

## Jefferson County Marine Resources Committee

## Meeting Agenda Jan. 3, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

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

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

6:00 pm

Call to Order/Roll Call  
Guest Introductions  
Reporting monthly volunteer hours  
Amendments to/Approval of Agenda  
Approval of December Minutes

6:07 pm

Public Comment

#### **MRC Members:**

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fiskien, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
\_\_\_\_\_, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
Chris Eardley, Tribal Alt.  
\_\_\_\_\_, U.S. Navy, Indian Is.

6:10 pm

Guest Speaker  
John Cambalik, Strait ERN update

6:30 pm

Administrative  
MRC planning/general discussion  
Program assistant  
Speaker ideas/discussion

7:00 pm

Current & Upcoming Projects  
Project Status Reports:  
Outreach – PT School District (Cheryl)- 10 min  
Forage fish monitoring – 5 min  
Derelict boats (Steve?) – 5 min  
Oly Oyster (Chris) – 10 min  
Rain Garden (Bob/Anna)- 5 min  
Kelp Monitoring – No report  
No-anchor Zones (Dale) – 5 min  
Nearshore Restoration (Cheryl) – Disco Bay

7:45 pm

Recent Meeting Reports  
NWSC update

7:50 pm

Public Comments

7:55 pm

MRC Member Roundtable/Announcements

8:00 pm

Adjourn

#### **Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

### Meetings, Events and Dates to Remember

Jan 13. Strait ERN meeting rescheduled, 9:30 am – 2:30 pm

Feb. 4 Sound Waters University, Langley, Whidbey Island

Feb. 7, 2017 MRC Monthly Meeting 6 pm

**Jefferson County Marine Resources Committee**  
**Port Commissioners Bldg.**  
**333 Benedict Street**  
**Port Townsend, WA**  
**January 3, 2017 Meeting Minutes**

**Present:**

Wade Crouch, District 3, Co-Chair  
Emily Bishop, District 1  
Jeff Taylor, District 2, NWS Alt.  
Frank Handler, District 2 Alt.  
Jackie Gardner, District 3 Alt.  
Anna Bachmann, Environment Alt.  
Steve Tucker, *ex officio*, Port of Port Townsend  
Nam Siu, Marine Science  
Dale Moses, Recreation, NWS Representative  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal  
Chris Eardley, Tribal Alt

**Guests:**

Betsy Carlson, John Cambalik

**Absent:**

Ashley Mackenzie, District 1, Co-Chair  
Shannon Davis, District 1 Alt.  
Andrew Palmer, District 2  
Sarah Fiskén, District 3  
Al Bergstein, Environment  
Sam Gibboney, Port of Port Townsend Alt.  
Gordon King, Commercial Interest  
Judy D'Amore, Marine Science Alt.  
Kate Dean, *ex officio*, Jefferson County Commissioner

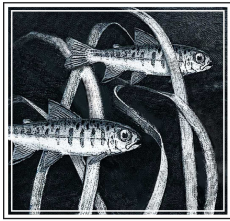
**Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER	Co-Chair Wade Crouch called the meeting to order at 6:00 PM.	A quorum was present.	All members – please sign in and record volunteer hours by project.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES  GUEST INTRODUCTIONS	Wade asked for amendments to the agenda.  There was a round of introductions as guests and new members were present.  Wade asked for amendments to/approval of the Minutes.	Judy Surber moved to approve the agenda. Neil Harrington seconded. Motion passed unanimously.  Steve Tucker moved to approve the December minutes as is, seconded by Nam Siu. Motion passed unanimously.	
PUBLIC COMMENT	None.		
GUEST SPEAKERS	<p><b>John Cambalik, Strait Ecosystem Recovery Network (Strait ERN) Update</b> – The Strait ERN is one of the 9 Local Integrating Organizations (LIOs) in the Puget Sound. The 9 cover all geographic areas except the Skagit, which has yet to form an LIO.</p> <p>The Strait Ecosystem Protection and Recovery Plan is now in Final Draft form and was submitted last Sept to Puget Sound Partnership (PSP).</p> <p>John provided an overview of the Strait ERN including geographic area, mission, structure and decision making process. He noted that Jefferson MRC is also within the Hood Canal Coordination Council LIO. Each LIO is structured differently to allow local flexibility. Strait ERN decision-making is bottoms up and requires full membership (over 30 members). If the item is time sensitive, the Steering Committee may approve. Quarterly meetings are held. Strait ERN has a Steering Committee and various task force groups. Bob and Neil serve on the Technical task force group.</p> <p>John reviewed the Final Draft Strait ERN Plan which consists of:  24 specific near-term actions;  20 2016 Salmon Recovery actions and  3 Near term Actions from 2014-2015</p> <p>The overall funding is complex. For the near-term actions (NTAs) funding can be provided by the National Estuary Program from EPA and administered by three different state agencies. PSP, a small state agency, updates the Action Agenda and tracks the program. They are currently vetting the final draft plan and thus his visit to the MRC today. The plan is on line. Cheryl has the</p>	Cheryl will distribute the key documents. If members have input (i.e., gaps/priorities) please funnel through Neil, Bob or Cheryl and we can review at future MRC meeting.	

	<p>link. He provided a handout list of NTAs and touched on key items including one submitted by Jefferson MRC. John summarized a second handout - Short-term goal statements. He asked members to review it and see if there are any gaps. Finally, he reviewed the 13 local strategies from the draft plan.</p> <p>Bob noted that Kate Dean will be the County BoCC representative on both the Straits ERN and MRC.</p> <p>John would like feedback by March for consideration at their May quarterly meeting. Cheryl will distribute the key documents. If members have input (i.e., gaps/priorities) please funnel through Neil, Bob or Cheryl and we can review at future MRC meeting. NTAs are updated every 2 years by legislative requirement.</p>		
ADMINISTRATIVE	<p><b>MRC planning/general discussion</b> – (Cheryl) - Are we doing okay in terms of the process we use to determine projects? And the role we play in the community? Is there a different process for planning future projects? Discussion ensued with some suggestions including earlier brainstorming, checklists, template for each project; synopsis of each project early on, grouping ideas, method of voting process (with numbers/hand vote/dots); retreat or regular meetings, use of preliminary surveys.</p> <p><b>Program Assistant</b> –(Cheryl) - We have received the Opportunity Fund Grant. She will draft a seasonal part-time position description over the next two weeks. Jackie and Bob and Emily agreed to review the draft. She hopes to have position filled in March.</p> <p><b>Speaker ideas/discussion</b> (Cheryl) - She referred to back of agenda for past presentations (2015 &amp; 2016) and preliminary ideas for 2017. Input included: WDFW speaker (crab/shrimp surveys); candidates; NWSF, NWSC, invite new Executive Director; Patty Charnas of Jefferson DCD: Shannon Miller from Point No Point on forage fish spawning. Eelgrass trends, Battelle labs; DNR; Donna Frostholt on Jefferson County SMP implementation. Surf Riders Association. Other MRCs with success in projects we are considering.</p>		
Current and Upcoming Projects	<p><b>Outreach - PT School District</b> – (Cheryl) A meeting was held with school district in early December. It led to grant proposal submitted to NOAA for teacher professional development. If grant comes thru MRC would work with the school on Oly Oysters and raingardens.</p> <p><b>Forage fish monitoring</b> - (Jeff) - He and Troy did another sampling at Aldema Beach and found no eggs. Several neighbors contacted them during the sampling. Cheryl asked Jeff to track number of contacts and their names. He would like an expert to come help ensure they are sampling correctly - he will talk to Lucas. Neil volunteered to go in the field with them. Next sampling likely 1/20/17. Timing and method of feedback on samples was discussed.</p> <p><b>Derelict boats</b> - (Steve) - Troy and Steve recently pulled up derelict debris along the Larry Scott Memorial Trail. While it is DNR's responsibility, it is low a low priority for them. Once a boat breaks free and grounds on upland, it becomes the landowner's problem. Steve will continue to pursue how best we can coordinate with other agencies on derelict vessels/develop a protocol/be proactive. Jackie requested notification of future meetings of this group.</p> <p><b>Oly Oyster</b> (Chris) - subcommittee met last month. Focus was to get all members oriented. WDFW brought them up to date with latest methods. They discussed sites and goals for 2017. He will distribute subcommittee meeting notes to the MRC.</p> <p><b>Rain Garden</b> (Bob/Anna) -Hopes to have sites identified by end of month. Wants group to meet early-mid February for next steps. He has asked City for input on additional sites. (Subcommittee: Troy/Wade/Anna/Judy d'Amore).</p> <p><b>No Anchor Zones</b> (Dale) - Some of our buoys have disappeared including the one large summer buoy and up to five winter buoys. Will need to hire a diver to determine if line is still in place.</p> <p><b>Nearshore Restoration</b> (Cheryl) - We will be getting NWSF funding for education programs in Discovery Bay to reach out to landowners on armoring. Idea is to do outreach on a</p>	<p>Jeff to track number of contacts and their names.</p> <p>Neil to go in the field with Jeff and Troy.</p> <p>Steve to notify Jackie of future meetings.</p> <p>Chris to distribute subcommittee notes to full MRC.</p> <p>Dale to explore hiring diver to check on buoy tackle.</p> <p>Cheryl to discuss with Education Committee and contact Pat Pearson/Kevin Long/Darcy on previous events.</p>	

	neighborhood-friendly approach with a good weather event with a broad array of topics to attract interest. She will discuss with Education Committee. Someone suggested a dessert potluck. Neil suggested checking in with Pat Pearson/Kevin Long/Darcy on previous events.		
Recent Meetings Report	<b>NWSC update</b> - Dale referred to reports that are circulated with summary of NWSC meetings. He is not optimistic on federal funding. He and Cheryl will check into distribution of NWSC and NWSF newsletters.	Cheryl will check into distribution of NWSC and NWSF newsletters.	
Public Comment	None.		
MRC Roundtable/ Announcements	Dale shared NPR report: Hood Canal has just been approved for expansion of a conservation area (Dabob Bay & Devil's Lake). Neil - President Obama approval of National Infrastructure Fund, which authorizes funds for projects including Duckabush highway bridge. Bob - Recent Supreme Court Case - re: 2015 Stormwater management regulations - if you have not broken ground, must conform with current regulations. Nam shared info on recent research vessel findings re: mapping of methane seeps in CA. 1/13/17 - Strait ERN meeting: Neil and Bob plan to attend. 2/4/17 - Sound Waters University - recommend signing up early if interested. Highly recommended. 2/7/17 - Next MRC monthly meeting.		
ADJOURNMENT	Meeting was adjourned at 7:58 PM		



# Jefferson County Marine Resources Committee

## Meeting Agenda Feb. 7, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

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

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

6:00 pm

Call to Order/Roll Call  
Guest Introductions  
Reporting monthly volunteer hours

6:05 pm

Amendments to/Approval of Agenda  
Approval of January Minutes

6:07 pm

Public Comment

#### **MRC Members:**

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fiskens, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
Chris Eardley, Tribal Alt.  
\_\_\_\_\_, U.S. Navy, Indian Is.

6:15 pm

#### Administrative

Strait ERN goals—what's missing? (Cheryl)  
MRC Project Planning 2018  
Program Assistant selection process  
State Agency Net Pen Update - MRC input (Al)  
BoCC report (Kate Dean)

7:05 pm

#### Current & Upcoming Projects

##### Project Status Reports:

Forage Fish (Jeff, Jackie, Cheryl) – 5 min  
Derelict boats (Steve) – Update?  
Kelp Monitoring – No update  
Oly Oyster (Chris) – 5 min  
Outreach/PT School District (Cheryl) – 5 min  
No-anchor Zones (Dale) – 5 min  
Rain Gardens (Anna) – 5 min

7:30 pm

#### Recent Meeting Reports

NWSC update (Dale & Jeff)  
Strait ERN mtg (Neil)  
Chumsortium mtg (Cheryl)

7:50 pm

Public Comments

7:55 pm

MRC Member Roundtable/Announcements

8:00 pm

Adjourn

#### **Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

### Meetings, Events and Dates to Remember

Feb. 2 Chumsortium mtg, 9 am, WDFW office

Feb 8, Hood Canal Coordinating Council mtg, Port Ludlow

Feb 11, PTMSC Lecture- Elwha Coastal Response with Ian Miller, Fort  
Worden, 3 pm

Feb. 15 PTSD Maritime Discovery Panel, 1-2pm Blue Heron School

Feb 25, Clallam MRC Program - Food Webs Can be Fishy, 2-4 pm at Vern  
Burton Community Center

**Jefferson County Marine Resources Committee  
Port Commissioners Bldg.  
333 Benedict Street  
Port Townsend, WA  
February 7, 2017 Meeting Minutes**

**Present:**

Ashley Mackenzie, District 1, Co-Chair  
Wade Crouch, District 3, Co-Chair  
Emily Bishop, District 1  
Andrew Palmer, District 2  
Jeff Taylor, District 2, NWS Alt.  
Frank Handler, District 2 Alt.  
Sarah Fiskén, District 3  
Anna Bachmann, Environment Alt.  
Steve Tucker, *ex officio*, Port of Port Townsend  
Kate Dean, *ex officio*, BOCC  
Dale Moses, Recreation, NWS Representative  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal  
Al Bergstein, Environment

**Absent:**

Shannon Davis, District 1 Alt.  
Jackie Gardner, District 3 Alt.  
Sam Gibboney, Port of Port Townsend Alt.  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Chris Eardley, Tribal Alt

**Guests:**

Betsy Carlson, Rich Childers, Jeff Gallant

**Staff:**

Cheryl Lowe, Coordinator

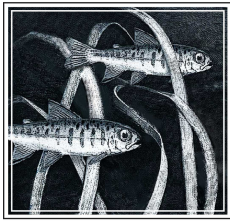
Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-Chair Wade Crouch called the meeting to order at 6:00 PM. There was a round of introductions as guests were present.	A quorum was present.	All members – please sign in and record volunteer hours by project.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Wade asked for amendments to the agenda.  Wade asked for amendments to/approval of the Minutes.	Andy Palmer moved to approve the agenda. Neil Harrington seconded. Motion passed unanimously.  Steve Tucker moved to approve the January minutes as is, seconded by Sarah Fiskén. Motion passed unanimously.	
PUBLIC COMMENT	Public Comment: Betsy Carlson of the PTMSC announced that the hydrophone at the pier is working again. This Sunday, PTMSC hosts speaker Ian Miller re: Elwha restoration. Peter Bahls with NW Watershed Institute is looking for volunteers for fish seining and identification.		
ADMINISTRATIVE	<p><b>Strait ERN</b> (Cheryl) At the last meeting John Cambalik gave an overview of Straits ERN and asked for MRC feedback on regional goals. She suggests adding a specific goal about removing armoring in Discovery Bay. Short term goal: remove 200 feet. Long term: 750 feet. Also that the MRC recommend adding a few more details on Olympia oyster goals. Members approved by consensus.</p> <p>Cheryl added that, per her conversations with Brady Blake, native abalone populations are also of concern. Discussion ensued. Rich and MRC members briefly summarized current efforts and thoughts on future speakers (e.g. Shannon Pt.)</p> <p>(Kate Dean joined the meeting)</p> <p>Betsy added that PTMSC is looking at possibility of rearing pinto abalone and providing public education. They are currently conducting a trial and will apply for ALEA funds.</p> <p><b>MRC Project Planning 2018</b> - Cheryl referred to a handout</p>		

