seafood outlet. They are looking at leasing the Pygmy Boats building. In 1994 a Master Plan was developed to guide management of Point Hudson. That process involved two years of community input and the city working with consultants to give direction. We should review that plan and ask ourselves in what direction do we want Point Hudson to go.</p> <p>Judy Surber offered help walking through the SMP update and connecting with staff at the City of PT regarding Point Hudson.</p> <p>Jeff Taylor noted that the estimated cost of the Point Hudson jetty replacement project has increased. Commissioner Petranek explained that the original dollar amount was based on a vertical steel wall while the new estimate is based on a rubble mound design. The cost of permitting and in-water infrastructure has gone up, along with tariffs. Some funding will come from property taxes, but the Port also applied for a federal grant. The Port is looking into hiring a part time grant writer and lobbyist to go after more funding.</p> <p>A Linger Longer Committee has formed to develop a process to engage the wider community about land use in Quilcene. Part of the discussion is identifying how the Port can help with economic development and public access. Pacific Seafoods would like to buy a portion or more of the Port property, and the Port must consider the economic and environmental impact. What could we do with this property? What businesses can be down there?</p> <p>Sarah Fiskien is interested in continuing conversations about Quilcene.</p> <p>Greg suggested that the first step could be to develop a Subarea Plan, which would then inform potential re-zoning.</p>	Send info on Sept 23 <sup>rd</sup> meeting to Monica.	Commissioner Petranek
RECENT MEETING REPORTS AND ISSUE UPDATES	<p><b>NWSC Meeting</b> (Jeff)- The August meeting included a presentation by NOAA about seaweed (mainly kelp) farming and associated permitting. The presentation effectively covered pros and cons.</p> <p>NWS Commission funding has to be matched with in-kind funds or services (e.g. volunteer hours) and there are concerns with the pandemic of coming up short. It is essential to report volunteer hours.</p>		
Administrative	<p>Monica <b>Reporting monthly volunteer hours-</b> Sept 30<sup>th</sup> is the end of the grant year, so please submit volunteer hours through the end of September as soon as possible.</p> <p>The group filled out a short poll via Zoom to determine whether there should be a new method to submit volunteer hours. Most members voted to submit their hours monthly as is the current method, several voted to submit hours using an online (e.g. Google Form). Jeff recommended that there be an option to rank answers in future polls.</p>	Report volunteer hours to Monica.	Everyone
CURRENT & UPCOMING PROJECTS	<p>Forage Fish Monitoring (Jeff)- The data submission app from WDFW (Washington Department of Fish and Wildlife) is reducing the volunteer hours needed to complete the sampling. Samples were collected at Adelma Beach and at Sarah's property in Dabob Bay. The team is going to purchase a separate set of equipment for the Dabob site.</p> <p>Kelp Monitoring (Emily)- The kelp team completed their last official survey of the season. There may be an additional survey/training day in September to solidify skills, because Emily will be leaving the MRC before the next survey season.</p> <p>No-Anchor Zones (Troy)- The Port Townsend buoys look straight; they're in excellent shape and nobody was anchored inside. The</p>		

	<p>Port Hadlock buoys look good, even though one boat anchored at the far end and swung into the eelgrass. It swung past the shellfish beds, so it's not in a critical area but unsure of how to deal with that. Will visit Mystery Bay soon.</p> <p>Rain Gardens (Bob)- Volunteers are maintaining the rain garden at Cape George, which was installed in June. The second one of the year will be on the corner of Clay and Benton. Scheduled with City crew to excavate on Sept. 9<sup>th</sup>, planting on the 24<sup>th</sup>. They have to limit the number of people doing installation work. Anyone is welcome to join in, but have to be less than 65 years old and 5 people or less total. Folks are otherwise welcome to observe either day.</p> <p>Olympia Oysters (Neil)- Went out to Sarah's place to look at Olympia oysters. Quite a number of them present, especially in the intertidal areas. He put out shells with dowels on them and will see how many Olympias set on those. Lots of pacific oysters and Olympias intermixed. Dabob closed last week for PSP (Paralytic Shellfish Poisoning). High levels at many places.</p> <p>Education and Outreach (Brenda)- Since August, the subcommittee has met to discuss the MRC's role in potential collaborations with local artists. The team has decided to take a step back from any projects/collaborations at this time to discuss the MRC's education and outreach goals and best strategies to meet them. The committee is meeting mid-September to talk about what those priorities might be and will be consulting with the NWS Commission about constraints on how funding is spent with artist partners. Rain garden rack cards are about to be printed.</p> <p>Outreach videos for eelgrass and Olympia Oysters are close to finished. Videos will be hosted on the NWS Commission's Vimeo page to better track statistics, and possibly the County's YouTube page.</p> <p>There was some discussion about the new bridge between Indian and Marrowstone Islands. The group expressed interest in having a representative from the North Olympic Salmon Coalition present on project updates.</p> <p>Shoreline Landowner Outreach (Sarah)- meeting with Lisa Kaufman and Melanie del Rosario with the NWS Foundation on September 2<sup>nd</sup> to discuss organizing a webinar and the possibility of meeting with shoreline landowners for site visits, etc.</p>		
PUBLIC COMMENT	Public Comments – none.		
MRC Roundtable/ Announcements	<p>Jeff- at the last NW Straits meeting, there was some discussion about using QR codes for outreach. Brenda noted that the Education and Outreach committee is planning to include QR codes on new outreach material.</p> <p>Judy- SMP update: There was a meeting to kick off periodic review amendments. The periodic review is not the same as updates (which are community oriented), rather it's review required by the state to make sure the document stays current with changes at the state level. The City of PT plans to revise and make clarifications in the process, in particular looking at climate change revisions. Recently added the goal of integrating climate change into city plans. Could do a presentation to the MRC. Limited funds were allotted to the city, so scope will focus on updating for state mandates.</p> <p>Bob- WSU Jefferson offered the Beach Naturalists program virtually during the first 3 weeks of August in collaboration with WSU Kitsap and is complete for the year. WSU Snohomish has funding to offer an oil spill response and awareness course. The training costs \$40 and will take place on Sept 19<sup>th</sup> and 26<sup>th</sup>. There may be a possibility for the MRC to reimburse members if there is funding at the end of the cycle.</p> <p>Emily- Recently reviewed some sea level rise (SLR) literature that might be of interest to the group. WA State published a set of SLR projections in 2018, and recently released some mapping tools. However, the levels projected in the WA State report are significantly lower than the most likely scenario listed in a NOAA report from 2017. Both the WA and the NOAA report used the same set of 2014 baseline projections to develop</p>	<p>Send sea level rise primary literature to Monica for distribution to the group.</p>	<p>Emily</p>

	<p>projections/scenarios, the difference being that NOAA additionally took into account some more recent data about the melting rate of polar ice caps. Jeff noted that storm activity will be a concern in the coming years, in addition to SLR. The group demonstrated interest in having a speaker, such as Ian Miller, present on this topic at a future meeting.</p> <p>Frank recommended reviewing the recent editorial package published by Hakai Magazine about the aquaculture industry.</p>	Share the link with information on the aquaculture industry.	Monica
ADJOURNMENT	Meeting was adjourned at 8:00PM. Next meeting will be October 6th.	Gordon King moved to adjourn, seconded by Troy McKelvey. Motion passed.	



