CLALLAM MRC MEETING AGENDA



January 22, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: <u>https://us06web.zoom.us/j/85314804485</u> Meeting ID: 853 1480 4485 Passcode: 12345 For more information about the MRC, please contact Rebecca Mahan at (360) 417-2322

5:30 Welcome by Chair Tim Cochnauer

5:35 Call To Order / Introductions / Changes to Agenda

5:40 <u>Public Comment / Approval of Minutes</u> Approval December minutes.

5:45 Announcements

- Film Festival to celebrate ONCMS 30th year, collaborating with NPC MRC, Ian Miller and Chris Butler-Minor will speak to the event.
- Green crab update MRC member who could take the lead.
- Joint meeting with Jefferson County in March.

6:00 Presentation

• Jim Parsons, CEO Jamestown Aquaculture will present an overview on Jamestown S'Klallam Tribe's aquaculture operations and practices.

6:20 NWSC Update

NWSC monthly meeting – Alan Clark

6:25 Advisory Role

• Subcommittee status – Jeff Ward

6:30 Field Project Updates

- Olympia Oyster Chris Burns
- Pigeon Guillemot Ed Bowlby
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- Kelp surveys Jeff Ward & Alan Clark
- Shellfish Biotoxins Bob Vreeland
- Sound Toxins Nancy Stephanz
- Pinto Abalone Jeff Ward & Alan Clark

2024 Meetings		
January 22	April 15	July 15
February 26	May 20	August 19
March 18	June 17	September 16

October 21 November 18 December 16

6:35 Education/Outreach

- Coasters Ann Soule
- New Displays Ann Soule
 - Project posters hope to have other MRC projects to graphic designer in January.
- Future Presentations:
 - February Lee First, Twin Harbor Waterkeepers, Protecting old growth forests in our waterways.
 - o Dr. Catherine Copass's presentation to BOCC link <u>here</u>. ~1hr into meeting

6:40 Other Updates/New Topics

- Update on CMRC Part-time Administrative Assistant Rebecca Mahan
- Communication with our County Commissioners Tim Cochnauer
- Rescue Tug letter Mike Doherty
- Adopt a beach for CoastSavers Coastsavers working on SOP, budgeting, and supply needs.
- Recruiting for open MRC members Development Community and Makah Tribe.
- 6:50 Good of the Order
- 6:55 <u>Public Comment</u>
- 7:00 <u>Adjourn</u>

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

2024 Meetings

January 22 February 26 March 18 April 15 May 20 June 17

July 15 August 19 September 16 October 21 November 18 December 16



January 2024 Meeting Draft Minutes

Date: Monday, January 22, 2024 Time: 5:30-7:03 PM Location: Zoom hybrid meeting Minutes Prepared by Rebekah Brooks

Members present: Helle Andersen (Marine Related Recreation and Tourism Alternate), Chris Burns (Jamestown S'Klallam Tribe Alternate), Alan Clark (Community at Large; Northwest Straits Commission [NWSC]), Tim Cochnauer (Community at Large; Chair), Mike Doherty (District 3), Katharine Frazier (Port of Port Angeles), Robert Knapp (Jamestown S'Klallam Tribe), Allyce Miller (Lower Elwha Klallam Tribe Alternate), Lyn Muench (District 2 Alternate), Ann Soule (District 2; Vice Chair), Nancy Stephanz (Ecology Alternate), Lance Vail (District 1 Alternate), Bob Vreeland (Conservation and Environment), Jeff Ward (District 1)

Others present: Chris Butler-Minor (Olympic Coast National Marine Sanctuary [OCNMS]), Joann LaBaw (member of the public), Cathy Lear (CC), Rebecca Mahan (CC Habitat Biologist; CC Marine Resources Committee [MRC] Coordinator), Jim Parsons (Jamestown Seafood)

Call to Order / Introductions / Changes to Agenda

Tim Cochnauer called the meeting to order. A quorum was present at the beginning of the meeting. Mike Doherty noted that he had a couple of updates to make under the Good of the Order.

Public Comment / Approval of December Minutes Ann Soule moved to approve the December CC MRC Minutes as written; Bob Vreeland seconded. The motion passed unanimously.

Announcements

• Film Festival Collaboration with OCNMS and North Pacific Coast MRC: Chris Butler-Minor announced that this summer will be the 30th anniversary of the OCNMS. In celebration of the event, the Sanctuary will be collaborating with the North Pacific Coast MRC to host a Film Festival featuring local films about the marine environment on the Olympic Peninsula. Chris invited the CC MRC to participate in the Port Angeles element, which will take place at the Field Arts and Events Hall in July of 2024. Rebecca Mahan added that part of the event could showcase a table hosted by the CC MRC where they would be able to present information on their projects. The CC MRC agreed that they would like to participate. Mike Doherty requested a briefing on the OCNMS Climate Vulnerability Assessment when it is published this spring.

- Green Crab Update: In response to the request from the Board of County Commissions for MRC leadership, Rebecca Mahan, Ann Soule, and Tim Cochnauer have identified several European green crab resources. They hoped that a CC MRC member would take the topic on and report back to the full MRC with regular updates. *If anyone is interested in championing this topic, please contact Rebecca.
- Joint Meeting with Jefferson County in March: Rebecca Mahan announced that the joint meeting has been scheduled for 3/6/24 from 5:00 PM to 7:00 PM at Red Cedar Hall at the Jamestown S'Klallam Tribe. The meeting will include a presentation on treaty rights.

Presentation

Jim Parsons, president of the Pacific Aquaculture Alliance and CEO of Jamestown Seafood, presented an overview on the Jamestown S'Klallam Tribe's aquaculture operations and practices. He gave a brief introduction on why Jamestown Seafood was formed and what their operations were, why they believe that it is time for responsible marine farming of all species, and a look at other possible alternatives. The Tribe has oyster hatcheries in Kona, Hawaii, at Point Whitney, and at John Wayne Marina. They also have a geoduck hatchery at Point Whitney. In partnership with the National Oceanic and Atmospheric Administration's National Marine Fisheries Service, and Washington Sea Grant, the Tribe is also involved in a cooperative project for sablefish production (more information on the sablefish pilot project here). Jim explained that 85 percent of US seafood is imported, causing a deficit worth \$17 billion, \$6 billion of which is aquacultured salmonids. Roughly half of the imported seafood is farmed product, often coming from countries with far less stringent regulations than the US. Jim went over some of the technical improvements and regulations that came out of the appeal from the Wild Fish Conservancy to the Washington Supreme Court regarding net pens, and discussed land-based alternatives to aquaculture, which face problems with greater fish stock density. Jim invited viewers to continue engaging in the aquaculture discussion and emphasized that the Pacific Aquaculture Alliance believes that sustainably producing and providing seafood for all people is a worthy endeavor.

NWSC Update

Alan Clark gave an update on NWSC news. The last NWSC meeting took place on 12/5/23 and was reported on at the December CC MRC Meeting. The next NWSC meeting will be held remotely on 1/26/24. The biggest current issues are regarding kelp, so Alan saved that information for the Kelp Survey section under Field Project Updates. More information can be found on the NWSC website: https://nwstraits.org/.

Advisory Role

Subcommittee Status

Jeff Ward said that the Advisory Role Subcommittee had their first meeting in the second week of January and will be meeting again this Wednesday, 1/24/24. Subcommittee members include Jeff, Ann Stafford, Alan Clark, LaTrisha Suggs, and Chris Burns. Jeff and Alan are serving as co-chairs. They are creating an annotated outline for recommended reports that includes a timeline and a step-by-step roadmap for the advisory process, which they hope to have ready for full CC MRC Committee review by the April CC MRC Meeting.

Field Project Updates

Olympia Oyster

Chris Burns said they will start moving oyster shell by barge in the first week of March and are hoping to be able to use the State Park as the staging area.

Pigeon Guillemot

Ed Bowlby was not present for an update.

Forage Fish

Tim Cochnauer said they are continuing to collect samples.