	<p>listing the projects. Exec Committee reviewed and agreed we should start with our ongoing projects and discuss either expansion/modification of existing or adding projects. By the April meeting, we need to decide on our projects. Cheryl summarized projects on the list and members provided input. Jeff clarified that "Kelp Monitoring" is an on-going project but not sure what next year's effort will look like (completed this year?).</p> <p>Jeff noted that they plan to continue forage fish spawning surveys at Adelma Beach next year--likely through Sept. 2018. Neil added: Oct-March best window for finding eggs. However, he does feel it is worthwhile sampling year-round.</p> <p>The "Oly Oyster" committee is looking at the potential to expand into Killisut Harbor in next year or two. Neil recommended data loggers to gather more useful data. Neil and Chris Eardley would like to do a site visit to the Quilcene and Disco Bay sites this spring.</p> <p>"Rain gardens": (Cheryl) we've committed to two sites this year. She assumes we'll continue into 2018 with two a year. This year, rain gardens had the largest share of the project portion of the budget.</p> <p>"Shoreline Restoration" (Cheryl): NWSF has funding to support this effort, so our commitment is more in terms of hours. Steve spoke of Fort Worden Lighthouse and Larry Scott Memorial Trail (LSMT) as potential sites - dune replacement/erosion prevention. Cheryl informed WSP that MRC is interested in being included in the on-going discussions about the Lighthouse. Cheryl, Lisa Kaufman and Steve will meet re: LSMT opportunities.</p> <p>Additional Ideas on the handout -</p> <p>1) Derelict Boats - Steve sees MRC potential role as monitoring and helping to contact boat owners. Potential to develop protocols and/or brochure to be model for others. Great topic for WBF booth. DNR has some guidance. It was agreed more information is needed.</p> <p>2) Update 2013 JCMRC Strategic Plan - AI suggested waiting until 2018 given current unknowns at the federal level &amp; NWSC funding. NWSC will be updating their strategic plan at an upcoming retreat.</p> <p>3) Maintain or expand Maritime Discovery Program connections - we will know more later in 2017. MRC reps (Cheryl and Wade) will be on the PTSD panel with teachers to discuss opportunities. Raingardens and water quality/Oly Oysters ties in with their curriculum.</p> <p>4) Program Assistant for next year - This year, we qualified for special funding. What do we want to do for future years? - Apply each year for NWSF opportunity fund or include in NWSC budget? (\$7K)</p> <p>Andy requested list of the agencies/groups MRC participates with and how much time that involves (PSP, Protection Island, etc.)</p> <p>Of new ideas, Pinto Abalone (Investigating Stage) and Derelict Gear seem to be of most interest.</p> <p>Cheryl clarified this is to help develop our work plan and budget for 2018 fiscal year (begins Oct. 2017). Cheryl will flesh out with input from others and we'll go over the list again. Executive Committee to regroup on next steps.</p> <p><b>Program Assistant Selection-</b> (Cheryl) Application deadline 2/14. Ashley, Neil and Judy S. volunteered to help. Judy shared Internship link.</p>		<p>Cheryl, Lisa Kaufman and Steve to meet re: LSMT opportunities.</p>
--	--	--	---

	<p><b>State Agency Net Pen Update-</b> (Al) ECY is reviewing net pen guidance which has not been updated in 30 years. Scientifically oriented. Dec. 2018 due to have review complete and hold a press conference. Two public forums will be held. Schedule posted on their site. Al offered to give updates to the MRC, he is on the ECY email list. Members shared info with recent issues in the industry with sea lice. Rich summarized NWSC efforts including gathering input from the MRCs. Cheryl to forward Lucas email that includes a draft of NWSC letter.</p> <p>BoCC report – (Kate Dean) - She is exploring ways in which MRC and BoCC can work best together. She sees MRC work as two pronged: 1) Project and 2) Advisory. County looking at a Newsletter - which may include celebrating success stories. She wants to use the MRC for input on key issues. Let her know if you there is interest in any legislation as she is in Olympia regularly.</p>		Cheryl to forward Lucas email/ draft of NWSC letter.
Current and Upcoming Projects	<p><b>Project Status Reports:</b></p> <p><b>Forage Fish</b> (Jeff, Jackie, Cheryl) - covered previously. Cheryl to send email invite 2/14 @ 2:30 from Jamestown Sk'lallam re: tour to demonstrate processing of samples.</p> <p><b>Derelict boats</b> (Steve) - already covered.</p> <p><b>Kelp Monitoring</b> - no update</p> <p><b>Oly Oyster</b> -Neil will work with Chris on a plan for next year. He will connect with Cheryl/Gordon to visit Disco/Quil sites.</p> <p><b>Outreach/PT</b> - (Cheryl) - panel next week.</p> <p><b>No Anchor Zones</b> (Dale) 21 buoys. Tough weather resulted in loss of five: three small and two big buoys. Two were recovered. (About \$300 each). A diver has offered to inspect lines to try and determine why we lost the buoys. Subcommittee will put together equipment list and arrange for reinstallation. Andy suggested we may need to retain an engineer to help us determine best design/equipment.</p> <p><b>Rain Gardens</b> (Anna) - Committee met yesterday. Bob heard from City that they want to work on Chetzmoka site first. Installation will likely be at the end of May/early June in partnership with City. We will be looking for volunteers. Need more info before selecting second site. Also, signs will be going up at Courthouse raingarden.</p>	Cheryl to send email invite 2/14 @ 2:30 from Jamestown Sk'lallam re: tour to demonstrate processing of samples.	
Recent Meetings Report	<p><b>NWSC update</b> (Dale) Highlights were sent via email. Retreat at end of month. Welcome Rich Childers. Topics included EPA under new administration, net pens, friend-raisers, etc.</p> <p><b>Strait ERN meeting</b> - Neil and Kate attended. Clallam MRC's Sequim Bay Oly Oyster restoration ranked second for selecting a task paid for with regional LIO funding allocation, but another task was selected to receive that funding..</p> <p><b>Chumsortium</b> (Cheryl) - Topics included Point Wilson Lighthouse challenges and options, Killisut Harbor project update (extension of grant money looks likely) Jan. 2018 possible start date, NOSC shared draft interpretive signs for Maynard Beach project. MRC is helping fund the signage.</p>		
Public Comment	Jeff Gallant – There are still many people that are not aware of the potential impacts of climate change. CAC is not doing a lot of outreach. Need outreach especially to 20-35 year olds. Judy S. responded re: CAC status.		
MRC Roundtable/ Announcements	<p>Al - VIDA SB168 is a bad bill. It would do away with prohibitions of dumping ballast water in the Puget Sound. To be voted on in the next week or so. Invasive species concerns. Maria Cantwell opposed. Jay Inslee has already sent a letter. Al highly recommends reading the Kitsap Sun "watching our waterways" column reposted to Al's blog. Andy and Al provided tips for commenting.</p> <p>Jeff and Dale suggested Steve contact Snohomish MRC as they</p>		



	<p>have some experience with derelict vessels.</p> <p>Anna shared Jefferson Co. Health Dept draft newsletter.</p> <p>Dale asked Kate for input on MRCs upcoming report to the County.</p> <p>Cheryl shared copies of a mailing that went out to Hood Canal shoreline residents, Beach Naturalist Program brochure and posters announcing upcoming classes.</p> <p>Dale asked if members were getting email from NWSC - check your email spam if you didn't.</p> <p>Rich noted 3 job openings at WDFW in Port Townsend. Shellfish policy coordinator, vessel operator and Rich's position.</p> <p>Jeff is not able to attend the NWSC retreat 2/24 - let Cheryl know if you want to attend in his place.</p>		<p>Contact Cheryl if you want to attend NWSC retreat.</p>
ADJOURNMENT	Meeting was adjourned at 8:05 PM.		



# Jefferson County Marine Resources Committee

## Meeting Agenda Mar. 7, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

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

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

6:00 pm

Call to Order/Roll Call  
Guest Introductions  
Reporting monthly volunteer hours

6:05 pm

Amendments to/Approval of Agenda  
Approval of February Minutes

6:07 pm

Public Comment

#### **MRC Members:**

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fisker, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
Chris Eardley, Tribal Alt.  
\_\_\_\_\_, U.S. Navy, Indian Is.

6:15 pm

Peter Bahls & Jude Rubin, Guest Speakers  
Northwest Watershed Institute Programs & Update

7:10 pm

#### Administrative

MRC 2018 Project Planning (Exec Com.) 10 min  
Program Assistant update (Cheryl) 5 min  
BoCC report (Kate Dean) 5 min

7:30 pm

#### Current & Upcoming Projects

##### Project Status:

Forage Fish - field trip (5 min)  
Oly Oyster - Apr 22 workshop - (See email)  
Outreach -BoCC presentation, (5 min)  
No-anchor Zones - no report  
Rain Gardens - no update  
Derelict boats - no report  
Kelp Monitoring - no update

7:40 pm

#### Recent Meeting Reports

NWSC retreat report (Dale) 5 min  
Exec. Committee (Dale) 5 min.

7:50 pm

Public Comments

7:55 pm

MRC Member Roundtable/Announcements

8:00 pm

Adjourn

#### **Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

### Meetings, Events and Dates to Remember

March 6 - BOCC presentation, 1:30pm at County Courthouse

March 13 - - Exec Committee 10am, conference call

March 17 Strait ERN meeting, 10:00a -2:30 pm

March 20 - Green Crab Training

March 21 - Blue Coffee at PTMSC Marine Bldg, 10am

Apr. 22 - NWSC Olympia Oyster Restorat'n Workshop, Port Townsend

**Jefferson County Marine Resources Committee  
Port Commissioners Bldg.  
333 Benedict Street  
Port Townsend, WA  
March 7, 2017 Meeting Minutes**

**Present:**

Ashley Mackenzie, District 1, Co-Chair  
Wade Crouch, District 3, Co-Chair  
Shannon Davis, District 1 Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2, NWS Alt.  
Frank Handler, District 2 Alt.  
Sarah Fiskien, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Steve Tucker, *ex officio*, Port of Port Townsend  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, *ex officio*, BOCC  
Dale Moses, Recreation, NWS Representative  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal  
Chris Eardley, Tribal Alt

**Absent:**

Emily Bishop, District 1  
Anna Bachmann, Environment Alt.  
Sam Gibboney, Port of Port Townsend Alt.

**Guests:**

Lucas Hart, Anna Wilkie, Roy Clark, Betsy Carlson,  
Jude Rubin, Peter Bahls

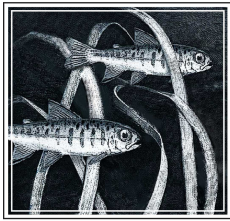
**Staff:**

Cheryl Lowe, Coordinator, Robert Simmons

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-Chair Wade Crouch called the meeting to order at 6:00 PM. There was a round of introductions as guests were present.	A quorum was present.	All members – please sign in and record volunteer hours by project.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Wade asked for amendments to the agenda.  Wade asked for amendments to/approval of the Minutes.	Neil Harrington moved to approve the agenda as is. Steve Tucker seconded. Motion passed unanimously.  Steve Tucker moved to approve the February minutes as is, seconded by Frank Handler. Motion passed unanimously.	
PUBLIC COMMENT	None		
BoCC report	<b>BoCC report</b> (Kate Dean) - She thanked MRC for presentation to BoCC yesterday. Especially good to see report on volunteer hours. She shared opportunities for MRC input to BoCC (geoduck farming, halibut season, etc.). She requested MRC future meeting agenda item: discussion of halibut season. In recent PSP meeting - discussed potential federal funding cuts for PS restoration. Members discussed concerns with funding cuts and Al suggested legislators that Kate should contact. Wade said it was a positive meeting with BoCC. Discussion ensued about advisory role of MRCs.		
GUEST SPEAKER	<b>Peter Bahls &amp; Jude Rubin, Northwest Watershed Institute Programs Update</b> Topic: Tarboo-Dabob Bay Conservation, Protection, Restoration. NWI is a non-profit formed in 2001. They focus on habitat watershed protection with a focus on Tarboo and a headwaters to bay approach. About 40 partners including the MRC. One of early projects MRC funded was a survey for juvenile salmon in Tarboo (2004) - survey found summer chum and juvenile Chinook. He shared maps of the approx. 7,000-acre watershed		

	<p>along with photos of culverts, fish passage projects, restoration of streams, bulkhead removal.</p> <p>Peter shared info on the resources of Dabob Bay, including Broad Spit, a 20-acre County park, shellfish hatcheries (two), eagles, forage fish, Oly oyster, one of the least developed estuaries in Hood Canal. In 2009 DNR significantly expanded their upland protected area boundaries. He explained that "protection" means no timber harvest/protected through deed restrictions. Trust land transfers must be approved by state legislature in the budget. They are currently considering Devil's lake and Dabob Bay as part of the current trust land transfer allocation. Individuals interested in supporting protection of these areas should call their representatives.</p> <p>Peter also shared slides of DNR/NWI restoration projects along the nearshore including removing a residence and bulkhead removal.</p> <p>Jude is a restoration ecologist and founding member of NWI. She manages education and community involvement. She emphasized the importance of cultivating a culture that cares. Thus, she works with children. NWI Plant-a-thons since 2006. Includes youth leadership opportunities via the Youth Environmental Stewards (YES) program. YES is privately funded, publicly accredited. Accredited in 3 of 4 high schools in Jefferson County (90 hours=0.5 credits). Students design and work on internship projects with NWI and other partners: For example, PTMSC (Betsy) is a partner - working with 4 YES kids on removing and cataloging marine debris. Anna (student) working with NOSC on native plants and curriculum for sixth graders. Jude is seeking funding to continue YES.</p> <p>Q&amp;A. Navy has been a great funding partner for land protection efforts - matching DNR funds.</p> <p>(6:50 Neil and Kate left the meeting)</p>		
ADMINISTRATIVE	<p><b>MRC 2018 Project Planning (with Exec. Committee updates)</b> - Cheryl referred to a handout that summarized projects discussed at last month's meeting. Exec. Committee helped refine this list. Draft budget 2017-18 assumes continuation of existing projects. Cheryl may make adjustments between now and end of May when submittal is due to NWSC. Potential projects to explore for future include derelict boats and pinto abalone, and, depending how 2017 goes, a Program Assistant for 2018.</p> <p>This assumes that federal funding is not cut. Our funding is via NOAA and EPA, which are both proposed for cuts. Our funding is in place thru Sept. 2017.</p> <p>Shannon suggested ranking the projects so we are more prepared if funding is reduced. She noted that NWSF is also tied to federal funds for projects.</p> <p><b>Program Assistant Update</b> (Cheryl)- NWSF funded a part-time position (temp) for 2017 - Four candidates were interviewed. Narrowed to two, Cheryl is doing reference checks.</p>		
Current and Upcoming Projects	<p><b>Project Status Reports:</b></p> <p><b>Forage fish</b>- field trip to Jamestown S'Kallam tribe went very well. Jeff: Aldema Beach forage fish survey - they collected samples and did not find any eggs, however, a sample was sent to DFW and they did find sand lance eggs. They are looking at getting better equipment for future egg sample work.</p> <p><b>Oly Oyster</b> (Chris) Friday <b>April 21</b> workshop (note date on agenda is incorrect). Focus is on development of a workshop to get all MRCs on same page for monitoring, evaluation of success, site selection, etc. The idea for the workshop was borne out of the annual MRC conference. Chris, Neil, and others will do site visits in preparation of the workshop. Dispersal of the bags of seeded cultch at Quilcene Bay was also discussed.</p> <p><b>Outreach</b> -BoCC presentation. Dale: BoCC asked what more County could do to support MRC- he suggested that we ask for support on projects (e.g., the City's contribution of backhoe for raingarden construction). Steve suggested providing input on the length of the halibut fishing season. Due to safety and economic reasons, other local jurisdictions have passed resolutions urging state to change the fishing season. Cheryl asked members to send information her way and help frame what the MRC discussion would be. Shannon - San Juan is facilitating public discussions. Judy S. suggested comments could be similar to "scoping" comments rather than specific quantities/dates, which are science based by fisheries experts. Steve and Sarah and Troy agreed to help Cheryl. And Cheryl will look on timeline for commenting - may be too late for this year.</p> <p><b>Derelict boats</b> - Steve spoke with Mark Florenza of SJ Island MRC on their efforts- Their derelict boat project used to be</p>	<p>If you have information on halibut season to help frame the MRC discussion- forward it to Cheryl</p> <p>Steve and Sarah and Troy agreed to help Cheryl.</p> <p>Cheryl will look on timeline for commenting - may be too late?</p>	

	<p>funded by DNR. It required taking pictures all the time - fuel for monitoring boats became a cost issue (\$10k/year) but program was successful. Steve is thinking about use of USCG auxiliary. He also spoke with Snohomish MRC contact - they are also in the initial stages of developing a project.</p> <p>(There was no update for No-Anchor Zones, Rain Gardens, Kelp Monitoring)</p>		
Recent Meetings Report	<p><b>NWSC retreat reports</b> - Dale sent summaries of retreat by email. Good facilitated retreat.</p> <p><b>Exec. Committee</b> - Dale – EC met 2 weeks ago. He recapped the duties of the Program Assistant for 2017.</p>		
Public Comment	<p>Betsy announced tomorrow night 6:30 North Beach Low Tide walk. Bring your flashlights! PTMSC Auction this Saturday night. UW Marine Debris Training starts on April 8.</p>		
MRC Roundtable/ Announcements	<p>Lucas will circulate info re: April 15, Saturday Kelp Workshop.</p> <p>Al - Major spill of diesel fuel on N. end of Vancouver Island. See his blog.</p> <p>Cheryl - March 21 Blue Coffee at PTMSC - an informal gathering of those interested in marine conservation.</p> <p>Andy - Good news article on recovery of yellow-eye, lingcod.</p> <p>Chris added rockfish.</p> <p>Dale - all three buoys that were lost have been found.</p> <p>Bob - Beach Naturalist Course almost full. Thursdays 9-4</p> <p>QUU next Friday 6:30 showing of "Reaching Blue"</p>		
ADJOURNMENT	Meeting was adjourned at 8:03 PM.		