## Jefferson County Marine Resources Committee

## Meeting Agenda Tues, October 6, 2020 6:00-8:00PM

\*\*\*Meeting held via conference call\*\*\*

### Officers/Executive Committee:

Neil Harrington, Co-chair  
Frank Handler, Co-chair  
Jeff Taylor, NWSC Representative  
Sarah Fisksen, NWSC Alternate

### MRC Members:

Emily Bishop, District 1  
Ray RaLonde District 1  
Solenne Walker, District 1 Alt  
Brenda Johnson, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2 Alt  
Heather Burns, District 3  
Sarah Fisksen, District 3  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Cons Alt  
Pam Petranek, Port of PT  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Sci Alt  
Greg Brotherton, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt  
Judy Surber, City of PT  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is

### Staff:

Monica Montgomery, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
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Port Hadlock, WA 98339  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[jeff.co.mrc@gmail.com](mailto:jeff.co.mrc@gmail.com)

### AGENDA

- 6:00** Call to Order – Introductions
- 6:05** Amendments to/Approval of Agenda  
Amendments to/Approval of September 2020 Minutes
- 6:08** Public Comment
- 6:10** **Guest Speaker**  
Ian Miller, presenting on sea level rise projections
- 6:50** BoCC Report (Greg)
- 7:00** Port of PT Updates (Pam)
- 7:10** **Recent Meeting Reports & Issue Updates**  
NWSC Meeting (Jeff)
- 7:15** **Administrative Updates** (Monica)
- Volunteer hours
  - Change November meeting date
  - Call for nominations: executive committee officers
  - Note taker
  - Retreat planning
  - Letter of support: PTMSC grant proposal
- 7:22** **Current & Upcoming Projects**
- Forage Fish Monitoring: Jeff/Monica (4 min)
  - Oil Spill Prevention: Jeff (2 min)
  - Kelp Monitoring: Emily (2 min)
  - No-Anchor Zones: Troy (2 min)
  - Rain Gardens: Bob (5 min)
  - Olympia Oysters: Neil (3 min)
  - Education & Outreach: Brenda (5 min)
  - Shoreline Landowner Outreach: Sarah (2 min)
- 7:47** Public Comment
- 7:50** MRC Member Roundtable/Announcements
- 8:00** Adjourn



## **Meetings, Events & Dates to Remember**

October 20, 9:00-10:00am – MRC Executive Committee Meeting

November 3, 6:00-8:00pm – MRC Monthly Meeting

Ongoing – Port of PT [Meetings](#)

Ongoing – Jefferson BoCC [Meetings](#)

# Jefferson County Marine Resources Committee

## Virtual Zoom Meeting

### October 6, 2020 Meeting Minutes

#### Present:

Frank Handler, District 2 Alt., Co-chair  
 Jeff Taylor, District 2, NWS Rep.  
 Greg Brotherton, *ex officio*, BOCC  
 Gordon King, Commercial Interest  
 Neil Harrington, Tribal, Co-Chair  
 Betsy Carlson, Envir/Conserv  
 Bryan DeCaterina, Env/Conserv Alt.  
 Troy McKelvey, Recreation  
 Roy Clark, Recreation Alt.  
 Emily Bishop, District 1  
 Pam Petranek, *ex officio*, Port of Port Townsend  
 Heather Burns, District 3  
 Brenda Johnson, District 2

#### Absent:

Solenne Walker, District 1 Alt.  
 Judy Surber, City of Port Townsend  
 Sarah Fiskien, District 3, NWS Alt.  
 Brent Vadopalas, Marine Science Alt.  
 Ray RaLonde, District 1  
 Nam Siu, Marine Science

**Guests:** Sasha Horst, Peter Joseph, David Winters, Peter Rhines, Heather Gordon

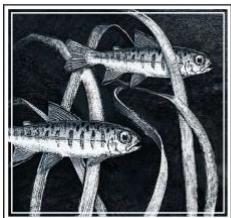
**Staff:** Monica Montgomery, MRC Coordinator  
 Bob Simmons, WSU Staff

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-chair Frank Handler called the meeting to order at 6:00 PM. Introductions were made.	A quorum was present.	All members – please submit volunteer hours to Monica
AMENDMENTS TO/APPROVAL OF AGENDA	Frank asked for approval/amendments to the Agenda. Greg Brotherton moved to approve, which was seconded by Jeff Taylor. Approved as written.	Greg moved to approve the agenda. Jeff seconded. Motion passed.	
APPROVAL OF MINUTES	Frank asked for approval/amendments to the September 2020 Minutes. Heather Burns moved to approve, which was seconded by Neil Harrington. Minutes passed as written.	Heather moved to approve the September minutes without amendments. Seconded by Neil. Motion passed.	
PUBLIC COMMENT	None.		
GUEST SPEAKER Ian Miller, of WA Sea Grant, presenting on sea level rise projections	<p>Dr. Miller summarized how scientists determine sea level rise projections and why sea level rise matters. Mean water is an average of high and low tides, sea level rise is an increase in that mean level. One-foot of sea level rise means one-foot higher high tides and one-foot higher low tides, which results in impacts to shoreline infrastructure. Sea level rise is linked to climate change.</p> <p>Increases in atmospheric carbon concentrations track increases in global average surface air temperature. Increased temperatures associated with climate change causes sea level rise due to ice melt and thermal expansion. Global sea surface temperature is, and has been, increasing and ice mass is being lost. Land-based ice mass loss will accelerate in the future. Methane is a greenhouse gas which contributes to increased global temperatures which in turn drives sea level rise.</p> <p>Projecting sea level rise inevitably comes with uncertainty. There is a scientific basis, but it is still a matter of trying to see the future. Thermal expansion is relatively easy to predict; more uncertainty comes from trying to determine where heat distributes globally. Much more uncertainty comes from land based ice loss than thermal expansion. Land based ice is key here, not sea ice which changes annually.</p> <p>It is important to observe localized sea level rise projections. For example, while Seattle is seeing increased sea level rise, Neah Bay is seeing reduced sea level rise, due to differences in land</p>		