Elwha Beach Stewardship

Helle Andersen reported that she was continuing to conduct surveys.

Ediz Hook Restoration

Helle said that the Clallam Conservation District is organizing two planting events in March for the enhancement project out at Ediz Hook.

Kelp Surveys

Alan Clark said there was a kickoff meeting with the NWSC featuring news about the decline of kelp in south Puget Sound. There are also troubling trends in other areas, although there are no negative trends in Clallam County besides the area around Protection Island, which has been in decline for some time. They are looking at different ways of monitoring the water column. Alan also spent some time working as a docent at the Feiro Marine Science Center for the traveling kelp exhibit from the Port Townsend Marine Science Center. The exhibit has one more Saturday at Feiro and Alan asked if anyone else would be interested in taking on the docent role. *Contact Alan if interested. More information on the Kelp Plan can be found at https://www.nwstraits.org/our-work/kelp/.

Shellfish Biotoxins

Bob Vreeland said that he would be resuming surveys in April.

Sound Toxins

Nancy Stephanz reported that the team did not survey last week because of the extreme cold. Two weeks ago, they observed poison toxins forming, but this week they saw none.

Pinto Abalone

Jeff Ward said that even though recreational fishing of pinto abalone has been shut down since 1994, the species has never recovered from over-harvest. Around the San Juan Islands, substantial work has been done to identify where the pinto abalone are and to develop culturing methods to outplant juveniles. That project has been extended to the Strait of Juan de Fuca. The first year of the project involves diver surveys from Port Angeles to Freshwater Bay, looking for remnant populations and potential outplant locations. The first kickoff meeting was held last week. The team is currently working on the quality assurance plan and subcontracts.

Education/Outreach

Coasters

Ann Soule suggested checking with local vendors to see if they need coasters restocked.

New Displays

Ann Soule said that there are three project posters completed, and they are planning posters for the next three projects: Forage Fish, Kelp, and Olympia Oysters. *If anyone is interested in participating, let Ann know. Nancy Stephanz mentioned that Alisa Taylor developed a draft for the Sound Toxins poster.

Future Presentations

- Rebecca Mahan said that Lee First with Twin Harbors Waterkeeper will be presenting on Protecting Old Growth Forests in our Waterways at the February CC MRC Meeting.
- Find the link to Dr. Catherine Copass's presentation to the Board of County Commissioners here, at about one hour into meeting: <u>https://clallam.granicus.com/player/clip/1955?&redirect=true&h=abc27db5c26be5716bf13d4a</u> dd34c2bc.

Other Updates/New Topics

Update on CC MRC Part-time Administrative Assistant Rebecca Mahan announced that the County had selected one of the applicants for the Administrative Assistant position.

Communication with our County Commissioners

After meeting and discussing this topic, Tim Cochnauer, Ann Soule, and Rebecca Mahan thought it would be beneficial for each of the district CC MRC representatives to meet with their district Commissioner on a list of topics. The district representatives are Ann Soule, Mike Doherty, and Jeff Ward. Tim said they would reach out with the list of topics to the district representatives.

Rescue Tug Letter

Mike Doherty stated that in response to a 2019 legislative mandate, the Department of Ecology and Washington State Pilotage are leading a series of workshops, the next one to be held on 1/26/24. Roche Harbor was selected as the preferred location for staging the tug. Additionally, there will be three public hearings in February regarding protocol and rulemaking on tug escorts.

Adopt a Beach for CoastSavers

Rebecca Mahan said that CoastSavers Coordinator Megan Juran is working on the scope of work, budgeting, and supply needs for the Adopt a Beach program. If it works with their grants, the CC MRC would like to select Elwha Beach to adopt for marine debris cleanup.

Recruiting for Open MRC Members

There are open seats for Development Community and Makah Tribe representatives.

Good of the Order

Chris Butler-Minor announced a European green crab symposium coming up next month, and a presentation from CoastSavers Coordinator Megan Juran in late February as part of the OCNMS and Feiro Speaker Series.

Public Comments

There were no public comments.

Adjournment

Chair Tim Cochnauer adjourned the meeting at 7:03 PM.

Action Items:

*If anyone is interested in championing the European green crab topic, please contact Rebecca Mahan. *If anyone is interested in the docent role at the Feiro Marine Life Center while the kelp exhibit is being featured, please contact Alan Clark.

*If anyone is interested in participating in the project posters, please let Ann Soule know.

CLALLAM MRC MEETING AGENDA



February 26, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



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For more information about the MRC, please contact Rebecca Mahan at (360) 417-2322

5:30 Welcome by Chair Tim Cochnauer

5:35 Call To Order / Introductions / Changes to Agenda

5:40 <u>Public Comment / Approval of Minutes</u> Approval January minutes.

5:45 Announcements

- Joint meeting with Jefferson County MRC March 6th 5-7:00 pm at Red Cedar Hall.
- Oyster shell transfer/spreading **March 4th -7th 7am-3pm** at Sequim Bay State Park.
- Ediz Hook Planting event March 26th & 28th Please sign up here.
- River and Ocean Film Festival July 2024 Port Angeles Field and Event Center.

6:00 Presentation

Lee First, Co-founder and Waterkeeper of <u>Twin Harbors Waterkeeper</u> will give a presentation on the connection and importance of protecting old growth forests along our waterways.

6:20 NWSC Update

NWSC monthly meeting – Alan Clark

6:25 Advisory Role

· Subcommittee status – Jeff Ward

6:30 Field Project Updates

- Olympia Oyster Chris Burns
- Pigeon Guillemot Ed Bowlby
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- Kelp surveys Jeff Ward & Alan Clark
- · Shellfish Biotoxins Bob Vreeland
- Sound Toxins Nancy Stephanz
- Pinto Abalone Jeff Ward & Alan Clark
- · Ediz Hook Helle Anderson

2024 Meetings

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6:35 <u>Education/Outreach</u>

- Coasters Ann Soule Rebecca has coasters in her office.
- · New Displays Ann Soule
 - Project posters underway
- Future Presentations:
 - Ideas? Topics?
- Discussion of Proposal to have Alexandra Morton author of "Not on my watch" to speak at CMRC meeting.

6:40 Other Updates/New Topics

- Communication with our County Commissioners Tim Cochnauer
- Green crab update CMRC's Lance Vail and Ioana Bociu volunteered.
- Rescue Tug Mike Doherty meeting update from 1/26/24
- Recruiting for open MRC members Development Community, Marine Related Recreation and Tourism and Makah Tribe.
- 6:50 Good of the Order
- 6:55 <u>Public Comment</u>
- 7:00 <u>Adjourn</u>

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

2024 Meetings
January 22
February 26
March 18

April 15 May 20 June 17

July 15 August 19 September 16 October 21 November 18 December 16



February 2024 Final Meeting Minutes

Date: Monday, February 26, 2024 Time: 5:30-7:21 PM Location: Zoom hybrid meeting Minutes Prepared by Rebekah Brooks

Members present: Helle Andersen (Marine Related Recreation and Tourism Alternate), Ioana Bociu (Academic Community Alternate), Chris Burns (Jamestown S'Klallam Tribe Alternate), Alan Clark (Community at Large; Northwest Straits Commission [NWSC]), Tim Cochnauer (Community at Large; Chair), Mike Doherty (District 3), Katharine Frazier (Port of Port Angeles Alternate), Robert Knapp (Jamestown S'Klallam Tribe), Lyn Muench (District 2 Alternate), Ann Soule (District 2; Vice Chair), Ann Stafford (Marine Related Recreation and Tourism), LaTrisha Suggs (City of Port Angeles), Bob Vreeland (Conservation and Environment)

Others present: Lee First (Twin Harbors Waterkeeper), Amelia Kalagher (CC Marine Resources Committee [MRC] Administrative Support), Joann LaBaw (member of the public), Rebecca Mahan (CC Habitat Biologist; CC MRC Coordinator)

Call to Order / Introductions / Changes to Agenda

Tim Cochnauer called the meeting to order. A quorum was present at the beginning of the meeting. Mike Doherty noted that he had some announcements to add.

