

FINAL MEETING AGENDA

January 8, 2018

5:30 p.m. – 7:30 p.m.



Commissioners' Large Meeting Room

223 East 4th Street
Port Angeles, WA



For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 FY 2017-18 Workplan

The members will finalize the 2017-18 workplan to be submitted to NWSC January 10, 2018.

5:55 FY 2017-18 Educational Outreach Plan

The members will finalize the 2017-18 educational outreach plan to be submitted to NWSC January 10, 2018.

6:15 2018 NWSF Opportunity Fund

The RPF will be released January, 2018 with a due date for the proposals 60 days later. The members will discuss possible project including resubmitting the request for funding for the pigeon guillemot coordinator (joint project with Island MRC).

6:40 NTA Submittal

Ed Bowlby and Helle Andersen will provide a summary of the NTAs submitted by CMRC and the NWSC.

6:55 NWSC Update

Alan Clark will provide an update on the Commission incl. the plan for replacing Rich Childers.

7:00 Project Updates

Educational Outreach – Jeff Ward will provide an update on the oil spill webinar planning.

Forage Fish Monitoring – Ed Bowlby will provide an update of the sampling effort and results to date.

Oil Spill Preparedness – Arnold Schouten will provide an update on the planned oiled wildlife and HAZWOPER trainings.

Olympia Oyster Restoration – Lyn Muench will provide an update on the current restoration efforts.

Elwha Beach – Arnold Schouten will provide an update on the Sanikan, dog waste disposal can and sign installations.

7:15 Good of the Order

Update of the Clallam MRC strategic plan

Move next meeting which falls on President's Day to February 12 or 26?

7:25 Public Comment

7:30 Adjourn

2018 Meetings	April 16	July 16	October 15
February TBD	May 21	August 20	November 19
March 19	June 18	September 17	December 17

CLALLAM COUNTY
MARINE RESOURCES COMMITTEE

Minutes

Date: Monday January 8, 2018

Time: 5:30 – 7:30 pm

Location: Commissioners' Large Conference Room

Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

P Bob Vreeland	P Robert Knapp	P Arnold Schouten	P Mike McHenry	Brad Collins
P Kathy Cooper	P Jeff Ward	P Mike Doherty	P Ann Soule	Jesse Waknitz
P Lyn Muench	P Alan Clark	P Ed Bowlby	P Chris Burns	Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Lucas Hart, NWSC Project Manager; Cathy Lear, Clallam MRC Coordinator; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

During the introductions Robert Knapp and Chris Burns from Jamestown S'Klallam Tribe informed the MRC members that they would be sharing the role of representing the Jamestown Tribe. At the same time it was announced that Bob Campbell, due to health issues, had resigned from the MRC and the position is now open. *Jeff Ward suggested that a letter should be written to thank both Bob and Ralph Riccio for their time and contributions to the Clallam MRC. He also suggested that two cards should be purchased by next MRC meeting for the members to sign.* Jeff has contacted Albert Foster to see if he would be interested in joining the Clallam MRC. Jeff encouraged the members to identify other potential candidates and let them know about the opening.

Public Comment/Approval of Minutes

No public comment. The November minutes were approved.

FY 2017-18 Workplan

The draft workplan was reviewed at the November meeting and only one addition, finding a lead for the crabber outreach, was needed to make the workplan final and ready for submittal January 10, 2018. Ann Soule suggested that Peggy McClure may be interested in being the lead supported by Don Hatler and the MRC project coordinator. In her absent she was included in the workplan as the lead for the crabber outreach.

During the workplan discussion two other topics were brought up. Ed Bowlby informed the group that during the MRC conference he had a conversation with Micah Horwith from DNR about measuring water quality parameters near Olympia oyster beds as part of their ocean acidification project. DNR has the instrument and is looking for a suitable location and partner. Ed was wondering if Jamestown Tribe would be interested. Robert Knapp said that the Jamestown Tribe has been contemplating buying an instrument to measure WQ parameters near their geoduck farm because the geoducks were not growing as fast as expected. *At the end of the discussion it was decided that Ed should follow up with DNR and let Robert Knapp and Chris Burns know about the outcome.*

Lyn Muench asked why the bioxin sampling was not part of the workplan. The explanation is that the 2017-18 proposal was written and submitted to the NWSC before the biotoxin sampling got underway in the early summer of 2017. The project could be included into the workplan but that would require an amendment to the current contract. Because the amendment process is very laborious and slow it was suggested to include the biotoxin project in the proposal for 2018-19. This proposal is expected to be due in April or May 2018.

FY2017-18 Educational Outreach Plan

Similar to the workplan the final education outreach plan was due January 10, 2018. The draft version, distributed among the members, outlined the different categories from public forum, trainings to school program and with the current planned events listed including proposed dates. In reviewing the draft plan the members came up with several proposals. The proposal included:

- Hosting a citizen science volunteer recruitment event with information on Clallam MRC projects, food and maybe a speaker or a film to attract the local residents. Any cost associated with the event could be covered by NWSF. *Jeff Ward suggested that he and Helle Andersen should start working on a rack card summarizing the projects.*
- For the big name event category Arnold Schouten suggested asking George Divoky to give a presentation about the Black Pigeon Guillemots and his work spanning 43 years on Cooper Island. His talk at Port Townsend in 2017 was packed.
- Host an event focusing on the President Trump proposal of opening up the coast of Oregon and Washington to offshore oil and gas drilling. The event could be co-hosted by other MRCs including the coastal MRCs.
- Host an event which gives a high ranked elected official the opportunity to thank the community and all the volunteers for the environmental work they have carried out the last year. Invite environmental organizations from the Olympic Peninsula to staff tables displaying the work they are doing thereby giving them an opportunity to reach out to community members and potentially gain new volunteers.

The educational outreach plan will be revised to include these suggestions before being submitted January 10th.

2018 NWSF Opportunity Fund

In anticipation of the release of the 2018 NWSF Opportunity Fund RFP the members discussed different potential projects to be included in the proposal. Ed Bowlby advocated expanding the pigeon guillemot project with more sites and was interested in having an intern helping out with coordinating the volunteers and managing the data. Ed thought that Island MRC would continue their pigeon guillemot monitoring and may be interested in pursuing funding for a coordinator similar to last year.

Jeff Ward suggested that Clallam MRC perform educational outreach to crabbers similar to last year and include funding of a longer-termed intern in the proposal. Another suggestion was to include the citizen science outreach event in the proposal.

As soon as the RFP becomes available it will be forwarded to the members. Caroline Gibson, NWSF Executive Director, has mentioned that the proposed deadline for the proposals is 60 days after the release of the RFP. *The RFP became available January 8th during the MRC meeting and the deadline is February 28, 2018 (giving us 50 days). The RFP was forwarded to the members January 9th.*

NTA Submittal

Ed Bowlby gave the members a summary of the oil spill related NTA that John Cambalik registered December 22, 2017. The intent of the NTA is to have a person from the Strait at the “big boys table” during oil spill planning events. John Cambalik will be the main person at these meeting and Ed Bowlby, Mike Doherty and Jeff Ward will be alternates in case John can't make it.

Clallam MRC reregistered the “oil spill trainings to increase preparedness of the local community” NTA. In addition, Clallam MRC is included as partner in a NTA, registered by NWSF, which focuses on educating landowners about armoring. Helle Andersen has been in conversation with Chrys Bertolotto from Snohomish WSU and they are planning to submit an NTA as an extension of the “model volunteer program for oil spill response/assessment” NTA they submitted in 2016. The model volunteer program was funded and the current NTA will include trying out the program in other locations of which Clallam County would be one.

Lucas Hart informed the member the NWSC did not register any NTAs because the current projects do not line up well with the Puget Sound Partnership's priorities. The NWSF has registered two regional and four local NTAs – all focused on armor removal and prevention.

Robert Knapp informed the members that Jamestown S'Klallam Tribe has registered several NTAs as a way to increase the odds of funding from other sources than the Puget Sound Partnership program by being on the Action Agenda.

NWSC Update

Lucas Hart gave a brief summary of the hiring process for the new Executive Director. The announcement will go out in the next week and will be posted for 2-4 weeks. There will be two rounds of interviews and it is expected that the decision will be made and the new Executive Director hired by late March/April. The staff and commission members will fill in during the transition period between Rich Childers leaving January 15th and the new hire. Lucas also mentioned that the NWSF is in the process of hiring a Development Director.

Alan Clark and Lucas provided these additional highlights:

- The committee is working on a strategy to a secure long-term funding in the 2019 state legislative session.
- The Governor's office will be announcing the formation of an Orca Task Force in early January 2018 - Sheida Sahandy is currently involved and would like to see the NWSC involved. The Governor is announcing a Maritime Innovation Task Force on December 12 - Sheida Sahandy will represent the PSP on this task force that is looking at fostering innovations and employment in the maritime sector.
- The Science Advisory Committee has recommended using the ecosystem project funds to support a temporary Ecosystem Coordinator position, which will support the Net Ecosystem Improvement project. Lucas is working with the Committee to develop a position description.
- NWSC is working on identifying ways to measure how the work the MRCs are doing contributes to the Puget Sound recovery.
- Lucas is planning a kelp recovery team workshop on March 20 in Seattle. The workshop will include Helen Berry, DNR, who will give a summary of the status of kelp in Puget Sound. The workshop will be held at Sandpoint and space may become an issue because the room only holds 20 people. The kelp condition assessment has been dropped after extensive talks with Helen and Tom Mumford. Instead Helen will go out with the MRCs in 2018 to see what useful matrices could be collected.
- #CatchMoreCrab2017: All seven MRCs participated in the 2017 catch more crab outreach campaign. Survey results showed that just over two-thirds of respondents changed one or more crabbing actions as a result of the campaign.
- 2018 MRC Conference is the 20-year anniversary of the Northwest Straits Initiative. The MRC Conference is scheduled for November 16-17, 2018 and will be held at Fort Worden in Port Townsend. Sasha Horst is looking for ideas on how to showcase our work and celebrate this milestone year.

Project Updates

Educational Outreach: Jeff Ward briefly summarized the effort to organize an oil spill webinar with Linda Pilkey Jarvis from the Department of Ecology. The webinar will take place in February 2018 depending on Jarvis' schedule.

Forage Fish Monitoring: Ed Bowlby informed the members that during the 15 months of monitoring at the two index sites we have still to find the first egg. Similarly the monitoring effort at Ediz Hook and Elwha Beach has to date not found any eggs. Based on conversations with Lucas Hart and staff from other MRCs it has been decided to continue the sampling effort at the index sites for a total of 18 months at which point new locations may be identified in collaboration with WDFW. Helle Andersen

pointed out that during the extensive sampling effort in 2017 Clallam MRC found eggs at Cline Spit (a new potential index site).

Oil Spill Preparedness: The annual HAZWOPER training will be held February 10 in Port Angeles City Council Chambers. Surfriders will provide the refreshments and Clallam MRC will help hosting the workshop. *Dates are currently being identified and the facility at the county fairgrounds reserved for the two oiled wildlife trainings. The members will be informed about the dates as soon as they have been finalized.*

Olympia Oyster Restoration: Lyn Muench suggested that Clallam MRC should check the two pilot plots at Cline Spit installed last fall. A good time is coming up March 31st. Lyn will talk with Chris Burns and Liz Tobin from Jamestown Tribe about participating in the effort. In September Liz Tobin performed the population assessment in Blyn and Chris Burns told the members that at that point additional clean shells were spread at the site. Chris also asked about Olympia oyster restoration in Washington Harbor. The members filled him in on the unsuccessful attempt in 2016, but all agreed that maybe it was time again to approach the landowners. *Chris will reach out to the Burrowes.*

Elwha Beach: Arnold Schouten told the members that the new Sanikan and dog waste disposal bin were installed at the West Elwha Beach December 29th. On Thursday January 11 Arnold, Jeff Ward, Helle Andersen and Chuck Janda will install the new large sign at the trail head. Chuck is working for Malcom Dudley the owner of the access point to the beach.

Biotoxin Monitoring: Lyn Muench shared a map showing the monitoring sectors in the Strait of Juan de Fuca established by Department of Health. The Pillar Point monitoring site covers a large sector and continuing the effort is therefore important. When all of the Strait of Juan de Fuca sites are being monitored on their regular schedule, DOH has a good representation of what biotoxin levels are within the Strait and they are therefore not looking for any further sample sites. DOH and CCEH are interested in talking with Clallam MRC about last year's results and the upcoming monitoring season. *A suggestion was made that maybe DOH or somebody from CCEH could talk at the next MRC meeting. Helle Andersen will look into this possibility.*

Good of the Order

Update of Clallam MRC strategic plan: The last strategic plan was written for 2013-18 and Clallam MRC's work has changed quite a lot. Jeff Ward suggested at the next meeting a subcommittee be formed to take on the task of writing the strategic plan for 2019-2023.

February Meeting: The third Monday in February is President Day. The members decided to move the meeting to February 26th.

Net Pen Meeting: Sen. Kevin Van De Wege and Rep. Mike Chapman will discuss legislation dealing with Atlantic salmon net pens at a meeting in Sequim. The meeting is set from 4 pm to 5 pm. Friday, Jan. 19 at the Sequim City Transit Center, 190 W. Cedar St.

BioBase EcoSound Demo: Jeff Ward informed the members that Ray Valley, a BioBase associate, will be hosting a conference call this Friday, January 12, to discuss the technology and answer questions. The call begins at 11:30 am. Last summer, Albert Foster and Jeff tried out the BioBase technology to map eelgrass beds in Port Angeles Harbor.

Climate Change Lecture: Sea-Level Rise's Impact on Humans and Habitat in the Salish Sea by Eric E. Grossman, Research Geologist at U.S. Geological Survey. Sunday January 14 at 3 pm in Fort Worden Chapel in Port Townsend. Admission: \$5.

Orca Add in Seattle Times: Mike Doherty shared an ad in Seattle Times about Orcas and the removal of the dams on Snake River.

Public Comment

None

Adjourn

The meeting adjourned at 7:35 pm.

MEETING AGENDA
February 26, 2018
5:30 p.m. – 7:30 p.m.



Commissioners' Large Meeting Room

223 East 4th Street
Port Angeles, WA



For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 Oil Spill Related NTAs

John Cambalik will come and talk with the Clallam MRC members about oil spill related NTAs.

6:10 2018 NWSF Opportunity Fund

The members will discuss and finalize Clallam MRC's proposal which is due February 28th.

6:30 2018 Summer Intern Program

The members will decide which projects should be included in the 2018 program. Advertising will commence in early April and an application review committee will be formed at the April 16 MRC meeting.

7:00 NWSC Update

Alan Clark will provide an update on the hiring process of the Executive Director and other current topics.

7:05 Website Update

Helle Andersen will provide an update on Clallam MRC's new website.

7:10 Project Updates

Oil Spill Preparedness – Arnold Schouten will provide an update on the 2018 HAZWOPER training and the planned oiled wildlife trainings. Jeff Ward will talk about the upcoming webinar: Staying Prepared in an Evolving World of Oil Movement.

Elwha Beach – Arnold Schouten will provide an update on the Sanikan, dog waste disposal can and sign installations.

Biotoxin – Jeff Ward will give a summary of the meeting with CCEH and DOH February 7th.