	<p>movement. WA state has a set of projections available online, which use a probabilistic framework and allows managers to choose what projected sea levels to manage for. We might expect as much as one foot of sea level rise 10-15 years from now. Two feet of sea level rise is an important threshold which will cause significant issues very likely by the end of the century.</p> <p>In response to a question about whether sea level rise projections include frequency of storms: no, projections do not incorporate storm activity. Additionally, storm surge is not a major concern within the Puget Sound.</p>		
BoCC REPORT	<p>Commissioner Brotherton – Attended a presentation from Long Live the Kings about the Hood Canal Bridge Assessment Project. The Assessment Team is proposing to add fillets at the bridge to streamline the shape of the structure to facilitate the passage of juvenile steelhead. The Assessment Team is not considering an immediate replacement of the bridge, but is considering intermittent bridge openers to allow fish to pass through. Closing the bridge to traffic will likely see some public pushback.</p> <p>Two MRC members have joined the Task Force for the County SMP review process.</p> <p>Question posed to Dr. Miller: Is the ordinary high water mark enough to plan for sea level rise? Or should sea level rise be directly called out in planning updates? Dr. Miller responded that if we hit the rates of change that are projected for sea level rise, there will be little time to adapt and that decisions to build within the 200 feet of coastal zone will be sunk costs.</p> <p>Mooring buoys are good protection for the shoreline, as they prevent damage from anchoring. The county will be trying to push buoys out of conditional use permits to streamline shoreline permitting. The county is also working to memorialize code interpretation, making them more accessible to the public and mirroring them at appropriate points in the permitting process.</p> <p>The Covid-19 situation is largely the same, no updates.</p>		
Port of PT UPDATES	<p>Commissioner Petranek- County Commissioner Kate Dean brought up the Stormwater Strategic Initiative's Toxics in Fish Implementation Strategy. There is a public comment period which is an opportunity to weigh in and potentially get funding for MRC projects. Commissioner Dean is wondering if the MRC would take on that topic for the county.</p> <p>All three Port of PT commissioners are looking for a planning process for Quilcene. They are not considering sale of any properties at this time.</p> <p>The Port applied for a grant for partial funding of the Point Hudson jetty and received feedback that their application is being considered. The total projected cost for the project is \$14 million. The Port could receive receive \$9 million through the economic disaster relief fund. The levy money provided leverage for the Port to seek further grants. Will know the result soon.</p> <p>The Jamestown S'Klallam Tribe made a presentation to the Port about their proposal to install a FLUPSY (Floating Upweller System) at Point Hudson. The proposed FLUPSY size is 20x80ft, and the Tribe is looking to put it at the head of the marina to grow pacific oysters. Judy Surber has pointed out that it is not currently permissible to grow non-native species in Point Hudson, but Gordon says this may change with the next revision of regulations. This was just an informational presentation to the Port. Commissioner Petranek is open to comments from the group as a whole, or individual feedback.</p>	Anyone who is interested in weighing in on these updates can email Pam.	Everyone
RECENT MEETING REPORTS AND ISSUE UPDATES	<p><b>NWSC Meeting (Jeff)</b>- A memorandum of understanding has been developed between the Northwest Straits Commission and Foundation, to clarify roles and relationships for the two organizations.</p> <p>Some European Green Crab were found in Drayton Harbor, and 1000+ were found in Lummi Bay.</p>		
Administrative	Monica- <b>Volunteer hours</b> - please report hours. The new online submission form seems to be going well.	Report volunteer hours to Monica	Everyone

	<p><b>Change November meeting date-</b> The regular date would be on election night. Hoping to move it to the following week, on Nov. 10th. Enough people gave thumbs up to move forward with the change in date.</p> <p><b>Call for nominations: Executive Committee officers-</b> The current Executive Committee is proposing a new process for the Vice Chair to stay on to become Chair the following year. This provides the opportunity for the Chair to mentor their successor. According to the business rules, there can't really be two Co-Chairs, but a Chair and Vice Chair. This would be an understanding, likely not an official amendment to policy. The Executive Committee will move forward with this plan unless they hear feedback indicating otherwise.</p> <p><b>Note taker-</b> Emily will be leaving in the Spring, so there will need to be a new note taker.</p> <p><b>Retreat planning-</b> A Request for Proposals is coming in February, which will likely be similar to the amount of funding we have received in previous years. We will likely want to meet outside of the normal meeting time to discuss projects to put forward.</p> <p><b>Letter of support-</b> PTMSC is putting together a grant proposal to fund their Marine Mammal Monitoring Network and has requested a letter of support from the MRC. They are requesting money from NOAA to continue monitoring the shoreline for stranded/dead marine mammals, and develop trainings to identify human impacts in animals. The group indicated support for sending this letter.</p>	<p>Update the scheduled meeting on the website</p> <p>Let the Executive Committee know if you disagree with the plan to encourage future Vice Chairs to stay on as Chair the following years. Consider if you would like to take on an Executive Committee role, to be voted on at the next meeting.</p> <p>Let Monica know if you are interested in taking the Minutes starting this Spring or if you have any questions about the role.</p> <p>With support of the MRC, Monica will need to try to get the letter approved at the next BoCC meeting.</p>	<p>Monica</p> <p>Everyone</p> <p>Everyone</p> <p>Monica</p>
CURRENT & UPCOMING PROJECTS	<p><b>Forage Fish Monitoring</b> (Jeff/Monica)- Sampling occurred. The team purchased a new set of supplies to get Sarah Fiske set up for sampling at the new site at Dabob Bay. The Fort Townsend State Park's repavement project is preventing access this month, so our fifth year of post-restoration monitoring will resume in November.</p> <p><b>Oil Spill Prevention</b> (Jeff)- Other MRCs have shown an interest in getting involved in an oil spill assessment, similar to the one the San Juan MRC commissioned. It is worthwhile to know what the damage would be. Waiting to hear back from the Coast Guard on some information. Took a two-day class organized by WSU Snohomish about responding to oil spills. Spontaneous volunteers aren't much use because people need to be trained ahead of time to be useful. Let Jeff know if you're interested.</p> <p><b>Kelp Monitoring</b> (Emily)- Forfeited kelp update time to instead address the sea level rise presentation. Expressed frustration that there wasn't enough time for a more in-depth conversation or questions. Is concerned that the rate of Antarctic Ice sheet melt was referred to as still up for debate, while recent publications indicate that ice sheets are melting more rapidly than previous studies anticipated. Also concerned that the response to a question about storms downplayed the compounding effects that more frequent storms will have on future water levels. Commissioner Petranek recommended asking other speakers to talk at future meetings on this topic. Jeff recommended someone from the Olympia area.</p> <p><b>No-Anchor Zones</b> (Troy)- Changing summer to winter buoys. Going to set up a time and a date to get buoys changed in the PT waterfront, with donated use of the Port's boat.</p> <p><b>Rain Gardens</b> (Bob)- The rain garden installation went well. Surprised to find clay soil and had to add a drain system under the rain garden. City crew did a great job with the excavation and building up the sidewalk and a catch basin. The homeowners are looking forward to taking care of this in the future and neighbors are pleased with the added amenity.</p> <p><b>Olympia Oysters</b> (Neil)- Got a map generated by the GIS analyst and collated data from Monica, from this summer's monitoring efforts. Will analyze the data and report to Monica.</p> <p><b>Education and Outreach</b> (Brenda)- The subcommittee met September 17<sup>th</sup> on Zoom. Identified 3 top priorities for Education and Outreach for the coming year. The top priorities are to increase public awareness of climate change, reach out to</p>	<p>Let Jeff know if interested in getting more involved in the oil spill response topic</p> <p>Send any lingering sea level rise questions to Emily, who will follow up with Dr. Miller</p> <p>Remind Neil to process oyster monitoring data</p>	<p>Everyone</p> <p>Everyone; Emily to follow up</p> <p>Monica</p>