Public Comment / Approval of January Minutes

Ann Stafford announced that this would be her last meeting as she was moving to Port Townsend. *Ann Soule moved to approve the second draft of the January CC MRC Minutes as written; Alan Clark seconded. The motion passed unanimously.*

Announcements

- Joint Meeting with Jefferson County MRC in March: Rebecca Mahan announced that the joint meeting has been scheduled for 3/6/24 from 5:00 PM to 7:00 PM at Red Cedar Hall at the Jamestown S'Klallam Tribe. The Jefferson County MRC has arranged dinner to be catered. The meeting will include a presentation on treaty rights from the Northwest Indian Fish Commission. *Rebecca sent out the agenda but will resend it as a reminder.
- Oyster Shell Transfer/Spreading: This is scheduled for 3/4/24-3/7/24 from 7:00 AM to 3:00 PM at Sequim Bay State Park. *Contact Chris Burns if interested in volunteering.

- Ediz Hook Planting Event: This is scheduled for 3/26/24 and 3/28/24. There is one remaining slot open for volunteers on 3/26/24 from 10:00 AM to 12:00 PM.
- River and Ocean Film Festival: This is scheduled for July 2024 at the Port Angeles Field and Event Center. Ian Miller is finalizing the agenda; the next step will be to submit a request for films.
- Jamestown S'Klallam Tribe Library: Mike Doherty announced that the new library is now open with around 5,000 items. It is open on Mondays through Fridays during normal business hours.
- Department of Energy Hearings: Rebecca Mahan sent out a notice with the various hearing times. The proposal is for increasing the amount of financial responsibilities of large oil facilities.
 *Mike will forward another notice, in addition to a summary prepared by the Friends of San Juan Islands that documents the reasons to support the increase. Rebecca noted that CC MRC members are not permitted to comment as a CC MRC member, but only as citizens.
- Sea Grant Calendar: Mike suggested contacting Washington Sea Grant to get on the distribution list for their collectible calendars.

Presentation

Lee First, Cofounder of Twin Harbors Waterkeeper, gave a presentation on the connection and importance of protecting old growth forests along our waterways. Lee has been in the Waterkeeper movement for about 18 years and lives in the Chehalis Basin. She spoke about floods, droughts, forest practices, and climate change. In 2007, the Chehalis Basin underwent a massive flood event that resulted in the loss of lives, property, and infrastructure. Causes of flooding in the Chehalis Basin and other areas include atmospheric rivers, forest mismanagement, floodplain development, and extensive industry. Last year, the Chehalis River broke the 95-year record for low flow. Its headwaters are in Weyerhaeuser landownership, where industrial logging on steep slopes with highly erodible soils has taken place for many years. In contrast, the headwaters for most Olympic Peninsula rivers are in the Olympic National Park, where they are protected from runoff by old growth trees that provide cold, slow, steady groundwater. In a clear-cut forest, the opposite is true: there is little vegetation, a lot of runoff, flooding, and a lower water table. This contributes to flashy hydrology and warmer stream temperatures. Lee discussed her research from a climate change perspective, which shows that older forests are extremely important, sequestering more water and carbon than younger or clear-cut forests. She talked about the role of legacy forests: forests that are at least 100-years old, have been logged once, are structurally complex and diverse, and regenerated naturally. These forests are becoming increasingly rare, but there are still many of them left on Department of Natural Resources (DNR) lands. Lee has been tracking DNR timber sales, which are scheduled to clearcut 7,000 acres over the next 18 months. In a lawsuit filed against DNR in Jefferson County in December 2023, the Jefferson County Superior Court approved an injunction to prevent DNR from logging or constructing new roads while the case is open. The Clallam County Board of County Commissioners determined that the Power Plant Timber Sale in the Elwha Watershed was more valuable to the community and conservation than if it was harvested to support County services. Additional scheduled units in the Elwha Watershed have been found to contain rare plants, and it is likely that those units will be protected. Lee described several other upcoming timber sales in the Elwha Watershed, and the low flows recorded at the McDonald Bridge Gage. Logging along the river and in its headwaters will contribute to lower low flows. For Lee, that is a very good reason to keep Legacy Forests intact. She suggested organizing walks to proposed units that contain Legacy Forests, studying the online Field Guide to the Rare Plants of Washington, supporting the Board of County Commissioners, attending Board of Natural Resources meetings, getting on the DNR's State Environmental Policy Act notification list, joining with others who are working on Legacy Forest issues, and writing to Hillary Franz. Discussion followed on the concern private timber landowners may have about additional regulations restricting future harvests. Lee welcomed additional questions via email: leefrider7@gmail.com.

NWSC Update

Alan Clark gave an update on NWSC news. The last NWSC meeting took place on 2/20/24. The meeting focused on a number of things, including a presentation from the Washington Department of Fish and Wildlife on the increasing demand for freshwater recreation in the North Puget Sound area; a review of the Boldt Decision Event; the formation of an ad hoc European green crab committee within the NWSC; an update on diversity, equity, and inclusion; and a recommendation from the Executive Committee for a second at-large tribal seat. It was also noted that the San Juan MRC benefited from Puget Sound Partnership's Nearshore Conservation Credit Program in the removal of creosote pilings, raising concerns about receiving aid from development; no recommendation was made, but it was agreed that more research and discussion were needed. The CC MRC discussed ways to increase Committee diversity, particularly to attract younger members. Amelia Gallagher spoke about Jefferson County MRC's process to adjust their bylaws for more diversity, equity, and inclusion. Suggestions included working with Lincoln High School to incorporate a youth and perhaps provide school science credits, involving students in field projects, or working with other high school or college groups. Tim Cochnauer suggested first contacting Jefferson County MRC for more direction on reformatting bylaws. After that, volunteers can take on the task of reaching out to different groups. More information can be found on the NWSC website: https://nwstraits.org/.

Advisory Role

Subcommittee Status

Alan Clark reported that things have moved forward well with the outline the subcommittee has created for an advisory process. A draft was distributed to the CC MRC. The subcommittee will be working with NWSC Executive Director Lucas Hart to finalize it before bringing it to the full CC MRC for approval. Subcommittee members include Jeff, Ann Stafford, Alan Clark, LaTrisha Suggs, and Chris Burns. Jeff and Alan are serving as co-chairs.

Field Project Updates

Olympia Oyster

Chris Burns said they were ready to start moving oyster shell by barge next week. They are watching the weather for ice, which may interfere with using the boat launch.

Pigeon Guillemot

Ed Bowlby said that the project is scheduled to start in June for 10 weeks of monitoring. Training will be scheduled for May. *Ed will send information on refresher training to Rebecca Mahan for distribution when it is available.

Forage Fish

Tim Cochnauer noted that they are continuing to collect samples but have not seen any eggs yet this year. Usually, the eggs are not seen until April or May.

Elwha Beach Stewardship

Helle Andersen said that she was continuing to conduct surveys. There was nothing new to report.

Kelp Surveys

Alan Clark reported that NWSC Science Coordinator Jeff Whitty was trying to meet in March to go over kelp issues, protocols, and survey changes. Alan found out that there would be a meeting for Peninsula volunteers in Neah Bay but did not know if Jeff Whitty would be available for that. Joanne Labaw is

writing an article about how to participate in surveys for the Olympic Peninsula Paddlers Newsletter. More information on the Kelp Plan can be found at <u>https://www.nwstraits.org/our-work/kelp/</u>.

Shellfish Biotoxins

Bob Vreeland will be resuming surveys in April; he is working on completing required forms and his annual report.

Sound Toxins

Nancy Stephanz was not present for an update.

Pinto Abalone

Rebecca Mahan said that they had a draft quality assurance plan together, and contracts with subcontractors were being signed this week.

Ediz Hook

Helle Anderson announced two planting events scheduled for 3/26/24 and 3/28/24; there is only one volunteer opening left.