7:20 Good of the Order

7:25 Public Comment

7:30 Adjourn

2018 Meetings

March 19

April 16

May 21

June 18

July 16

August 20

September 17

October 15

November 19

December 17

CLALLAM COUNTY
MARINE RESOURCES COMMITTEE

Minutes

Date: Monday February 26, 2018

Time: 5:30 – 7:30 pm

Location: Commissioners' Large Conference Room

Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

P Bob Vreeland	Robert Knapp	P Arnold Schouten	Mike McHenry	P Sissi Bruch
P Kathy Cooper	P Jeff Ward	P Mike Doherty	P Ann Soule	Jesse Waknitz
P Lyn Muench	P Alan Clark	P Ed Bowlby	Chris Burns	Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Jim Moran, City of Port Angeles Alternate; Debbie Schouten, private citizen; Albert Foster, private citizen; Adrienne Akmajian, Makah Tribe Biologist; Cathy Lear, Clallam MRC Coordinator; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

During the introductions Sissi Bruch and Jim Moran informed the MRC members that they would be sharing the role of representing the City of Port Angeles. At the same time thank you cards for Bob Campbell, Ralph Riccio and Brad Collins were signed by the members.

Public Comment/Approval of Minutes

No public comment. The January minutes were approved.

2018 NWSF Opportunity Fund

Jeff Ward and Helle Andersen provided a summary of the 2018 NWSF Opportunity Fund and Clallam MRC's crabber outreach proposal to be submitted in early March. The Opportunity Fund provides up to \$10K to each of the seven MRCs. Review criteria are as follows: MRCs should demonstrate the ability to engage volunteers in the community through the proposed project. Funds cannot be used as pass-through to partnering organizations. Priority will be given to activities that: 1) demonstrate meaningful connection to marine conservation and restoration; 2) involve/collaborate with at least one other MRC; and 3) leverage additional resources (cash, in-kind support, and/or volunteer hours). The Clallam MRC proposal builds on the success of last year's crabber outreach internships and seeks funding for two crabber outreach internships in 2018. The two internships will consist of one longer-term internship and one summer internship. The main objective of the internships will be educational outreach to recreational crabbers in Clallam County. The longer-term intern will lead the coordination of the outreach events at county boat ramps, instruct the educational outreach summer intern, and assemble crabber kits similar to the 2017 kits to be handed out during the events. Clallam MRC will collaborate with Jefferson MRC who will also conduct educational outreach to crabbers in 2018. *The Clallam members decided to submit the proposal to the NWSF.*

Oil Spill related NTAs

John Cambalik started his talk with an introduction to the Puget Sound Recovery Plan and how the goal for the Near Term Actions (NTAs) currently being developed is to be included on the Action Agenda for the next 4 years. Organizations within the Strait LIO/ERN are working on 68 NTAs to be submitted March 30th and total for the Puget Sound area about 800 NTAs are in the works to be submitted. Because of several new Clallam MRC members John also provided a summary of the Strait LIO/ERN. About 30-40 organizations participate in the LIO/ERN and the group has quarterly informal meetings. The LIO/ERN steering group consists of seven members including Rep. Steve Tharinger, Commissioner Kate Dean, Jamestown's Natural Resources Director Hansi Hall and four

other members. In addition the LIO/ERN has a technical task force of which both Jeff Ward and Cathy Lear are members. John Cambalik is contracted through Jamestown as the LIO/ERN coordinator.

John primarily came to the meeting to ask the Clallam MRC to support two NTAs: the "Vessel Traffic Oil Spill Risk Consequences - Phase 2" to be submitted by San Juan County and the "Strait Oil Spill Prevention, Preparedness, and Response: Regional Collaboration and Involvement" to be submitted by John Cambalik through his company Strait and Sound Environmental Inc. *After a short discussion of the first NTA it was decided that Clallam MRC should contact Martha Green, the LIO Coordinator for the San Juan, and ask what would be best way to support the NTA; with an email or a letter of support.* John provided the following more detailed information about the second NTA. The NTA will span four years and has two main components 1) ensuring the Strait LIO/ERN being represented on the appropriate regional oil spill organization and 2) reviewing 12 local plans pertaining to oil spill response. Jeff Ward, Ed Bowlby and Mike Doherty have agreed to be part of the group representing the Strait LIO/ERN on the regional oil spill organization and John Cambalik and Dave Shreffler will conduct the review of the plans. The LIO/ERN steering group will be the decision maker. John asked for a support letter from the Clallam MRC and permission to include the MRC as a formal partner. *The members agreed to provide a letter of support and being a formal partner.*

During the discussion Jeff Ward provided a brief summary of the NTA that Clallam MRC will be submitting. This NTA will double our HAZWOPER and oiled wildlife trainings and expand the geographic area where these trainings takes place to include Jefferson County. *Sissi Bruch suggested that Clallam MRC reaches out to high school students to encourage their participation in the oiled wildlife training.*

2018 Summer Intern Program

Adrienne Akmajian, Makah Tribe biologist, started the intern program discussion by describing the upcoming green crab internship to be funded by Clallam MRC through the 2017 Opportunity Fund. Approximately \$1,400 remained after completion of the crabber outreach internship September 2017 and after the October 2017 MRC meeting in Neah Bay the members decided to use the money to help out the Makah Tribe in their upcoming efforts to eradicate the invasive green crab on tribal land discovered during surveys in 2017. The 2018 green crab internship will target students or youth living in the Neah Bay area. Adrienne had already identified several potential candidates. The duration of the internship will be 92 hours and similar to the Clallam MRC summer intern program the internship will conclude with a presentation probably given both in Neah Bay and at the Intern Celebration in Port Angeles. Adrienne has had some questions and concerns about how the internship would be managed and how liability would be covered. However, after receiving the 2017 crabber outreach contract and talking with Caroline Gibson, NWSF, her questions and concerns had been addressed. She plans to advertise the position in April and hire a student by end of May.

Jeff Ward and Helle Andersen went through the list of potential projects for the 2018 summer internships. The projects include kelp monitoring, West Elwha Beach usage surveys and educational outreach, pigeon guillemot monitoring and shellfish biotoxin monitoring at Pillar Point. Last year the students were paid \$15/hr for 80 hours. Jeff pointed out that last year an intern dropped out of the program because she had "overbooked" herself to supplement the 80 hours provided by Clallam MRC with other internships and that a possibility would be to offer a fewer number of students more hours. *After a discussion the Clallam MRC members decided to offer three paid internships of 100 hours to work on the kelp, West Elwha Beach and pigeon guillemot projects. The members with help from volunteers will conduct the biotoxin sampling at Pillar Point. Helle will write up the final descriptions of the three 2018 summer internships to be finalized at the next MRC meeting March 19th.*

NWSC Update

Alan Clark covered several topics in the NWSC update. The final review of the 2-4 finalists for the Executive Director position is expected to be completed by March 30th. The NWSC is currently hiring a temporary ecosystem coordinator. Jeff and Alan will be going to the NWSC retreat March 1-3. Lucas

Hart has organized a kelp workshop to be held in Seattle March 20th; because space is limited only one member from each MRC can participate. The MRC Conference to be held November 16-17 at Fort Worden will celebrate the 20th anniversary of the NWSI. *If you are interested in helping out with the planning of the celebration and event please contact Sasha Horst.*

Website Update

Helle Andersen provided a brief update on the website update. Clallam MRC's website is getting a little outdated and the NWSC has decided to update it so that it will be similar to several of the other MRCs including Jefferson MRC. The update should be completed by March 5th. In connection with the update new pictures are needed of several of the members because the old pictures are of poor quality. *Ann Soule suggested that the members remember to take pictures and video of MRC events.*

Project Updates

Oil Spill Preparedness: The annual HAZWOPER training was held February 10 in Port Angeles City Council Chambers. A total of 33 volunteers participated in the training. The format of the training was greatly improved as it was changed to a classroom experience based on a fictional oil spill near Victoria B.C. Jeff Ward explained to the members that the month of March 2018 had been declared oil spill preparedness month because the Clallam MRC has three oil spill related events in that month and he asked if they would support having the Clallam County Commissioners issue a proclamation to that effect. *The members supported the proclamation.*

Elwha Beach: Helle Andersen told the members that during visits to Elwha Beach to ensure that bags are in the dog waste bag dispenser surveys of dog poops along the 300 yard dike road usually pick up between 25-28 poops weighing in around 4.5 lbs.

Good of the Order

Replacement of Clallam MRC Officials: With Brad Collins and Bob Campbell leaving the Clallam MRC Jeff Ward asked for two volunteers to fill the Vice-Chair and NWSC Alternate positions until the annual election in May. Sissi Bruch volunteered to take over the position as Vice-Chair and Jeff Ward volunteered to be the NWSC Alternate.

Olympia Oyster Field Trip: *On Thursday April 3rd at 2:15 pm Lyn Muench and Jamestown biologists will visit the two test plots at Cline Spit to look at survival rates. All Clallam MRC members are welcome to join.*

Off-Shore Oil Drilling Proposal: Arnold Schouten asked if the Clallam MRC would consider supporting a resolution opposing the proposed off shore oil drilling. MRCs along the outer coast have all supported the resolution. Jeff Ward suggested the Clallam MRC waited to see if the three Clallam County Commissioners will sign the resolution tomorrow. The outcome of the vote would make it easier for the MRC members to decide what to do.

John Gussman Drone Film: Bob Vreeland had recently seen a drone presentation by John Gussman and he was quite impressed with the presentation and the possibilities drones could offer the MRC. *He suggested that the Clallam MRC ask John Gussman to present at one of our meetings.* In that connection Albert Foster pointed out that we could purchase and promote the film "the Return of the River" in potential exchange for drone work.

Members Leaving the Clallam MRC: Brad Collins, one of three members leaving the MRC, was present at the meeting and at the end of the meeting Jeff Ward gave him a certificate of appreciation, a signed thank you letter from Clallam MRC and a farewell card signed by the MRC members. Jeff thanked Brad for his 13 years' of service to the MRC.

Public Comment

None

Adjourn

The meeting adjourned at 7:35 pm.

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March 19, 2018
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5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 Drone Presentation

John Gussman will give a presentation on his current work filming with drones.

6:40 2018 Summer Intern Program

The members will finalize the positions to be included in the 2018 summer intern program.

6:50 2019-2024 Draft Proposal National Oil and Gas Leasing Program

The members will discuss sending a statement as a follow-up to the BOCC resolution against program sent to the Bureau of Ocean Energy Management February 27, 2018.

7:00 NTA submittal

The members will finalize Clallam MRC's NTA proposal to be submitted by March 30, 2018.

7:05 NWSC Update

Alan Clark will provide an update on the NWSC retreat and other current topics.

7:10 Project Updates

Oil Spill Preparedness – Arnold Schouten and Jeff Ward will provide an update including the proclamation of March 2018 as the oil spill preparedness month.

Forage Fish Monitoring – Ed Bowlby will provide a summary of current effort and about the proposed new stations.

Shellfish Biotoxin – Kathy Copper and Bob Vreeland will give an update on the upcoming sampling season.

7:20 Good of the Order

7:25 Public Comment

7:30 Adjourn

2018 Meetings

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May 21
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CLALLAM COUNTY

MARINE RESOURCES COMMITTEE

Minutes

Date: Monday March 19, 2018

Time: 5:30 – 7:30 pm

Location: Commissioners' Large Conference Room

Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

P Bob Vreeland	P Robert Knapp	P Arnold Schouten	E Mike McHenry	P Sissi Bruch
P Kathy Cooper	P Jeff Ward	P Mike Doherty	P Ann Soule	Jesse Waknitz
E Lyn Muench	E Alan Clark	P Ed Bowlby	P Chris Burns	Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Jim Moran, City of Port Angeles Alternate; Peggy McClure, City of Sequim Alternate; John Gussman, presenter; Cathy Lear, Clallam MRC Coordinator; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

None

Public Comment/Approval of Minutes

No public comment. The February minutes were approved as amended.

John Gussman Drone Presentation

John Gussman became interested in photography as a means to share the natural beauty of the places he travelled. After getting a degree in photography, he began working full time in 1973 as a staff photographer for a newspaper in San Francisco. In 1979 John moved to Washington State and in 1982 John began his own business, Doubleclick Productions. One of his most rewarding projects was making "Return of the River", a feature length documentary about the Elwha River dam. The project took 4 years to complete and with the help of his partner Jessica Plumb, John produced an award winning film shown worldwide. For the last few years John has worked quite extensively using UAV drones for both still pictures and video, as well as aerial mapping work. He is FAA licensed and is insured to fly any commercial application for clients. John gave a summary of the different drones he has used through the years and what is currently on the market – from a "make it yourself" version costing around \$10K in 2012 to present day state of the art drones. Currently, John is using a Phantom #3 drone which comes with a wide angle camera. John showed examples of his aerial still pictures, aerial mapping and films taken with the drone. Surveying 40-50 acres for aerial mapping takes about 10 min to do. One of the latest short films John has made is "the Return of the Kings" which is available online. The last part of the presentation was a discussion of potential Clallam MRC projects using a drone. Possibilities included surveys of the kelp beds, surveys of kelp beds or eelgrass beds using thermal heat or chlorophyll a cameras and Elwha Beach people count for the usage surveys. John pointed out that his current set-up is not suitable for work with birds because of the wide angle camera. The presentation included a brief demo of flying the drone. At the end of the presentation Sissi Bruch mentioned that Monday evening once a month people can fly their own drones outside the Vern Burton Center in Port Angeles.

2018 Summer Intern Program

Since the last MRC meeting in February Jamestown Tribe contacted the Clallam MRC to inquire about the possibility of an MRC intern helping Neil Harrington out with the upcoming green crab monitoring effort. Based on this request the Clallam MRC members were asked to select between two internship program options: 1) Hire three summer interns for 100 hours @ \$15/hr to be completed

between Monday June 18 and Monday August 20, 2018. The intern projects would be kelp bed monitoring, west Elwha Beach stewardship, and pigeon guillemot monitoring 2) Hire four summer interns for 80 hours @ \$15/hr to be completed between Monday June 18 and Monday August 20, 2018. The intern projects would be green crab trapping, kelp bed monitoring, west Elwha Beach stewardship, and pigeon guillemot monitoring. The Clallam MRC members selected the second option. *The following members volunteered to be part of a subcommittee to review the intern applications: Arnold Schouten, Alan Clark, Ed Bowlby and Jeff Ward.*

2019-2024 Draft Proposal for the National Oil and Gas Leasing Program

On February 27, the Board of County Commissioners sent a resolution to the Bureau of Ocean Energy Management against the 2019-2024 Draft Proposal for the National Oil and Gas Leasing Program. The outcome of a discussion of what the Clallam MRC should do in connection with the resolution was to send a letter of support to the County Commissioners. The letter should thank the commissioners for their work on the national oil and gas leasing program and then list two of three other current important maritime issues. Jeff Ward suggested running the issues by the NWSC so that Clallam MRC does not get ahead of the Commission. *The following members volunteered to be part of a subcommittee writing the draft letter: Ed Bowlby, Mike Doherty, Robert Knapp, Sissi Bruch and Jeff Ward.*

NTA Submittal

Helle Andersen gave a brief summary of the NTA process. The draft oil spill preparedness NTA received a total score of 3 out of 4 by the local LIO reviewers. In their comments the reviewers provided feed-back on how to improve the NTA. *Helle will revise the NTA accordingly and submit it to Puget Sound partnership by the March 30, 2018 deadline.*

NWSC Update

Jeff Ward gave a brief summary of the NWSC retreat held in La Connor. One of the biggest topics on the retreat was the potential of receiving no money through the National Estuary Program for FY18-19. Other funding sources were discussion of which the NWSF was identified as the best. Tarrell Kullaway, has been hired as the Director of Philanthropy for the NWSF. She has an excellent background increasing the funding for Cascade Bicycle Club. Tarrell will come to the Clallam MRC meeting May 21st to brainstorm on ways to increase funding for the MRCs. At the MRC Conference in November the NWSC will celebrate the 20 year anniversary of the Initiative. Jeff suggested that the Clallam MRC should look for financial support from 20 local businesses by 2019 as a way to celebrate the 20 year anniversary of the Clallam MRC.