	<p>stakeholders in rural areas of the county, and develop a lecture series/expert speakers bureau so the public can learn from presentations. Other topics brought up by the group will be kept in mind for the future. Additionally, Brenda filled out a Puget Sound Partnership social approaches questionnaire on behalf of the MRC. Reach out if interested in the questionnaire, or want to see the answers Brenda provided.</p> <p><b>Shoreline Landowner Outreach</b> (Monica, for Sarah)- Working with Lisa Kauffman at the NWS Foundation to set up a virtual workshop for shoreline landowners, likely in early December.</p>	Reach out to Brenda if interested in the PSP social approaches questionnaire	Everyone
PUBLIC COMMENT	Public Comments – none		
MRC Roundtable/ Announcements	<p>Discussion between Gordon and Commissioner Petranek about using the Port of PT boat for no-anchor zone buoy project.</p> <p>Emily- Kelp Update: The group did not end up completing a bonus survey in September. However, Emily did volunteer to scribe for some Department of Natural Resources biologists who were conducting their annual survey of the North Beach bed in September. While it was foggy and smoky, so visibility was limited, it was clear that the bed had significantly filled in between the August survey and mid-late September. The DNR biologists had visited the bed in late August and agreed that the bed had grown significantly since then. They had seen the same late growth at other survey locations as well. Perhaps a result of the late onset of sunny weather this summer?</p> <p>Emily- Wondering how the group feels about the Jamestown S’Klallam Tribe’s FLUPSY proposal and whether members are interested in submitting feedback individually to Commissioner Petranek or having a group discussion at some point. This proposal is in the very beginning stages, so there are no decisions being made at this point, and the permitting process will inevitably lead to comment periods in the future. The group expressed a general desire to learn more about the project at some point, but for now will direct individual feedback to Commissioner Petranek. Emails written to Commissioner Petranek are part of the public record but will not be read aloud at a Port meeting unless specifically requested.</p>		
ADJOURNMENT	Meeting was adjourned at 8:00PM. Next meeting will be November 10th.	Gordon King moved to adjourn, seconded by Betsy Carlson. Motion passed.	



## Jefferson County Marine Resources Committee

## Meeting Agenda Tues, November 10, 2020 6:00-8:00PM

\*\*\*Meeting held via conference call\*\*\*

### Officers/Executive Committee:

Neil Harrington, Co-chair  
Frank Handler, Co-chair  
Jeff Taylor, NWSC Representative  
Sarah Fiskien, NWSC Alternate

### MRC Members:

Emily Bishop, District 1  
Ray RaLonde District 1  
Solenne Walker, District 1 Alt  
Brenda Johnson, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2 Alt  
Heather Burns, District 3  
Sarah Fiskien, District 3  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Cons Alt  
Pam Petranek, Port of PT  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Sci Alt  
Greg Brotherton, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt  
Judy Surber, City of PT  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is

### Staff:

Monica Montgomery, Coordinator  
Robert Simmons, WSU Faculty  
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### AGENDA

- 6:00** Call to Order – Introductions
- 6:05** Amendments to/Approval of Agenda  
Amendments to/Approval of October 2020 Minutes
- 6:08** Public Comment
- 6:10** **Guest Speakers: Judy Surber (City of PT SMP) & David Johnson (County SMP)**
- 7:00** BoCC Report (Greg)
- 7:10** Port of PT Updates (Pam)
- 7:15** **Recent Meeting Reports & Issue Updates**  
NWSC Meeting (Jeff)
- 7:20** **Administrative Updates** (Monica)
- Executive Committee officers (Neil)
  - Note taker
  - Retreat
  - Speakers/topics
- 7:30** **Current & Upcoming Projects**
- Forage Fish Monitoring: Jeff/Sarah (2 min)
  - Sea Level Rise: Emily (2 min)
  - No-Anchor Zones: Troy (2 min)
  - Rain Gardens: Bob (2 min)
  - Olympia Oysters: Neil (5 min)
  - Education & Outreach: Brenda (2 min)
  - Shoreline Landowner Outreach: Sarah (2 min)
- 7:47** Public Comment
- 7:50** MRC Member Roundtable/Announcements
- 8:00** Adjourn

### **Upcoming Meetings & Events:**

Nov 17, 9-10am – Executive Committee Meeting

Nov 18, 10am-3pm – Oil Spill Task Force [Annual Meeting](#)

Nov 19, 4-5pm – [MRC Symposium](#) (Oil Spills)

Dec 1, 6-8pm – MRC Monthly Meeting

Dec 11, 10am-12pm – NWSC Meeting

Dec 11, 930am-230pm – Strait ERN LIO Quarterly meeting

Dec 22, 9-10am – Executive Committee Meeting

Ongoing – Port of PT [Meetings](#)

Ongoing – Jefferson BoCC [Meetings](#)

**Jefferson County Marine Resources Committee  
Virtual Zoom Meeting  
November 10, 2020 Meeting Minutes**

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**Present:**

Neil Harrington, Tribal, Co-Chair  
Frank Handler, District 2 Alt., Co-chair  
Jeff Taylor, District 2, NWS Rep.  
Sarah Fiskens, District 3, NWS Alt.  
Emily Bishop, District 1  
Ray RaLonde, District 1  
Solenne Walker, District 1 Alt.  
Brenda Johnson, District 2  
Heather Burns, District 3  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Conserv Alt.  
Pam Petranek, *ex officio*, Port of Port Townsend  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Science Alt.  
Greg Brotherton, *ex officio*, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt.  
Judy Surber, City of Port Townsend

**Absent:**

**Guests:** Hugo Flores, Cheryl Lowe, Kristopher Clark, David Winters, Rosemary Sikes, David Johnson

**Staff:** Monica Montgomery, MRC Coordinator  
Bob Simmons, WSU Staff

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-chair Neil Harrington called the meeting to order at 6:00 PM. Introductions were made.	A quorum was present.	All members – please send volunteer hours to Monica
AMENDMENTS TO/APPROVAL OF AGENDA	Neil asked for approval/amendments to the Agenda. Betsy Carlson moved to approve, which was seconded by Bryan DeCaterina. Approved as written.	Betsy moved to approve the agenda. Bryan seconded. Motion passed.	
APPROVAL OF MINUTES	Neil asked for approval/amendments to the October 2020 Minutes. Brenda Johnson clarified the three top priorities of the Education and Outreach Committee, one of which was missing from the October minutes.  Sarah Fiskens moved to approve, which was seconded by Brenda. Minutes passed as amended.	Amend October minutes.  Sarah moved to approve the October minutes as amended. Seconded by Brenda. Motion passed.	Monica to make edits.
PUBLIC COMMENT	None.		
GUEST SPEAKER Judy Surber (City of PT SMP) & David Johnson (County SMP)	Judy – Shoreline Master Program (SMP) includes policies and regulations specific to shorelines. Only used for proposals within shoreline jurisdiction which is 200ft inland from ordinary high water mark (OHWM). Includes associated wetlands, freshwater lakes >20acres, and streams and rivers over a certain flow.  SMP must be consistent with Shoreline Management Act (SMA). Shoreline uses, public access and recreation, protection and restoration of the natural environment must be consistent with shoreline guidelines (in the Washington Administrative Code) and meet WA State Dept. of Ecology's approval. If there is a conflict with zoning, the SMP prevails. Critical Areas Ordinance is incorporated and must be consistent with flood damage prevention.		