# Jefferson County Marine Resources Committee

## Meeting Agenda April 4, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

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

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

6:00 pm

Call to Order/Roll Call  
Guest Introductions  
Reporting monthly volunteer hours

6:05 pm

Amendments to/Approval of Agenda  
Amendments to/Approval of March Minutes

6:07 pm

Public Comment

#### **MRC Members:**

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fiskens, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
Chris Eardley, Tribal Alt.  
\_\_\_\_\_, U.S. Navy, Indian Is.

6:10 pm

Bob Sizemore, WDFW--Pinto Abalone Update

7:10 pm

Administrative  
MRC **2018** Project Planning Update 15 min  
Program Assistant update (Cheryl) 2 min

7:30 pm

Current & Upcoming Projects  
BoCC report (Kate Dean) 5 min  
Project Status:

Forage Fish - no report  
Oly Oyster - Apr 21 workshop  
Outreach (Cheryl) - 2 min  
No-anchor Zones - no report  
Rain Gardens (Bob) - 5 min  
Kelp Monitoring -no report  
Derelict boats - no report

7:40 pm

Recent Meeting Reports  
NWSC March Web-Ex (Dale) 5 min  
Strait ERN March 17 (Cheryl) 2 min

7:50 pm

Public Comments

7:55 pm

MRC Member Roundtable/Announcements

8:00 pm

Adjourn

#### **Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

### Meetings, Events and Dates to Remember

Apr 13 - Chumsortium, 9 am at WDFW

Apr 15 - NWSC Bull Kelp Monitoring Eval. -RSVP required

April 18 - Blue Coffee at WDFW office, 10am

April 18 - MRC Executive Committee mtg, 4 pm, WSU Ext.

Apr. 21 - NWSC Olympia Oyster Restoration Workshop, PT

April 28 NWSC meeting at Padilla Bay

May 2 MRC monthly meeting

**Jefferson County Marine Resources Committee**  
**Port Commissioners Bldg.**  
**333 Benedict Street**  
**Port Townsend, WA**  
**April 4, 2017 Meeting Minutes**

**Present:**

Emily Bishop, District 1  
Wade Crouch, District 3, Co-Chair  
Shannon Davis, District 1 Alt.  
Jeff Taylor, District 2, NWS Alt.  
Frank Handler, District 2 Alt.  
Sarah Fiskén, District 3  
Al Bergstein, Environment  
Anna Bachmann, Environment Alt.  
Steve Tucker, *ex officio*, Port of Port Townsend  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal

**Absent:**

Andrew Palmer, District 2  
Jackie Gardner, District 3 Alt.  
Ashley Mackenzie, District 1, Co-Chair  
Sam Gibboney, Port of Port Townsend Alt.  
Gordon King, Commercial Interest  
Kate Dean, *ex officio*, BOCC  
Dale Moses, Recreation, NWS Representative  
Chris Eardley, Tribal Alt

**Guests:**

Lucas Hart, Betsy Carlson, Duane Stapel, Lee  
Merrill, Nan Evans, Wendy Feltham, Roy Clark, Ali  
Redman, John Redman, John Conley, Luzi  
Pfenninger, Amy Johnson, Katherine Jensen, Karen  
Childers, Rich Childers, Tony Buener, Matthew  
Stephens, Ruth Blyther, Mara Dotson

**Staff:**

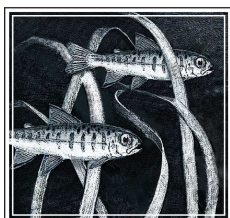
Cheryl Lowe, Coordinator  
Robert Simmons, WSU faculty

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-Chair Wade Crouch called the meeting to order at 6:06 PM. There was a round of introductions as guests were present.	A quorum was present.	All members – please sign in and record volunteer hours by project.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Wade asked for amendments to the agenda. Kelp was added under project status.  Wade asked for amendments to/approval of the Minutes.	Neil Harrington moved to approve the agenda as amended. Shannon Davis seconded. Motion passed unanimously.  Al Bergstein moved to approve the March minutes as is, seconded by Jeff Taylor. Motion passed unanimously.	
PUBLIC COMMENT	None		
GUEST SPEAKER	<b>Bob Sizemore, WDFW, Status of Pinto Abalone in WA State</b> - Bob has worked for WDFW for 23 years; he's been a diver for 40 years. Recently, he was promoted to PS Shellfish Manager. His presentation focused on Pinto Abalone - Historic overview; population status and trends; supplementation and recovery.  Bob gave a brief overview of range, habitat, and feeding habits. The pinto abalone has cultural value to native populations and is valued for harvest. The species is vulnerable to exploitation.  Rise of Pinto Abalone Fishery – In 1979 WDFW started to survey. Species was abundant in 70's and early 80's. Estimated 35,000 harvested yearly. Early 90's sushi sea charters added another pressure. 1990's BC began to regulate commercial fishery and eventually closed recreational fishery. In 1996 Alaska closed its commercial fishery. Recently, the species was considered for listing under the Endangered Species Act.		

	<p>Bob described methods, timing, and frequency of stock monitoring. He shared a chart of changes in abundance; from .15 density per square meter in 1982 to nearing zero today (despite the close of the recreational fishery in 1994). Reproductive density - they are broadcast spawners. If less than .15 abalone per meter, research shows risk of collapse. We've been way below that for the last 20 years, with a gap in monitoring surveys due to budget cuts). Canada has seen similar decline.</p> <p>Bob shared results of size structure surveys (1979 to 2013). Based on these results, the animals counted year to year are the same animals as they mature. Few recruits indicate an unhealthy population.</p> <p>WDFW also looked at abalone abundance in surveys of Red Sea Urchin Index Stations - these show similar trends. (Q&amp;A: There is no clear evidence that the two species compete).</p> <p>Survey Conclusions: trend of declining abundance. Five of ten stations have no sightings of abalone. Not seeing juveniles for last 20 years. Population aging to extinction. Working hypotheses of decline is due to over-harvest.</p> <p>Recovery methods:</p> <ol style="list-style-type: none"> <li>1) Translocation- not very successful</li> <li>2) Supplementation: Remote propagation facilities to supplement native stocks - that's the focus now. Following national guidelines for repopulating native stocks.</li> </ol> <p>2002 captive breed stock program began with NOAA support. 2014 recovery plan. Other partners include SeaDoc, PSRF, WWU, UW etc. Breed stock is reared at the Mukilteo research station (they may relocate to NOAA's Manchester facility). Bob described the transplanting methods - Juvenile outplants are tagged and separated by family. Loaded in tubes with predator screens for transplanting. Two new outplant sites this year for a total of eleven active sites in the San Juans. This year 5,000 animals transplanted. Mortality rate about 80% in first year. Better after first year. They are seeing outplant sites reaching density of .40. They are being mindful to keep genetic diversity. They also do larval outplants which have a similarly high mortality rate.</p> <p>Challenges: hatchery limitations (not raising enough); genetics; optimizing outplant efforts; protecting from illegal harvest; allocating survey effort.</p> <p>Q&amp;A: Bob responded to questions regarding education and outreach efforts; spawning density; spatial locations of outplant sites and index sites. PTMSC has been involved with feeding trials, increasing capacity of hatchery, and use of volunteers.</p> <p>What can MRCs do to help? Outreach to dive community and community at large so they do not harvest abalone. WDFW has materials. Base line surveys are needed. Bob also noted a lack of information about the abalone's preferred habitat. It was suggested that divers could be asked to help inventory abalone populations.</p> <p>Betsy Carlson noted the PTMSC is seeking ALEA funding to raise abalone.</p>		
ADMINISTRATIVE	<p><b>MRC 2018 Project Planning -</b></p> <p>Members conducted a dot vote to determine, if our funding is cut, which projects are our highest priority? Cheryl summarized the six options: Outreach, No Anchor zones, Olympia Oyster, Rain gardens, forage fish, kelp. We plan to submit the complete list, but if funding is cut, this helps figure out what to cut.</p> <p><b>Program Assistant Update (Cheryl)-</b> The group welcomed Tim Weissman, new Program Assistant. Tim is from Ohio. He did an internship with PTMSC over the summer and is currently working part-time with Jefferson DOH.</p> <p>Cheryl noted we are still awaiting County approval of the contract with NWSF for Tim. She recapped his 3 primary tasks - expanding digging for dinner, working with students on the rain gardens and crabber outreach.</p>		
Current and Upcoming Projects	<p><b>BoCC report</b> – none, as Kate was unable to attend.</p> <p><b>Project Status Reports:</b></p> <ol style="list-style-type: none"> <li>1) Olympia Oyster – (Cheryl) Friday 4/21 training open to all. Be sure to sign up. Neil recapped recent field visit to lagoon</li> </ol>		



	<p>restoration site in Discovery Bay. Good news, a tremendous amount of Olympia Oyster setting there. He suggests more cultch in that area.</p> <p>2) Outreach - (Cheryl) - In addition to Oly Oyster training, forage fish training workshop next Monday 4/10.</p> <p>3). Raingardens (Bob) Awaiting City permit to erect signs. Today, he met with City staff at Chetzemoka site to look at location for rain garden there. OPEPO students to help with planting. Bob estimated about 80% survival of plantings in the two recently installed rain gardens.</p> <p>4) Kelp - Judy D'Amore and Jeff to attend a workshop on protocols. Jeff seeks clarification on how the data will be used and who will collect it. Emily clarified, originally the NWSC was going to gather the data and begin monitoring some local beds. Anecdotal information indicates that kelp beds are declining – thus an interest to collect data and monitor. Nam sees value as a citizen science effort - data will be useful in time. Establishing the protocols is also valuable.</p>		
Recent Meetings Report	<p><b>NWSC March Web-Ex (Dale)</b> - See Dale's summary emailed previously.</p> <p><b>Strait ERN March 17 (Cheryl)</b> - Cheryl attended March 17 meeting. No new info on WSP armoring at Fort Worden. Cindy Jayne presented "dashboard tracking" of voluntary efforts to implement measures recommended in the NOPRC&amp;D Climate Adaptation Plan. Re: future of PSP funding, there was much speculation. Neil added that the President's skinny budget essentially zeros out PSP and Sea Grant. Sarah noted that the second half of 2017 budget also needs Congressional approval.</p> <p>Cheryl has arranged a meeting with Patty Charnas, Jefferson County DCD Director, for April 14. Shannon and Sarah will join her.</p>		
Public Comment	Betsy PTMSC announced 4/8 Marine Debris Training 10 AM.		
MRC Roundtable/Announcements	<p>4/12 7pm Hirst Decision on water rights at Chimacum Grange.</p> <p>Derelict vessel in Willapa Bay still leaking fuel. See news on ECY oil spill website.</p> <p>4/11 QUU Next Thursday 4-5:30 Anna Bachmann to present Rivers of Eden: Protecting Water in Iraq.</p> <p>4/24 Squamish "With a Water View: Shore-friendly beach and bluff properties" 7.5-hour course for real estate brokers.</p> <p>Point Hudson Breakwater jetty - Nam reiterated interest in relocating species on the jetty. He recently spoke with Scuba Alliance group who are experienced with permitting and relocation. They dove the site; next step is for the Scuba Alliance to present to Port Commissioners at their meeting May 10 at 9:30 am. Many ideas were shared for future partnerships and presentations.</p>		
ADJOURNMENT	Meeting was adjourned at 8:10 PM.		



## Jefferson County Marine Resources Committee

## Meeting Agenda May 2, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

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

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

6:00 pm

Call to Order/Roll Call  
Guest Introductions  
Reporting monthly volunteer hours

6:05 pm

Amendments to/Approval of Agenda  
Amendments to/Approval of April Minutes

6:07 pm

Public Comment

#### **MRC Members:**

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fiskens, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
Chris Eardley, Tribal Alt.  
\_\_\_\_\_, U.S. Navy, Indian Is.