Project Updates

Oil Spill Preparedness: March 6th the County Commissioners issue a proclamation announcing March 2018 as the oil spill preparedness month. Jeff Ward received the proclamation and gave a short thank you speech which was shown on the local TV station. March 24th and 31st IOSA and Clallam MRC will host the annual oiled wildlife training. Because of lower participant numbers the members discussed the possibility of combining the two classes into one for 2019. In the discussion Kathy Cooper pointed out the travel time to Ediz Hook for the search and capture exercise and stated that that time could be better spent doing other activities at the fairgrounds. *The Clallam MRC members decide to propose the combined training to IOSA.*

Forage Fish Monitoring: Ed Bowlby gave a brief summary of the forage fish monitoring effort. At a conference call with WDFW February 6th Clallam MRC requested to move the two Sequim area stations (Pitship and Old Town) to new locations (Cline Spit and Washington Harbor) to expand our search for forage fish eggs. *WDFW promised to give Clallam MRC an answer before the sampling in April.*

Shellfish Biotxin Monitoring: The 2018 shellfish biotoxin effort will be led by Bob Vreeland and Jeff Ward. Bob V. will look into suitable tides and dates – the effort will likely start in May. *Helle Andersen*

will provide the contact information on Coleman, a well-known volunteer in Clallam County, who has offered to help out with Clallam MRC project west of Port Angeles.

Good of the Order

Jeff Ward brought up a “Wild Edible Plants and Seaweeds” field trip given by Mac Smith. The field trip is Sunday April 15th @ 7:45 am at Salt Creek Recreation Area for low tide exploration and discussion. After the tide pool exploration the group will hike around the trails of the park to look at the plants and discuss their various uses and preparation techniques. Cost: \$35.00.

Mike Doherty thanked Jeff and the Department of Ecology for the oil spill webinar March 14th. He thought the webinar provided a good overview of current oil transportation in Washington State.

Public Comment

None

Adjourn

The meeting adjourned at 7:35 pm.

MEETING AGENDA
April 16, 2018
5:30 p.m. – 7:30 p.m.



Commissioners' Large Meeting Room

223 East 4th Street
Port Angeles, WA



For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 2018 NWSF Opportunity Fund and Summer Intern Program

Jeff Ward and Helle Andersen will provide an update of the status of the Opportunity Fund and how it has affected the summer intern program. The members will discuss who is willing to be involved, and discuss the timetable for the process. At the March meeting the following members agreed to be part of the subcommittee reviewing the intern applications: Arnold Schouten, Alan Clark, Ed Bowlby and Jeff Ward.

6:00 FY2018-19 MRC Grant Proposal

The members will discuss which projects should be included the Clallam MRC 2018-19 proposal. It may be possible to add or expand projects as funding needs have changed for the oiled wildlife training.

6:20 July Joint MRC Meeting in Neah Bay

Jeff Ward will provide an update on current conversations with the NPC MRC and Adrienne at the Makah tribe about a joint meeting in Neah Bay. The members will decide which day will be the preferred meeting date for Clallam MRC of the following proposed dates 7/16, 7/18, 7/19, 7/20.

6:35 Dungeness Bay Oyster Proposal

Ralph Riccio or Liz Tobin, Jamestown S'Klallam Tribe, will give a brief overview of the proposal.

6:50 Celebration of Science April 28th

Ed Bowlby will propose having a booth at the celebration. The members will discuss logistics and staffing of the booth.

7:00 Salish Sea Conference

Ed Bowlby will provide an update of the Salish Sea Conference held in Seattle April 4-6.

7:05 NWSC Update

Alan Clark will provide an update on the hiring process of the Executive Director and other current topics.

7:10 Project Updates

Oil Spill Preparedness – Arnold Schouten will provide an update on the 2018 HAZWOPER training and the oiled wildlife trainings and the plans for 2019.

West Elwha Beach – Arnold Schouten will provide an update including use of dog waste bags

Olympia Oyster Restoration – Lyn Muench will remind the members of the field trip to Cline Spit.

7:20 Good of the Order

7:25 Public Comment

7:30 Adjourn

2018 Meetings

May 21
June 18

July 16
August 20
September 17

October 15
November 19
December 17


CLALLAM COUNTY
MARINE RESOURCES COMMITTEE

Minutes

Date: Monday April 16, 2018

Time: 5:30 – 7:30 pm

Location: Commissioners’ Large Conference Room

Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

P Bob Vreeland	E Robert Knapp	P Arnold Schouten	Mike McHenry	P Sissi Bruch
P Kathy Cooper	P Jeff Ward	E Mike Doherty	E Ann Soule	Jesse Waknitz
P Lyn Muench	P Alan Clark	P Ed Bowlby	P Chris Burns	Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Jim Moran, City of Port Angeles Alternate; Peggy McClure, City of Sequim Alternate; Ralph Riccio, Shellfish Biologist Jamestown S’Klallam Tribe; Coleman, Clallam MRC volunteer; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

None

Public Comment/Approval of Minutes

No public comment. The March minutes were approved.

2018 NWSF Opportunity Fund and Summer Intern Program

Jeff Ward informed the members that the NWSF will be funding the Clallam MRC crabber outreach intern proposal. However, because Clallam MRC will also be doing crabber outreach under the NWSC grant there is some concern about overlap in the work proposed under the two grants. Sasha Horst, NWSC, and Caroline Gibson, NWSF, are currently reviewing this issue and the NWSF will get back to Clallam MRC with a solution. In the discussion Jeff has suggested funding the long-term intern through the Opportunity Grant and the summer intern through the NWSC grant. Until this funding has been confirmed Helle Andersen cannot start advertising the internships. We are on schedule for the four summer internships, but are running about one month late on the longer-term internship because of the delay with confirming the funding sources. As soon as the funding has been settled Helle will start advertising the five intern positions through the different social media, PDN, and most of all by going up to the college and distributing the information in Brian Hauge’s and Barbara Blackie’s classes. At the March meeting Arnold Schouten, Alan Clark, Ed Bowlby and Jeff Ward agreed to be part of the subcommittee reviewing the intern applications and *at this meeting Lyn Muench volunteered to join the subcommittee.*

FY2018-19 MRC Grant Proposal

The members discussed which projects should be included in the 2018-19 proposal to the NWSC using a summary list of the 2017-18 proposal as a starting point. In the 2017-18 proposal these are the projects grouped under major headers:

Administration; Monitoring: kelp monitoring, pigeon guillemot surveys, forage fish monitoring, environmental data compilation; Oil Spill Preparedness; Educational Outreach: outreach& education, reduction in lost crab pots, marine debris removal, and Elwha beach stewardship; Olympia Oyster Restoration.

The members decided to add the use of drones to the kelp monitoring project potentially working with Jon Gussman on a proof of concept approach/pilot study. Lyn Muench brought up that she thought

Lucas Hart in previous conversations had pushed back on this idea. *Need to get Lucas' input before including drones in the proposal.* The shellfish biotoxin project will be added to the 2018-19 proposal and Jeff Ward suggested to add a transboundary citizen science outreach project under the educational outreach header. The idea is to locate an organization in Canada doing similar work as the MRCs and then reach out to this organization to see if they would be interested in working on projects cross-boundary. This project would also be conducted on a proof of concept approach. The members agreed to include this project. Arnold Schouten pointed out that for the 2018-19 proposal the number of oiled wildlife trainings will be reduced to one, but in the future based on number of interested volunteers the MRC may want to increase the number of trainings.

July Joint MRC meeting in Neah Bay

The Clallam MRC members discussed the different dates proposed for the joint MRC meeting in Neah Bay and settled on suggesting Friday July 20 to the NPC MRC and Makah Tribe, but being open to the any of the other proposed dates (7/16, 7/18, and 7/19).

Dungeness Bay Oyster Proposal

Ralph Riccio, Shellfish Biologist at Jamestown S'Kallam Tribe, gave a presentation on their oyster farm proposal at Dungeness Spit. The Jamestown S'Klallam Tribe proposes to continue farming oysters using on-bottom culture methods on 34 acres of the 50-acre parcel. Sixteen acres will be avoided due to native eelgrass presence. Dungeness Bay is the location that the Tribe has been growing oysters and leasing this tideland parcel from DNR for 28 years. With recent improvements in water quality, the Tribe will harvest existing product and culture new product on identified areas within the parcel. Two oyster culture methods are proposed: 1) On-Bottom Bag Culture: Up to 34 acres will be used to grow oysters in mesh bags that are attached to a line and anchored to the substrate. Oysters will grow out for either 14 months in the bags, or be spread onto the beach after reaching a larger size and 2) On-Bottom Beach Oysters are oysters which are grown to maturity on tidal beaches with muddy, sandy or rocky bottoms. On-bottom beach oysters grow freely on the substrate with no need for equipment. They are harvested by hand and placed into oyster harvest bags. Oyster harvest bags are containers that can be easily lifted onto a marine vessel. Ralph went into detail about the history behind the farm, the location of the oyster farm, how the improved water quality was achieved and public concerns. Following the presentation the members had several questions including jobs, farming methods, non-native organisms and seaweed farming. Because the Clallam MRC is an advisory group to the three commissioners Jeff Ward asked what the members wanted to do and he proposed three options 1) submit individual letters to the commissioners, 2) form a subcommittee to draft a letter for the Clallam MRC and present this letter to the members at the May meeting and 3) no action. *The members agreed to form a subcommittee to write the draft letter. Alan Clark, Ed Bowlby, Jeff Ward, and Lyn Muench volunteered to join the subcommittee. The PowerPoint presentation was emailed to all Clallam MRC members.*

Celebration of Science April 28th

Last year's successful Celebration of Science event will take place again this year Saturday April 28th between 10 am and 4 pm. The event will be called Celebration of Science and Technology and will take place on the Port Angeles City Pier and at Feiro Marine Life Center. The event is free and will celebrate the essential role science and technology play in our daily lives. There will be booths, posters, kid's activities and presentations. Ed Bowlby is part of the planning committee and he asked the members if Clallam MRC would be interested in having a booth again this year. The members agreed that this would be a good idea and *several members including Jeff Ward, Lyn Muench and Peggy McClure agreed to help out with the event. Ed agreed to make a sign-up sheet for booth volunteers.*

Salish Sea Conference

Ed Bowlby gave a summary of the 2018 Salish Sea Conference which took place April 4-6 in Seattle. The conference was large with about 1400 people attending and about 14 concurrent sessions. The

conference opened with Ray Harris, Chemainus First Nation & Chairman Brian Cladoosby, Swinomish Tribe welcoming the attendees. Other speakers at the welcome ceremony included Chairman Leonard Forsman, Suquamish Tribe, Dow Constantine, King County, the keynote speaker Sally Jewell, US Secretary of the Interior under President Obama, and Washington Governor Jay Inslee. The sessions covered a lot of topics including water quality, vessel traffic, oil spill, ocean acidification, marine mammals and the impacts of underwater noise, and transboundary issues. Other MRC members and staff participating in the conference included Robert Knapp, Chris Burns and Cathy Lear. The general consensus among the attendees was that the conference was overwhelming. There were just too many interesting sessions. A short discussion about underwater noise followed the summary. Sissi Bruch suggested that underwater noise measurements taken in Port Angeles Harbor would be interesting information to see what the harbor contributes and maybe from the data make noise contour maps. Jeff Ward mentioned that a lot of work has been done of tidal turbines and the noise impacts to fish. Ed stated that a lot of effort is currently underway both in Canada and in the US.

NWSC Update

Alan Clark informed the members that Lucas Hart will be the new Executive Director for NWSC. Lucas was chosen unanimously out of the three final candidates. All three candidates were really strong but Lucas's last interview was very impressive and he also had the full support from the NWSC staff.

Project Updates

Oil Spill Preparedness: Arnold Schouten provided a brief summary of the oiled wildlife training conducted in March. The participation was down this year with 16 volunteers taking the first class and 13 the second class. Because of the reduced number of volunteers and overlap in the information provided in the two classes it has been decided to offer one combined oiled wildlife training in 2019. If this training proves to be popular the Clallam MRC and its partner could consider providing two trainings of this combined class in 2020.

West Elwha Beach: Helle Andersen provided a brief overview of the West Elwha Beach Sanikan and dog waste situation. The small dog waste bin is always full (overflowing) at the weekly service and dog owners take about 400 bags a month from the dog bag dispenser. The bimonthly dog poop surveys find between 6 and 28 along the 300 yard dike path weighing between 0.6 and 4.5 lbs. The dog use of the beach is expected to increase in the spring and summer months. *The Clallam MRC members agreed to provide a second small dog waste bin and to buy bags for a year based on the estimate of 400 bags/month.*

Olympia Oyster Restoration: Lyn Muench informed the members that it is time to check the two Olympia oyster plots at Bob Phreaner's place on Cline Spit. Good tides are coming up April 18 – 20 and again May 1st. *It was decided that a small group including Liz Tobin and Chris Burns, Jamestown Shellfish Biologists, Ed Bowlby and Helle Andersen would conduct the survey Wednesday April 18 starting at 11:00 am.*

Shellfish Biotoxin: *The crew will go out and sample May 3rd. Coleman, the new MRC volunteer, will join the crew.*

Forage Fish Monitoring: The sampling efforts near Sequim will move to Cline Spit starting in April. Clallam MRC has received permission from WFSW to also sample in Washington Harbor, but we also need permission from PNNL which could be difficult to obtain. For the near future we will only be sampling at Cline Spit.

Good of the Order

Arnold Schouten reminded the members that this coming Saturday is Earth Day cleanup and that while the CoastSavers registration for most of the beaches are full there are still a few beaches near Clallam Bay that need cleanup volunteers.

Helle Andersen informed the members that Liam Atrim, retiree from OCNMS, has asked if she would be interested in joining the Washington Coastal Cleanup Alliance (the group that funds CoastSavers) as a representative for Clallam MRC. As a committee member she will participate in the annual meeting (5 hours) and the rest of the work will be done by emails and phone calls. *The Clallam MRC agreed that Helle could join spending about 10 hours per year on the committee.*

Speaker series reminders: Microplastics at Port Angeles Yacht Club April 17 at 5:30 pm; Center for Whale Research at Port Angeles Library April 22 at 3:00 pm.

Public Comment

None

Adjourn

The meeting adjourned at 7:35 pm.

MEETING AGENDA
May 21, 2018
5:30 p.m. – 7:30 p.m.



Commissioners' Large Meeting Room



223 East 4th Street
Port Angeles, WA

For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 Introduction of Tarrell Kullaway, the Foundation's new Director of Philanthropy

Tarrell Kullaway, NWSF Director of Philanthropy, will come and talk about the Foundation's work and have a discussion about how the Foundation can best support the work of the MRC.

6:00 Election of Clallam MRC Officers

The following positions are up for election: Chair, Vice-Chair, NWSC Representative and Alternate.

6:15 Final NWSC Proposal

Final opportunity for the CMRC members to provide comments to the 2018-19 NWSC proposal due to NWSC May 22. The members will select the project to be presented for NWSC June 29.

6:45 2018 Internships

Jeff Ward will update the members on the selection process of candidates for the five summer internships and the longer-termed internship.

6:55 NWSC Update

Alan Clark will provide an update on current NWSC topics.

7:00 Executive Committee Creation

Discussion of proposed executive committee to support MRC chair and vice chair.

7:05 Website Update

Helle Andersen will provide an update on Clallam MRC's new website.

7:10 Project Updates

Olympia Oyster Restoration – Lyn Muench will provide an update on the test plots at Cline Spit and the next steps.