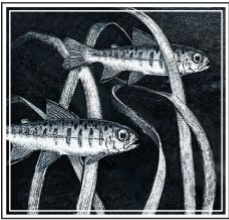


	<p>Areas get shoreline designations, similar to zoning. Uses within a designation are based on the sensitivity of that designation.</p> <p>Currently conducting an SMP periodic review. SMP updates must comply with SMA and Ecology rules as well as local plans. This is a good time to clarify or amend codes. The review process differs from a comprehensive update, which is a multi-year, intensive review process involving an advisory group.</p> <p>The City of PT is working on incorporating considerations related to climate change impacts, including sea level rise policy. Revisions are also anticipated in the aquaculture section, as there have been changes at the state level. Development should be consistent with the City's Stormwater Management Plan.</p> <p>The State Legislature made changes in the Restoration section. Native kelp, eelgrass, and native oysters now qualify for Shoreline Substantial Development Permit exemptions. They also added a way to ensure that regulations didn't shift upland when shoreline restoration projects change the OHWM so as not to disincentivize restoration projects. Ecology is recommending that the City's Restoration chapter be a standalone document so that revisions don't trigger an SMP amendment process. The Restoration chapter was last written around 2006-7 – chapter revisions lend itself as a potential MRC project.</p> <p>The City is currently organizing meetings to review draft amendments. Will go through State Environmental Protection Act (SEPA) review then a joint 30-day hearing (which includes public comment). There will be many opportunities for public comment before final review by city council and Ecology. Survey for initial feedback closes November 23<sup>rd</sup>.</p> <p>David – The Jefferson County process is very closely aligned with the City process. The County formed a Task Force because the BoCC passed a resolution in 2019 for regulatory reform. There are 2 main goals: streamline the permitting process and rewrite code in a way that's easier to understand. Wanted code to be more user friendly and eliminate some unnecessary processes.</p> <p>The Task Force consists of 12 members – they have had 4 meetings and developed 6 different focus topics. Review focused on regulatory reform goals. Ecology informed Jefferson County that they issued more shoreline conditional use permits than any other county in the state. Most of these permits were for single family home expansions within the 30ft buffer. Plan to make these a shoreline exemption and keeping the conditional use permits for vertical expansion. Towards water expansion will require a variance unless over existing nonpermeable surfaces. Plan to make mooring buoys easier to permit. Considering new policy to adapt to sea level rise: first option for structures along shorelines is to retreat, if not feasible then the next option is to move structures up, and the third option is shoreline armoring to protect the structure (though not preferred). May eventually evolve into development regulations. Want to encourage marine trades and development. Talking about rezoning upland area in Quilcene marina to allow marine trades. The Task Force requested more boat launches, but the Navy wants to restrict development in the Hood Canal for security reasons. The County doesn't have much control over boat launches.</p> <p>The Task Force compiled a list of 10 action items that they're following through. Completing checklist for periodic review and comments from staff. Deadline of Nov 30<sup>th</sup> for draft SMP into Ecology for their review. The Dept of Community Development has SMP info on their website. The final deadline is June 30, 2021.</p> <p>Q&amp;A: Conditional use permits are generally for incompatible uses, which doesn't really fit with mooring buoy applications. By changing to a substantial use permit, the environmental review will be the same - applications will still go through the SEPA process. Not losing any environmental regulations.</p> <p>In Port Ludlow they're working with Jim Johannessen (Coastal Geologic Services) on a soft shoreline armor project to protect the townhomes in the face of increasing storm surge and sea level rise.</p>	<p>Follow up email with link to the survey.</p>	<p>Monica</p>
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	<p>The County is considering asking for geologist review of feeder bluffs before permitting stairs for beach access. Currently there's a prohibition on building stairs on feeder bluffs. Want more on-the-ground analysis to determine whether stairs would actually have a negative impact for specific applications. They would include a provision in the code to prevent stair installation from enabling more hard shore armoring.</p> <p>Proposal to permit raised boat launches? Permitting would not be different for a raised boat launch. The proposed boat launch project at Fort Worden has been taken off the priority list for now. Conversation in Mats Mats on the impacts of a raised boat launch. Boat launch next to the Northwest Maritime Center belongs to the Salmon Club. It is a private parking lot with a City of Port Townsend right of way.</p>	Submit questions to David in writing, by email.	Jeff
BoCC REPORT	<p>Commissioner Brotherton – Linger Longer Marina - The County has a desire to readdress zoning there and throughout Quilcene. Will probably look like a subarea plan. Subarea plan will involve lots of public discourse about the appropriate use for that area.</p> <p>Meeting about conservation in Quilcene - the Hood Canal Salmon Enhancement Group (HCSEG) has purchased enough properties in the Moon Valley reach to begin a re-meandering project. Plan to partner with the county to reroute roads. The ultimate plan is to eliminate Linger Longer Rd. and create a detour at Rogers St. to allow channel migration and leave more room for the river.</p> <p>Pleasant Harbor Master Planned Resort (MPR) is moving forward. They have a DNR permit to cut trees down. Will spend next year building infrastructure including roads and a wastewater treatment plant. Hoping to build homes in 2022 as well as hotels, hockey rink, golf course, etc.</p>		
Port of PT UPDATES	<p>Commissioner Petranek – Point Hudson Jetty - The Port applied for a federal grant; feedback was that money will not be awarded in the first round, but looking good for the second round.</p> <p>Quilcene planning process - working with a core group of citizens who asked for a community-led process to create a vision for recreation/job opportunities at existing Port properties. The Port has no plans for development, but will back up a planning process. The group is planning to meet in January.</p> <p>The Port Commission voted against the elevated boat ramp in Mats Mats. Nam Siu &amp; Neil: An elevated ramp makes more sense in an area like Point Whitney or at Fort Worden. In Mats Mats there's little to no littoral drift so an elevated ramp would be an expensive alternative that may not be necessary in that area.</p> <p>Quilcene Marina dredging: a budget has been developed which includes dredging design funds. It will be based upon what the community wants - does the community want it dredged and what would those impacts be? Up to the community in the planning process.</p>	Let Pam know if you want to be involved in the Quilcene Port property planning process.	Everyone
RECENT MEETING REPORTS AND ISSUE UPDATES	<p><b>NWSC Meeting</b> (Jeff) – NWSC recently sent out a poll about baseline knowledge of NWSCI. Check your inbox and let Jeff know if you didn't get it</p> <p>Allie Simpson and Dana Oster (NWSC Ecosystem Project Coordinator and Marine Program Manager, respectively) received awards from Dept. of Ecology for their work this year. Congrats to them!</p> <p>The outreach committee has been encouraging outreach to elected officials. We should try to do some outreach to more elected officials.</p> <p>Presentation by Northwest Indian Fisheries Commission on the changing role of hatcheries. Available on the Ecology Box Website. Send an email to Sasha Horst (NWSC) if you want a link to view the video.</p>		
Administrative	<p><b>Executive Committee Officers</b> (Neil) – We talked last time about an idea for a 2-year rotation for Chair and Vice Chair. Vice Chair would succeed the Chair. Neil is interested in staying as Chair, Brenda has shown interest in becoming Vice Chair. Jeff is</p>		