Education/Outreach

Coasters

Coasters are available in Rebecca Mahan's office for distribution. Hook and Line Pub requested more.

New Displays

Ann Soule said that she had made some progress on the project posters for the next three projects: Forage Fish, Kelp, and Olympia Oysters.

Future Presentations

- *Send any ideas to Rebecca Mahan.
- Alexandra Morton, author of *Not on my Watch*: Tim Cochnauer suggested inviting Alexandra to speak at an upcoming CC MRC meeting to present the other side of net pens and aquaculture. The group discussed options and concerns regarding the education of the CC MRC and appropriate ways to communicate with the public on aquaculture and other community issues. *Ann Soule moved that the CC MRC find a speaker to present to the CC MRC regarding concerns about netpens; Ed Bowlby seconded.* Discussion followed on how to select the speaker. *Ed Bowlby made a friendly amendment to form a subcommittee to select the speaker/s.* *Volunteers included Tim Cochnauer, Ed Bowlby, Lyn Muench, and Bob Vreeland. The motion passed unanimously.

Other Updates/New Topics

Communication with our County Commissioners

District representatives Ann Soule and Jeff Ward are reaching out to their district Commissioners on a list of topics; no feedback has been received yet. Mike Doherty requested that his Alternate take that on for District 3.

Green Crab Update

*Ioana Bociu said that she would have an update for the next CC MRC meeting.

Rescue Tug Mike Doherty said there was nothing new to report.

Recruiting for Open MRC Members

There are open seats for Development Community, Marine Related Recreation and Tourism, and Makah Tribe representatives. The Makah Tribe is interested in providing a representative.

Good of the Order

Amelia Gallagher introduced herself and mentioned that *she would be getting in touch with the CC MRC members about volunteer hours and a shared file system. She is also working on the MRC website and welcomes feedback.

Public Comments

There were no public comments.

Adjournment

Chair Tim Cochnauer adjourned the meeting at 7:21 PM.

Action Items:

*Rebecca Mahan sent out the agenda for the joint meeting with Jefferson MRC but will resend it as a reminder.

*Contact Chris Burns if interested in volunteering for oyster shell placement.

*Mike will forward another notice about the Department of Energy hearings, in addition to a summary prepared by the Friends of San Juan Islands that documents the reasons to support the increase.

*Ed Bowlby will send information on Pigeon Guillemot refresher training to Rebecca Mahan for distribution when it is available.

*Send any ideas for future presentations to Rebecca Mahan.

*Volunteers for the Netpen Speaker Selection Subcommittee included Tim Cochnauer, Ed Bowlby, Lyn Muench, and Bob Vreeland.

*loana Bociu said that she would have an update on European green crab for the next CC MRC meeting.

*Amelia Kalagher will be getting in touch with the CC MRC members about volunteer hours and a shared file system.



Joint Clallam-Jefferson County Marine Resources Committee Meeting 5-7pm on Wednesday, March 6, 2024 Red Cedar Hall (<u>1033 Old Blyn Highway</u>)

Agenda

5-5:15 PM	Members Arrive and Sign-in
5:15-5:20 PM	Welcome – Robert Knapp (Jamestown S'Klallam Tribe Environmental Planning Manager)
5:20-6 PM	Presentation on Tribal Treaty Rights by Cecilia Gobin (Tribal Representative on the NW Straits Commission, Conservation Policy Analyst with the Northwest Indian Fisheries Commission, and Tulalip Tribal Member)
6-6:10 PM	Break
6:10-7 PM	Clallam and Jefferson MRC Member Discussions Light Dinner Provided + MRC Member Potluck Dessert
7 PM	Adjourn

Our sincerest gratitude to the Jamestown S'Klallam Tribe for hosting this meeting.

CLALLAM MRC MEETING AGENDA



March 18, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



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5:30 Welcome by Vice Chair Ann Soule (Tim Cochnauer excused absence)

5:35 Call To Order / Introductions / Changes to Agenda

5:40 Public Comment / Approval of Minutes

• Approval of February minutes

5:45 <u>Announcements</u>

- Joint meeting with Jefferson County MRC March 6th
- Moving storage space to Port Angeles work party March 19th & 25th
- Ediz Hook Planting event March 26th & 28th (all slots are full!)
- Shared drive created for file sharing between MRC members
 O Update all volunteer hours here grant deadline April 4

5:55 NWSC Update

• NWSC monthly meeting – Alan Clark

6:00 Advisory Role

- Subcommittee status Jeff Ward
- Aquaculture subcommittee members please respond to poll for initial meeting

6:15 Field Project Updates

- Olympia Oyster Chris Burns
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- Ediz Hook Helle Anderson
- Sound Toxins Nancy Stephanz
- Pinto Abalone Jeff Ward & Alan Clark

Projects inactive this month:

- Pigeon Guillemot Ed Bowlby
- Kelp surveys Jeff Ward & Alan Clark
- Shellfish Biotoxins Bob Vreeland

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6:30 Education/Outreach

- Coasters please help distribute to known as well as new venues
- New Displays Ann Soule
- Interns seeking project suggestions and volunteer mentors
- Website Amelia is taking suggestions for content, new ideas, etc.
- Future presentations:
 - April Max Showalter (DNR Executive Policy Team) to present on the <u>kelp and</u> <u>eelgrass health plan</u>
 - Additional topic suggestions?

6:40 Other Updates/New Topics

- Rescue tug letter Mike Doherty
- Green crab update CMRC's Lance Vail and Ioana Bociu volunteered
- River and Ocean Film Festival July 2024, Port Angeles Field & Event Center
- Recruiting for open MRC members Development Community, Marine Related Recreation & Tourism, Makah Tribe, and District III Alternate
- Upcoming elections in May for Chair and Vice Chair positions (Tim stepping down; Ann willing to continue as Vice Chair but not Chair)
- 6:50 Good of the Order
- 6:55 Public Comment
- 7:00 Adjourn

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

2024 Meetings
January 22
February 26
March 18

July 15 August 19 September 16 October 21 November 18 December 16



March 2024 Meeting Minutes

Date: Monday, March 18, 2024 Time: 5:30-7:08 PM Location: Zoom hybrid meeting Minutes Prepared by Rebekah Brooks

Members present: Chris Burns (Jamestown S'Klallam Tribe Alternate), Alan Clark (Community at Large; Northwest Straits Commission [NWSC]), Katharine Frazier (Port of Port Angeles), Robert Knapp (Jamestown S'Klallam Tribe), Allyce Miller (Lower Elwha Klallam Tribe Alternate), Ann Soule (District 2; Vice Chair), Nancy Stephanz (Conservation and Environment Alternate), Lance Vail (District 1 Alternate), Bob Vreeland (Conservation and Environment), Jeff Ward (District 1), Harmony Rutter (City of Sequim)

Others present: Holden Fleming (CC Deputy Director, Department of Community Development), Amelia Kalagher (CC Marine Resources Committee [MRC] Administrative Support), Rebecca Mahan (CC Habitat Biologist; CC MRC Coordinator), Joe Schmidt (member of the public)

Call to Order / Introductions / Changes to Agenda

Acting Chair Ann Soule called the meeting to order. A quorum was present at the beginning of the meeting.

Public Comment / Approval of February Minutes

Nancy Stephanz moved to approve the February CC MRC Minutes as written; Chris Burns seconded. The motion passed unanimously.

Announcements

- Joint Meeting with Jefferson County MRC on 3/6/24: Rebecca Mahan announced that the joint meeting was a success. Clallam County Commissioner Randy Johnson commented that he only wished it had been longer. Rebecca has a recording of the presentation on treaty rights from the Northwest Indian Fish Commission if anyone is interested. She expressed thanks to Robert Knapp and the Jamestown S'Klallam Tribe for hosting.
- Moving Storage Space to Port Angeles: Amelia Kalagher explained that it would be beneficial to move the CC MRC storage space to a more central location, at J & P Mini Storage behind Les Schwab in Port Angeles. Amelia will be working on the move on 3/19/24 and a work party is scheduled for 3/25/24.