Forage Fish Monitoring – Ed Bowlby will provide an update on sampling at the new index site(s).

Shellfish Biotoxin – Jeff Ward/Bob Vreeland/Coleman Byrnes will provide an update of the first sampling event of the season.

7:20 Good of the Order

7:25 Public Comment

7:30 Adjourn

2018 Meetings

June 18
July 16

August 20
September 17

October 15
November 19
December 17


CLALLAM COUNTY
MARINE RESOURCES COMMITTEE

Minutes

Date: Monday May 21, 2018
 Time: 5:30 – 7:30 pm
 Location: Commissioners’ Large Conference Room
 Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

P Bob Vreeland	P Robert Knapp	P Arnold Schouten	P Mike McHenry	P Sissi Bruch
P Kathy Cooper	P Jeff Ward	P Mike Doherty	P Ann Soule	Jesse Waknitz
P Lyn Muench	P Alan Clark	P Ed Bowlby	P Chris Burns	Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Peggy McClure, City of Sequim Alternate; Chris Burns Jamestown S’Klallam Tribe Alternate; Tarrell Kullaway, NWSF Director of Philanthropy; Elizabeth Dunne, resident; Tyson Minck, resident; Cathy Lear, Clallam MRC Coordinator; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

Ed Bowlby encouraged the members to sign the sign-up sheet that he had brought for the Initiative Measure No. 1631. The website update was postponed to a later date and replaced with an update on the oyster farm proposal at Dungeness Spit.

Public Comment/Approval of Minutes

No public comment. The April minutes were approved.

Introduction of Tarrell Kullaway, NWSF Director of Philanthropy

Tarrell Kullaway introduced herself as the new NWSF Director of Philanthropy and briefly summarized her 25 years of experiences as a fundraiser. She most recently served as Senior Director of Development for the Cascade Bicycle Club during their successful capital campaign. Prior to Cascade, she got to know many of our partners serving as the Director of Development for Washington Environmental Council and Washington Conservation Voters. Tarrell also provided a brief summary of the NWSF and the work they do. The NWSF is a nonprofit organization established to leverage additional financial resources to accomplish the work of the Initiative. The NWSF raises private and public funds and also manages large regional projects such as the removal of derelict fishing gear and restoration of many shoreline sites. Jeff Ward summarized the outcomes of the pre-meeting which started an hour before the regular meeting. At the pre-meeting Tarrell asked what the members would like to have done to raise the profile of the Clallam MRC in the community. Several ideas were introduced including: a “friendraiser” event at the Harbinger Winery in October, production of a video about the Clallam MRC, brochures to be handed out to the public such as on the whale watching boats, reaching out to local businesses such as Swains (a place “everybody” goes to), sponsoring film showings with the NWSF taking the lead in lining up the films, sponsoring a local wine label with the Clallam MRC logo included, and engaging 20 local businesses for our 20 year anniversary in 2019. Tarrell concluded the discussion by encouraging all the members to contact her if they have any ideas about how to get the word out about the Clallam MRC.

Election of Clallam MRC Officers

The following Clallam MRC members were elected as officers until May 2019:
 Jeff Ward – Chair; Ed Bowlby – Vice-Chair; Alan Clark – NWSC Representative; Sissie Bruch – NWSC Representative Alternate.

Final NWSC Proposal

Since the last meeting comments to the individual proposed projects provided by the 2017-18 project leads had been incorporated into the final NWSC proposal. The final steps before submitting the proposal May 22nd were to identify project leads for 2018-19 and reach consensus about the distribution of the \$75K projected grant fund. The 2018-19 project leads are as followed:

Kelp - Alan Clark assisted by Jeff Ward

Forage Fish - Ed Bowlby assisted by Alan Clark and Mike McHenry

Pigeon Guillemot - Ed Bowlby assisted by Jeff Ward and Kathy Cooper

Biotoxin - Bob Vreeland assisted by Jeff Ward and Kathy Cooper

Oil Spill Preparedness - Arnold Schouten assisted by Ed Bowlby and Mike Doherty

Education Outreach - Lyn Muench, Alan Clark, and Arnold Schouten will co-lead this task, assisted by Jeff Ward and Mike Doherty. Arnold Schouten will be the lead on the Elwha Beach Stewardship Project.

Olympia Oyster Restoration - Lyn Muench assisted by Chris Burns and Robert Knapp

The Clallam MRC members agreed to the following 2018-19 budget:

Administration \$58K; Monitoring \$1,300 (Kelp \$700, Pigeon Guillemot, Shellfish Biotoxin and Forage Fish \$200 each); Oil Spill Preparedness \$4K; Education Outreach \$10,450 (Outreach & Education \$7,500, Transboundary Citizen Science Outreach \$800, Marine Debris Removal \$600 and Elwha Beach Stewardship \$1,550) and Olympia Oyster restoration \$1,250.

At the end of the discussion Jeff Ward informed the members that the NWSF had been awarded the NOAA Marine Debris Removal grant and that NOAA had awarded the grant for three, not two years. Jason Morgan has just turned in the revised budget. As part of this grant Jefferson and Clallam MRCs will be performing the educational outreach to the community. Because the recreational crabber outreach starting in 2019 will be covered through the NOAA grant the educational outreach was removed from the 2018-19 NWSC proposal.

2018 Internships

Jeff Ward gave an update on the 2018 internship program. Clallam MRC received 12 applications for the five summer internships and the longer-termed crabber outreach internship. In addition, the Makah Tribe received two applications for the green crab removal internship. Because one of the Makah applicants lives in Port Angeles it was decided to offer the internship to Cole Svec who lives in Neah Bay and include the other applicant in the Clallam MRC pool of applicants. The review committee which includes Jeff Ward, Ed Bowlby, Alan Clark, Arnold Schouten, Lyn Muench and Peggy McClure will review the 13 applications. The first task is to identify two candidates for the longer-termed internship which is slated to commence June 1st. *The review committee agreed to identify the two candidates by Friday May 25th. Helle Andersen will set up time for phone interviews with the two candidates after Memorial Day based on the candidates availability but assuming it will be in the evening either May 30th or 31st.* The next task will be to identify seven candidates of the remaining 12 applicants for phone interviews for the five summer intern positions.

NWSC Update

Alan Clark is now the NWSC Vice-Chair and one of the functions is to be the chair for the WebEx calls. Alan expects it to be a steep learning curve, but he is looking forward to the challenge. One of the tasks the NWSC is working on is fundraising. Because of the current federal funding climate the NWSC would like to increase funding from the state and move away from relying on federal funding. One way to achieve this is to reach out to local government and local politicians such as Patty Murray to make them aware of the Initiative and the seven MRCs. The MRC Conference in November will celebrate the 20 year anniversary of the Initiative. The conference committee is working on identifying

ways to make it a big event. The event will provide a good opportunity to introduce new outreach materials for the seven MRCs. Tarrell interjected that the conference also provides an excellent opportunity to tell the story about the Initiative and help spreading the word about the good work done by the seven MRCs.

Executive Committee Creation

Jeff Ward proposed the creation of an Executive Committee. The subcommittee would have four members (current chair and vice chair, recent past chair, NWSC representative) and one ex-officio member (Helle or Cathy) to capture meeting notes and share with the full membership as part of the regular monthly meeting packet. The group would participate in either in-person meetings or conference calls at least once per month. Additional meetings would be scheduled as needed, and MRC members would be invited to participate when applicable. The overall purpose of the executive committee would be to:

1. Assist in planning MRC meetings, developing ideas for public outreach, and coordinating scheduled public interactions or events.
2. Take the initial lead in investigating emerging issues that come along (e.g. large-scale proposals or projects involving the nearshore) prior to involving the entire group.
3. Assist in general MRC management and leadership, including recruiting of new members or citizen volunteers and investigating or implementing ideas that come from the general membership.

The current Executive Committee would include Jeff Ward, Ed Bowlby (vice-chair and also recent past chair), Alan Clark and Helle Andersen. The Clallam MRC members approved the creation of the Executive Committee.

Jamestown Oyster Farm Proposal at Dungeness Spit

Robert Knapp gave an update on the Jamestown S’Klallam Tribe’s oyster farm proposal at Dungeness Spit. During the April meeting Ralph Riccio gave a presentation about the proposal. With recent improvements in water quality, the Jamestown S’Klallam Tribe proposes to farm oysters on 34 acres of the 50-acre parcel that they have leased from DNR for the last 28 years. Jamestown has been working through the permit process with several agencies including the Corps of Engineers. During the public review period the Corps of Engineers questioned the no significant impacts determination of the project and requested a biological assessment to be conducted under the National Permit Process. The Clallam County Department of Community Development withdrew its environmental determination of non-significance the day after the county hearing examiner granted the tribe’s request for the six-month permitting-process delay to accommodate the change in permitting by the Army Corp of Engineers. Conducting the biological assessment will delay the project for about ½ year. *The members decided to delay the letter to the commissioners until after the biological assessment. The letter will be written by the subcommittee consisting of Alan Clark, Ed Bowlby, Jeff Ward, and Lyn Muench.*

Project Updates

Olympia Oyster Restoration: Lyn Muench and Chris Burns provided an update on the Olympia oyster restoration. April 18th Liz Tobin and Chris Burns, Jamestown Shellfish Biologists, Ed Bowlby and Helle Andersen conducted a survey of the two test plots at Cline Spit which was established last year. Unfortunately, the site on Bob Phreaner’s tideland proved to be unsuitable for Olympia oysters. The test plot which consisted of the seeded shells still in the bag was fine, but the other plot where the seeded shells had been spread in a 1 m radius was no longer visible – the shells had been scattered all over the beach. Chris Burns suggested expanding the Olympia oyster restoration area at the head of Sequim Bay by using an area that Jamestown Tribe leases from DNR for experimental purposes. The area is about ½ - ¾ acre and is located about 150 ft. east of the current area where the 100 bags of seeded shells have been overwintering. Chris provided a map showing the proposed area. If the Clallam MRC supported this effort Chris proposed to move the bags over to the new area using a skiff

at high tide. *The Clallam MRC approved the proposed area and suggested that Chris identified dates and times where the MRC members and volunteers could help opening the bags and spreading the seeded shells.*

Forage Fish Monitoring: Ed Bowlby and Helle Andersen gave a brief update on the forage fish sampling effort. The location at Cline Spit was sampled May 16th and the two locations at Elwha Beach and the two locations on Ediz Hook were sampled May 15th. *Ed Asked Jeff Ward if we are still pursuing permission from PNNL to sample at Washington Harbor. Jeff said he would look into the permission process.*

Pigeon Guillemot Monitoring: Ed Bowlby provided an update on the 2018 monitoring season. The volunteer training May 11 went well with about 25-30 people participating. The project now has about 50 volunteers to conduct the 2018 breeding surveys. The surveys will commence June 11th. One of the summer interns will help coordinate the volunteers and help with the online data entry submission.

Shellfish Biotxin: Bob Vreeland informed the members that samples were collected at Pillar Point May 2nd and May 16th. The crew plans to sample twice a month June through September.

Good of the Order

Mike Doherty and Jeff Ward gave a brief summary of the CANUSPAC workshop held in Port Angeles. The workshops goal was to review and practice the standard joint response operations under the Canadian/US Pacific Annex to the Canada/United States Joint Marine Pollution Contingency Plan. The regional response communities from both Canada and the United States have worked closely to produce a joint response exercise that addresses issues of common interest. The workshop continued the work from a 2016 workshop with a focus on Tribal/First Nations engagement in response and planning in the US and Canada. The workshop used the same oil spill drill example as was used in the 2018 HAZWOPER training. The Makah Tribe already has an oil spill contingency plan in place. At the meeting Jeff was informed that Department of Ecology plans to update the GRPs for the Strait of Juan de Fuca in the near future. *Some of the members suggested that we contact MSRC for a site visit.*

Cathy Lear informed the members that Chris Duff is offering kayak rescue training over the Memorial Day weekend.

Arnold Schouten suggested that the Clallam MRC reaches out to IOSA to complete the new oiled wildlife class format by end of the year.

Public Comment

Elizabeth and Tyson interested in helping out on the Elwha Beach Stewardship project.

Adjourn

The meeting adjourned at 7:35 pm.

MEETING AGENDA
June 18, 2018
5:30 p.m. – 7:30 p.m.



Commissioners' Large Meeting Room



223 East 4th Street
Port Angeles, WA

For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 Introduction of the 2018 Interns

Clallam MRC has hired seven interns and we have invited them to come and introduce themselves to the members. Some of them are still in school or working so not all interns will be able to come to the meeting.

5:55 Sound Action, WEC and Earthjustice Sue the Army Corp of Engineers

Al Bergstein will give a presentation on the upcoming lawsuit.

6:25 Planning of the July Meeting in Neah Bay

Agenda topics? Lucas Hart has proposed to talk about the NW Initiative Strategic Plan (minimum 45 min). The meeting has been moved to Friday July 20 with a suggested start time of 5 pm. Interested members can participate in checking/removing traps for the green crab. The removal effort starts around 11:15 am and ends around 3:30 pm.

6:40 Clallam MRC Strategic Plan Subcommittee

The current Clallam MRC Strategic Plan covers the years 2014-18. Jeff Ward is looking for subcommittee members to write the strategic plan for 2019-23.

6:50 Presentation to the NWSC

Alan Clark will give a rundown of the Elwha Beach Stewardship presentation to be given to the NWSC June 29th. The members will be asked to provide input to the presentation.

7:05 Project Updates

Olympia Oyster Restoration – Chris Burns talk about the restoration efforts on the DNR tidelands including proposing dates for the “spreading of the oyster shells” event.

Forage Fish Monitoring – WDFW has contacted Clallam MRC asking for help with the intensive sampling effort July 16-19.

Elwha Beach Stewardship – Arnold Schouten will inform the members about recent issues that have added pressure/complications for public access and the landowners.

7:20 Good of the Order

7:25 Public Comment

7:30 Adjourn

2018 Meetings

July 20 – Neah Bay

October 15

August 20 – Intern Celebration

November 19

September 17

December 17


CLALLAM COUNTY
MARINE RESOURCES COMMITTEE

Minutes

Date: Monday June 18, 2018

Time: 5:30 – 7:30 pm

Location: Commissioners’ Large Conference Room

Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

Bob Vreeland	P	Robert Knapp	P	Arnold Schouten	Mike McHenry	P	Sissi Bruch
P Kathy Cooper	P	Jeff Ward	E	Mike Doherty	P Ann Soule		Jesse Waknitz
E Lyn Muench	P	Alan Clark	E	Ed Bowlby	P Chris Burns		Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Peggy McClure, City of Sequim Alternate; Chris Burns Jamestown S’Klallam Tribe Alternate; Al Bergstein, board member of Sound Action and presenter; Elizabeth Dunne, resident; Pete Schroeder, resident and applicant for the vacant Recreation & Tourism MRC position; Kennedy Cameron, 2018 intern; Rylan MacDonald, 2018 intern; Christopher Reis, 2018 intern; Collin Boe, 2018 intern; Griffin Hoins, 2018 intern; Cathy Lear, Clallam MRC Coordinator; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

Jeff Ward added an update of the Ocean Science Program under Good of the Order.

Public Comment/Approval of Minutes

Elizabeth Dunne commended the Clallam MRC on their work at the West Elwha Beach and was interested in becoming a member of a West Elwha Beach subcommittee if such was formed. The May minutes were approved.