	<p>willing to remain NWSC rep but open to others trying for the seat. Sarah also happy to continue as the alt NWSC rep.</p> <p>Monica –</p> <p><b>Note taker</b>- Emily Bishop will be leaving in the spring. Email Monica if interested in taking over as note-taker. This is a paid position that may require a business license.</p> <p><b>Retreat planning</b>- Planning a “retreat” to focus on developing projects for the next few years. Take a moment to fill out the Doodle for availability and survey to provide input on the MRC and project ideas.</p> <p><b>Speakers/topics- Proposed presentations:</b> Update from the North Olympic Salmon Coalition on the Kilisut Harbor Restoration Project. Let Monica know if you have other ideas!</p>	<p>Let Monica know if you are interested in being the next note-taker.</p> <p>Fill out Doodle and survey for MRC retreat/project planning efforts. Brainstorm project ideas and share via survey or email to Monica.</p> <p>Create a list of previous and potential speakers.</p> <p>Brainstorm speaker ideas.</p>	<p>Everyone</p> <p>Everyone</p> <p>Monica</p> <p>Everyone</p>
CURRENT & UPCOMING PROJECTS	<p><b>Forage Fish Monitoring</b> (Jeff/Sarah) – Jeff sampled in Discovery Bay. Results are going to be slow because the lab was shut down due to COVID-19 restrictions. Sarah has sampled 4 times now at the Dabob Bay site. Planning to start monitoring Fort Townsend for a fifth year of post-restoration monitoring (November through February or March).</p> <p><b>Sea Level Rise</b> (Emily) – Spoke with Ian Miller to follow up on questions from his presentation at the last meeting. There is no state mandate or allocated funding to update sea level rise (SLR) projections, but they keep an eye on new data for evidence that compels an update. One publication almost triggered an update, but they waited for results to be replicated/vetted, and it didn't hold up over time (the 2017 NOAA projections did use these data which explains some differences in the projection ranges). Updates also create anxiety, and the bottom line is that communities should make their own determinations for what amount of SLR would begin to cause serious damage and plan for that. Any amount of SLR planning at all is great; planning for 2-3ft of SLR is outstanding.</p> <p>The frequency of storms and the severity of storms is not necessarily increasing in the Puget Sound region. Climate change doesn't seem to impact wave height/storm surge levels in our region. El Nino will be occurring with higher frequency in the 21<sup>st</sup> century, but the highest water levels may not always be associated with El Nino cycles.</p> <p><b>No-Anchor Zones</b> (Troy) – Took out summer buoys, replaced with winter buoys. Pam did a great job driving the boat. Gordon and Bryan also did great work. Buoys are in the WSU storage.</p> <p><b>Rain Gardens</b> (Bob) – Was approached by the Quilcene school about putting a second rain garden there. Going to meet with facilities staff and a teacher, then meet with the subcommittee to decide if that's a good project to take on this year. A committed group of Master Gardener volunteers weeded, replanted and mulched the rain garden at Chetzemoka Park.</p> <p><b>Olympia Oysters</b> (Neil) – Would like to do more of a presentation in December. Storms may be moving oysters to the south. In the southern part in Discovery Bay near the Powerlines Site, densities are looking pretty good. Found very little Olympia Oyster set on the shell that was placed at the Lagoon Site in June, but will likely see more in the spring as they grow.</p> <p><b>Education and Outreach</b> (Brenda) – E&amp;O subcommittee met on Oct 13<sup>th</sup>. In preparation of the meeting, sent out a survey about what they think is most important for education and outreach. Climate change education in the community was priority. Plan to develop tools including a guide for educating ourselves, then how to reach out and communicate climate science to the broader community.</p> <p><b>Shoreline Landowner Outreach</b> (Sarah) – Lisa Kaufman (NWSF) is organizing a workshop, which has been postponed until at least January.</p>		
PUBLIC COMMENT	Public Comments – none.		

MRC Roundtable/ Announcements	<p>Betsy – There's a dead humpback whale at the tip of Fort Flagler. The Port Townsend Marine Science Center did a necropsy. It was a young male, and likely died from entanglement.</p> <p>Local 20/20 is hosting a Taming Bigfoot Competition. Teams track their carbon footprint and attempt to reduce it. They reached out asking if the MRC is interested in sponsoring or endorsing. Judy/Greg – We might be able to recommend that BoCC endorse it, but as an advisory body to the BoCC we may not be able to directly endorse.</p>		
ADJOURNMENT	Meeting was adjourned at 8:00PM. Next meeting will be December 1 <sup>st</sup> .	Gordon King moved to adjourn, seconded by Emily. Motion passed.	



## Jefferson County Marine Resources Committee

## Meeting Agenda Tues, December 1, 2020 6:00-8:00PM

\*\*\*Meeting held via conference call\*\*\*

### Officers/Executive Committee:

Neil Harrington, Co-chair  
Frank Handler, Co-chair  
Jeff Taylor, NWSC Representative  
Sarah Fiskien, NWSC Alternate

### MRC Members:

Emily Bishop, District 1  
Ray RaLonde District 1  
Solenne Walker, District 1 Alt  
Brenda Johnson, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2 Alt  
Heather Burns, District 3  
Sarah Fiskien, District 3  
Betsy Carlson, Envir/Conserv  
Bryan DeCaterina, Env/Cons Alt  
Pam Petranek, Port of PT  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Brent Vadopalas, Marine Sci Alt  
Greg Brotherton, BoCC  
Troy McKelvey, Recreation  
Roy Clark, Recreation Alt  
Judy Surber, City of PT  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is

### Staff:

Monica Montgomery, Coordinator  
Robert Simmons, WSU Faculty  
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### AGENDA