6:10 pm

#### Administrative

Background/Discussion: 2018 halibut season (20 min)  
MRC Use of Google Groups Discussion (15 min)  
How to plan/schedule discussion of relevant topics (10 min)  
BoCC report (Kate Dean) 5 min

7:00 pm

#### Current & Upcoming Projects - MID-YEAR Status Reports

NWSC Projects (6 min each):

Forage Fish (Jeff/Cheryl)  
Oly Oyster (Chris/Neil)  
Outreach (Cheryl/Tim)  
No-anchor Zones (?)  
Rain Gardens (Anna/Bob)  
Kelp Monitoring (Judy/Jeff)

7:40 pm

#### Recent Meeting Reports

NWSC April (Jeff/Cheryl) 5 min  
Jefferson County Planning Dept (Sarah/Shannon) 5 min

7:50 pm

Public Comments

7:55 pm

MRC Member Roundtable/Announcements

8:05 pm

Adjourn

### Meetings, Events and Dates to Remember

May 13 – Digging for Dinner, Quilcene. RSVP required. See MRC website

May 21 – Assoc. of Bainbridge Communities Annual Conference (impacts of commercial aquaculture)

May 23 – MRC Exec. Com, 10am conference call

May 26 - NWSC Web-Ex

June 1 – Chumsortium at WDFW office

June 6 - MRC monthly meeting

June 9 - Digging for Dinner, Dosewallips. RSVP required. See MRC website

June 21 – 22 - Ft Townsend Shoreline Monitoring w/ WDFW team

#### **Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

**Jefferson County Marine Resources Committee**  
**Port Commissioners Bldg.**  
**333 Benedict Street**  
**Port Townsend, WA**  
**May 2, 2017 Meeting Minutes**

**Present:**

Emily Bishop, District 1  
Wade Crouch, District 3, Co-Chair  
Jeff Taylor, District 2, NWS Alt.  
Frank Handler, District 2 Alt.  
Andrew Palmer, District 2  
Jackie Gardner, District 3 Alt.  
Sarah Fiskén, District 3  
Gordon King, Commercial Interest  
Al Bergstein, Environment  
Steve Tucker, *ex officio*, Port of Port Townsend  
Judy D'Amore, Marine Science Alt.  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal

**Guests:**

Betsy Carlson, Ron Hayes, Dave Croonquist, Roy Clark

**Absent:**

Ashley Mackenzie, District 1, Co-Chair  
Shannon Davis, District 1 Alt.  
Anna Bachmann, Environment Alt.  
Sam Gibboney, Port of Port Townsend Alt.  
Nam Siu, Marine Science  
Kate Dean, *ex officio*, BOCC  
Dale Moses, Recreation, NWS Representative  
Chris Eardley, Tribal Alt

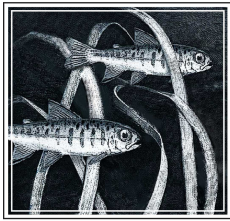
**Staff:**

Cheryl Lowe, Robert Simmons, Tim Weissman

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-Chair Wade Crouch called the meeting to order at 6:01 PM. There was a round of introductions as guests were present. Guest Introductions: Betsy Carlson (PTMSC) passed around "Seafood watch cards".	A quorum was present.	All members – please sign in and record volunteer hours by project.
AMENDMENTS TO/APPROVAL OF AGENDA . APPROVAL OF MINUTES	Wade asked for amendments to the agenda. Kate Dean is in DC so there will be no BoCC report. Cheryl referred members to recent emails re: green crabs.  Wade asked for amendments to/approval of the Minutes.	Neil Harrington moved to approve the agenda as amended. Jeff Taylor seconded. Motion passed unanimously.  Steve Tucker moved to approve the April minutes as is, seconded by Neil Harrington. Motion passed unanimously.	
PUBLIC COMMENT	Betsy Carlson announced that DNR creosote removal has been funded for the next few years. PTMSC Protection Island cruises are starting up. They'll be counting eagles.		
ADMINISTRA- TIVE	<b>Background Discussion: 2018 Halibut Season</b> Cheryl noted that Commissioner Dean has asked MRC to provide input on the issue. She introduced Dave Croonquist from the Olympic Peninsula Salmon & Halibut Coalition who came to provide an overview. Dave referred members to information emailed previously.  He said: Halibut seasons are driven by the International Pacific Halibut Commission (IPHC) and the Pacific Fisheries Management Council (PFMC) with the 2A Catch Share Plan (CSP) for WA, OR, and N. CA. There have been on-going discussions with WDFW staff for a number of years about the need to look at re-structuring the recreational halibut fishery in Washington waters. The Puget Sound halibut fishery has gone from 70+ plus day seasons prior to 2008 down to a 3-day season this year with a 64,000 lbs quota for Puget Sound. The reduced season raises safety concerns and impacts local economies. They (North Olympic Salmon and Halibut Commission) recommend:  1) Reallocating the recreational share of the sable fish fleet incidental take; 2) Set an annual limit of six for recreational halibut with no pound limit or set dates. They have been getting communities to sign local resolutions – and passing them along to the State. He suggested MRC provide	Motion: Judy Surber moved "Compose a letter to the Jefferson BOCC expressing concern on impact to economy - request information on rationale for state limitations and rationale for opposing Commission's request."	Cheryl to craft a letter per the motion.

	<p>input to the state for the PFMC process. Timing: They are trying to influence the 2018 season. May 11 is first deadline for comments for the PFMC meeting in June followed by May 25 for supplemental comments to be given to the Commission. During Q&amp;A, MRC members asked a variety of questions re: proposed size limits (none proposed); data on the health of the industry; monitoring, etc. Several members agreed that we would like to hear the State's perspective and obtain more data.</p> <p><b>MRC Use of Google Groups-</b> Cheryl referred to her previous email. There has been some concern about the use of Google Groups for on-line conversations, and she reminded the group of open public records requirements. Other MRCs do not use Google-Groups. She suggests: G-Groups be used to share announcements and articles but not to allow comment. Gordon would prefer not to post if people cannot comment because some articles are not sound science. Options were discussed.</p> <p>Group consensus was to drop Google Groups and switch to group email for Administrative items. Bob will explore new forums that provide an opportunity to share educational articles and includes an option for a discussion platform (e.g something offered by WSU Extension and open to any marine practitioners in County who want to participate (or even outside the County).</p> <p>Cheryl asked for <b>input on how to plan/schedule</b> discussion of relevant topics. Al responded, since there is no imminent decision pending on net pens, he is not in favor of having it on an MRC Agenda. There are other forums and websites available. He suggested Green Crab as future topic. Neil offered to give that presentation. Neil asked for Olympia Oyster update and discussion to also be on a future agenda. Members can suggest future agenda items to Cheryl.</p> <p>Cheryl passed around Save the Date postcard for next MRC Annual Conference.</p>	<p>Andy Palmer seconded and offered a friendly amendment – "there is concern that the state does not have a clear handle on the recreational fishery" which was accepted. Amended Motion Passed with Sarah and Neil abstaining.</p>	<p>Cheryl to discontinue MRC Google Groups.</p> <p>Bob to explore new forum for sharing articles &amp; discussion platform (e.g. County marine practitioners/WSU).</p> <p>Future agenda: Invasive Green Crab</p> <p>Members can suggest future agenda items to Cheryl.</p>
Current and Upcoming Projects	<p><b>Project Status Reports:</b></p> <p><b>1). Forage Fish</b> (Jeff and Cheryl) Adelma Beach group has been sampling since late fall. Continuing to look for surf smelt and sand lance eggs through the summer. Samples are assessed by volunteer Amy Does and then sent to WDFW lab for quality control. Lab has asked to see all samples. For the Fort Townsend SP monitoring, volunteers sample in the fall and winter only. Based on one full year of sampling there, Point No Point Treaty Council lab says no reason to continue summer sampling since no activity found.</p> <p><b>2) Oly Oyster</b> - On Sunday, Neil, Gordon, and Chris went to Quilcene to check out last year's test plots in preparation for monitoring this spring. There are definitely Oly Oysters that survived from last year. Based on a casual inspection, mortality rate is about 40-70%, some due to drills. They plan to add more seeded cultch to this same spot later in May 2017. Habitat looked good to Neil.</p> <p>Cheryl added: In Quil last year MRC put out 10 bags seeded cultch (wild) in the test plots, plus had 50 bags overwintering at the Taylor Shellfish hatchery. Reconnaissance was to see if we should put out more bags at Quil site. Consensus was to do a second year of seeded cultch.</p> <p>In Disco Bay, there was reconnaissance of original Oly population near the Maynard Beach lagoons. Team had the idea is to add more clean cultch next to existing native population. We need to determine if that is allowed and if permits are required (DNR or WDFW land). Group discussion ensued. Gordon offered to provide more clean cultch for Disco Bay if it wanted.</p> <p><b>3) Outreach</b> (Cheryl/Tim) - Focus on Digging for Dinner May 13 Quilcene and June 9th in Dosewallips. 30 have already registered for Quilcene. Limit 50 participants. Free event. Looking for volunteers for distributing posters and for helping at both events.</p> <p><b>4) No Anchor Zones</b> – Team's goal is to install buoys by Memorial Day.</p> <p><b>5) Rain Gardens</b> (Bob) - Waiting on City for Sign permit and for</p>		

	<p>Parks Director to get Council approval on design for Chetzamoka. In late May, he and Tim will work with students on plantings. June installation is planned. Wooden Boat School has not decided if they want a rain garden. He asked that the School decide by May 15 to allow us time to make another selection if needed.</p> <p><b>6) Kelp Monitoring</b> (Judy D./Jeff) - Attended NWSC workshop to discuss future for kelp monitoring in NW Straits. Goal is to determine if we are seeing changes/disease and collaborate with researchers on stressors, etc. Discussed temperature, nutrients, citizen science, photography/satellite imagery, collaboration with PT Marine Science Center, etc. For Jefferson MRC - North Beach is being monitored by DNR. Thinking about reconnaissance in July to identify other sites. Lucas organizing a kelp conference call. More kayakers needed.</p>		
Recent Meetings Report	<p><b>NWSC April</b> (Cheryl/Jeff) - Cheryl will email minutes. Each MRC presented on new projects. Highlights - Island Country eelgrass monitoring methods now testing use of sonar. Jeff added Snohomish MRC outreach with student photography which may link with our King Tides efforts. San Juan MRC presentation was on oil spill trainings with emergency prep.</p> <p><b>Jefferson County Planning Department</b> (Sarah) - Cheryl, Bob, Sarah met April 15 with Planning Department. 90% of their permitting is for residential permits. Armoring is typically for repairs vs. new. They got a grant to do no net loss workshops for realtors and contractors, which were successful. They need more staff for enforcement. Discussed Square One and desire to refresh it. MRC offered to provide resources for the displays. In the next year, they'll be laying out schedule for SMP Update. CAO update is underway but they did not talk about it.</p>		
Public Comment	Any word on EPA funding? Nothing new. Contingent of Puget Sound folks in DC this week. Neil reported a 1% cut for the rest of this fiscal year.		
MRC Roundtable/Announcements	<p>Steve suggested adding time for Derelict boats/gear report for next agenda.</p> <p>Port meeting next Wednesday 1:00 -Artificial reef discussion by Scuba Alliance on how they can co-permit an artificial reef next to the Point Hudson jetty.</p>		Future agenda item: Derelict boats/gear
ADJOURNMENT	Meeting was adjourned at 8:04 PM		



## Jefferson County Marine Resources Committee

## Meeting Agenda June 6, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

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

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

#### **MRC Members:**

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fiskens, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
Chris Eardley, Tribal Alt.  
\_\_\_\_\_, U.S. Navy, Indian Is.

#### **Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

6:00 pm	Call to Order/Roll Call Guest Introductions Reporting monthly volunteer hours
6:05 pm	Amendments to/Approval of Agenda Amendments to/Approval of May Minutes
6:07 pm	Public Comment
6:10 pm	<b>Update on Green Crab Monitoring</b> – Neil Harrington
6:35 pm	<u>Administrative</u> Joint MRC meeting - July 11. Topics ideas? (10 min) BoCC report (Kate Dean) 5 min
6:50 pm	<u>Current &amp; Upcoming Projects</u> (5 min each) NWSC Projects: Forage Fish (Jeff) Oly Oyster Quilcene (Chris/Neil) Outreach-WBF & Dig4Dinner (Cheryl/Tim) No-anchor Zones (Dale) Rain Gardens (Anna/Bob) Kelp Monitoring (Judy/Jeff) Derelict Boats (Steve) NWSF Projects: Crabber Outreach (Tim) Shoreline Landowner Outreach (Cheryl)
7:30 pm	<u>Recent Meeting Reports</u> NWSC May (Dale/Jeff) 5 min Strait ERN (Cheryl/Neil) 3 min Bainbridge Commun. Conf. (Anna/Frank/Al/Gordon) 10 min Chumsortium (Cheryl) 2 min
7:50 pm	Public Comments
7:55 pm	MRC Member Roundtable/Announcements
8:05 pm	Adjourn

### Meetings, Events and Dates to Remember

June 9 – Digging for Dinner, Dosewallips. See MRC website

June 19 – MRC Exec Comm., 4:30 pm, Hadlock Library

June 21 – 22 - Ft Townsend Shoreline Monitoring w/ WDFW team

June 30 - NWSC meeting at Snohomish/Everett

July 11 – Joint MRC meeting

**Jefferson County Marine Resources Committee**  
**Port Commissioners Bldg.**  
**333 Benedict Street**  
**Port Townsend, WA**  
**June 6, 2017 Meeting Minutes**

**Present:**

Ashley Mackenzie, District 1, Co-Chair  
Emily Bishop, District 1  
Wade Crouch, District 3, Co-Chair  
Jeff Taylor, District 2, NWS Alt.  
Jackie Gardner, District 3 Alt.  
Gordon King, Commercial Interest  
Al Bergstein, Environment  
Steve Tucker, *ex officio*, Port of Port Townsend  
Judy D'Amore, Marine Science Alt.  
Kate Dean, *ex officio*, BOCC  
Dale Moses, Recreation, NWS Representative  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal

**Absent:**

Shannon Davis, District 1 Alt.  
Andrew Palmer, District 2  
Frank Handler, District 2 Alt.  
Sarah Fiskens, District 3  
Anna Bachmann, Environment Alt.  
Sam Gibboney, Port of Port Townsend Alt.  
Troy McKelvey, Recreation Alt.  
Nam Siu, Marine Science  
Chris Eardley, Tribal Alt

**Guests:**

Betsy Carlson, Roy Clark, Rich Childers,

**Staff:**

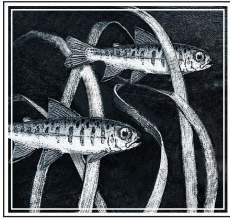
Cheryl Lowe, Coordinator; Robert Simmons, WSU Faculty;  
Tim Weissman, Program Assistant

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-Chair Wade Crouch called the meeting to order at 6:01 PM. Members gathered for a quick group photograph. There was a round of introductions as guests were present.	A quorum was present.	All members – sign in and record volunteer hours by project.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Wade asked for amendments to the agenda. Cheryl asked to add one "Port" item under Administrative.  Wade asked for amendments to/approval of the May Minutes. Neil noted a typographical error "obtain" should be "abstain".	Steve Tucker moved to approve the agenda as amended. Someone seconded. Motion passed unanimously.  Steve Tucker moved to approve the minutes as amended. Neil Harrington. Motion passed unanimously.	Cheryl will correct the typo and finalize the May minutes.
PUBLIC COMMENT	Betsy Carlson announced that PTMSC got funding from ALEA for refreshing exhibits and an Abalone/Oly Oyster display.		
UPDATE ON GREEN CRAB MONITORING	<b>Update on Green Crab Monitoring</b> (Neil) - European green crabs are a species of shore crab about 4 inches in size. Generalized feeders. Highly adaptable. Native to Europe. Spreading across E. Coast for about 100 years - likely in ballast water. Larvae can float a long way. Displaces native species. Hit aquaculture industry hard on E. Coast. They will eat eelgrass. Neil thinks of them as "ecological change agents". In 1989, they appeared on W. coast (San Francisco) likely introduced along with lobster packing material. In El Niño years, larvae travel up the coast on the current. Until a few years ago, had not been seen inside the Straits but now established in Sooke Harbor and Barclays Harbor BC. Based on currents, there is concern that larvae from Sooke will end up in Puget Sound – a few found in Westcott Bay and Padilla Bay. WA Sea Grant has a surveillance program.  Recent monitoring at Graveyard Spit (Dungeness National Wildlife Refuge) found seven crabs initially. Invasive species team began trapping. Total 68 caught so far. Hopeful, they've knocked the population back so they won't get established there. Difficult to eradicate once established.  Jamestown S'Klallam is working with WDFW and WA Sea Grant to conduct reconnaissance sampling of potential habitat sites in other areas (including Jimmy-Come-Lately Creek, Discovery Bay,		