Introduction of the 2018 Interns

Five of the six interns located in the Port Angeles area came to the meeting and introduced themselves. Griffin Hoins graduated from the University of Washington last year with a Bachelor of Science in Aquatic and Fishery Sciences with honors and minors in Marine Biology, Oceanography and Art History. He is just back after a year of traveling around the world and is now interested in getting engaged in work supporting our local waters. Collin Boe graduated from Port Angeles High School in June of 2016 under the Running Start program and earned an Associates of Arts degree from Peninsula College in June of 2017. He is currently attending the Evergreen State College taking courses focused on Chemistry, Biology, Geology, and Physiology. Cristopher Reis is a freshman at the Peninsula College completing his Associates in Science, with an emphasis on biology. He is planning to continue his education with a focus on microbiology. Kennedy Cameron grew up in Port Angeles and is currently a student at the University of Washington. Her future plan is to go into Marine Affairs and Education and hopefully working with public outreach or policy making. Rylan MacDonald is currently a junior at Port Angeles High School and a Running Start student at Peninsula College. He will graduate with his high school diploma and Associates of Arts degree in spring 2019.

Sound Action, WEC and Earthjustice Sue the Army Corp of Engineers

Al Bergstein, a board member of Sound Action, began his presentation with a short introduction of Sound Action. Sound Action is a non-governmental organization primarily focused on reviewing every nearshore development permit issued by Washington Department of Fish and Wildlife (WDFW). Sound Action has one fulltime employee. In Washington State, the primary law governing nearshore habitat protection is called the Hydraulic Code, and any in-water development work requires a permit

called an HPA which is under the jurisdiction of the WDFW. Unfortunately, there are significant gaps in the WDFW administration of the law with the department approving every permit, regardless of scale or impact. In Puget Sound more than a quarter of the natural shoreline has been lost to seawalls, bulkheads and other structures. Natural shorelines including soft sandy beaches provide crucial habitats for forage fish and armoring destroys that habitat. So it is not surprising that we are not seeing improvements in orca, salmon or forage fish populations, because of these regulatory gaps. Today the majority of shoreline-armoring projects in Puget Sound get no federal review. Not by the U.S. Army Corps of Engineers or any other agency mandated to protect threatened and endangered species. That is why Sound Action along with other environmental groups has filed a lawsuit in U.S. District Court seeking to expand the environmental review of shoreline projects. Since the 1970s, the Seattle District of the Corps has defined its Clean Water Act ("CWA") § 404 jurisdiction in the Puget Sound region to extend only up to the "mean higher high water" mark, which is an average of the higher of the two high water marks each tidal day observed over a nineteen-year period. Under the CWA's implementing regulations, however, the Corps' jurisdiction extends to the "high tide line" and this definition is used in all other states. Approximately one quarter of high tides in the Seattle District exceed the mean higher high water mark, meaning the Seattle District's CWA jurisdictional marker is significantly below the high tide line. As a result of this, the majority of shoreline armoring projects in the Puget Sound region escape federal review under the CWA, which in turn means that such projects are not evaluated under other federal laws for the protection of environmental values, including the Endangered Species Act and National Environmental Policy Act. A decision is expected to be released in about ½ year. More information on Sound Action is provided on their website <https://soundaction.org/>. In response to Al's presentation the Clallam MRC members decided that Jeff Ward should send an FYI email about the lawsuit to the three commissioners.

Planning of the July Meeting in Neah Bay

The July MRC meeting will take place Friday July 20th at the Makah Tribal Marina starting at 5 pm. The green crab survey starts at 11:15 am and ends around 3 pm. *Members interested in helping out with the green crab survey should let Helle Andersen know so that she can provide Adrienne Akmajian with a final tally. Further information will be provided interested members at a later time.* Jeff Ward informed the members that Clallam MRC has reached out to the North Pacific Coast MRC hoping that they would be interested in joining the meeting. Currently he is hoping a few of the NPC MRC members will come. During the discussion of potential topics for the meeting the following topics were suggested: highlights of the current work done by the Makah Tribe including the landfill cleanup, oil spill efforts, and green crab surveys; Clallam MRC West Beach Stewardship effort; a briefing of the Salish Sea Shared Waters Forum (suggested by Tami Pokorny NPC MRC coordinator) and an update and discussion of the NWSC strategic plan led by Lucas Hart, Executive Director of the NWSC.

Clallam MRC Strategic Plan Subcommittee

The current Clallam MRC strategic plan expires by the end of 2018. Jeff Ward suggested forming a subcommittee to draft the next strategic plan for 2019-23. *He was hoping to present an annotated outline at the July meeting with the goal of completing the strategic plan by October 1, 2018.* Jeff volunteered to be the chair of the subcommittee and the following members agreed to join the subcommittee: Sissi Bruch, Robert Knapp, Ann Soule and Alan Clark. Despite not being present Ed Bowlby and Bob Vreeland were also included in the subcommittee.

Presentation to the NWSC

Alan Clark led the discussion of the West Elwha Beach Stewardship presentation to be shown for the NWSC June 29th. The members came up with several good suggestions including adding the following goal statement for the project "secure long-term stewardship to address emerging issues at the West Elwha Beach." Other topics included the lack of a governing entity for the newly formed beach and delta and useful education outreach to the public including creating a video about free-running dogs on the beach. *Peggy McClure volunteered to help with finalizing the presentation.*

Project Updates

Olympia Oyster Restoration: Chris Burns has longlined the clutch bags with the Olympia oysters so that they are ready to be moved to the new restoration site on the DNR leased tidelands. The work will be done using the skiff and Chris was looking for one or two volunteers to help out. Possible days included Friday June 22, Tuesday June 26 and Wednesday June 27. He expected the effort will take about 2 hours and would prefer to do it on Friday June 22. *Chris will email all the members with the information asking for volunteers.*

Forage Fish Monitoring: Helle Andersen informed the members that WDFW is planning their intensive sampling effort July 16-19 and they are looking for volunteers similar to last year. Clallam MRC will focus on the beaches near Sequim and Port Angeles and because WDFW will process the sediment samples all the members would have to do is collect the samples on the beaches. *Let Helle know if you are interested in volunteering on any of the days July 16th through 19th.*

West Elwha Beach: Arnold Schouten informed the members about the situation at the beach. After the beaver was found dead on the dike road there has been a lot of frustration about free-running dogs (the cause of the death is still not known). One new landowner has suggested that if dogs are not kept on a leash the dog owners will be denied access to the beach. Currently, there is an effort underway to make a sign stating that and mounting it at the trailhead. When Clallam MRC got involved in the signage at the trailhead last year the goal was to reduce the number of signs. With this new potential sign Arnold suggested that we take down the four small signs with the Burma Shave rhyme. Another issue that has raised the question about allowing the public on the beach is a recent beach fire where one of the driftwood sheds was set on fire. In June a skiff went aground at the mouth of the river. The skiff was broken up and contained a gas can and a bag of cosmetics. Members of the Surfrider Foundation called different agencies to see if they would be willing to remove the skiff. Nobody was willing, so the Foundation decided to take on the task. Tyson Minck led the effort and with the help of several volunteers they were able to slide the skiff on plywood all the way up to the parking lot and get it loaded into a truck and taken to the landfill.

Good of the Order

Alan Clark provided a brief summary of the Ocean Science Program which took place Friday June 15th in Clallam Bay. The program was led by NOAA and included a classroom visit and a field trip to Slip Point at a minus tide. Alan and Jeff Ward participated in the field trip and handed out the seaweed guides to the students. The students were tasked with finding the seaweeds in the guide, and take pictures of the seaweeds. The best pictures of the seaweeds will replace the pictures currently in the guide and the guide will be handed out to the students participating in next year's field trip. Approximately 30 kids and 20 adults participated in the program.

Jeff Ward informed the members on the plans to have a Friendraiser event in either September or October. Jeff, Arnold Schouten and Helle Andersen are working on this together with the NWSF.

Jeff Ward also told the members that Lyn Muench is doing well and is now home recuperating from her broken femur.

Public Comment

Elizabeth Dunne proposed to include a discussion/presentation of the four dams on the Lower Snake River on the September agenda.

Adjourn

The meeting adjourned at 7:35 pm.

MEETING AGENDA

July 20, 2018

5:00 p.m. – 7:00 p.m.



Marina Conference Room
1301 Bayview Ave,
Neah Bay, WA



For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:00 Welcome by the Makah Tribe

5:05 Call To Order / Introductions/ Changes to Agenda

5:10 Public Comment/Approval of Minutes

5:15 Dinner and Highlights of a Current Clallam MRC Project

Jeff Ward will give the presentation about the West Elwha Beach Stewardship shown at the NWSC meeting while the participants enjoy the dinner.

5:45 Highlights of Current Makah Projects

Patricia Sternbeck, Project Manager, will give an update on the Warmhouse House Beach Superfund.

Katie Wrubel, Natural Resources Policy Analyst, will give an update on the Climate Change project.

Cole Svec, the Clallam MRC intern, will give a presentation on his participation in the Green Crab Removal project.

6:15 MRC Feedback on the NWS Initiative Strategic Plan

Lucas Hart, NWSC Executive Director, will lead the discussion on where the NWS Initiative should go in the next 5 years.

6:45 Salish Sea Shared Waters Forum

Tami Pokorny, NPC MRC coordinator, will provide a summary of the upcoming forum.

6:50 Good of the Order

6:55 Public Comment

7:00 Adjourn

2018 Meetings

August 20 – Intern Celebration
September 17
October 15

November 19
December 17

CLALLAM  COUNTY
MARINE RESOURCES COMMITTEE

Minutes

Date: Friday July 20, 2018
 Time: 5:00 – 7:00 pm
 Location: Makah Marina Conference Room
 Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

E Bob Vreeland	P Robert Knapp	P Arnold Schouten	Mike McHenry	P Sissi Bruch
P Kathy Cooper	P Jeff Ward	P Mike Doherty	E Ann Soule	E Jesse Waknitz
E Lyn Muench	P Alan Clark	P Ed Bowlby	E Pete Schroeder	P Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Tami Pokorny, NPC MRC Coordinator; Lucas Hart, NWSC Executive Director; Cole Svec, 2018 intern; Patricia Sternback, Makah Environmental Health Project Lead; Katie Wrubel, Makah Natural Resources Policy Analyst; Rylan MacDonald, 2018 intern; Lael Butler, 2018 intern; Helle Andersen, Clallam MRC Project Coordinator.

Welcome by the Makah Tribe

Greig Arnold welcomed the MRC members and interns to the meeting. Unfortunately, he was not able to sing a tribal song because several tribal members were in mourning.

Call to Order/Introductions/ Changes to Agenda

Helle Andersen added information on a community hero video competition to the good of the order.

Public Comment/Approval of Minutes

No public comments. The June minutes were approved.

Highlights of Current Clallam MRC Project

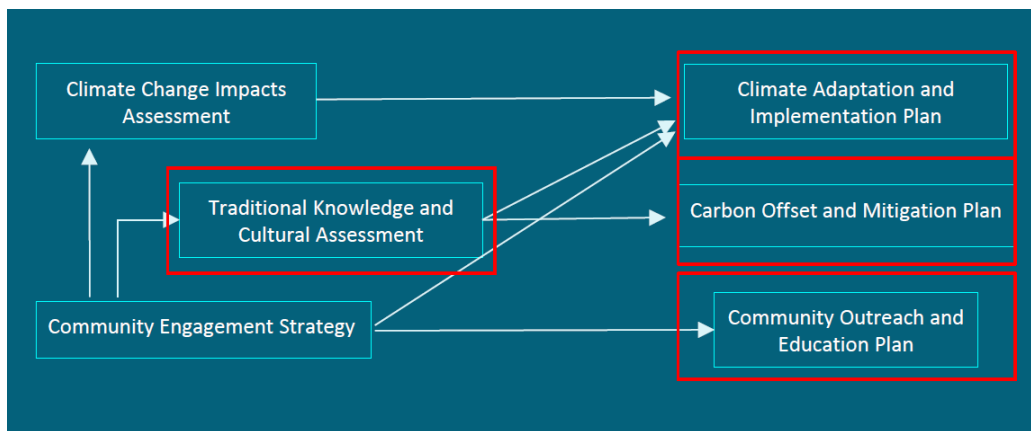
During an excellent salmon dinner Jeff Ward gave the presentation for the 2018-19 NWSC grant application about the Elwha Beach Stewardship. The presentation takes the audience through the history of the dam removal, the formation of the new beach, Clallam MRC’s involvement throughout the years in protecting the beach, the summer interns’ usage surveys, tasks to be completed in 2018-19 and potential ways to secure a long-term stewardship to address emerging issues at the West Elwha Beach. After the presentation the participants had a short discussion about addressing the issues associated with dogs.

Highlights of Current Makah Projects

Patricia Sternback, the Project Lead for the Makah Environmental Health, gave an update on the Warmhouse Beach Dump Superfund Site cleanup. The site lies within the Makah Indian Reservation and includes an inactive dump about 7 acres in size, with waste as deep as 20 ft. in some areas. Municipal and household solids and hazardous wastes were disposed of at the site from the 1970s until 2012. The dump was used by the Makah Air Force Station, Indian Health Services, US Coast Guard, the Makah Tribe, and other local and non-local residents and other entities such as the Cape Flattery School District. The site is within the Olympic National Marine Sanctuary which provides habitat for 29 species of marine mammals and 90 species of marine birds. The Makah Tribe has been monitoring surface water, sediment and groundwater around the dump since 2001 and in 2009 the tribe petitioned EPA to conduct environmental assessments of the dump because of concerns about hazardous substances leaching out from the dump. In 2013 the site was listed on the Superfund National Priority List. The first step in the Superfund process after listing on the site is the remedial investigation. The Warmhouse Beach Dump is currently at this step which includes delineating the nature and extent of the contamination and assessing the risks to people and the environment. The following steps include the feasibility study which describes

and compares cleanup alternatives, the proposed cleanup plan, the record of decision, remedial design, and finally remedial action cleanup of the site.

Katie Wrubel, Natural Resource Policy Analyst for the Makah Tribe, gave a presentation on the tribe's climate change project. The Makah Tribe views climate change as one of the biggest threats to their natural resources and the rich and unique biodiversity of their coastal lands and waters, their livelihoods, economy, and culture. In 2014 they commenced a climate change assessment and from the assessment the following lessons were learned: the dense, highly technical review of literature found that it was written by scientists for scientists, there was a lack of traditional and cultural knowledge expressed in the literature and there was a lack of planning relevancy. How does a vulnerability assessment translate into an adaptation plan? And how can an adaptation plan be implemented? Part of the assessment included a workshop with more than 20 core team members and advisors. One of the outcomes of the workshop was a climate adaption logic model.



The climate impacts assessment includes a review of current western science for consensus climate impacts relevant to Makah focusing on the following five sections: terrestrial, marine, aquatic, infrastructure, and health. Another task is a species vulnerability assessment in which they compile a 2-page description for each species' vulnerability to projected climate change impacts for the almost 100 species in the area. Finally they are conducting an assessment of Makah traditional ecological knowledge which includes interviewing Makah tribal members on how cultural activities have been impacted over time.

As part of climate adaptation and planning the Makah Tribal Council and tribal natural resource managers have prioritized early community outreach and engagement efforts in order to accomplish three goals: continually update and inform the tribal community about the Tribe's climate adaptation efforts; gather community input and priorities to inform the Makah Climate Adaptation Plan; and provide a series of educational events to engage the tribal community about projected climate change impacts to our resources. The first community dinner was held in February 2017. Members of the climate change workgroup discussed ongoing and future work and people were asked to take the community survey. A total of 200 community members came to the event and 140 responded to the survey. Some of the main concerns were freshwater availability and impacts to fisheries.