- Ediz Hook Planting Event: This is scheduled for 3/26/24 and 3/28/24. All volunteer slots are full. There is five pounds of seed and 3,000 bare root plants to spread. A reporter will be present to take photos of the event.
- Shared Drive for CC MRC Members: Amelia created a shared drive for file sharing between CC MRC members, including private files for subcommittees. She reminded the group that volunteer hours are due to be entered this month, as the grant deadline is 4/4/24.

NWSC Update

Alan Clark gave an update on NWSC news. The next NWSC meeting is scheduled for 3/29/24. The Executive Committee received the good news that Senator Murray secured \$1 million for programmatic funding for the 2024 NWSC budget; this continues the congressionally directed spending funds and can be requested again next year. It also opens the door to ongoing appropriations and is another step toward a permanent appropriation for NWSC and MRCs. The Senator's staff said it was a big win but was hard won. The NWSC would like to thank Senator Murray through Puget Sound Day, and by collecting photos and video clips of MRC members at work saying thank you for the funds. It appears that the funding will continue to support programs that already exist, but it is possible that capacity could be increased as well. More information can be found on the NWSC website: https://nwstraits.org/.

Advisory Role

Subcommittee Status

Jeff Ward announced that the subcommittee completed their first task of producing a draft report that describes the process for new or existing actions in Clallam County that may affect marine resources. The draft was sent to the CC MRC Chair and Vice Chair. The subcommittee was formed in December 2023 with Jeff, Ann Stafford, Alan Clark, LaTrisha Suggs, and Chris Burns as volunteers. They began work on the draft report with Ann Soule's help in January 2024, then held twice monthly meetings from January to March. Guiding principles for the advisory process were to align with enabling legislation, resolutions, and bylaws; and to provide advice and consultation consistent with tribal treaty rights. The CC MRC roles and responsibilities come from the Board of County Commissioners (BoCC) Resolution 58-1999 and are defined as serving as an advisory committee to the BoCC; having a mission to address local marine issues and to recommend remedial efforts; and coordinating with other agencies, tribes, and entities. The subcommittee came up with four steps to look at an issue or action: 1: Identify a connection to marine resources; 2: Investigate by developing background information; 3: Integrate the likely positive or negative aspects; and 4: *Inform* by providing advice, education, outreach, or support. Discussion followed on the importance of communication and transparency, especially when it came to contentious issues. It was also suggested that the CC MRC have a representative present at the BoCC meetings. Jeff requested comments on the draft report from the full CC MRC by 3/29/24.

Aquaculture Subcommittee

Rebecca Mahan sent out a second Doodle poll about an initial meeting to discuss another aquaculture presentation, because no one had responded to the first poll. *She requested members to please respond and will send the poll out again.

Field Project Updates

Olympia Oyster

Chris Burns reported that four thousand bags of oyster shell were successfully distributed to beaches. The project is now moving into phase two, which will involve spreading the shell, and may also include putting out some seeded cultch. Rebecca added that Sasha Horst said that was outside the scope for the project funding, but it could be added as an amendment.

Forage Fish Tim Cochnauer was not present for an update.

Elwha Beach Stewardship Rebecca Mahan said she was in communication with the portable toilet company about posting a CC MRC sticker with a QR code.

Ediz Hook There are two planting events scheduled; see announcements for more information.

Sound Toxins

Nancy Stephanz reported that they are continuing weekly sampling. Today's sample showed very few toxins. She attended a Sound Toxins event in Seattle and learned that three new sites were being initiated.

Pinto Abalone Jeff Ward said that they were on track with the quality assurance plan. Field work will not start until October.

Projects Inactive this Month (no updates):

Pigeon Guillemot

Kelp Surveys Information on the Kelp Plan can be found at <u>https://www.nwstraits.org/our-work/kelp/</u>.

Shellfish Biotoxins

Education/Outreach

Coasters Coasters are available in Rebecca Mahan's office for distribution to known and new venues.

New Displays

Ann Soule said there was nothing new to report on the project posters for the next three projects: Forage Fish, Kelp, and Olympia Oysters.

Interns

Project suggestions and volunteer mentors are needed. Ann Soule explained that the CC MRC was working with Peninsula College to try to integrate the internship program with the student programs so that the student interns could receive payment without being hired as County employees.

Website

Amelia Kalagher is taking suggestions for content and new ideas for the CC MRC website. She has been working on the back pages and would like to hear ideas for the homepage and what project leads would like to include for their project pages. *Please send suggestions to Amelia.

Future Presentations

- CC MRC April Meeting: Max Showalter (Department of Natural Resources Executive Policy Team) will present on the kelp and eelgrass health plan, which can be found here: https://app.leg.wa.gov/ReportsToTheLegislature/Home/GetPDF?fileName=2023_KelpAndEelgrassHealthAndConservation_Prioritization%20Plan_196dcf40-a44c-47f2-b973-7c11f578a5b0.pdf.
- Addition topic suggestions: The group discussed a recent presentation to the Dungeness Resource Management Team on the La Nina and El Nino periods and the possibility of inviting a similar presentation to the CC MRC.

Other Updates/New Topics

Rescue Tug Letter Mike Doherty was not present for an update.

Green Crab Update

Ioana Bociu, Joann LaBaw, and Lance Vail have all volunteered to provide updates. Lance said that he had been focusing on distributing Catch More Crab and European green crab cards at the boat launches. He has talked to local fishers who were not sure about trapping plans for this year. Talking to people at the Port Angeles City Pier who were unloading their boats has not been effective in the past, but he is planning to hand out rot cord to crabbers as a way to initiate conversations.

River and Ocean Film Festival

The Film Festival is scheduled for 7/24/24 at the Port Angeles Field and Events Center. Rebecca Mahan sent out the link: <u>https://wsg.washington.edu/community-outreach/outreach-detail-pages/river-and-ocean-film-festival/</u>. *Please distribute the request for films; the deadline for submittal is 4/22/24.

Recruiting for Open MRC Members

There are open seats for Development Community, Marine Related Recreation and Tourism, Makah Tribe, and District 3 Alternate representatives. The Makah Tribe is interested in providing a representative. Rebecca Mahan sent them the application.

Upcoming Elections

The elections for CC MRC Chair and Vice Chair will be held at the May meeting. Tim Cochnauer will be stepping down as Chair. Ann Soule is willing to continue as Vice Chair, but not as Chair. Ann and Tim will be happy to talk to anyone who is interested in what the position involves.

Good of the Order

Rebecca Mahan reported some leftover funds from the oyster project that will be spent on an amendment to add the seeded cultch. The projects are all progressing well; there is information on budgets and grants available to anyone who is interested. Nancy Stephanz noted that Rebecca was quoted in an article on Pacific lamprey in the HighCountry Newsletter: <u>https://www.hcn.org/issues/56-3/saving-the-pacific-lamprey/</u>. Rebecca added that there will be a Pacific lamprey training at the Dungeness River Center in June.

Public Comments

Joe Schmidt discussed his history as CC MRC Chair and explained that Clallam County has always been a leader, changing the way government thinks about projects. He brought up the issue of shellfish biotoxins and his concern about shellfish toxins moving up the food chain. Shellfish monitoring used to be done year-round, as paralytic shellfish poisoning can occur at any time of year. With food insecurity a rising issue, more people are digging their own clams, making the need for year-round sampling even more important for public safety. Joe was concerned that Pillar Point and Freshwater Bay were not being sampled over the winter. Rebecca Mahan explained that Bob Vreeland does sample those beaches from spring to fall, but that tides and funding restrict the winter sampling. Joe would like to generate enough interest that year-round sampling would be possible. Rebecca suggested writing that in as an amendment for the next funding cycle.

Adjournment

Vice Chair Ann Soule adjourned the meeting at 7:08 PM.