	<p>PA Bay, Dungeness Bay, Sequim Bay, Washington Harbor, etc.)</p> <p>For identification characteristics, Neil recommends going to the WA Sea Grant Green Crab Monitoring webpage.</p> <p>Q&amp;A:  What should MRC do? WA Sea grant currently maxed out on volunteers. Some other MRCs have sponsored teams. Rich Childers noted recent NWSC provided a letter of support to a UW student who was applying for funding of green crab sampling. If funded, he anticipates MRCs will be involved. Cheryl noted MRC has cosponsored trainings in past.  What's being done about the population in Sooke? Neil: Does not appear that they are doing anything. Trapping in Barclay was not effective. WA Fish and Wildlife has written a letter to Canada government expressing concern about the Sooke population.</p>		
ADMINISTRATIVE	<p><b>Port of PT Point Hudson Study</b> – (Cheryl) The Port has retained a consultant to conduct stakeholder interviews about development strategy for Point Hudson (upland areas). Focus groups are scheduled for near future. Is anyone interested in participating? Dale and Bob volunteered. Judy is likely to attend on behalf of city. (Wed 14th pm or TH 15th between 8 and 3pm.)</p> <p><b>Joint MRC meeting:</b> (Cheryl) Jefferson MRC will have a joint meeting/potluck with Clallam and Island MRCs on July 11 at the Point Hudson's Marina Room. This is In lieu of our regular July 4 meeting. Cheryl shared list of potential topics and asked MRC to weigh in on top three preferences. Rich offered to present 5 minutes on the future of NWSC funding. There was support for outreach; derelict vessels; time to share what each MRC is working on.</p> <p><b>BoCC report:</b> Kate Dean thanked the group for providing input on the halibut season. BoCC was briefed and they plan on digging further into the issue. Kate recently traveled to Washington DC (with several others from the area including Rich Childers and tribal reps) to meet with 11 members of Congress on programs serving Puget Sound. Key take-a-ways included: our message needs to be broad and bi-partisan; tie it to jobs; keep up the good work; infrastructure funding may be more available (e.g., stormwater infrastructure); a resolution for continuing EPA was signed; expect a battle for 2018 budget. Rich added that there was great amount of uncertainty. They shared info on link between jobs and Puget Sound. Health of PS critical to economy.  PSP put together one pager on stats which Kate will share with Cheryl. Patty Murray told them that NWSI is part of her legacy. Kate noted:</p> <ul style="list-style-type: none"> <li>County's first draft of CAO Ordinance is with the Planning Commission.</li> <li>HCCC is prioritizing their strategies; there is potential for shellfish funding.</li> <li>Strait ERN near-term actions are mechanism by which PSP determines funding so now is a good time to think about MRC projects. Funding beyond this year is in question.</li> </ul>		<p>Dale and Bob to attend Port meetings on Point Hudson.</p> <p>All – don't forget your potluck dish!</p> <p>Kate to send PSP one pager on stats to Cheryl; Cheryl to distribute.</p>
Current and Upcoming Projects	<p><b>NWSC Projects</b></p> <p><b>1) Forage Fish</b> (Jeff and Cheryl) Jeff reported sampling in Discovery Bay has continued. They found nothing but that is to be expected in summer.</p> <p><b>2) Oly Oyster</b> (Neil) - Team spent two days sampling test plots in Quilcene Bay and placing about 80 new bags of overwintered seeded cultch on the test plots (after collecting data on numbers and size of Olympias on the cultch). Very successful.</p> <p><b>3) Outreach</b>  <b>WBF</b> (Cheryl) WSU extension will be moving from Cupola House to Port Hadlock in mid-July. Thus, MRC will need to pay \$350 fee to have a tent at the WBF. She'll ask if WA SeaGrant would like to split a tent again. Members discussed ideas for message including a broader message of why is the health of the PS important (ecosystems, jobs etc.).  <b>Dig4Dinner</b> (Tim) - 49 people participated. Fun! Next one is this Friday June 9<sup>th</sup>. Oysters and clams at Dosewallips State Park - 56 people signed up. WDFW posted on their webpage and social media.</p> <p><b>4) No Anchor Zones</b> (Dale) - 8 lost winter floats (not visible—</p>	<p>Gordon King moved to support \$350 for a tent at WBF. Seconded by Ashley Mackenzie. Passed unanimously.</p>	



	<p>may be trapped underwater or gone). However, this Saturday Gordon and Emily will do a reconnaissance dive to see what's been happening underwater and what needs to be done.</p> <p><b>5) Rain Gardens</b> (Bob) Last Wednesday subcommittee met. School of Wooden Boats declined to host a RG on their site until they complete their overall site plans. Doing reconnaissance to select another site outside of City of PT. Bob continues to work with City Parks Department on the Chetzamoka rain garden- seems City Attorney feels an MOU is required. This has slowed the process but we hope to install in September. Had 50 (K-8) OPEPO students at the site for an educational activity. Did work party for maintenance of rain gardens today. They look great!</p> <p><b>6) Kelp Monitoring</b> (Jeff) - Last winter several meetings with Lucas/WDNR/other MRCs/University of Victoria. Use of infrared/satellite imagery may be effective monitoring option for Jefferson County. Jeff discussed the benefits and limitations of satellite images. Aerial photos scheduled for this summer. Working with PTMSC to gather data on turbidity and temperature. Also plans for underwater photos.</p> <p><b>7) Derelict Boats</b> (Steve) At a recent meeting of all WA Port Commissions, there was a session on Derelict Boats. Clearly there are issues with the ABCs that are supposed to be in place. DNR/Attorneys will regroup. In meantime Port of PT is working with DNR and Jason Avery (runs the Sheriff's boat) to look at how to do monitoring, verify, document, and ticket boats.</p> <p><b>NWSF Projects</b></p> <p><b>1) Crabber outreach</b> (Tim) - open weekend dates were announced. Will try to be present to put information into the hands of the crabbers. June 28 volunteer training.</p> <p><b>2) Shoreline Landowner Outreach</b> (Cheryl) - in interest of time, we skipped this.</p>		
Recent Meetings Report	<p><b>NWSC May</b> (Dale/Jeff) - Dale referred to minutes emailed previously. NWSC has a proposal into Olympia (WA State legislature) about providing some funding.</p> <p><b>Strait ERN (Cheryl)</b> Last meeting was about approving the Strait ERN LIO regional plan and preparing for fall. NTAs Kate covered more detail in her report above.</p> <p><b>Bainbridge Community Conference</b> - Gordon/Anna/Frank attended. An amendment to Bainbridge Island SMP would create a defacto ban on aquaculture which led to this meeting. The meeting was attended primarily by people in opposition to aquaculture. No tribal representatives were present. Frank had relayed to Cheryl, thathe learned a lot but would like to have heard the other side. He suggested a future MRC forum that provides all perspectives. Al said about 100 were in attendance.</p> <p><b>Chumsortium</b> (Cheryl) Featured topic was about various agencies involved with fish passage programs. Local Conservation District is very engaged.</p>		
Public Comment	None.		
MRC Roundtable/ Announcements	<p>Bob - new raingarden signs are out at City's rain gardens. In July WSU Extension will be recruiting volunteers to test revised rain garden assessment.</p> <p>Judy Surber noted that the City's CAO Update is currently being reviewed by the Planning Commission.</p>		
ADJOURNMENT	Meeting was adjourned at 8:02 PM		



## Jefferson County Marine Resources Committee

## Meeting Agenda July 11, 2017

\*\*\* Marina Room, Hudson St  
Port Townsend

**NOTE: The July MRC meeting is at a new location (see above).**

### Officers/Executive Committee:

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

This is a special, JOINT MEETING of Jefferson, Clallam and Island  
County Marine Resource Committees.

The public is welcome to attend the meeting.

### AGENDA

#### MRC Members:

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fisker, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment  
Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is.

6:00 pm	Meeting convenes. Review agenda, approval of MRC minutes
6:05 pm	Brief introductions
6:15 pm	Rich Childers: 2018 funding status for NWSI & MRCs
6:20 pm	Discussion: Education-Outreach (30 min)
6:50 pm	Discussion: Eelgrass Protection (25 min)
7:15 pm	Discussion: Olympia Oysters (25 min)
7:40 pm	Final comments
7:50 pm	Adjourn
	Room clean-up (IC folks head out for 8:30 ferry)

### Notes:

The purpose of our joint meeting is to share ideas and project information.  
Each MRC with something to share will have a few minutes to describe their  
activities, followed by questions and discussion.

1. **Outreach & Education:** Discussion will focus on 2 areas:
  - Target audiences
  - Volunteer engagement.
2. **Eelgrass Protection:** What are some options for encouraging practices that protect or restore eelgrass?
3. **Olympia Oysters:** Brief presentations on Jefferson & Clallam Olympia oyster projects

### Staff:

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

**Jefferson County Marine Resources Committee  
Port of PT Marina Room at Point Hudson  
Port Townsend, WA  
July 11, 2017 Meeting Minutes**

---

**Present:**

Ashley Mackenzie, District 1, Co-Chair  
Emily Bishop, District 1  
Wade Crouch, District 3, Co-Chair  
Jeff Taylor, District 2, NWS Alt.  
Jackie Gardner, District 3 Alt.  
Gordon King, Commercial Interest  
Al Bergstein, Environment  
Judy D'Amore, Marine Science Alt.  
Dale Moses, Recreation, NWS Representative  
Neil Harrington, Tribal  
Shannon Davis, District 1 Alt.  
Frank Handler, District 2 Alt.  
Sarah Fiskien, District 3  
Anna Bachmann, Environment Alt.  
Troy McKelvey, Recreation Alt.  
Nam Siu, Marine Science

**Absent:**

Andrew Palmer, District 2  
Sam Gibboney, Port of Port Townsend Alt.  
Steve Tucker, *ex officio*, Port of Port Townsend  
Judy Surber, City of Port Townsend  
Kate Dean, *ex officio*, BOCC

**Staff:** Cheryl Lowe, Coordinator  
Bob Simmons, WSU Faculty  
Tim Weissman, Program Assistant

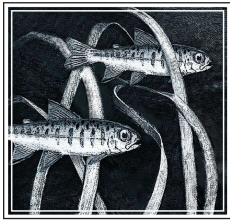
**Guests:**

Clallam MRC: 8 members, 2 staff and 2 interns  
Island MRC: 8 members, 1 staff and 2 guests.  
Individuals: Roy Clark, Rich Childers, Lucas Hart,  
Caroline Gibson, Anne Murphy, Ruth Blyther.

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Co-Chair Wade Crouch called the meeting to order at 6:01 PM. There was a round of introductions as guests were present.	A quorum was present.	All members – sign in and record volunteer hours by project.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Wade noted that times noted on agenda may be adjusted to accommodate discussion items, but as this was a special joint meeting, we dispensed with formal approval of agenda.  Wade asked for amendments to/approval of the May Minutes. No amendments were needed.	Motion to approve the minutes was made, seconded and passed.	
PUBLIC COMMENT	None.		
Presentation by Northwest Straits Initiative	Rich Carlson and Caroline Gibson presented a brief overview of NWSI funding sources. Rich noted that the recently approved WA State budget included some funding for the NWS Commission and the MRCs, thanks to Senator Kevin Ranker and others. Caroline described various sources of funding for NWS Foundation and reminded MRCs that the Foundation can take donations or raise funds for the MRCs outside of the county/state agency constraints. She noted that there will be another invite to apply for Opportunity Fund grants this next year. She also noted that the new Foundation budget assumes more private sources of funds. Shannon Davis added that people should feel free to contact their local Foundation Board member with questions or ideas.		
ADMINISTRATIVE	No administrative topics		
Current and Upcoming Projects— Replaced by Shared discussion of MRC projects	<b>Education Outreach Discussion</b> <u>Jefferson</u> Lead: Ashley Mackenzie, Jefferson MRC co-chair For the last 3 years Jefferson County MRC has hosted the event "Digging for Dinner". It has been a very successful way to reach community members and in 2017 the effort was expanded to two		

	<p>events. Topics include shellfish identification and safety. The first event in 2017 was focused on clams and the second on oysters and clams. The event was advertised through list servers and people were asked to sign up for the event. Both events filled up quickly. The license issue was solved by requiring participants to get their own permit before the event. Children less than 14 years do not need a license. This way people would also learn about the how to apply for a license.</p> <p>High School Engagement is another JMRC educational outreach program. They are just starting the program in collaboration with NW Watershed Institution. The first tasks are to identify interesting projects and advertise the program at the high schools.</p> <p><u>Clallam</u> Lead: Jeff Ward, Clallam MRC chair: Clallam County MRC has identified four audience groups to target through their educational outreach effort: elementary school kids, college students, young adults, and adults/seniors. The intern program targeting college students has been a success. The intern program consists of 3-5 paid internships where the students are working on current MRC projects along with the members. The program culminates in the Intern Celebration where the students give a public presentation of their work.</p> <p>Another successful program is the Oil Spill Preparedness training that Clallam County MRC has offered for numerous years. The training includes one HAZWOPER training and two oiled wildlife classes annually.</p> <p>Clallam County MRC has tried to reach young adults with kids through adult presentations and kids hands-on activities. The first event had fair attendance.</p> <p>Clallam County MRC has now so many field projects that we are looking for citizen science volunteers. In his presentation Jeff asked the following three questions: How do you reach college students? How do you reach young family adults? How do you create and sustain a pool of volunteers?</p> <p><u>Island</u> Lead: Barbara Bennett: Because Island County MRC is always busy they decided to conduct a need assessment in 2017. Their mission is to work closely with county agencies to meet their needs. Barbara had face-to-face meeting with 11 department heads and their staff. Some of the feed-back included: be bold and persistent in reaching out to county employees, monitor county projects, identify research questions, provide educational outreach to county staff and build educational communication with the public.</p> <p>Island County MRC is currently working on a finfish net pen white paper to be submitted to the Commissioners in 2017. She also suggested using the public forums to leverage the MRC website.</p> <p><u>Discussion</u> Lunch activities is a good time to reach students or after school games. Use local community papers or neighborhood newspaper and list servers to reach local residents. Port Townsend Leader is a good way to promote events in Jefferson Co; Peninsula Daily News is another option, but at times it is difficult to get timely information in the newspaper. WDFW Facebook page or "Next Door" social media can be useful as well.</p> <p>Island County MRC has used the shoreline landowner forums to reach out to landowners. Island County MRC will be making a video to be displayed at the planning department. Suggestions were made to create a shared depository for any MRC related videos for all of the NWSI.</p> <p>A short discussion followed about how interested the MRCs should be in promoting themselves. Jeff Ward pointed out the uniqueness of the NWS Initiative and suggested that the MRCs use that when promoting their events; Ashley Mackenzie would rather see the MRCs be promoted through promotion of their projects</p> <p>Finally it was suggested that communication with county</p>		
--	--	--	--

	<p>employees be one of the topics for the upcoming MRC conference.</p> <p><b>Eelgrass Discussion</b></p> <p><u>Jefferson</u> Lead: Dale Moses Jefferson County MRC has deployed buoys marking eelgrass protection zones and encouraging boaters to anchor outside of these zones. The public has responded very well to the buoys. Difficulties have included buoy maintenance and buoys floating away.</p> <p><u>Island</u> Lead: Kes Tautvydas Island County MRC monitors eelgrass beds through a combination of underwater videography, aerial photography, and the recent addition of multi-beam sonar. Most beds appear to be stable. Increases have occurred in only a couple areas. The new sonar data consistently corresponds to videography data and aerial data.</p> <p><u>Discussion</u> Monitoring</p> <ul style="list-style-type: none"> <li>- Albert Foster invited interested individuals to accompany him on a trip to see how the sonar monitoring works.</li> <li>- Could sonar be used to detect derelict crab pots? Possibly. Albert can look into this further.</li> <li>- Any boater with the Lowrance sonar gear could upload data to BioBase account (currently funded through Island County MRC's NWSC grant). This could be a good citizen science opportunity.</li> <li>- Compare results with WA DNR data.</li> </ul> <p>Are there other ways to educate the public about anchoring outside of eelgrass beds?</p> <ul style="list-style-type: none"> <li>- Include information for individuals obtaining Boater Education Card</li> <li>- Publish advertisements or an article in boaters' magazines, Waggoner Boating Guide</li> <li>- Get beds onto GPS charts</li> <li>- Utilize apps, such as Active Captain</li> <li>- The buoys have also served as an outreach method in getting the public aware of the Jefferson MRC and what they do</li> <li>- Share with County officials and departments where eelgrass beds are located</li> <li>- Existing video footage of eelgrass is quite low quality. Create higher quality footage and also take the opportunity to discuss anchoring outside of eelgrass zones</li> </ul>		
Recent Meetings Report	Deferred to next MRC meeting		
Public Comment	None.		
MRC Roundtable/Announcements	Everyone assisted with room clean-up.		
ADJOURNMENT	Meeting was adjourned at 8:02 PM		



# Jefferson County Marine Resources Committee

## Meeting Agenda Sept 5, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

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

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

#### **MRC Members:**

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fisker, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment  
Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is.