Future community events are planned for 2018 and 2019. Next steps include traditional ecological knowledge assessment and community outreach efforts, climate change workgroup to discuss potential climate impacts internally and with tribal community, identify short-term and long-term strategies to build resilience, identify ways to reduce our impact and strategize how to secure funding resources to implement. Two climate adaptation strategies are currently underway: securing funds to alter fishing fleet engines to become more sustainable and emit less greenhouse gases and changing old woodstoves for newer, more efficient woodstoves for community members. Future strategies include scoping of water supply, carbon footprint analysis and carbon sequestration (restoring eelgrass, trees, and kelp habitats to store carbon).

Cole Svec, the Clallam MRC sponsored intern, gave a presentation on the Makah's green crab removal project. Green crabs were discovered near Neah Bay in fall 2017 and starting April 2018 the Makah Tribe initiated an intensive trapping effort. Currently the tribe is setting about 60 minnow and Fukui traps in areas of the Wa'atch and Tsoo-Yess rivers and along the shore of Neah Bay twice a month. Captured green crab are recorded by sex, color, size, location, missing limbs, and molt and pictures are taken before the crab is placed in a plastic bag and stored in a freezer. Between April 25th and July 7 a total of 581 green crabs have been captured (the total number of crabs after trapping July 20 was around 660). The majority of these crabs were male (about 69%). The trapping effort will continue until end of September. After completion of the 2018 trapping season the tribe will determine the abundance of green crab catch per unit effort and establish a plan for next year's trapping effort. At the end of his presentation Cole thanked the Clallam MRC and the NWSC for funding his internship.

MRC Feedback on the NWS Initiative Strategic Plan

Because of all the interesting presentations Lucas Hart, the NWSC Executive Director, did not have much time to cover the Northwest Strait Initiative's five-year strategic plan covering 2019-2023. The plan is currently a draft and Lucas was looking for input and comments to the five main components of the plan. The five main components are: 1) long term stable funding, 2) structural support to MRCs, 3) measuring progress, 4) engagement and diversification, and 5) messaging. Most of the comments from the members addressed the engagement and diversification components and included rephrasing the strategies to emphasize building partnerships, identifying shared values (not priorities) and stewardship of resources. If you have any comments/suggestions to the draft strategic plan please contact Lucas at hart@nwstraits.org or 360-391-7190.

Salish Sea Shared Waters Forum

Tami Pokorny, the coordinator for the NPC MRC, provided a brief summary of the upcoming Salish Sea Shared Waters Forum, October 3 and 4, at the Four Point Sheraton in Bellingham. The purpose of the forum is to exchange information to enhance oil spill prevention, preparedness, and response measures to minimize the risk and impacts of spills in the Salish Sea. The forum will serve as a platform for open dialogue for all levels of government from both sides of the border, including Transport Canada, the U.S. and Canadian Coast Guards, Tribes and First Nations, environmental groups, and industry. It will address issues such as navigational safety, data sharing, and the impacts of spills on the environment, Tribal and First Nation resources, the economy, and public health. This forum will provide a platform to discuss and share ideas on these and other issues related to vessel traffic. The event is free and open to the public. For more information see <http://oilspilltaskforce.org/task-force-events/salish-sea-forum/>

Good of the Order

Helle Andersen handed out a flyer encouraging 9-12 graders to apply for the Community Hero Video Competition. As you may remember last November Deborah Moriarty talked about the Surfrider Leadership Academy and her group's goal to make a video competition. The flyer asks the 9-12 graders to make a video showcasing an individual from their community who stands out as somebody who makes a difference. The announcement will go out August 1st and the submission deadline is October 1, 2018. The videos will be judged by each of the MRCs in a given county (so Clallam MRC will be judging all videos made by students in the Clallam County). The winner in each county will be awarded \$250. The five winning videos will be shown at the MRC Summit in October and the grand winner will be awarded \$500. Contact Helle Andersen for more information.

Arnold Schouten has been asked to represent Surfrider at a public access meeting to be held at Place Road. Arnold was asking permission from the members to also represent the Clallam MRC. The request was granted.

Public Comment

None

Adjourn

The meeting adjourned at 7:05 pm.

MEETING AGENDA

August 20, 2018

5:00 pm – 5:30 pm

Feiro Marine Life Center

315 N Lincoln St.

Port Angeles, WA



For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:00 Call To Order / Introductions/ Changes to Agenda

5:05 Public Comment/Approval of Minutes

5:10 Dungeness River Festival

Lyn Muench will lead the discussion of the 2018 booth display.

5:20 Project Updates

Project leads will have the opportunity to briefly share important updates

5:25 Good of the Order

Jeff Ward will briefly inform the members of the statewide launch of the MyCoast app.

5:28 Public Comment

5:30 Intern Celebration

The six interns presenting are (but not necessarily in this order):

Kennedy Cameron – educational outreach to recreational crabbers

Griffin Hoins – kelp bed monitoring

Rylan MacDonald – green crab removal project with the Jamestown S’Klallam Tribe

Cole Svec – green crab removal project with the Makah Tribe

Collin Boe – West Elwha Beach stewardship

Christopher Reis – Pigeon Guillemot breeding surveys

Following the presentations the audience will have the opportunity to talk with the interns while enjoying refreshments.

7:00 Adjourn

CLALLAM  COUNTY
MARINE RESOURCES COMMITTEE

Minutes

Date: Monday, August 20, 2018
 Time: 5:00 – 7:00 pm
 Location: Class Room, Feiro Marine Life Center
 Minutes prepared by Cathy Lear

Members present:

P = Present E= Excused

P Bob Vreeland	P Robert Knapp	E Arnold Schouten	Mike McHenry	P Sissi Bruch
P Kathy Cooper	P Jeff Ward	P Mike Doherty	P Peggy McClure	E Jesse Waknitz
E Lyn Muench	P Alan Clark	E Ed Bowlby	P Pete Schroeder	E Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Rylan MacDonald, 2018 intern; Kennedy Cameron 2018 intern; Christopher Reis 2018 intern; Collin Boe 2018 intern; Griffin Hoins 2018 intern; Cole Svec 2018 intern; Cathy Lear, Clallam MRC Coordinator.

Call to Order/Introductions/ Changes to Agenda

Jeff added the topic of NOAA funding for crab pot removal to ‘Good of the Order’.

Dungeness River Festival

Standing in for Lyn, Jeff explained the new Festival Schedule, with a community event Thursday evening and regular festival events Friday. A sign up sheet is ready for people to write their names in the time slots they can staff the booth.

Public Comment/Approval of Minutes

No public comments. The July minutes were approved.

Clallam MRC Project Updates

Biotoxin monitoring: Bob noted that he, Coleman Byrnes, and Jeff have been sampling. The next sampling occurs on August 28.

Kelp monitoring: Alan reported that large and small beds have been surveyed and sampled. Plankton sampling in the kelp beds is now possible due to the development – by our field team! - of a device known as the ‘Planktomatic’.

Olympia oysters: Jeff and Kathy worked with Chris Burns to distribute oysters.

Pigeon guillemot surveys: surveys have entered their 10th week.

Good of the Order

Jeff described the MyCoast app. The app allows people to report what they see in the nearshore, such as king tide effects, derelict vessels, and other phenomena. The app began in Snohomish County and is a partnership of NWSC, Washington SeaGrant, and USGS. NWSC is looking for a Clallam point of contact.

Jeff also reported that a NOAA grant for derelict crab pot removal in Dungeness Bay and Port Townsend Bay has been awarded for three years, rather than the two years which was requested. Public outreach is a part of the grant, also. The proposal was developed jointly with Jefferson MRC.

Mike noted that State Attorney General Bob Ferguson and Representative Derek Kilmer are hiking the outer coast, retracing the steps of Supreme Court Justice William O. Douglas to highlight opposition to drilling off the coast of Washington State.

Mike mentioned that Hilary Franz, Commissioner of Public Lands, is working on bringing employment to rural communities. One example is a new business salvaging parts from derelict vessels for use in vessel repair. Contact Ms. Franz with any ideas you may have.

Public Comment

None

Intern Celebration

Six interns presented results of their work with posters and discussion:

Kennedy Cameron – educational outreach to recreational crabbers

Griffin Hoins – kelp bed monitoring

Rylan MacDonald – green crab removal project with the Jamestown S’Klallam Tribe

Cole Svec – green crab removal project with the Makah Tribe

Collin Boe – West Elwha Beach stewardship

Christopher Reis – Pigeon Guillemot breeding surveys

Following the presentations the audience viewed the posters and talked with the interns while enjoying refreshments.

Adjourn

The meeting adjourned at 7 pm.



MEETING AGENDA
September 17, 2018
5:30 pm – 7:30 pm
Commissioners' Large
Meeting Room

223 East 4th Street
Port Angeles, WA



For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 New National Marine Sanctuary Foundation Chapter and CoastSavers

Deborah Moriarty will inform the members about the new chapter of the foundation and also provide an update on CoastSavers.

5:50 Removal of Dams on Snake River

Elizabeth Dunne will give a presentation on the efforts to remove the dams on the Snake River.

6:20 Last Planning of the Dungeness River Festival

Lyn will lead the last planning of the booth at the Dungeness River Festival September 27-28.

6:35 Project Updates

Olympia Oyster Restoration – Lyn Muench will provide an update on the restoration efforts at the new site in Blyn.

Shellfish Biotoxin – Bob Vreeland will provide a summary of this year's sampling effort.

Pigeon Guillemot – Ed Bowlby will provide a summary of this year's survey effort.

Kelp Monitoring – Alan Clark will provide a summary of this year's survey effort.

Intern Program – Jeff Ward will provide a summary of this year's intern program.

6:55 Good of the Order

7:57 Public Comment

7:00 Adjourn

CLALLAM  COUNTY
MARINE RESOURCES COMMITTEE

Minutes

Date: Monday, September 17, 2018
 Time: 5:30 – 7:00 pm
 Location: Commissioners’ Large Conference Room
 Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

Bob Vreeland	P Robert Knapp	P Arnold Schouten	Mike McHenry	P Sissi Bruch
E Kathy Cooper	E Jeff Ward	P Mike Doherty	P Peggy McClure	Jesse Waknitz
E Lyn Muench	P Alan Clark	P Ed Bowlby	Pete Schroeder	Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Elizabeth Dunne, Resident; Tyson Minck, Resident; Jim Waddell, Resident; James Roubal, WA CoastSavers Coordinator; Deborah Moriarty, OCNMSF Coordinator; Carrol Hull, League of Women’s Votes; Cathy Lear, Clallam MRC Coordinator; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

Ed Bowlby added a discussion of end of year budget. He also encouraged the members to stay after the meeting to hear about the NWSF Friendraiser event.

Public Comment/Approval of Minutes

No public comments. The August minutes were approved.

New National Marine Sanctuary Foundation Chapter and CoastSavers

Deborah Moriarty, Coordinator of the new National Marine Sanctuary Foundation Chapter for the Olympic Coast, gave a brief introduction of the new chapter. Currently they are working on identifying priorities which will include educational outreach in connection with marine debris, ocean acidification and replacement of the educational vessel. Another focus of the chapter is the Marine Discovery Center to be built at the corner of Oak and Front Street along with the Port Angeles Waterfront Art Center and a building erected by the Lower Elwha Klallam tribe. Partners for the Marine Discovery Center include the Olympic Coast National Marine Sanctuary, the National Marine Sanctuary Foundation and Feiro Marine Life Center. The three partners have been working through all tasks associated with how this center will be run and they have now reached an agreement. Currently a study is being conducted to assess the feasibility of building such a center. The partners have signed a 40 year lease agreement with the art center (who owns the land) with an option of an additional 40 years.

Deborah also briefly described the Surfrider Foundation video competition before she introduced James Roubal, the new CoastSaver’s coordinator. The competition invites students grades 9-12 to submit a two minute video about people who inspire them in their community by Oct. 1st. The title of the completion is “My Coast, My Community Hero Video Competition.” The submitted videos will be judged by the MRCs in the different counties. The winners selected by the MRCs will be shown at the coastal MRC conference where the final winner will be selected.

James Roubal is the new CoastSavers coordinator. He will be working on the marine debris removal projects and also for the National Marine Sanctuary Foundation. The ICC event was a success with about 450-500 volunteers removing 4-5,000 lbs. debris from 50 beaches. Deborah and James are planning to apply for the NOAA Marine Debris grant and were asking the MRC members for ideas. Currently they are thinking of requesting funds for curriculum development. Peggy McClure suggested that they look into the MyCoast app and Helle Andersen told them about the newly awarded NOAA grant to the NWSF which will

focus on crab pot removal in Sequim Bay and educational outreach to recreational crabbers. Sissi Bruch suggested looking into ways of reusing the plastic and James informed the group about the Million Waves project which creates artificial limbs with recycled plastic. The process was shown on one of the beaches during the ICC event.

Removal of Dams on Snake River

Tyson Minck Jim Waddell, Elizabeth Dunne gave a presentation on the current efforts to remove the dams on Snake River. The four dams on Snake River were constructed between 1962 and 1975 by the Corps of Engineers. The Bonneville Power Administration (BPA) is in charge of selling the electricity created by the dams. Since 2014 the numbers of customers and direct service industry loads have declined and currently the dams produce a surplus of electricity between 15 and 50%. So the BPA has to sell the electricity on the open market often at a loss.

In 2002 the Corps of Engineers published the "Improved Salmon Passage" the Final Lower Snake River Juvenile Salmon Migration Feasibility Report/Environmental Impact Statement. Four different alternatives to improve the salmon passage were evaluated in the report: 1) maintain existing conditions, 2) maximum transport of juvenile salmon, 3) major system improvements, and 4) dam breaching. Carrying out Alternatives 2 and 3 has failed to improve the salmon populations and the dams have reached their expected lifespan. Hence, breaching of the dams is the only alternative left. Often when people think about dam removal they expect a large price tag associated with the effort. This is not the case with the dams on Snake River. BPA can save \$38-83 million dollars allocated for the 2019/2020 operation & maintenance fees and they can mitigate the cost of the breaching via the Endangered Species Act which will reduce the cost of breaching the dams to \$0 for BPA. Breaching the dams would involve making a notch in the earthen embankment section of each dam and let the river do the rest of the work.

The decline in the resident Orca population has refocused the effort to have the dams removed. Each year these whales leave Puget Sound and travel south along the coast to feed. Historically Orcas would spend weeks each winter feeding on adult Chinook salmon in the Pacific, especially off the mouth of the Columbia. One of the biggest factors affecting Orca nutrition is the tremendous decline in Chinook salmon coming out of the Columbia/Snake River basin. On top of this the successful removal of the dams on Elwha River has proven that dam removal is possible. At the end of the presentation Tyler, Elizabeth and Jim encouraged the audience to share the information. In the following round of questions Mike Doherty asked about the Governor's Orca task force. Tyson has participated in two of the task meetings and was generally disappointed with the outcome. The task force includes a large number of stakeholders and not all of them are interested in saving the Orcas. Ed Bowlby suggested that the three speakers present at the upcoming MRC Conference in November.

Last Planning of the Dungeness River Festival

The sign-up sheet for staffing the MRC booth at the festival was passed around to the members and a couple more signed up. Arnold Schouten, Cathy Lear and Helle Andersen will meet at 1 pm Thursday afternoon to set up the booth. The display will again this year focus on water quality and shellfish and display geoducks and oysters.