- 6:00** Call to Order – Introductions
- 6:05** Amendments to/Approval of Agenda  
Amendments to/Approval of November 2020 Minutes
- 6:08** Public Comment
- 6:10** BoCC Report (Greg)
- 6:15** **Administrative Updates** (Monica)
- Vote: Executive Committee officers (Frank)
  - Subcommittee for new MRC positions
  - Note taker
- 6:30** **2020 Project Highlights & Proposed Actions** (~7 min each)
- Volunteer Hours (Monica)
  - Forage Fish Monitoring (Monica/Jeff/Sarah)
  - Kelp (Emily)
  - Rain Gardens (Bob)
  - No-Anchor Zones (Troy)
  - Education & Outreach (Brenda)
  - Olympia Oysters (Neil)
  - Crabber Outreach (Roy)
  - Shoreline Landowner Outreach (Sarah)
- 7:30** **2021-2023 New Project Ideas**
- Oil Spills (Jeff)
  - Derelict Gear
    - ROV/Collab with robotics teacher
    - Shine Tidelands nylon rope removal
    - Derelict boats
    - MyCoast app
  - Other Ideas?
- 7:52** Public Comment
- 7:55** MRC Member Roundtable/Announcements
- 8:00** Adjourn

### **Upcoming Meetings & Events:**

Dec 1, 6-8pm – MRC Monthly Meeting

Dec 11, 10am-12pm – NWSC Meeting

Dec 11, 930am-230pm – Strait ERN LIO Quarterly meeting

Dec 15, 9-10am – Executive Committee Meeting

Dec 15, 12-1pm – NWSI 101

Ongoing – Port of PT [Meetings](#)

Ongoing – Jefferson BoCC [Meetings](#)

# Jefferson County Marine Resources Committee

## Virtual Zoom Meeting

### December 1, 2020 Meeting Minutes

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**Present:**

Neil Harrington, Tribal, Co-Chair  
 Frank Handler, District 2 Alt., Co-chair  
 Jeff Taylor, District 2, NWS Rep.  
 Sarah Fiskien, District 3, NWS Alt.  
 Emily Bishop, District 1  
 Solenne Walker, District 1 Alt.  
 Brenda Johnson, District 2  
 Betsy Carlson, Envir/Conserv  
 Bryan DeCaterina, Env/Conserv Alt.  
 Pam Petranek, *ex officio*, Port of Port Townsend  
 Gordon King, Commercial Interest  
 Nam Siu, Marine Science  
 Brent Vadopalas, Marine Science Alt.  
 Troy McKelvey, Recreation  
 Judy Surber, City of Port Townsend

**Absent:**

Ray RaLonde, District 1  
 Heather Burns, District 3  
 Greg Brotherton, *ex officio*, BOCC  
 Roy Clark, Recreation Alt.

**Guests:** Dana Oster, NWSC

**Staff:** Monica Montgomery, MRC Coordinator  
 Bob Simmons, WSU Staff

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-chair Frank Handler called the meeting to order at 6:00 PM. Introductions were made.	A quorum was present.	All members – please send volunteer hours to Monica
AMENDMENTS TO/APPROVAL OF AGENDA	Frank asked for approval/amendments to the Agenda. Gordon King moved to approve, which was seconded by Sarah Fiskien. Approved as written.	Gordon moved to approve the agenda. Sarah seconded. Motion passed.	
APPROVAL OF MINUTES	Frank asked for approval/amendments to the November 2020 Minutes. Neil Harrington moved to approve, which was seconded by Betsy Carlson. Minutes passed as written.	Neil moved to approve the November Minutes. Seconded by Betsy. Motion passed.	
PUBLIC COMMENT	None.		
BoCC REPORT	Commissioner Brotherton – Not present.		
Administrative	<p><b>Executive Committee Officers</b> (Frank)- The following slate of candidates have agreed to be on the 2021 executive committee: Neil Harrington- Chair, Brenda Johnson- Vice Chair, Jeff Taylor- NWS Rep, Sarah Fiskien- NWS Rep Alt. This is an uncontested election, so an anonymous poll is not necessary.</p> <p>Motion to approve the slate of candidates by Betsy. Seconded by Judy Surber. Unanimously approved.</p> <p>Monica-</p> <p><b>Subcommittee for new MRC positions-</b> Upcoming position openings for District 1, District 1 Alt, and District 3 Alt positions. Looking to set up subcommittee to read applications and interview. Bryan DeCaterina, Neil, and Sarah volunteered. Betsy volunteered if a fourth MRC member is necessary.</p> <p><b>Note taker-</b> Friendly reminder that a new note taker will be needed this spring. Meetings can be recorded then reviewed later for the purpose of recording minutes. Solenne Walker expressed interest in the position.</p>	Betsy moved to approve the 2021 executive committee, seconded by Judy. Motion passed.	
2020 Project Highlights & Proposed Actions	<b>Volunteer Hours (Monica)-</b> Overall MRC hours reported for grant year Oct 2019-Sept 2020 was 1457 hours, compared to 1614 hours reported the previous grant year. While meetings do		