#### **Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

6:00 pm

Call to Order/Roll Call  
Guest Introductions  
Reporting monthly volunteer hours

6:05 pm

Amendments to/Approval of Agenda  
Amendments to/Approval of July Minutes

6:07 pm

Public Comment

6:10 pm

**Storm Surges, King Tides & Citizen Science Monitoring**  
Jay Albrecht (NOAA), Dave Wilkinson (King Tide) &  
Jeff Taylor (MyCoast app)

7:00 pm

Administrative  
Mussel Watch & 2018 budget (5 min)  
Wooden Boat Festival (5 min)  
BoCC report (Kate Dean) 5 min  
Eelgrass multi-beam sonar sites for Jefferson Co?

7:15 pm

Current & Upcoming Projects (1-5 min each)  
NWSC Projects:  
Olympia Oyster Discovery Bay (Neil)  
Outreach-WBF, PTSD (Cheryl)  
No-anchor Zones (Dale)  
Rain Gardens (Anna/Bob)  
Fort Townsend SP Monitoring (Cheryl) 1 min  
Kelp Monitoring (Judy/Jeff)  
Derelict Boats (Steve)

7:35 pm

Recent Meeting Reports  
Tidal Energy Seminar (Judy D) 5 min  
NWSC August (Jeff) 5 min

7:45 pm

Public Comments

7:55 pm

MRC Member Roundtable/Announcements

8:00 pm

Adjourn

### Meetings, Events and Dates to Remember

Sept 8-10 – Wooden Boat Festival

Sept 13 – MRC Exec Committee, WSU Ext office, 5 pm

Sept 15 – Strait ERN meeting, Blyn, 9:30am-2:30pm

Sept 20-23 – MRC Rain Garden Installations

Sept 29 - NWSC meeting - WebEx

Oct 3 – MRC meeting

**Jefferson County Marine Resources Committee  
Port Commissioners Bldg.  
333 Benedict Street  
Port Townsend, WA  
September 5, 2017 Meeting Minutes**

**Present:**

Emily Bishop, District 1  
Shannon Davis, District 1 Alt.  
Jeff Taylor, District 2, NWS Alt.  
Sarah Fiskén, District 3  
Jackie Gardner, District 3 Alt.  
Anna Bachmann, Environment Alt.  
Gordon King, Commercial Interest  
Steve Tucker, *ex officio*, Port of Port Townsend  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, *ex officio*, BOCC  
Dale Moses, Recreation, NWS Representative  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal

**Absent:**

Ashley Mackenzie, District 1, Co-Chair  
Andrew Palmer, District 2  
Wade Crouch, District 3, Co-Chair  
Frank Handler, District 2 Alt.  
Al Bergstein, Environment  
Sam Gibboney, Port of Port Townsend Alt.

**Guests:**

Roy Clark, Dave Wilkinson, Lucas Hart, Jay Albrecht, Leo & Crystal Pillifant

**Staff:**

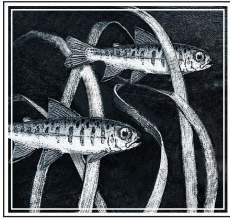
Cheryl Lowe, Coordinator; Robert Simmons, WSU Faculty; Tim Weissman

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Dale Moses called the meeting to order at 6:01 PM. There was a round of introductions as guests were present.	A quorum was present.	All members – please sign in and record volunteer hours by project.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Dale asked for amendments to the agenda. Kate requested that BoCC report be moved up before the guest presentation.  Dale asked for amendments to/approval of the July Minutes.	Agenda was approved as modified by consensus.  Gordon King moved to approve the minutes. Nam Siu seconded. Motion passed unanimously.	
PUBLIC COMMENT	None.		
BoCC REPORT	<b>BoCC report:</b> Kate Dean: The BoCC is tracking Atlantic salmon net pen escape. She expressed disappointment in the state's response. Clallam action on net pens has been postponed. Kate asked members to forward information/input on Atlantic net pen news. Cheryl will scan and send article from Troy. BOCC is close to a decision on Pleasant Harbor Master Planned resort. Port Gamble S'Klallam Tribe has unresolved issues regarding the potential impacts (e.g. water quality, shellfish beds, etc.). Discussion ensued regarding the master plan approval process.  Dale noted that while the MRC may choose to write a letter re: salmon net pens, it is more likely to come from NWSC.  Kate continued: Water quality testing on hold due to State budget delay. Hirst Supreme Court Decision a big issue for Jefferson County in 2018. Kate to attend a water law training. A first draft of the Critical Areas Ordinance has been reviewed by the County Planning Commission. Kate expects a revised draft this Fall with final adoption in Spring 2018. Buffers for existing agriculture a hot topic.		Cheryl to scan and send Atlantic salmon net pen article from Troy.
STORM SURGES, KING TIDES & CITIZEN SCIENCE	<b>Storm Surges, King Tides &amp; Citizen Science Monitoring -</b> (Jeff Taylor, Jay Albrecht of NOAA, Dave Wilkinson of Local 2020 and the Jefferson County/City of Port Townsend Climate Action Committee (CAC))		

MONITORING	<p>Jay gave a slide presentation entitled "Observing and Reporting King Tides and Coastal Flooding". Jay is with the NOAA National Weather Service (NWS). They are using citizen science to improve forecasts. He provided an overview of tides. Tide tables are generally accurate for within a tenth of a foot, however storm surge and King Tides are more difficult to forecast. Effect of atmospheric pressure can add feet to tidal elevations. Wind and bathymetry, surface currents are additional factors that can significantly effect tidal elevation. If all factors are combined could add about 3-4 feet in Port Townsend and about 4-5 feet on the coast of Jefferson County. Storms in PNW are difficult to predict. He recommended the following website for comparisons of predicted and actual elevations:  <a href="http://www.nws.noaa.gov/mdl/etsurge/">http://www.nws.noaa.gov/mdl/etsurge/</a></p> <p>NOAA is promoting crowd-sourced "citizen-science" ocean and weather observations using smart phone and social media technology. Send a picture to Twitter with the #hashtag #King Tide, #Coastal Flooding or #WAWX (make sure that your location services are turned on for the phone and twitter!) Users also need to add location and description to the Tweet.</p> <p>NWS has a social media dashboard to monitor natural hazards posts. Increases situational awareness. Real time tweets help them compare actuals to models. Newer cell phones include ways to measure barometric pressure and even "bobbing" from waves in a boat.  Water spouts reported about 2-3 times a year.</p> <p><u>King Tides:</u> Dave Wilkinson: In Spring 2016, CAC and MRC contacted Washington Sea Grant to explore local monitoring of King Tides. Dave has taken lead. He summarized observations to date. Value in identifying current areas of concern and future issues. Partners include WA Sea Grant, Local 2020, CAC and MRC. Nearby King Tide projects include Dungeness. Three sites locally: 1) Boat Haven Stormwater outlet 2) Salmon Club Boat Ramp 3) NWMC pier. Example shown had a predicted high tide of 8.6' while observed was 10.1'.</p> <p>Storm surge exposes us to higher water on several days around higher tides. Storm surge can add 1.5 ft which is small compared to daily tide level change (6-8 feet). Coupled with anticipated sea level rise increase of 0.5", MHHW could increase to 9.0' and we can see annual extremes of 10.7' by 2050. Thus, today's King Tides are tomorrow's norm.</p> <p>What you can do:  Website: King Tides Project  You can add your name to the King Tide email list  <a href="mailto:wilkinsonwx@gmail.com">wilkinsonwx@gmail.com</a>  Pick a site of interest and photo document.</p> <p><u>MyCoast Smartphone App</u> - Jeff Taylor: Snohomish County MRC is pursuing citizen science engagement using this Smartphone application. You can report: King Tide, abandoned boats, storm surge, creosote pilings and capturing beach change with this app. Snohomish MRC grant 2017-2018. Downsides: Fee service and getting people to download and use the app.</p>		
ADMINISTRATIVE	<p><b>Mussel Watch &amp; 2018 budget</b> - Cheryl provided a quick update. Every other year, WDFW sets mussels out and monitors for a wide range of pollutants. State has a set number of sites, but others can sponsor additional sites. Jefferson Co. Health suggested Discovery Bay. MRC will sponsor this monitoring site in our upcoming grant. WDFW will deliver a packet of mussels and cage. MRC volunteers to install and GPS then retrieve it 2-3 months later and send to WDFW lab for testing.</p> <p><b>Wooden Boat Festival</b> - Cheryl passed around sign-up sheet to staff the booth. She gave an overview of the booth display and "Passport to Adventure".</p> <p><b>Eelgrass multi-beam sonar sites for Jefferson County</b> - Dale: This was discussed briefly at the July MRC joint meeting. A Clallam County volunteer is willing to go around in his boat surveying eelgrass beds. He'd need a local volunteer to accompany him. In past, we have done video surveying. This is a different method. Ideas: Port Hadlock, Fort Townsend restoration in about 5 more years; mouth of Chimacum Creek. State does some monitoring but not these specific sites. Cheryl noted sonar has been compared to the video surveying and results are comparable. Jeff suggested Oak Bay Area as</p>		



	<p>well. When? This month or next spring? Jackie, Sarah, Nam, Sarah and Roy volunteered to receive more detailed info.</p> <p>Cheryl: Goodbye and Thank You! to Tim Weismann - Tim will be moving to full-time with Jefferson Co. Public Health.</p>		
Current and Upcoming Projects	<p><b>Oly Oyster Discovery Bay</b> - Neil reported on recent surveying with Brady at Discovery Bay extant population. Looking good. He asked for time on next agenda to go into more detail about future plans. Also worked with a volunteer team to survey the MRC restoration area out in the bay. It also looks good.</p> <p><b>Outreach - WBF, PTSD</b> Cheryl is presenting tomorrow night to Discovery Bay homeowners in partnership with Jeff Co Public Health who conducts WQ monitoring in the bay. She passed around outreach mailing (NWSF funded) on erosion and bulkhead alternatives.</p> <p>WSU Course – Cheryl provided Stream Stewards (formerly watershed stewards) handout.</p> <p>Port Townsend School District - MRC acting as a community resource to school teachers. Cheryl attended a workshop and helped them identify contacts related to ocean acidification topics.</p> <p>Jeff Taylor learned of an ACOE program that helps homeowners wanting to remove their bulkheads. He will forward info to Cheryl for distribution.</p> <p><b>No Anchor Zones</b> - Dale reported on buoy installation in PT Bay. They found them all! Mystery Bay still has all 7 buoys. 3 of 4 buoys in Port Hadlock are no longer in the water, but two have been found. Installed temporary buoys today. End of month they plan to work on the buoys in Port Hadlock. He passed around worn tackle.</p> <p><b>Rain Gardens</b> – Bob: Anticipates installation in 2 weeks at two sites:  1) Chetzemoka Park (still issues with County and City agreement)  2) Second site: Tried for Wooden Boat School but not ripe yet. Moving ahead with another site at Port Hadlock at the First Security Bank. 3) He will also have 2 students from Jude Rubin's YES! Program (Youth Environmental Stewards) helping with rain gardens this coming year.</p> <p><b>Fort Townsend SP Monitoring</b> continues.</p> <p><b>Kelp Monitoring</b> (Judy D'Amore and Jeff) Team of three went out in kayaks yesterday to N. Beach. Also working on ground truthing Marrowstone photos of possible kelp bed. It does not appear to exist. Emily reported it may be an eddy collecting debris.</p> <p>There is a DNR proposal to fly a drone over N. Beach. Russ McMillian working on securing permission.</p> <p><b>Derelict Boats</b> – (Steve) Sheriff had volunteered to monitor but it did not meet DNR's monitoring criteria. However, DNR did send a letter to the boat owner with back fees. Regulations complicated and difficult to enforce. DNR, Sheriff and Port will meet and discuss enforcement. Port to pursue legislation to get teeth in enforcement.</p>		Jeff Taylor to forward info on ACOE program to Cheryl for distribution.
Recent Meetings Report	<p><b>Tidal Energy Seminar</b> - Troy and Judy D'Amore attended. Good overview. Still a lot of work to be done to implement. In remote places (Alaska) or offshore locations it has more potential.</p> <p><b>NWSC August</b> (Jeff) – He referred to meeting minutes from Nicole. Ron Thom's presentation at that meeting was about measuring impacts and the need for more project monitoring.</p>		
Public Comment	None.		
MRC Roundtable/Announcements	<p>Nam announced he is taking a new job at WDFW in Port Orchard, but he intends to stay on MRC.</p> <p>Anna provided a flyer re: tomorrow's meeting in Disco Bay. Cheryl still needs Sunday afternoon coverage at WBF. She will send schedule out.</p> <p>Shannon - Annual NWSC conference will be in Bellingham first weekend in November.</p>		
ADJOURNMENT	Meeting was adjourned at 8:05 PM		



## Jefferson County Marine Resources Committee

## Meeting Agenda Oct 3, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

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

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

#### **MRC Members:**

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fiskens, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment  
Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is.

#### **Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

6:00 pm

Call to Order/Roll Call  
Guest Introductions  
Reporting monthly volunteer hours

6:05 pm

Amendments to/Approval of Agenda  
Amendments to/Approval of Sept Minutes

6:07 pm

Public Comment

6:10 pm

BoCC Report (Kate Dean)

6:15 pm

**Sound Action and the Work They Do**  
Amy Carey, Exec Director

7:00 pm

Administrative  
MRC Conference Registration (Cheryl) 2 min  
Wooden Boat Festival evaluation (all) 8 min  
Eelgrass multi-beam sonar follow-up (Cheryl) 1 min  
MRC membership revisions/updates? 2 min  
Crabber Outreach 2018-19 (Cheryl) 4 min  
Derelict Boats (Wade) 3 min

7:20 pm

Current & Upcoming Projects  
NWSC Projects:  
Outreach- (Cheryl) 2 min  
No-anchor Zones (Dale) 8 min  
Rain Gardens (Anna/Bob) 10 min  
Olympia Oyster – next month  
Fort Townsend & Kelp – no report?

7:40 pm

Recent Meeting Reports  
Strait ERN (Neil or Bob) 10 min  
NWSC Sept (Dale) 5 min

7:55 pm

Public Comments

7:58 pm

MRC Member Roundtable/Announcements

8:00 pm

Adjourn

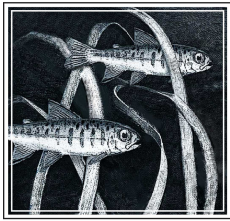
### Meetings, Events and Dates to Remember

Oct 5 – Chumsortium meeting, 9 am, WDFW office

Oct 17 – MRC Exec Committee, WSU Ext office, 4 pm

Nov 3-4 - MRC Conference in Bellingham

Nov 7 – MRC monthly meeting



# Jefferson County Marine Resources Committee

## Meeting Agenda Nov 7, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

#### Officers/Executive Committee:

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

#### MRC Members:

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fisker, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment  
Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is.