Project Updates

Olympia Oyster Restoration: Jeff Ward and Kathy Cooper helped spreading the seeded oyster shells at the new restoration site in Blyn. The restoration site is a parcel of tidelands that Jamestown S'Klallam tribe leases from WA Department of Natural Resources. The site is approximately 700 ft. east of the current restoration site and covers an area of $\frac{1}{2}$ - $\frac{3}{4}$ acre. Helle Andersen told the members about the Special Use Permit granted by the US. FWS for establishing test plots at the Dawley Road site. Because we received the SUP so late in the season we only have one suitable day, October 5th, to establish the plots. Interested members should meet Helle at Sunny Farms at 6 am and carpool to the site. *Helle will send out an email to the members.*

Shellfish Biotoxin: Postponed to next meeting because Bob Vreeland was not present

Pigeon Guillemot: Ed Bowlby gave a brief summary of the 2018 season. Fifty volunteers monitored 16 colonies between June and September. One of the summer interns helped out with the project ensuring that the data was correctly entered into the shared database with Island MRC. Ed and the intern visited a UW graduate student who is working on a model using all the data which has been collected in Puget Sound. The plan is to continue next year and Jeff and Ed will provide the volunteer training.

Kelp Monitoring: Alan Clark stated the goals for 2018 season were met. Three kelp beds in Clallam Bay and Freshwater Bay were surveyed and the crews conducted experimental plankton sampling – first using the NWSC protocol and later using a plankton pump sampler created by Jeff Ward. Next year's effort may include using drones and airplanes and then having the kayakers ground truth the information.

Intern Program: All the members present at the Intern Celebration agreed that the event was a success. Six of the seven interns presented their work to more than 40 local residents at the Feiro Marine Life Center August 20th.

Good of the Order

The end of the year budget estimate from Lori Kennedy indicates a surplus of about \$5K. During the discussion funding of the following items was suggested: lamination of the intern posters, reimburse members for mileage and other transportation costs, purchase of baseball hats with MRC logos to be used in next year's intern program, and paying Cathy Lear and Lori Kennedy for their time. The members agreed to fund all proposed items.

Cathy Lear provided a brief summary of the Sept. 14 LIO meeting. The funding process for the NTAs submitted in 2018 is similar to the last round. Approximately \$100K will be awarded to one NTA based on recommendations from the task force and steering group. The selected NTA will focus on education and outreach.

Public Comment

None

Adjourn

The meeting adjourned at 7:22 pm.



MEETING AGENDA
October 15, 2018
5:30 pm – 7:30 pm
Commissioners' Large
Meeting Room

223 East 4th Street
Port Angeles, WA



For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 Salish Sea Shared Waters Forum

John Cambalik or Ed Bowlby will give a summary of the forum including topical areas covered and timeline of final the reports.

5:50 Introduction of NWSC New Marine Program Manager

Dana Oster will introduce herself to the MRC members.

5:55 Net Ecosystem Improvement Project

Dana Oster will provide a summary of the Net Ecosystem Improvement Project lead by the NWSC.

6:05 Friendraiser Event at Harbinger Oct. 12

Jeff Ward will provide a brief summary of the Clallam MRC educational outreach at the Friendraiser event.

6:15 Clallam MRC Strategic Plan

Jeff Ward will provide a brief update about the Clallam MRC strategic plan. He hopes to have a comment draft ready for everyone to review by the end of the month.

6:30 MRC Conference Nov. 16-17

Last planning before the conference. Ed Bowlby will show the draft final Ignite presentation and receive last comments from the members. A final presenter for the MRC conference will be selected by the members. The members will also discuss the final version of the Clallam MRC display.

7:00 Project Updates

Olympia Oyster Restoration – Ed Bowlby/Alan Clark will provide an update on the restoration efforts at the Dawley Road site.

Shellfish Biotxin – Bob Vreeland will provide a summary of this year's sampling effort.

Pigeon Guillemot – Ed Bowlby will provide a summary of this year's survey effort.

Forage Fish Sampling – Ed Bowlby will provide a summary of the current results from WDFW.

7:20 Good of the Order

7:25 Public Comment

7:30 Adjourn

CLALLAM COUNTY

MARINE RESOURCES COMMITTEE

Minutes

Date: Monday, October 15, 2018
 Time: 5:30 – 7:00 pm
 Location: Commissioners’ Large Conference Room
 Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

P Bob Vreeland	P Robert Knapp	P Arnold Schouten	P Mike McHenry	P Sissi Bruch
P Kathy Cooper	P Jeff Ward	P Mike Doherty	P Ann Soule	Jesse Waknitz
E Lyn Muench	P Alan Clark	P Ed Bowlby	Pete Schroeder	Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

John Cambalik, Strait ERN/LIO Coordinator; Debbie Schouten, resident; Peggy McClure, Alternate for City of Sequim; Dana Oster, NWSC Marine Program Manager; Cathy Lear, Clallam MRC Coordinator; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

None

Public Comment/Approval of Minutes

No public comments. The September minutes were approved.

Salish Sea Shared Waters Forum

John Cambalik introduced himself as the Strait LIO/ERN coordinator before providing the summary of the Salish Sea Shared Waters Forum in Bellingham October 3-4, 2018. John handed out copies of the agenda http://oilspilltaskforce.org/wp-content/uploads/2018/10/Forum_Agenda_PUBLIC_FINAL2.pdf Numerous First Nations such as the Makah Tribe were included in the 168 forum participants. One of the goals of the forum was to create a baseline knowledge of “who is responsible for what” with a focus on inland transportation and sources (not what the area receives by ships from for example Alaska). Dale Jensen, Director of WA Dept. of Ecology Spills Program, gave a very good presentation which provided a common understanding of how the 550 million barrels of oil move through the region. John highlighted two speakers, John Konovsky, Tsleil-Waututh Nation, and Chad Bowechop, Makah Tribe, during a panel discussion about Tribal and First Nation Perspectives. John Konovsky emphasized that the First Nations want to be equal partners at the table. During the third session which focused on prevention, preparedness and response authorities Calvin Terada, EPA Region 10 Emergency Response and Planning Program Manager, stressed the importance of local planning committees and that the integrated plan should be better at incorporating local response plans. Before this session many attendees participated in an impromptu indigenous oil spill forum. One of the topics discussed was the creation of an integrated response plan for the Strait of Juan de Fuca. The LIO/ERN and MRCs were very interested in participating in this effort. Finally John highlighted a breakout session focused on community engagement. The general consensus was that you have to have engagement before you can collaborate. Many participants express frustration about the many organizations and forums working on oil related issues. Many of the tribes felt “spread very thin” and they don’t know which forums to participate in or which organizations to engage with. John hopes that the LIO/ERN can become more engaged and tie the effort to the LIO recovery plan.

Introduction of NWSC New Marine Program Manager

Dana Oster has a Master in Environmental Science and has worked in the fields of geomorphology, water quality and marine shoreline ecology. For the last year or so she worked for NWSF helping out Lisa Kaufman with the landowner workshops.

Net Ecosystem Improvement Project

Dana Oster provided a summary of the Net Ecosystem Improvement project which has been renamed as "Action to Impact." The project came about as a response to the requirement of grant associated metrics. What are the outcomes and impacts from the actions taken by the MRCs? Ron Thom developed the Ecosystem Improvement approach based on Jefferson MRC eelgrass protection zones where he calculated the number of acreages of eelgrass protected and estimated the increase in Dungeness crab population. It is more difficult to apply the approach to other actions such as educational outreach and the approach has evolved a lot. The NWSC thinks the project is very important as it helps define the reason behind the MRCs and presents the seven MRCs as one entity. The NWSC has been reaching out to the MRCs to get their buy-in. During the following discussion Cathy Lear asked if the approach will be applied to all our projects. Dana said that she hoped to create a project database which included actions, statistics and links to the "action to impact" calculations.

Friendraiser Event at Harbinger Oct. 12

All members participating in the first Friendraiser event thought it was a success and that we should have a similar event annually. Suggestions of how to improve the event included inviting a keynote speaker for example one of the interns or a partner such as WDFW or a tribal leader. Another suggestion was to highlight our projects in the welcome speech to ensure that everybody leaving the event knows about the work carried out by Clallam MRC (not relying on the audience reading the poster display). One member suggested providing all the attending members with a generic name tag (Clallam MRC member) which would make it easier for the audience to identify the persons able to answer their questions. Several of the members were asked about how to volunteer for the MRC, so next time we should provide a sign-up sheet and other information about how to become a volunteer. Arnold Schouten emphasized that we need to advertise the event better by doing more outreach beforehand. Sissi Bruch and Peggy McClure suggested that efforts were made to reach out to the city councils and the County Commissioners. Jeff Ward informed the members that Clallam MRC staff was not allowed to work on spreading the word because of complaints at other MRC events about a state funded organization (NWSC) supporting the work of one specific non-profit organization (NWSF). *All agreed that a card should be send to H2O as a thank you for the wonderful hors d'oeuvres.*

Clallam MRC Strategic Plan

Jeff Ward has taken on the task of updating the Clallam MRC strategic plan. The next version will cover the years 2019-2024. Jeff has revised the current version and included changes based on comments from Robert Knapp and Bob Vreeland. About a week ago Jeff emailed the red-lined version to the MRC Strategic Plan Subcommittee (Ed Bowlby, Robert Knapp, Ann Soule, Alan Clark, Bob Vreeland and Sissi Bruch) asking for comments. Ann suggested extending the comments period until after the MRC Conference giving us the opportunity to incorporate ideas and outcomes from the conference. Jeff was fine with extending the comments period but would like to have the strategic plan approved at the next MRC meeting November 19th.

MRC Conference Nov. 16-17

Ed Bowlby went through the draft Ignite presentation which this year focuses on our intern program. The members provided comments to the presentation. Because Ed may have scheduling conflicts with the MRC Conference Ann Soule and Alan Clark offered to be back-ups in case Ed can't attend the conference. *Helle Andersen will revise the presentation based on member feedback and email the draft final to Jeff Ward, Ann, Ed, and Alan to work out the final version.* The members also had a brief discussion about the Clallam MRC display. Depending on space limitations the members would like to have a similar display as at the Friendraiser event which included all 2018 five intern posters and the project map. *Helle will contact Sasha Horst to clarify the size of our display area.*

Project Updates

Olympia Oyster Restoration: Alan Clark and Ed Bowlby along with Helle Andersen and Jamestown shellfish biologist Liz Tobin met at 6:30 am October 5th to establish two test plots at the Dawley Road site. The Clallam MRC applied for a Special Use Permit in September 2017 and was awarded the permit in

September 2018. The two plots were established at the southern end of the Dawley Road restoration site right around the mean low water. One bag was left unopened and the shells from the other bag were spread in a radius of about 1 m. Counts of dead and alive and size measurements were taken of a subset of the Olympia oysters on the shells. The plan is to revisit the test plots in spring of 2019 to assess survival and growth of the Olympia oysters.

Shellfish Biotoxin: Bob Vreeland provided a summary of the 2018 sampling season. The bimonthly sampling effort started in April and ended in September. Jeff Ward and Jacob Melly from CCEH participated in the first sampling event; the following nine sampling events were carried out by Bob Vreeland and Coleman (one of our volunteers). Bob did the last sampling effort on his own and he struck the “mother lode” of clams. To support his claim Bob had brought all the shells of the 18 clams and a couple of jars of canned clam chowder. He also brought a couple of jars of Italian plum chutney to “dull” the taste of the clam meat. Based on the sampling effort the beach was kept open for clamming all year.

Pigeon Guillemot: Ed Bowlby gave a brief summary of the 2018 season. Fifty volunteers monitored 16 colonies between June and September. One of the summer interns helped out with the project ensuring that the data was correctly entered into the shared database with Island MRC. Ed and the intern visited a UW graduate student who is working on a model using all the data which has been collected in Puget Sound. The plan is to continue next year and Jeff and Ed will provide the volunteer training.

Forage Fish: Helle Andersen gave a brief summary of the forage fish sampling effort. The sampling efforts at Ediz Hook and Elwha Beach have stopped for the time being. The efforts may be resumed in spring of 2019. The beaches at Ediz Hook have been sampled for 18 months whereas the locations at Elwha Beach have been sampled for 15 months. The index site effort has been moved from the two sites, Pitship and Old Town, to Cline Spit in April 2018. So far we have seen surf smelt eggs in all samples collected between April and July (the remaining samples have not been analyzed yet) at Cline Spit.

Good of the Order

Mike Doherty brought up that the Phase II municipal stormwater report for the unincorporated Port Angeles Urban Growth Area is in the public review phase and encouraged the members to review the document and submit comments. One suggestion was to assess whether climate change has been address adequately. The comments can be submitted online at <http://ws.ecology.commentinput.com/?id=JWY6h> or by letter to: Abbey Stockwell, WA Department of Ecology PO Box 47696, Olympia WA

Sissi Burch brought up the City of Port Angeles efforts to improve public access to and knowledge about the urban streams. Mike Doherty suggested inviting Ed Chad from Streamkeepers to talk about their efforts.

Dana Oster asked the MRC members if they would be interested in having a beach in Clallam County listed in the MyCoast app. Jeff Ward suggested Elwha Beach, but Arnold Schouten discouraged that idea because of the issues with the landowners along the beach who would like to restrict public access to the beach. It was decided to include this topic on the November agenda.

Dana Oster also asked the members if they would be interested in supporting a no anchorage zone in Clallam County and if yes which area(s). It was decided to include this topic on the November agenda.

Helle Andersen informed the members about the all-day shoreline real estate workshop to be held in Port Hadlock Friday October 26th. The workshop targets shoreline realtors, but any MRC member is welcome to join.

Public Comment

None

Adjourn

The meeting adjourned at 7:35 pm.

MEETING AGENDA
November 19, 2018
5:30 pm – 7:30 pm
Commissioners' Large
Meeting Room



223 East 4th Street
Port Angeles, WA

For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 Streamkeepers

Ed Chadd, Coordinator for Streamkeepers, will provide an update on their current work and participate in a discussion about the proposed Futurewise project which potential will target Peabody and Tumwater Creek.

6:20 Clallam MRC 2019-24 Strategic Plan

The members will discuss comments to the strategic plan that Jeff Ward has received since October 15th. The plan will be on the December agenda for approval or emailed to the members for approval if they decide not to have a December meeting.

6:35 MyCoast App.

The members will discuss if Clallam MRC will recommend including a beach in the MyCoast app and if yes which beach to include.

6:45 No Anchorage Zone in Clallam County?

The members will discuss if Clallam MRC should promote the no anchorage zone in Clallam County and if yes which area(s) should be included.

6:55 MRC Conference Nov. 16-17

The attending members will provide a summary of the conference.

7:05 December 17 MRC Meeting

The members will decide whether we should hold a meeting in December and if yes what format it should be (Christmas event?).

7:10 NWSC Updates

Allan Clark will update the members about news from the NWSC.

7:15 Project Updates

Oil Spill NTA: Jeff and Ed will provide a summary of the oil spill NTA meeting led by WSU Snohomish County Extension.

General updates from project leads.

7:20 Good of the Order

7:25 Public Comment

7:30 Adjourn

CLALLAM COUNTY

MARINE RESOURCES COMMITTEE

Minutes

Date: Monday, November 19, 2018
 Time: 5:30 – 7:30 pm
 Location: Commissioners’ Large Conference Room
 Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

- | | | | | |
|----------------|----------------|-----------------|------------------|---------------|
| P Bob Vreeland | P Robert Knapp | Arnold Schouten | P Mike McHenry | P Sissi Bruch |
| P Kathy Cooper | P Jeff Ward | P Mike Doherty | E Ann Soule | Jesse Waknitz |
| Lyn Muench | P Alan Clark | P Ed Bowlby | P Pete Schroeder | Greig Arnold |

Ex-Officio Members / MRC staff/Members of the Public Present

Nessa Goldman, resident; Joanne Sparks, resident; Cathy Lear, Clallam MRC Coordinator; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

Jeff Ward added a NWSC request for a supporting letter.

