

**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	BoCC report: 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	Storm Surges, King Tides & Citizen Science Monitoring - (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: http://www.nws.noaa.gov/mdl/etsurge/</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. What you can do: Website: King Tides Project You can add your name to the King Tide email list wilkinsonwx@gmail.com 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>Mussel Watch & 2018 budget - 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>Wooden Boat Festival - Cheryl passed around sign-up sheet to staff the booth. She gave an overview of the booth display and "Passport to Adventure".</p> <p>Eelgrass multi-beam sonar sites for Jefferson County – 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>Oly Oyster Discovery Bay - 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>Outreach - WBF, PTSD 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>No Anchor Zones - 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>Rain Gardens – 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>Fort Townsend SP Monitoring continues.</p> <p>Kelp Monitoring (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>Derelict Boats – (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>Tidal Energy Seminar - 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>NWSC August (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		