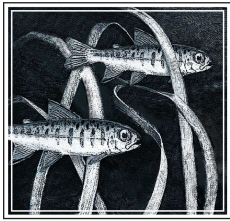
#### Staff:

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

6:00 pm	Call to Order/Roll Call Guest Introductions Reporting monthly volunteer hours- <b>See Electronic Form</b>
6:05 pm	Amendments to/Approval of Agenda Amendments to/Approval of Oct. Minutes
6:07 pm	Public Comment
6:10 pm	BoCC Report (Kate Dean)
6:20 pm	<u>Administrative</u> Reports on ideas from MRC Conference 15 min Our long-range Priority Projects & NTAs (Cheryl) 25 min Nominating Committee & MRC vacancies 10 min Eelgrass side-scan sonar update (Sarah & Steve) 3 min No-discharge Zone update (Dale) 2 min
7:15 pm	Emily Bishop, Juvenile Salmon in the Local Nearshore
7:35 pm	<u>Current &amp; Upcoming Projects</u> NWSC Projects: Mussel Watch (Anna) 5 min No-anchor Zones (Dale) 5 min Rain Gardens (Anna/Bob) no report Olympia Oyster – no report Outreach (Cheryl) no report Fort Townsend & Kelp – no report
7:50 pm	<u>Recent Meeting Reports</u> NWSC –No report
7:50 pm	Public Comments
7:55 pm	MRC Member Roundtable/Announcements
8:00 pm	Adjourn

### Meetings, Events and Dates to Remember

Nov 8 – Oly Oyster sub-committee, 10 am, WDFW office  
Nov 12 – PTMSC Ocean Lecture, 3 pm Fort Worden  
Nov 14 – MRC Exec Committee, WSU Ext office, 4 pm  
Dec 5 – MRC monthly meeting  
Dec 7 – Chumsortium, 9 am WDFW office  
Dec 8 – Strait ERN quarterly mtg, Blyn



# Jefferson County Marine Resources Committee

## Meeting Agenda Dec 5, 2017

Port Commissioners Bldg.  
333 Benedict St, Port Townsend, WA

### AGENDA

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

Ashley Mackenzie, Co-Chair  
Wade Crouch, Co-Chair  
Dale Moses, NWS Representative  
Jeff Taylor, NWS Alternate

#### **MRC Members:**

Ashley Mackenzie, District 1  
Emily Bishop, District 1  
Shannon Davis, District 1, Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2  
Frank Handler, District 2, Alt.  
Wade Crouch, District 3  
Sarah Fisker, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment  
Alt.  
Steve Tucker, Port of PT  
Sam Gibboney, Port of PT Alt.  
Gordon King, Commercial  
Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.  
Kate Dean, BOCC  
Dale Moses, Recreation  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port  
Townsend  
Neil Harrington, Tribal  
\_\_\_\_\_, U.S. Navy, Indian Is.

#### **Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty  
c/o WSU Jefferson Extension  
380 Jefferson Street  
Port Townsend WA 98368  
[www.jeffersonmrc.org](http://www.jeffersonmrc.org)  
[Jeff.Co.MRC@gmail.com](mailto:Jeff.Co.MRC@gmail.com)

6:00 pm

Call to Order/Roll Call  
Guest Introductions  
Reporting monthly volunteer hours-**See Electronic Form**

6:05 pm

Amendments to/Approval of Agenda  
Amendments to/Approval of Nov. Minutes

6:07 pm

Public Comment

6:10 pm

BoCC Report (Kate Dean)

6:20 pm

#### Administrative

Nominating Committee report & elections (Dale) 10 min  
5-yr Priority Projects discussion (Cheryl) 30 min  
NTA update (Cheryl & Bob) 5 min

7:05 pm

#### Current & Upcoming Projects

##### NWSC Projects:

- Olympia Oyster (Neil) 20 min
- Mussel Watch (Anna) 5 min
- Outreach (Cheryl) Cit Sci Summit & Maritime  
Discovery Program update 5 min
- Fort Townsend reveg. (Cheryl) 5 min
- Derelict Boat (Wade) 2 min
- No-anchor Zones - no report
- Rain Gardens - no report
- Forage Fish - monitoring continues. No report

##### NWS Foundation Projects:

- Shoreline Landowner update (Cheryl) 5 min

7:45 pm

#### Recent Meeting Reports

HCCC & Strait ERN NTA workshops  
NWSC -No report

7:50 pm

Public Comments

7:55 pm

MRC Member Roundtable/Announcements

8:00 pm

Adjourn

### Meetings, Events and Dates to Remember

Dec 7 – Chumsortium, 9 am @ WDFW office

Dec 8 – Strait ERN Qtr mtg, 9:30a -2:30p, JSK Blyn

Dec 19 – Exec Comm mtg, 4 pm @ WSU Ext office

**Jefferson County Marine Resources Committee  
Port Commissioners Bldg.  
333 Benedict Street  
Port Townsend, WA  
October 3, 2017 Meeting Minutes**

**Present:**

Ashley Mackenzie, District 1, Co-Chair  
Emily Bishop, District 1  
Shannon Davis, District 1 Alt.  
Andrew Palmer, District 2  
Jeff Taylor, District 2, NWS Alt.  
Frank Handler, District 2 Alt.  
Sarah Fiskien, District 3  
Al Bergstein, Environment  
Steve Tucker, *ex officio*, Port of Port Townsend  
Gordon King, Commercial Interest  
Judy D'Amore, Marine Science Alt.  
Dale Moses, Recreation, NWS Representative  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal

**Absent:**

Wade Crouch, District 3, Co-Chair  
Jackie Gardner, District 3 Alt.  
Anna Bachmann, Environment Alt.  
Nam Siu, Marine Science  
Sam Gibboney, Port of Port Townsend Alt.  
Kate Dean, *ex officio*, BOCC

**Guests:**

Ruth Blyther NWSF; Rich Childers NWSC; Betsy Carlson PTMSC; Amy Carey Sound Action

**Staff:**

Cheryl Lowe, Coordinator; Robert Simmons, WSU Faculty

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Ashley Mackenzie called the meeting to order at 6:00 PM. There was a round of introductions as guests were present.	A quorum was present.	All members – please sign in and record volunteer hours by project.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Ashley asked for amendments to the agenda. Jeff requested adding Forage Fish to Current Projects; Steve will cover Derelict gear for Wade.  Ashley asked for amendments to/approval of the September Minutes.	Steve Tucker moved to approve the agenda as amended. Second by Neil Harrington. Approved as amended.  Steve Tucker moved to approve the minutes. Gordon King seconded. Motion passed unanimously.	
PUBLIC COMMENT	None.		
BoCC REPORT	<b>BoCC report:</b> Kate Dean was not present.		
SOUND ACTION	<b>Sound Action and The Work They Do</b> - Amy Carey, Sound Action Executive Director, expressed her appreciation for the work of the MRC. She provided an overview of the Sound Action's work history, what they do and why it is important. Sound Action originally stemmed from a grass roots organization on Vashon which formed to oppose a 1997 proposal to mine Maurey Island. They won their appeal in 2010. During the nearly 15-year fight, the group grew and gained expertise. They recognized Puget Sound was suffering a death by a thousand cuts due to regulatory gaps.  In 2013 they launched Sound Action as a regulatory watchdog group. Regulations on the books are not being applied and enforced. Amy discussed the Hydraulic Code under WDFW, which purpose is to protect marine and freshwater species. The standard is no net loss. It has huge gaps. Internal review found that less than 20% of permits issued met that standard. Sound Action now reviews every HPA permit issued from Point Roberts to South Sound (including Port Townsend area, southward from		

	<p>just west of Point Wilson) and files appeals when warranted. Reviewing HPAs gives a good snapshot of what activities are occurring. Informal administrative appeals are the first step. They often get resolution with an administrative appeal but if not, they file a formal appeal to the Pollution Control Hearings Board (PCHB). WDFW does not deny permits. Sound Action's goal is to help WDFW improve permits; it's a unique partnership. There is also dialogue on legislative fixes. Sound Action was appointed to State-wide committee on implementation of the Hydraulic Code.</p> <p>Forage fish is a focus. The lack of forage fish documented habitat is problematic. Because of third party appeals, WDFW scientists proposed protection around 1.2 kilometers (634 meters on either side) of a positive surf smelt data point. It was adopted March 2017. As a result, an estimated 500 additional miles of shoreline are protected. They are evaluating whether similar regulations should also apply to sand lance.</p> <p>Around 2013-14, they helped WDFW get \$750K earmarked in the state budget for forage fish surveys and they have worked every year to retain funding. During the Q&amp;A session, Amy explained: Sound Action is funded by donors and grants. They review about 500 plus permits per year. Sound Action looks for regulatory gaps and appropriate implementation. In regards single-family bulkheads, there is a minor gap in the regulations, but the bigger issue is implementation.</p> <p>WDFW recently claimed "for the first time, less armoring going in than being removed" but that's not technically accurate when you include repair and replacements. Shannon added: repair and replace permits are very easy to get and often misused.</p> <p>While the Hydraulic Code has broad application, aquaculture and associated structures do not require an HPA. Currently, Sound Action does not have the capacity to monitor compliance. Amy is staff, she retains consultants and attorneys as needed. She described Sound Action's relationship with tribes. Discussion of various permitting overlaps and gaps (Fed. State, local) ensued.</p>		
ADMINISTRATIVE	<p><b>MRC Conference Registration</b> (Cheryl) reminded people to register. Rich Childers said conference agenda will be posted by next week. Al hopes to audiotape. Hotel reservations due by 10/13. Cheryl encouraged carpools and room sharing. She passed around NWS Initiative Annual report which is also available online.</p> <p><b>WBF evaluation (All)</b> – Members gave feedback- some suggested booth design be primarily focused on adults vs. kids. Ideally attract both. Passport to Adventure was great! WDFW and Jefferson County Health reported Passport helped bring in 1200 people! Cheryl requested more help for prep next year.</p> <p><b>Eelgrass multibeam sonar follow up.</b> (Cheryl) For those who expressed interested in the boat survey, Cheryl is coordinating with Albert Foster, to go out maybe early next week.</p> <p><b>Membership revisions and updates</b> (Cheryl). Exec Committee proposes to review business rules. They'd like a small group to review it. Gordan, Al, Sarah and Neil volunteered.</p> <p><b>Crabber Outreach 2018-19</b> (Cheryl). Jason Morgan from NWSF is putting together a grant proposal for additional Derelict Gear work for 2018-19 FY - they want to measure impact of outreach. She needs to know, are we interested in having Jason include us in the grant proposal which would pay for Natural Resources Consultants to do crab pot removals? Cheryl noted, this would commit Jefferson MRC to doing Crabber Outreach in 2018-19. Neil Harrington moved to approve inclusion of Jefferson MRC in the grant proposal. Seconded by Andrew Palmer. Approved unanimously. Jeff is interested in helping- especially near Aldelma/Discovery Bay if that's included.</p> <p><b>Derelict Boats</b> (Steve) - Met with Bridget of DNR and Jason Avery at the Sheriff's Department to discuss preventing derelict boats. Sheriff's Department issues citations. Bridget can assess fees if illegally anchoring on DNR land, but she needs documentation to do it. It would require monitoring and documenting. Steve sees a need for a map showing where you can anchor and for how long (every 30 days). Steve noted there is a program to give your boat away if maintenance proves too</p>	<p>Neil Harrington moved to approve inclusion of Jefferson MRC in the grant proposal. Seconded by Andrew Palmer. Approved unanimously.</p>	<p>All – remember to register for the MRC Conference</p> <p>Gordan, Al, Sarah and Neil to assist Cheryl with business rule updates.</p>

	<p>costly. We could request a weekly patrol. (He referred to a recent news article). Derelict boats/illegally moored have recently caused two shellfish closures: Mystery Bay shellfish closure and Hamma Hamma temporary closure at Port Hadlock. Does the MRC support? If yes, we would need a MRC member to commit to go on weekly patrols with Jason.</p> <p>Cheryl summed up: Two issues: 1. Are we interested in pursuing derelict boat monitoring? 2. Need volunteers to monitor.</p> <p>Dale Moses moved to include derelict boat monitoring as an MRC project; seconded by Gordon King - passed unanimously.</p> <p>Volunteers: Troy, Sarah, Gordon, Andy, Al, Dale, Jeff.</p> <p>Steve will coordinate with volunteers and Jason.</p>	<p>Dale Moses moved to include derelict boat monitoring as an MRC project; seconded by Gordon King - passed unanimously.</p>	<p>Steve will coordinate with volunteers and Jason.</p> <p>Volunteers: Troy, Sarah, Gordon, Andy, Al, Dale, Jeff.</p>
Current and Upcoming Projects	<p><b>Outreach</b> – previously covered with WBF evaluation and Crabber Outreach.</p> <p><b>No-anchor Zones</b> (Dale). All ten buoys are in place at PT Bay. Compliance during WBF was good. Tackle seems to be performing well. Plan is to haul in buoys and set winter floats October 18.</p> <p>Lost a buoy at Mystery Bay but recovered it. Will need to put it back. Identified weakness in open-end shackles and will look into replacing them. Last Spring, we lost 3 of 4 buoys in Port Hadlock. Found one. Gordon and Dale will follow up on a lead for one of the missing anchor lines.</p> <p><b>Rain Gardens</b> (Bob) - Installed two rain gardens in late September. Chetzamoka challenging but Bob got City/BoCC contract signed. Thanked everyone for their efforts. First Security Bank rain garden went well. That makes six rain gardens installed! Bob will report on data loggers at Garfield Street site.</p> <p><b>Olympia Oyster</b> - report in December</p> <p><b>Fort Townsend &amp; Kelp</b> (Cheryl). About to start forage fish monitoring at Fort Townsend again - Emily, Neil, Al, and Frank volunteered to help.</p> <p><b>Forage Fish</b> (Jeff) - He is looking for volunteers for Aldema Beach monitoring. Erin Dilworth from WDFW came to provide tips in the lab. Ashley will send info on lab equipment that may be available.</p>		<p>Gordon and Dale will follow up on lead for missing buoy.</p> <p>Bob will report on data loggers at Garfield Street site.</p> <p>Emily, Neil, Al, and Frank to help monitor at Fort Townsend.</p> <p>Ashley to send info on lab equipment to Jeff.</p>
Recent Meetings Report	<p><b>Strait ERN</b> (Neil) - There will be a call for new near-term action items (NTA) in the Fall and we will need to resubmit for any continuing NTAs. Bob added - ERN sent letter of support regarding the Snake River Dam removal. \$100k for WSU/NOSC's education outreach proposal to be used in Clallam and Jefferson Counties which will compliment MRC efforts (Jan 2018-2020). Cheryl added, Lucas arranged a conference call to coordinate better for next round of near-term actions. Rich Childers noted next opportunity would be 4 years from now.</p> <p><b>NWSC Sept</b> (Dale) Last Friday the commission met via WebX, he emailed draft notes and will forward final notes. They've found 50,000 Atlantic Salmon all had empty stomachs! They are starving and virtually none had diseases.</p> <p><b>Rich Childers</b> - Netpen aquaculture is a topic of interest and NWSC is considering a 1-2-day conference likely Feb or March 2018.</p>		
Public Comment	None.		
MRC Roundtable/Announcements	<p>Gordon: Recently, EPA requested tour of Dabob Bay Taylor Shellfish hatchery. Gordon provided pamphlets about Jefferson MRC.</p> <p>Neil: Jamestown has new Director of Natural Resources, Hansi Hals. About 20 staff in that dept.. Salmon return in Jimmie Come Lately Creek is way down.</p>		
ADJOURNMENT	Meeting was adjourned at 8:00 PM	<p>Neil Harrington moved to adjourn. Seconded by Gordon King</p>	

**Jefferson County Marine Resources Committee  
Port Commissioners Bldg.  
333 Benedict Street  
Port Townsend, WA  
November 7, 2017 Meeting Minutes**

**Present:**

Ashley Mackenzie, District 1, Co-Chair  
Emily Bishop, District 1  
Shannon Davis, District 1 Alt.  
Frank Handler, District 2 Alt.  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment Alt.  
Kate Dean, *ex officio*, BOCC  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal  
Dale Moses, Recreation, NWS Representative

**Absent:**

Andrew Palmer, District 2  
Jeff Taylor, District 2, NWS Alt.  
Wade Crouch, District 3, Co-Chair  
Sarah Fiskien, District 3  
Steve Tucker, *ex officio*, Port of Port Townsend  
Sam Gibboney, Port of Port Townsend Alt.  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Judy D'Amore, Marine Science Alt.