Action Items:

*Rebecca Mahan requested members to please respond to the aquaculture poll and will send the poll out again.

*Please send CC MRC website suggestions to Amelia Kalagher.

*Please distribute the request for films for the Film Festival; the deadline for submittal is 4/22/24.

CLALLAM MRC MEETING AGENDA



April 15, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: https://us06web.zoom.us/j/85314804485 Meeting ID: 853 1480 4485 Passcode: 12345 For more information about the MRC, please contact Rebecca Mahan at (360) 417-2322

5:30 Welcome by Chair Tim Cochnauer

- 5:35 **Call To Order / Introductions**
- 5:40 **Public Comment / Approval of Minutes**
 - Approval of March minutes

5:45 Announcements

- Storage space moved to Port Angeles J&P Mini Storage
- Annual report (Oct 2022-Sept 2023) complete and available

5:50 **Presentation**

- Max Showalter and Cynthia Harbison, of the Washington Department of Natural Resources, will present on the kelp and eelgrass health plan
 - Seeking discussion from MRC members 0

6:20 **NWSC Update**

NWSC monthly meeting – Alan Clark

6:25 **Advisory Role**

- Subcommittee status Tim Cochnauer and Ann Soule
- Aquaculture subcommittee next steps Tim Cochnauer

6:35 **Field Project Updates**

- Olympia Oyster Chris Burns .
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- Ediz Hook Helle Anderson
- Sound Toxins Nancy Stephanz
- Pinto Abalone Jeff Ward & Alan Clark

Projects inactive this month:

- Pigeon Guillemot Ed Bowlby
- Kelp surveys Jeff Ward & Alan Clark
- Shellfish Biotoxins Bob Vreeland

2024 Meetings

January 22	April 15	July 15	October 21
February 26	May 20	August 19	November 18
March 18	June 17	September 16	December 16

6:50 Education/Outreach

- · Coasters please help distribute to known as well as new venues
- New Displays Ann seeking input from project leads wanting a new poster
- · Interns Ann and Rebecca pursuing intern possibilities
- Website Amelia is taking suggestions for content, new ideas, etc.
- Future presentations topic suggestions?

7:00 Other Updates/New Topics

- · Rescue tug letter Mike Doherty
- Green crab update Ioana Bociu and Joann Labaw volunteered
- <u>River and Ocean Film Festival</u> July 2024, Port Angeles Field & Event Center submission deadline in one week, April 22
- Recruiting for open MRC members Development Community, Marine Related Recreation & Tourism, Makah Tribe, and District III Alternate
- Upcoming elections in May for Chair and Vice Chair positions (Tim stepping down; Ann willing to continue as Vice Chair but not Chair)

7:15 Good of the Order

- 7:20 Public Comment
- 7:25 <u>Adjourn</u>

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

2024 Meetings	
January 22	
February 26	
March 18	

July 15 August 19 September 16 October 21 November 18 December 16

STATEWIDE KELP FOREST AND EELGRASS MEADOW HEALTH AND CONSERVATION PLAN

15 April 2024 Clallam MRC Meeting



DNR KELP AND EELGRASS PRIORITIZATION PLAN

GOALS OF THE STATEWIDE KELP AND EELGRASS PLAN:



Protect and recover at least 10,000 acres of priority native kelp & eelgrass habitat by 2040



Identify and mitigate stressors in priority habitats



Monitor distribution and trends in priority habitats

DEVELOPMENT PROCESS

- Staff-to-staff Tribal engagement
- Convened expert working group of Tribes, academia, government, non-profits
- Held public workshops
- Early Tribal review

ATURAL RESOURCES **KELP AND EELGRASS ENGAGEMENT PLAN** (2SSB 5619) RCW 79.135.440 Prepared by Washington State Department of Natural Resources Office of the Commissioner of Public Lands, Hilary Franz December 1, 2022 ASHINGTON STATE DEPARTMENT OF ATURAL RESOURCES

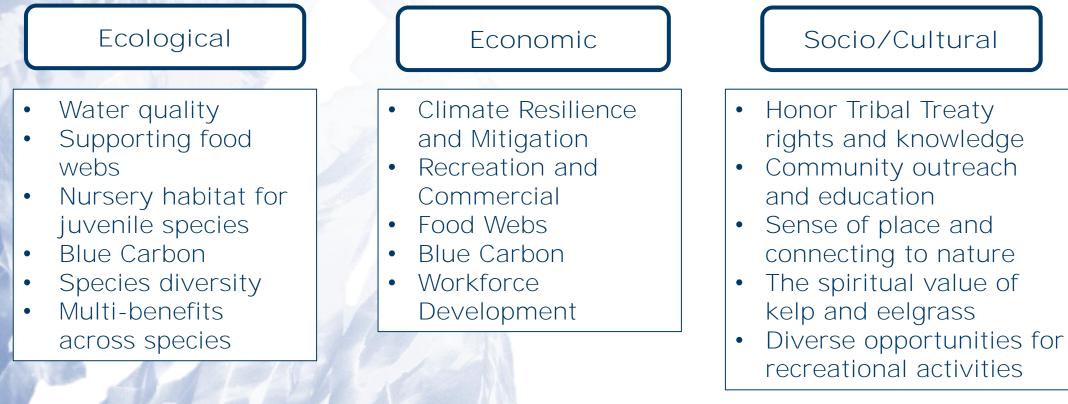
FRAMEWORK OUTLINE

1. Why protect kelp and eelgrass?

2. What habitats can we best protect or recover?

3. How will we protect or recover habitats?

WHAT DOES VALUABLE MEAN?



For a workshop summary and recordings, visit: dnr.wa.gov/kelp-and-eelgrass-plan



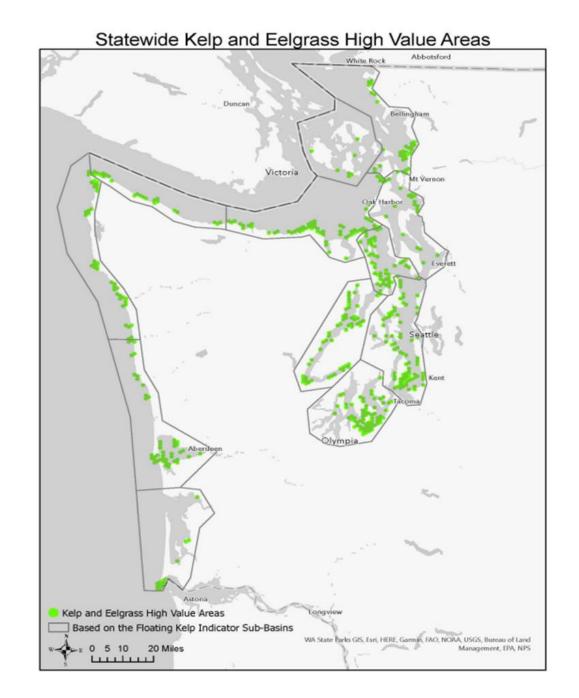
PRIORITIZATION FRAMEWORK

STEP 1: STATEWIDE HIGH VALUE AREA IDENTIFICATION



HIGH VALUE AREAS

- Mapped areas of shared ecological, economic, and cultural value
- Identified gaps in knowledge and need for deeper local context