Public Comment/Approval of Minutes

No public comments. The September minutes were approved as amended.

Streamkeepers

Ed Chadd started his presentation with a short summary of the history of Streamkeepers. Twenty years ago Streamkeepers was created as a WSU entity with one part-time employee (Ed). For two years Streamkeepers was part of WSU at which point it was moved to Department of Community Development. In 2012 Streamkeepers was transferred over to the Road Department and it has since then been funded by this department because Streamkeepers helped the Road Department comply with State requirements. Since 2005, when the City of Port Angeles was asked to comply with the NPDES Phase II requirements, Ed thinks that Streamkeepers has saved the Clallam County about \$100K each year. The reason for this is that the bug or BIBI data collected by Streamkeepers has documented that the urban streams are healthy as they meet the city limit. The decline of stream health only occurs after the streams pass the city limits. The current work performed by Streamkeepers can be divided into two parts. Under the first part Streamkeepers functions as an advisory committee based on long-term monitoring of streams within the county. The monitoring is conducted quarterly and covers the streams between McDonald and Salt Creek. When possible an annual assessment of the streams is conducted using the BIBI approach. Because of all the volunteers and equipment owned by Streamkeepers the committee is really good at leveraging nothing into something. The second part of Streamkeepers workload consists of work requests from different people or entities. Good examples of this is the coliform bacteria sampling effort of the City of Port Angeles, the PIC project for the Clean Water Group, the bug and WQ project for the Quileute tribe and the monthly monitoring of Hoko River by kayakers.

After the introduction Ed focused his talk on Port Angeles’ urban streams. The reason for this is an upcoming meeting with Futurewise, a Seattle non-profit organization which has received \$250K from PSP for their Greenlink NTA. Ed along with three MRC members and staff and other planners and scientists will meet Nov. 27th to discuss which streams in Port Angeles should be included in the NTA. Ed started his summary of the streams by stating that all the streams have different restoration and public access potentials. Peabody Creek has the most potential for neighborhood recreation. This creek runs right through the center of the densest population in town, near to many offices, businesses, residences, and other amenities such as the Salvation Army kitchen. The stream has had many neighborhood uses

through the years. Valley Creek has the most potential for destination recreation. This creek has at times been the subject of a community-based effort, involving the City, the Lower Elwha Klallam Tribe, the County, WDFW, service clubs, and private citizens, to restore and ultimately daylight the creek and build a trail alongside it that would wind its way all the way to the Olympic National Park. The principal driver of that effort, Jeff Bohman, still lives in Port Angeles and is currently the President of the Peninsula Trails Coalition. The potential for this creek to host restored salmon runs and boast a trail that would lead from downtown Port Angeles up into the National Park is enormous, from a recreational, educational, and tourist-development point of view. Part of this trail system is already in place. Tumwater Creek has the most potential for habitat restoration. The creek's mouth and lower reach is squarely within the Port Angeles industrial zone. There's only a small section that's inside a culvert (compared to Peabody and Valley), but daylighting the creek in this section is complicated by the number of major thoroughfares that interact with it, including a skyway that brings Tumwater St. from downtown up to the bluff. This creek has the largest flow of the three and still has steelhead, cutthroat and Coho runs. The habitat upstream of the City Limits is generally pretty good, though it could be improved. It's unlikely that even with restoration activity in this creek many urbanites would walk along it because of the Truck Route detour to Hwy 101. Ed then asked Mike McHenry to talk about Ennis Creek. Ennis Creek is undergoing a Natural Resources Damage Assessment because of the Rayonier Mill which was built at and on the lower section of the creek. The NRDA process has been very slow, but Mike expects that a large cleanup and restoration project of the lower section of the creek will soon be underway. Other issues are still associated with the creek including the culvert at HWY 101 which block the fish passage and water quality. In the discussion that followed the presentation Sissi Bruch mentioned that the city is currently working on a vision for the Port Angeles streams including water quality improvement and public access. Sissi would like to see installation of raingardens as community projects not city projects. *Cathy Lear stated that a lot of work was done on Valley Creek and she would look for the information and share it with the MRC members.* Ed rounded out the discussion by stating that he hoped a programmatic approach could be developed that addressed the homeless living by the creeks and public health and access.

Clallam MRC 2019-24 Strategic Plan

Jeff Ward started the discussion of the strategic plan by thanking the members who had provided comments. Peggy McClure had been a great help with her comments to focus the document on what the MRC plans to do in the next five years and move the historical description of the MRC and the Initiative to an appendix. Ann Soule wanted to expand the section on emerging issues. The members discussed what should be included as an emerging issue and came up with the following topics: Orcas, GRP updates, increase in tanker traffic and potential for oil spills, and climate change. Sissi Bruch suggested that the plan should emphasis collaboration with other organizations on community outreach including how to involve kids. *Sissi and Alan offered to help with revising the education outreach text in the plan. Jeff ended the discussion by stating that the MRC members will be voting on the strategic plan at the January meeting. When the plan has been approved Jeff wants to summarize the main points in the plan and present the information for the county commissioners, city councils and the three tribes.*

MyCoast App.

Jeff Ward introduced the newly launched statewide MyCoast app (<https://mycoast.org/>) and asked the members if they thought Clallam MRC should participate in the effort. MyCoast compiles pictures taken by residents, combines the pictures with background information such as tide and weather and offers the data to state and municipal employees, planners, developers, business owners, and others to make better decisions. The members thought it was a good idea and the discussion turned to which beaches to include in Clallam County. Helle Andersen mentioned that Ian Miller, Sea Grant, has suggested three beaches in Port Angeles including the outside and inside of Ediz Hook and one of the two new pocket beaches in the harbor. Allan Clark suggested 3 Crabs Beach and Dungeness Spit near Sequim. Jeff Ward suggested writing an article for the PDN to help roll out the MyCoast in Clallam County. *He will contact Kathleen at Snohomish MRC after the holidays to get additional information for the roll out effort.*

No Anchorage Zone in Clallam County?

After a brief discussion the members decided to not pursue the no anchorage zone in Clallam County mostly because of limited places to anchor within eelgrass beds and few boats anchoring in Clallam County.

MRC Conference Nov. 16-17, 2018

A total of 165 people participated in the conference of which 10 were Clallam MRC members and staff. Jeff Ward initiated the briefing of the conference by stating that Lyn Muench and Ed Bowlby were mentioned as legacy members. In addition, Andrew Shogreen was also present as a legacy member. Sissi Bruch emphasized the Ignite presentations and all thought that Ann Soule did very well as the Clallam MRC presenter. It was the first time Robert Knapp, Sissi Bruch and Ann Soule participated in the MRC conference and they all liked it a lot and learned a lot. The participants highlighted four sessions: southern resident Orca recovery, looking forward: the next 20 years, marine debris, and sea level rise and citizen science. Jeff Ward pointed out Senator Kevin Ranker statement of "don't waste a good crisis." *Pictures and videos of the conference will be available on the NWSC website.*

December 17 MRC Meeting

The members decided to meet December 17th for an abbreviated meeting followed by a social gathering with light treats.

NWSC Updates

At this point the meeting was running over time so Allan Clark provided a very brief update. The NWSC is currently focused on increasing the visibility of the Initiative and finding more sustainable funding.

Project Updates

Postponed to next meeting due to lack of time

Good of the Order

Jeff Ward brought up Lucas Harts request for a supporting letter. In an effort to obtain continued state funding support the NWSC has developed a strategy which entails that each of the seven MRC counties sends a letter to their state legislators expressing the importance of the MRC and the importance of state funding. The intention of the letter is to raise awareness of MRCs as we enter the next legislative session. The NWSC has provided a letter template and requested that the MRCs insert the projects they would like to highlight. The next steps are to have the letter approved by the County Councils, Commissions or Executives and then have them send the letter to the legislators. *Jeff will bring the letter to the next MRC meeting for approval.*

Bob Vreeland suggested the members should read the book published by New York Times: DRAWDOWN The Most Comprehensive Plan Ever Proposed to Reverse Global Warming (2017).

Public Comment

Nessa Goldman and Joanne Sparks provided the following public comments: the meeting had been very informative and they were glad they came. Before the meeting (or the Friendraiser event) they had no idea that Clallam MRC existed. They would like to help with spreading the word about the MRC. They also suggested that we should provide information on our projects in "bit sizes" and not a 2 hour meeting. Another suggestion was that we should use the internet more (as they said "Clallam MRC should have gone viral").

Adjourn

The meeting adjourned at 7:40 pm.

MEETING AGENDA
December 17, 2018
5:30 pm – 7:30 pm
Commissioners' Large
Meeting Room



223 East 4th Street
Port Angeles, WA

For more information about the MRC, please contact Cathy Lear at (360) 417-2361 or Helle Andersen at (360) 417-2416.

5:30 Call To Order / Introductions/ Changes to Agenda

5:35 Public Comment/Approval of Minutes

5:40 2018-19 Annual Workplan

The members will discuss and finalize the 2018-19 Clallam MRC workplan to be submitted to NWSC January 11, 2019.

6:00 2019 Internship Program

The members will discuss the 2019 internship program including how many internships to offer, summer internship only or also longer-term internships, request for funding (if needed) and potential projects and partners.

6:45 NWSC Updates

Allan Clark will update the members about news from the NWSC.

6:50 State Funding Letter

The members will review the letter requesting continued funding from the state and potential approve the letter to be provided to the commissioners, city councils and tribes for their signatures.

6:55 January Meeting

The third Monday in January is Martin Luther King Day – the members will decide whether to have the meeting January 14th or 28th.

7:00 Good of the Order

Public announcement of the Jamestown's oyster permit application. Public comment ends January 11, 2019

7:05 Public Comment

7:10 Christmas Celebration

2019 Meetings

January TBD	April 15	July 15	October 21
February TBD	May 20	August 19	November 18
March 18	June 17	September 16	December 16

CLALLAM  COUNTY
MARINE RESOURCES COMMITTEE

Minutes

Date: Monday, December 17, 2018
 Time: 5:30 – 7:10 pm
 Location: Commissioners’ Large Conference Room
 Minutes prepared by Helle Andersen

Members present:

P = Present E= Excused

E Bob Vreeland	E Robert Knapp	E Arnold Schouten	Mike McHenry	E Sissi Bruch
P Kathy Cooper	P Jeff Ward	P Mike Doherty	P Ann Soule	Jesse Waknitz
P Lyn Muench	P Alan Clark	E Ed Bowlby	P Pete Schroeder	Greig Arnold

Ex-Officio Members / MRC staff/Members of the Public Present

Peggy McClure, City of Sequim Alternate; Chris Burns, Jamestown Tribe Alternate; Blythe Ward, resident; Cathy Lear, Clallam MRC Coordinator; Helle Andersen, Clallam MRC Project Coordinator.

Call to Order/Introductions/ Changes to Agenda

None

Public Comment/Approval of Minutes

No public comments. The November minutes were approved.

2018-19 Annual Workplan

Jeff Ward and Helle Andersen walked the members through the 2019 draft workplan revising the primary and secondary project leads when needed. All agreed that the responsible persons may change throughout the year depending on workload and other commitments. In 2019 Clallam MRC will be funded through both the NWSC and the NWSF. A column was added to the workplan to clearly identify the funding source for each project. *The 2019 workplan was approved and is a NWSC deliverable due January 11, 2019.*

2019 Internship Program

Jeff Ward opened up the discussion about the 2019 internship program by briefly summarizing the 2018 program and pointing out the program partners. Jeff has already contacted Adrienne Akmajian from Makah tribe asking if they would be interested in an intern in 2019. Adrienne replied by saying she needs to look more into next year’s projects, but suggested that maybe the intern could work on several projects for the tribe. All the members present agreed that more or longer internships would be great. Mike Doherty mentioned Washington Sea Grant’s internship program for graduates. About 10-12 students participate in the program and the students often end up working full-time for their mentor organization. Mike suggested that our program could be the equivalent for undergraduate students. Pete Schroeder suggested monitoring projects which could turn into longer-termed student driven projects. Other projects which were suggested included crabber outreach, Pinto abalone surveys, smolt trap on Tumwater Creek and looking at the Orca Task Force to do list to see if there would be a good fit with any of the proposed actions. Cathy Lear also mentioned that the paid internships are a very big plus as many of the students have to work during the summer to pay for school and can therefore not afford taking an unpaid internship. Mike Doherty suggested that we contacted different agencies that would benefit from the internships and ask if they could provide any funds. *It was decided that the members should come with a list of proposed topics for internships at the next meeting January 28th and Helle Andersen should look into the different funding sources (application process and deadlines).*

NWSC Updates

Alan Clark, who is now the NWSC Vice-Chair as well as Clallam MRC NWSC representative, provided a summary of current NWSC news. A joint retreat with NWSF is planned for March 21-22; a facilitator will be hired for the event. A main topic on the NWSC agenda is securing better long-term funding. Given the political situation the NWSC is focusing their effort on increasing state funding. Senator Kevin Ranker has been promoted to a more senior position on the Ways and Means Committee. He is a long supporter of the NWS Initiative so hopefully he will be able to promote the work done by the Initiative and increase the state funds. In a supporting effort the seven MRCS have been asked to work with their local officials to write a letter in support of the Initiative and have the local officials sending the letter to their representatives in the state legislation. On the topic of funding the PSP seems quite comfortable with the agreements they have reached with EPA and they do not foresee any impacts from a potential partial shutdown of the government. The effort to document the outcomes of the projects conducted by the MRCs and NWSI (called "Action to Impacts") is now being led by Dana Oster, the new NWSC Marine Program Manager. Currently they are looking for a social scientist to join the effort so if any of the members know of a potential suitable candidate let Dana know. Caroline Gibson may be on medical leave for 5 months and currently the NWSI is looking for solutions to support the staff. The MyCoast app is now ready to be promoted by all seven MRCs. The effort done by Clallam MRC was briefly discussed including the selection of the two locations, Hollywood Beach and 3 Crabs restoration site, to be promoted as photo locations. The members also agreed that the Clallam MRC should submit a press release to the PDN about MyCoast. The final topic Allan mentioned was an excellent presentation given at the last NWSC meeting about Pinto Abalone. The presenter, Henry Carson, gave a status overview of the abalone including the failure to reproduce and interventions currently being discussed.

State Funding Letter

Jeff Ward has led the effort to write a letter in support of the Initiative and have the local officials sending the letter to their representatives in the state legislation. Lucas Hart, the NWSC Executive Director, has pointed out that 40% of our current funding is coming from the state and the NWSC is lobbying for that to become a more permanent funding source. Lucas provided a template for the letter and Jeff has revised the template to reflect the work done by the Clallam MRC. Jeff has received comments from several of the members and he would like the members to approve the letter at this meeting with the intent of incorporating any new comments from the members. Sissi Bruch has suggested to stress "local people for local solutions" which could be added to the first paragraph. Peter Schroeder suggested adding a list of all our partners and Ann Soule asked if it would be possible to state the amount of work leveraged through the grant. *The members approved the letter with the proposed revisions.*

January Meeting

The members decided to have the first meeting in the new year on Monday January 28, 2019.

Good of the Order

The public comments period for the Jamestown's oyster permit application ends January 11, 2019. Chris Burns has reviewed the announcement and pointed out that it included several mistakes such as inaccurate coordinates.

Pete Schroeder pointed out that the Shoreline Masterplan Update is out for review and that Steve Gray is the local contact person in Clallam County.

Mike Doherty handed out the Sea Star publication by Washington Sea Grant.

As the last topic on the agenda Jeff Ward thanked Kathy Cooper for the time she has served on the Clallam MRC.

Public Comment

None

Christmas Celebration

The members enjoyed the shared treats until about 8:30pm.