**Guests:**

Betsy Carlson PTMSC; Roy Clark WDFW; Duane Staple

**Staff:**

Robert Simmons, WSU Faculty

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Ashley Mackenzie called the meeting to order at 6:00 PM. There was a round of introductions as guests were present.  Members were reminded to complete travel vouchers. Please report volunteer hours on Electronic Forms.	A quorum was present.	All members – please sign in and complete travel vouchers. Please report volunteer hours on Electronic Forms.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Ashley asked for amendments to the agenda. Bob is filling in for Cheryl who is out sick.  Ashley asked for amendments to/approval of the October Minutes.	Anna Bachmann moved to approve the agenda as amended. Second by Neil Harrington. Approved as amended.  Neil Harrington moved to approve the minutes. Anna Bachmann seconded. Motion passed unanimously.	
PUBLIC COMMENT	None.		
BoCC REPORT	<b>BoCC report:</b> Kate reminded the group of issues the County was having with a Commercial geoduck farming permitting for Shine area. There was a question on vesting rights with the newly adopted Shoreline Master Program (SMP). Decision was it is under the new SMP and requires a Conditional Use Permit. That decision has been challenged and will be before the Hearings Examiner later this month.  Black Point Master Planned Resort permitting is also moving along. Port Gamble S'Klallam tribe is concerned with water quality and habitat impacts. County is working on a development agreement balancing property rights and concerns of the Tribe.  CAO Update - first draft has been through Planning Commission. Anticipate revise draft in next week or two. County has until end of June 2018 to adopt. Bob will route the draft to MRC members.  Kate reminded us of upcoming deadline, December 22 for a letter of registration is due to the PSP on Near Term Actions (NTA). The letter must go through the LIO first. PSP Ecosystem Coordination meeting tomorrow is on shorelines. She'll provide	Bob will route the draft CAO to MRC members	



	update at our next meeting.		
ADMINISTRATIVE	<p><b>Reports on ideas from MRC Conference</b> – Members thanked Kate for her participation on the How to Communicate with County Commissioners - a great session. Al recorded sessions which will soon be posted by NWSC. Previous conferences were also posted and recorded. (Billy Frank Jr. excellent past one). Kudos for many sessions. Ignite was a great communication tool. Always good to ask, 'how does this session tie into the mission and work of the MRC?' Ashley noted the potential for citizen science and partnership with DNR on pH monitoring related to "halo effect" of eelgrass (measuring beneficial effects of eelgrass outside edge of eelgrass bed). Betsy noted PTMSC would also be interested- good tie-in to their current work. Discussion ensued of past eelgrass monitoring proposal by PNL; removal of creosote piling removal. Q: Are there additional pilings within Jefferson County that we want removed? Al will follow up with Lisa Kaufman. A possible NTA Action.</p> <p><b>Our long-range Priority Projects &amp; NTAs</b> - Bob provided a draft MRC Long-range Planning Overview (Nov 2017). Goal: Identify program areas (and/or specific projects) that the Jefferson MRC feels are the most important ones for us for the next 4-5 years. He noted the relationship between MRC strategic plan and PSP Action agenda. The MRC Strategic Plan was last updated in 2013. NTAs are projects eligible for funding for the next four years (previous cycle was two years) Neil: PSP will hold Workshop for Straits LIO on 11/29 and 12/1. Kate: 11/14 and 11/21 for Hood Canal LIO. Bob and Neil are both on the Straits Technical Committee and could help with projects of a regional nature. If you want an NTA to be renewed - you must resubmit it. (Should be a cut and paste). Shannon attended a meeting on NTAs with NWSC and NWSF staff. The NWSI is planning to submit NTAs that would be all encompassing. Neil and Shannon noted that this time they are trying to improve coordination between various entities. Discussion ensued as to the structure of the PSP and the Action Agenda and how it fits with MRC Strategic Plan, funding opportunities etc. Kate: In addition to the overarching PSP priorities, each LIO also has regional priorities which your NTA would need to align with. Neil &amp; Shannon volunteered to help Cheryl and Bob. Dale suggested another full membership brainstorming event at next meeting. Ashley noted that Executive Committee will be discussing this further and will put this on the December agenda. Bob to send out info on the workshops.</p> <p><b>Nomination Committee for 2018 &amp; MRC Vacancies</b> (for vacant Executive Committee positions) - Dale and Wade are interested in stepping down. Jeff is interested in moving to NWS Rep. Emily &amp; Dale volunteered to be on the Nominations Committee. Kate and Ashley noted there is some discussion of revisiting member representation (e.g. replace Navy rep with PTMSC or WDFW). Dale - reminder that when your term expires, the opening is advertised and incumbent must reapply.</p> <p><b>Eelgrass side-scan sonar update</b> - Briefly, Dale noted it went fast and was surprisingly accurate!</p> <p><b>No-discharge zone update</b> - Ecology has a draft rule regarding no-discharge zones for all types of vessels universally. He sent an email to members. Not enough pump outs out there.</p>	<p>Al to follow up with Lisa Kaufman on creosote piling removal.</p> <p>Neil, Shannon volunteered to help Cheryl and Bob.</p> <p>Dale suggested another full membership brainstorming event at next meeting.</p> <p>Ashley noted that Executive Committee will be discussing this further and will put this on the December agenda.</p> <p>Bob to send out info on the workshops.</p> <p>Emily &amp; Dale volunteered to be on the Nominations Committee.</p>	
Juvenile Salmon in the Local Nearshore (Emily Bishop)	<p><b>Juvenile Salmon in the Local Nearshore</b> - Emily provided an overview of the Port Gamble Tribe draft report - Port Gamble is part of HCCC. Tribe wanted to test the theory that juvenile salmon congregate at the nearshore area at the mouth of the rivers where they spawn. Found that they were congregating at: Port Gamble Bay, Killisut Harbor, and Port Ludlow Bay. All are shallow productive bays. Findings support the proposal to open up Killisut Harbor causeway. They also found congregations at the Hood Canal Bridge - lots of data being gathered there to assess how the structure is impacting fish passage. The Port Gamble report identifies specific recommendations for protecting these locations including community outreach, removing creosote, property acquisition, and oil spill equipment at marinas.</p>		

Current and Upcoming Projects	<p><b>Mussel Watch</b> (Anna) Deployment canceled for month of November. Rescheduled for December 1. With some coordination with PTMSC for picking up cages &amp; materials. AI will take photos. Anna has enough people to help.</p> <p><b>No-Anchor Zones</b> (Dale) Winter buoys went out two weeks ago and we already lost one. Still working to recover lost buoys.</p> <p>No reports for other projects.</p>		
Recent Meetings Report	No report.		
Public Comment	Public Comment – Duane commended the group, Good Job!		
MRC Roundtable/ Announcements	<p>Anna: Chimacum and Ludlow Creeks open house - 11/16 - please promote.</p> <p>Shannon: Delivered a thank you card to Ashley from OPEPO class.</p> <p>Dale: PSP recent press release re: Orca decline as chinook decline.</p> <p>Shannon and Bob: Governor Inslee is working on a response plan for Orca.</p> <p>Ashley: Director of USGS Western Resources Center is speaking on Sunday 3:00 at Fort Worden Chapel for the PTMSC lecture series.</p> <p>Bob: Kurt Grennel is speaking on 11/16 at 5pm on Jamestown S'Klallam Aquaculture at NWMC.</p>		
ADJOURNMENT	Meeting was adjourned at 7:54 PM	Jackie Gardner moved to adjourn. Seconded by Dale Moses	

**Jefferson County Marine Resources Committee  
Port Commissioners Bldg.  
333 Benedict Street  
Port Townsend, WA  
December 5, 2017 Meeting Minutes**

**Present:**

Wade Crouch, District 3, Co-Chair  
Ashley Mackenzie, District 1, Co-Chair  
Shannon Davis, District 1 Alt.  
Jeff Taylor, District 2, NWS Alt.  
Frank Handler, District 2 Alt.  
Sarah Fisksen, District 3  
Jackie Gardner, District 3 Alt.  
Al Bergstein, Environment  
Anna Bachmann, Environment Alt.  
Judy D'Amore, Marine Science Alt.  
Dale Moses, Recreation, NWS Representative  
Troy McKelvey, Recreation Alt.  
Judy Surber, City of Port Townsend  
Neil Harrington, Tribal

**Absent:**

Emily Bishop, District 1  
Andrew Palmer, District 2  
Steve Tucker, *ex officio*, Port of Port Townsend  
Sam Gibboney, Port of Port Townsend Alt.  
Gordon King, Commercial Interest  
Nam Siu, Marine Science  
Kate Dean, *ex officio*, BOCC

**Guests:**

**Staff:**

Cheryl Lowe, Coordinator  
Robert Simmons, WSU Faculty

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
CALL TO ORDER GUEST INTRODUCTIONS	Wade Crouch called the meeting to order at 6:06 PM. There were no guests present and thus no introductions. Cheryl reminded members to use the electronic reporting forms for volunteer hours. Be sure to include Annual conference and monthly meeting hours and include travel hours, too. If you have problems, contact Cheryl.	A quorum was present.	All members – please sign in. Report volunteer hours on electronic forms.
AMENDMENTS TO/APPROVAL OF AGENDA APPROVAL OF MINUTES	Wade asked for amendments to the agenda. It was noted that Kate Dean would not be in attendance.  Wade asked for amendments to/approval of the November Minutes.	Ashley Mackenzie moved to approve the agenda as amended. Second by Dale Moses. Approved as amended.  Dale Moses moved to approve the minutes as is. Neil Harrington seconded. Motion passed unanimously.	
PUBLIC COMMENT	None.		
BoCC REPORT	<b>BoCC report:</b> Kate Dean was unable to attend. Cheryl and Dale noted that several members met with Kate for about 1.5 hours to discuss membership representation and partnerships with County departments. Kate suggested partnering with County Planning and Public Works and County Parks. The MRC already has a good relationship with Jefferson County Health. In re: advisory role, Kate suggested input on critical areas ordinance update and marine spatial planning (MSP). Bob will send Tami Pokorny's PowerPoint presentation on MSP to the group - but it is outside of this MRCs geographic area. Kate also suggested MRC attendance at the HCCC and Straits ERN meetings. SMP update was also mentioned. Judy Surber noted that the MRC will be key to SMP updates.	Bob will route Tami Pokorny's PowerPoint presentation on MSP to the group. Cheryl to add upcoming HCCC and Strait ERN Meetings to the bottom of agendas.	
ADMINISTRA- TIVE	<b>Nominating Committee</b> (Dale, Cheryl, and Emily) - Proposed slate: Ashley and Jackie as co-chairs. Jeff Taylor as NWS Rep and Sarah Fisksen as NWS Alt. Wade called for additional nominations from the floor? Being none - Motion to approve. <b>5-Year Priority Projects Discussion</b> – Cheryl provided a handout which revisits the 2013 Strategic Plan. She led the group through a brainstorming session. Thoughts that initiate with NWSC included: Catch more crab, ocean acidification, side scan sonar for eelgrass. Net pens. Kelp. Social media. Jackie reminded us to include outcomes/what is success/measurable results for each. Cheryl led the group through four categories	Dale Moses moved to approve the slate. Second by Shannon Davis. Motion passed unanimously.	

	<p>(Shoreline &amp; Nearshore Protection/Restoration; Water Quality; Marine Species and Habitat Protection/Restoration; and Education, Outreach &amp; Engagement) and members suggested potential new goals/modification of existing. Cheryl will rewrite with this input and bring it back to the January meeting for rating as high, medium or low priorities. Shannon, Judy, and Ashley are to help Cheryl with wording.</p> <p>Cheryl was asked to get an update on Point Hudson jetty/artificial reef proposal.</p> <p><b>NTA update -(Cheryl, Bob)</b> -Bob gave overview: PSP now calling for NTAs for the next 4 years (2018-2022). Pre-proposal deadline 12/22 with a more refined proposal due 2/6/18 and final in March. PSP Leadership Council will adopt final in Dec 2018. There may or may not be the opportunity to update 2018-2022. Cheryl added: MRC partnering with NWSF on four NTAs: 1) SHARP shoreline restoration work. 2) Monitoring sites before and after restoration projects; 3) Seal Rock campground proposal for removal of 1200 feet of armoring; 4) Discovery Bay proposal for private landowner armor removal.</p> <p>Cheryl and Bob working together on a WSU NTA - outreach on rural stormwater management.</p> <p>NWSC suggested we not submit an Olympia Oyster NTA because it is not likely to rate high in PSP Action agenda. Focus efforts elsewhere.</p> <p>At the meeting convened by Bob this morning - attendees discussed partnering opportunities (e.g. Dosewallips with JCPH).</p>	<p>Cheryl will rewrite with this input and bring it back to the January meeting. Shannon, Judy, and Ashley are to help Cheryl with wording.</p> <p>Cheryl to get an update on Point Hudson jetty/artificial reef proposal.</p>	
Current and Upcoming Projects	<p><b>Olympia Oyster</b> (Neil)</p> <p>1) Quilcene Bay test plots require a bit more study but look hopeful.</p> <p>2) Discovery Bay cultch placement 2014 and 2015 - looks amazing. Neil described conditions and opportunities of various spots near lagoon off 101, across from Snug Harbor. Neil has been coordinating with Brady Blake, Chris Eardley and Gordon King. Gordon has agreed to donate cultch.</p> <p>Neil presented an overview of a proposed 2018-2020 workplan which includes Discovery Bay, Quilcene Bay and Kilisut Harbor. He envisions a permit application that covers all three locations at once. Ashley offered to help coordinate access to Indian Island.</p> <p><b>Mussel Watch</b> (Anna) - Al, Emily and Troy went out Friday night to place the cage near the Worldmark Resort. Al filmed. Unfortunately, the WDFW iPhone monitoring app did not work 100% but has potential.</p> <p><b>Outreach</b> (Cheryl) - She's helping PTMSC, USGS, and UW team with a Citizen Science Summit for January. Obstacles and opportunities. Each of the MRC Coordinators were invited to attend. Funded with a PTMSC grant.</p> <p>Cheryl also reported collaboration on Ocean Acidification teaching the teachers in partnership with the Maritime Discovery Program with PTSD—new B-WET grant being submitted by MDP for next year.</p> <p><b>Fort Townsend</b> (Cheryl) - Hope to jump start native vegetation by planting dune grass plugs in March 2018. Lisa can get plants – members were asked to consider donating funds for plugs.</p> <p><b>Derelict Boat</b> (Wade) - Per DNR, a boat is derelict if anchored in the wrong place for more than 30 days. He's organizing a small group of interested people to act as a catalyst including Port and DNR. If we pull a boat, where does it go? If you are interested sign up with Wade. Jackie and Sarah asked to be added. Effort is outside of MRC at this phase.</p> <p><b>NWS Foundation Projects:</b></p> <p>Shoreline Landowner update (Cheryl) – NWSF has completed an estimated 10-12 site visits as part of the SHARP program. She will bring more details at a future meeting.</p>	<p>Cheryl will bring more details at a future meeting.</p>	
Recent Meetings Report	<p><b>HCCC &amp; Strait ERN NTA workshops</b> - Previously discussed. Thanks to those members who have been attending.</p> <p><b>NWSC</b> – No report. Dale was impressed by the Webinar on Kelp that Cheryl had forwarded. Cheryl to forward follow-up info to others.</p>	<p>Cheryl to forward info re: Webinar on Kelp.</p>	
Public Comment	None.		
MRC Roundtable/Announcements	Shannon – Encouraged members, in the spirit of giving, support the NWSF.		
ADJOURNMENT	Meeting was adjourned at 8:00 PM	Shannon Davis moved to adjourn. Seconded by Ashley Mackenzie.	