PRIORITIZATION FRAMEWORK

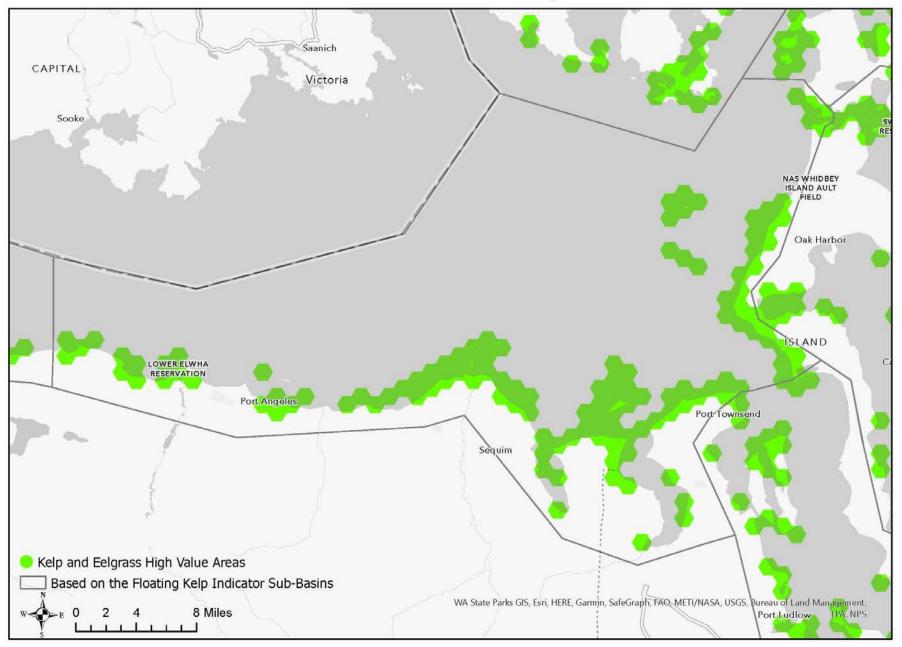
STEP 1: STATEWIDE HIGH VALUE AREA IDENTIFICATION



STEP 2: SUB-BASIN SCALE PRIORITY AREA IDENTIFICATION



Eastern Strait of Juan de Fuca High Value Areas



IMPLEMENTATION GOALS

- 1. Support ongoing efforts by DNR and partners, particularly in High Value Areas
- 2. Identify ways to support new efforts in High Value Areas
- 3. Identify at least 10,000 acres of DNR managed lands for DNR-lead conservation and recovery actions; and
- 4. Proactively identify and leverage opportunities for conservation and recovery as they arise.



IMPLEMENTATION GOALS

- 1. Support ongoing efforts by DNR and partners, particularly in High Value Areas
- 2. Identify ways to support new efforts in High Value Areas
- 3. Identify at least 10,000 acres of DNR managed lands for DNR-lead conservation and recovery actions; and
- 4. Proactively identify and leverage opportunities for conservation and recovery as they arise.

Kelp Monitoring

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Kelp beds are highly productive nearshore habitats that support commercial and sport fish, invertebrates, marine mammals and marine birds. Many factors, both natural and anthropogenic, affect the extent and composition of kelp beds. For example, elevated water temperature and intense sea urchin grazing can decimate kelp beds. El Nino events stress kelp by producing several winter storms and reducing upwelling events, which normally replenish the



nutrients in the water column. Human influences on kelp beds include sewage and other runoff that decrease water quality and reduce light in the water column. Human activity can also lead to changes in substrate size, which can either increase or decrease available kelp habitat. Kelp plants can be physically damaged by boat propellers and fishing gear. Commercial harvest is not a significant factor of concern in Washington State due to a law prohibiting this practice.

Nearshore Habitat Program

CONTACT

360-902-1030 nearshore@dnr.wa.gov

RELATED LINKS

Nearshore Habitat Program Biotic Community Monitoring Eelgrass Monitoring Eelgrass Stressor Response Program Seagrass Restoration Inventory Special Projects Publications Puget Sound Eelgrass Monitoring Data Viewer WA Marine Vegetation Atlas

The Nearshore Habitat Program surveys and monitors kelp in Puget Sound and along the open coast. The Nearshore Habitat Program also facilitates the Washington State Kelp Research and Monitoring Workgroup.

NEW STATEWIDE FLOATING KELP INDICATOR

In May 2023, a new statewide floating kelp indicator was released to inform management and research actions. An alliance of diverse organizations completed the project, including the DNR Nearshore Habitat Program, The Samish Indian Nation, The Northwest Straits Commission and the county Marine Resource Committees, University of Washington, Sea Grant and Marine Agronomics. The indicator will be added to The Puget Sound Partnership's Vital Signs.

- Statewide Summary Report
- Monitoring Program Design and Data Assessment Protocols
- Interactive Map

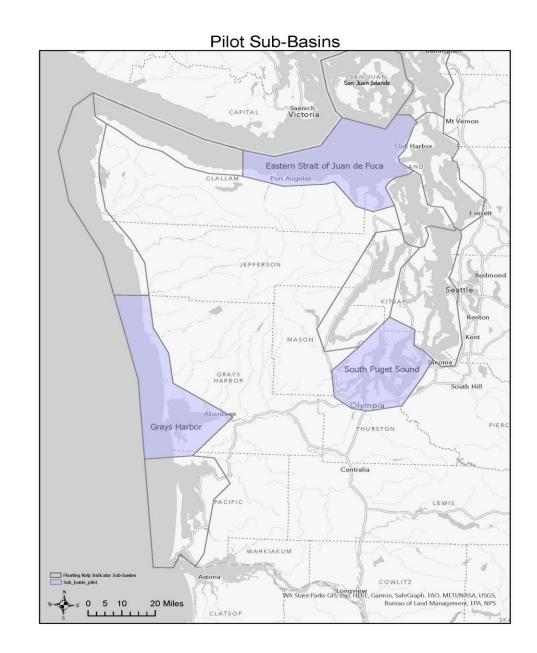
IMPLEMENTATION GOALS

- 1. Support ongoing efforts by DNR and partners, particularly in High Value Areas
- 2. Identify ways to support new efforts in High Value Areas
- 3. Identify at least 10,000 acres of DNR managed lands for DNR-lead conservation and recovery actions; and
- 4. Proactively identify and leverage opportunities for conservation and recovery as they arise.



IMPLEMENTATION GOALS

- 1. Support ongoing efforts by DNR and partners, particularly in High Value Areas
- 2. Identify ways to support new efforts in High Value Areas
- 3. Identify at least 10,000 acres of DNR managed lands for DNR-lead conservation and recovery actions; and
- 4. Proactively identify and leverage opportunities for conservation and recovery as they arise.



SUB-BASIN PLANNING

Desired Outcomes

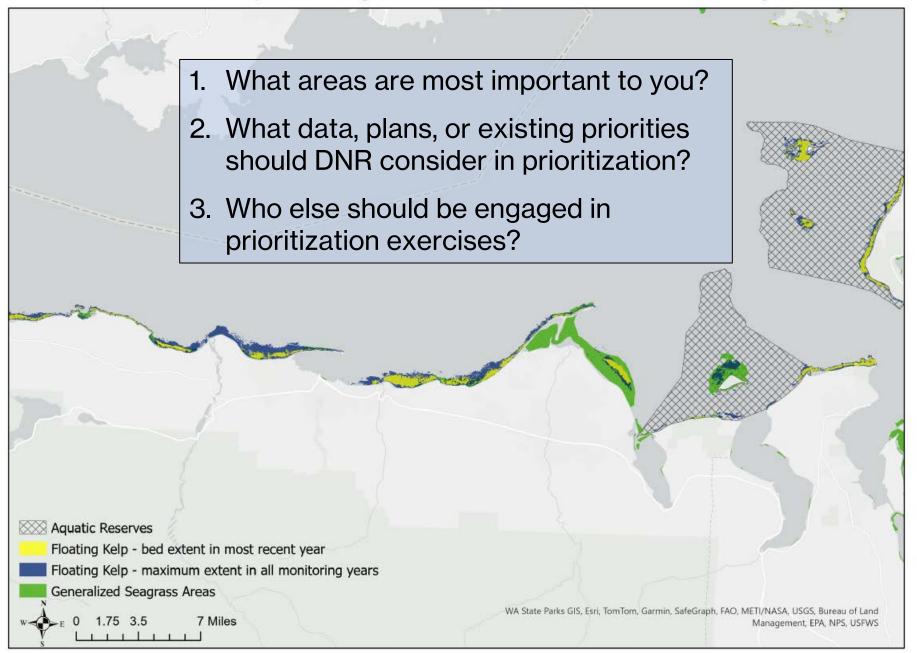
A kelp and eelgrass protection zone that:

- Has strong ecological value, given an overview of stressors and trends
- Reflects Tribally identified values and needs, with full Tribal support
- Has partner and public buy-in
- State-owned aquatic lands available for a withdrawal order

A high-level plan of activities associated with the protection zone with:

- Developed with Tribes as co-stewards
- A synthesis of stressors in the area
- At least one key partner
- DNR resources that can be applied or are needed

Statewide Kelp and Eelgrass Health Plan - Eastern Strait Layers



CONTACTS

Cynthia Harbison

cynthia.harbison@dnr.wa.gov

Max Showalter

max.showalter@dnr.wa.gov

dnr.wa.gov/kelp-and-eelgrass-plan



Statewide Kelp and Eelgrass Health Plan - Eastern Strait Layers

 What areas are most important to you?
 What data, plans, or existing priorities should DNR consider in prioritization?
 Who else should be engaged in prioritization exercises?