	<p>take up a large portion of MRC time, nearly half of the total hours were dedicated to on-the-ground projects.</p> <p><b>Forage Fish Monitoring</b> Fort Townsend State Park, Port Townsend Bay (Monica)- Original goal was 5 years of post-restoration monitoring at this site. This is the 6<sup>th</sup> year monitoring for forage fish at that site (1 year pre-restoration and will be the 5<sup>th</sup> year post-restoration). The team will be working on a summary of the project's results following the monitoring season (i.e. after March). Sand lance and surf smelt eggs have been found post-restoration. The site volunteers showed interest in continuing to monitor, though there was some discussion about the value of annual monitoring vs. monitoring the 7<sup>th</sup> and 10<sup>th</sup> years following the restoration work. If continuing to monitor annually, there was a suggestion to switch this to a long-term index site, which would use a slightly different protocol.</p> <p>Adelma Beach, Discovery Bay (Jeff)- Jeff and Cindy have been the only volunteers to monitor this site following the Stay Home orders. Lab analysis has not yet been completed due to delays related with the COVID-19 pandemic. Planning to continue monitoring at this site.</p> <p>Siri's Cove, Dabob Bay (Sarah)- This is a new index site, added as of June 2020. Completed 5 surveys at this site so far. The samples haven't been delivered to WDFW yet, so there are no results at this time. New volunteers are welcome and monitoring will continue in the future.</p> <p><b>Kelp</b> (Emily)- The team completed 3 official surveys this year, some of which were in tandem with aerial drone surveys. Since Emily will be leaving the MRC, a new project lead is needed. Betsy is interested in continuing kelp, possibly taking on the lead role. Solenne and Bryan also expressed interest in continuing and being kept involved in any equipment trainings. The MRC acquired a YSI which will be used to take water quality measurements during future surveys.</p> <p><b>Rain Gardens</b> (Bob)- There were successful virtual trainings and 2 new rain gardens installed in 2020. The MRC has been involved in installation of 9,116 sq ft of rain garden since 2014. Going forward, looking to install 1-2 rain gardens per year, continuing maintenance, and training. Recently, Quilcene School reached out about adding a second rain garden on the other side of their parking lot. They have some funding to contribute and there will be donated excavator time/services.</p> <p><b>No-Anchor Zones</b> (Troy)- This year saw ~98% boater compliance, a successful swap of buoys in the spring and fall, and a successful contract of diving services. Proposing to continue monitoring and servicing, adopt a diving manual and safety procedures, as well as reach out to partners and advise other MRCs. Gordon will reach out to Hama Hama contacts to see if they are interested in helping maintain the Port Hadlock shellfish bed buoys. Bryan has heard that Hama Hama might be looking to expand the shellfish beds in the future, and might want the buoys moved back. The buoys are augered in and easy to move, but would need approval/documentation if/when that occurs from DNR, Army Corps, Coast Guard, WDFW, and the City/County. Should check the status of MRC signs informing boaters of the no-anchor zones, to replace where needed and ensure they are located in strategic areas. There was a suggestion to provide a "Thank you for anchoring out" message, e.g. by placing a note on compliant boats.</p> <p><b>Education and Outreach</b> (Brenda)- The education and outreach committee successfully spent down funds that would otherwise have expired. Funds were used to buy/update/improve ads, videos, rack cards, educational greeting cards, presentations, microscope, poster, and website updates. The committee prioritized needs based on what was outdated or otherwise nonexistent. Coming up, there will be a speaker series, a focus on climate change education, and an effort to reach a broader audience across the county, and possibly work with teachers and kids.</p> <p><b>Olympia Oysters</b> (Neil)- Discovery Bay oyster restoration has done well and is enhancing a native population. This year, the team added clean cultch and monitored at the Powerlines</p>	<p>Re-send link to aerial footage</p> <p>Communicate with Hama Hama about potential partnership to maintain the Port Hadlock buoys</p> <p>Find and share list/map of MRC's interpretive signs.</p> <p>Follow up to discuss printing a professional poster design</p>	<p>Emily</p> <p>Gordon</p> <p>Monica</p> <p>Betsy/Monica</p>
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	<p>site. There were also reconnaissance site visits in Mystery Bay and Dabob Bay, and nice populations were found at both sites. Propose to continue spreading cultch and monitoring, and to look for new sites. May be reaching the permit limit for spreading cultch. Will begin taking water quality measurements with the new YSI, particularly at the Lagoon site. Will work on determining if and how we can monitor the population south of the restoration site for a better understanding of the Discovery Bay population, as cultch and settled oysters tend to drift here.</p> <p>There are several factors which may be related to the lack of Olympia oyster success at the north end of Quilcene Bay, including presence of oyster drills and general heat stress. Some individual mortalities don't have a mark from oyster drills on their shells and some have dead vegetation on them. Southern Quilcene Bay might have more Olympia oysters.</p> <p><b>Crabber Outreach</b> (Monica/Sarah)- The MRC worked with the Northwest Straits Foundation (NWSF) to promote a virtual crabber outreach workshop in July, and distributed educational materials locally. Plan to continue this project in partnership with NWSF.</p> <p><b>Shoreline Landowner Outreach</b> (Sarah)- Virtual workshop for shoreline property owners has been pushed back to January. Looking for potential new site visits in the spring, but funding expires in March (with possible extension through June). They're searching for potential restoration sites and landowners to partner with. Shoreline surveyors with the Jeff. Co. Environmental Public Health Dept. may be a great resource of shoreline knowledge, and would be a good partnership to connect shoreline landowners with this potential grant opportunity.</p>	<p>Let Monica know if you have any potential landowner partnerships or shoreline restoration candidate sites in mind</p> <p>Connect with county staff (Mike Dawson) for potential shoreline restoration sites</p>	<p>Everyone</p> <p>Monica</p>
2021-2023 New Project Ideas	<p><b>Oil Spills</b> (Jeff)- Interested in forming an oil spill working group to see what we might take on regarding this topic. Other MRCs have been involved in response plans and risk assessments. WA state Dept. of Ecology welcomes input, and some other counties are more active in providing input than we are. There may be resources to help us do so. The regional oil spill response plan is updated frequently, and there are calls for comments. We may have some concerns/input about what habitats are prioritized in response plans.</p> <p>We took a poll, and Jeff was recognized as the de-facto project lead, though he welcomed others to step up if interested. Three votes indicated interest in volunteering on this project and four indicated potential interest with more information/discussion.</p> <p><b>Derelict Gear</b> ROV/Collab with teacher- Jeff discussed the potential for collaboration with a high school robotics teacher, using an ROV to survey for derelict gear. Possibly of use in marinas where side scanning sonar isn't feasible.</p> <p>Shine Tidelands nylon rope removal- previously suggested by Roy. Not a whole project, but a one-time event that would fit under the umbrella of derelict gear.</p> <p>Derelict boats- general topic that was discussed but without specifics. Generally noted that it is broad and complicated and would likely be its own separate project if taken on.</p> <p>MyCoast app- discussion of use and potential for community training events. Would reach beyond derelict gear, since the app is also used for reporting large marine debris, king tides, etc.</p> <p>We took a poll for a project focused on derelict gear. Two votes indicated interest in volunteering on this project and six indicated potential interest with more information/discussion.</p> <p><b>Other Ideas?</b> Judy- There used to be training available for shoreline planners/interested parties to learn about, e.g., native vegetation plantings for bluff stabilization. Something like this may be related to the MRC's shoreline landowner outreach efforts. Bob and others mentioned similar trainings that are still available. An idea was shared to offer MyCoast training at shoreline landowner and planner workshops.</p>		

	<p>Since Fort Townsend State Park restoration is complete- is there another park project we could partner on for restoration with State Parks, County Parks, or others?</p> <p>Pam suggested looking into the ecological changes and potential needs at Quilcene Bay. Bob inquired if there was an opportunity to restore eelgrass in Quilcene Bay or other sites. Nam commented that DNR did eelgrass test plantings which included sites in Quilcene/Dabob Bays.</p> <p>Emily- The speaker series is a good idea for Education and Outreach because there is always lots of interest in speakers. That being said, there are lots of speaker series in the region, between NOAA NWFSC, UW, PTMSC, WA Sea Grant, and others. It would be great if the MRC or NWSC could host a calendar or other repository of Zoom links where everyone could see what's available and access content.</p> <p>Mussel Watch- mixed feedback on whether to continue this project. There is a long lag between data collection and reporting by WDFW so there is a question of what value these data bring.</p> <p>Revise the City of PT Shoreline Master Program restoration chapter- Neil could provide revisions but is not committing to lead. Judy said that this chapter is mostly used for mitigation opportunities but not as often for straight restoration opportunities.</p> <p>The area next to the Kilisut Harbor Restoration Project may be good for Olympia oyster restoration. Potential to start investigating this as a restoration site.</p>		
PUBLIC COMMENT	Public Comments – none.		
MRC Roundtable/ Announcements	Betsy- Betsy Peabody from the Puget Sound Restoration Fund will be presenting for the Port Townsend Marine Science Center lecture series on December 13 <sup>th</sup> at 3pm. Topic: "Immersion in the World of Kelp." RSVP on the PTMSC website to get the Zoom link.		
ADJOURNMENT	Meeting was adjourned at 8:02PM. Next meeting will be January 5th.	Gordon moved to adjourn, seconded by Pam. Motion passed.	