Aquatic Reserves
 Floating Kelp - bed extent in most recent year
 Floating Kelp - maximum extent in all monitoring years
 Generalized Seagrass Areas
 W E 0 1.75 3.5 7 Miles

-WA State Parks GIS, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USFWS



April 2024 Meeting Minutes

Date: Monday, April 15, 2024 Time: 5:30-7:28 PM Location: Zoom hybrid meeting Minutes Prepared by Rebekah Brooks

Members present: Helle Andersen (Marine Related Recreation and Tourism Alternate), Ioana Bociu (Academic Community Alternate), Ed Bowlby (Academic Community), Chris Burns (Jamestown S'Klallam Tribe Alternate), Alan Clark (Community at Large; Northwest Straits Commission [NWSC]), Tim Cochnauer (Community at Large; Chair), Mike Doherty (District 3), Allyce Miller (Lower Elwha Klallam Tribe Alternate), Ann Soule (District 2; Vice Chair), Nancy Stephanz (Conservation and Environment Alternate), LaTrisha Suggs (Port Angeles City Council), Bob Vreeland (Conservation and Environment), Jeff Ward (District 1)

Others present: Cynthia Harbison (Washington Department of Natural Resources [DNR]), Amelia Kalagher (CC Marine Resources Committee [MRC] Administrative Support), Joanne LaBaw (member of the public), Cathy Lear (CC), Rebecca Mahan (CC Habitat Biologist; CC MRC Coordinator), Chris Rumple (Pacific Northwest National Laboratory), Max Showalter (Washington DNR)

Call to Order / Introductions / Changes to Agenda

Chair Tim Cochnauer called the meeting to order. A quorum was present at the beginning of the meeting. *The agenda was approved by consensus.*

Public Comment / Approval of March Minutes

Alan Clark moved to approve the third draft March CC MRC Minutes as written; Chris Burns seconded. The motion passed unanimously.

Announcements

- Storage Space Moved to Port Angeles: Amelia Kalagher thanked the volunteers who helped with the successful move to J & P Mini Storage behind Corner Restaurant in Port Angeles. *Let her know if you need a key for access.
- Annual Report (Oct 2022 Sept 2023): Rebecca Mahan announced that the Annual Report was complete and available.

Washington DNR Presentation on the Kelp and Eelgrass Health Plan

Cynthia Harbison and Max Showalter presented on the Statewide Kelp Forest and Eelgrass Meadow Health and Conservation Plan, which was developed to meet the need to identify priority habitat for restoration actions on a statewide scale. Three high-level goals of the plan are to 1: Protect and recover at least 10,000 acres of priority native kelp and eelgrass habitat by 2040; 2: Identify and mitigate stressors in priority habitats; and 3: Monitor distribution and trends in priority habitats. The development process involved tribal engagement; a working group of tribes, academia, government, and non-profits; public workshops; and early tribal review. The framework outline asks three questions: 1: Why protect kelp and eelgrass?; 2: What habitats can we best protect or recover?; and 3: How will we protect or recover habitats? They spent the last year mostly working on the first question, and developed ecological, economic, and socio-cultural values. A two-step framework was developed to identify priority values: Step 1: Statewide High Value Area identification, which mapped areas of shared ecological, economic, and cultural value and identified gaps in knowledge and the need for deeper local context; and Step 2: Sub-basin scale High Value Area identification, which focused on site selection and an implementation process, and integrated local data. Cynthia gave an example of the eastern Strait of Juan de Fuca High Value Area, and said they were excited to be starting in an area that has a lot of healthy habitat, but also room for improvement. Max discussed the goals for sub-basin implementation, which are 1: Support ongoing efforts by DNR and partners, particularly in High Value Areas; 2: Identify ways to support new efforts in High Value Areas; 3: Identify at least 10,000 acres of DNR-managed lands for DNR-lead conservation and recovery actions; and 4: Proactively identify and leverage opportunities for conservation and recovery as they arise. Desired outcomes for sub-basin planning include a kelp and eelgrass protection zone that has strong ecological value, reflects tribal needs and support, has partner buy-in, and is on state-owned aquatic lands. They are looking for input on what areas are most important to local communities; what data, plans, or existing priorities DNR should consider in prioritization; and who else should be engaged in prioritization exercises. The group discussed the CC MRC kelp and eelgrass surveys and suggested reaching out to local fishing groups and the Pacific Northwest National Laboratory. More information on kelp monitoring can be found at: https://www.dnr.wa.gov/publications/aqr_nrsh_monitoring_bull_kelp_multispectral_uas.pdf. Max and Cynthia can be contacted at: max.showalter@dnr.wa.gov or cynthia.harbison@dnr.wa.gov.

NWSC Update

Alan Clark gave an update on NWSC news. The next NWSC meeting is scheduled for 4/27/24. The Great Islands Cleanup in the San Juan Islands is scheduled for 4/20/24; more information can be found at: https://www.sanjuancountywa.gov/CivicAlerts.aspx?AID=1600. The Jefferson County MRC will be hosting their Digging for Dinner Event on 4/27/24; tickets can be reserved at: https://www.eventbrite.com/e/digging-for-dinner-tickets-873035311117. The joint CC and Jefferson County MRC meeting sparked a lot of interest. Puget Sound Day on the Hill is scheduled for 5/13/24 to 5/17/24. Representatives from NWSC will be attending. Whatcom MRC is working with Whatcom County on their Comprehensive Plan; Alan will pass along more information as things progress. The NWSC MRC Meeting will be held in November; Alan will pass those details on as they are forthcoming. Mike Doherty noted that the deadline for comments for Clallam County Hazard Mitigation is coming up; sea level rise and other marine-related climate change impacts will be relevant to add. *Rebecca Mahan said she would resend it. Amelia Kalagher added that the Jefferson County MRC has a county commissioner on the committee to help with communication between the County and the MRC. Alan suggested that Clallam County follow suit; it was suggested that Com Ozias, as our liaison, try to attend 2-4x/year. Rebecca noted that she does send emails to the county commissioners and to the director of the Department of Community Development reminding them of every CC MRC meeting. More information can be found on the NWSC website: https://nwstraits.org/.

Advisory Role

Subcommittee Status

Ann Soule reported that the Advisory Role Draft Procedures were sent out and feedback was received and incorporated. Mike Doherty suggested including county staff from the Department of Health and Human Services, and that the Board of Health could be listed as another source. Next month's CC MRC meeting will include a vote for approval of the Advisory Role Procedures. A footnote was added to Step 1, adding a policy that the MRC should request notification for actions that will affect the marine or nearshore environments by casting a wide net, such as a letter to DCD, BOCC, Board of Health, etc. Deputy Director of the Department of Community Development Holden Fleming will respond to the CC MRC about the appropriate contacts. Jeff Ward thanked Alan Clark, LaTrisha Suggs, Chris Burns, Ann Stafford, Rebecca Mahan and other staff, and Ann Soule for their help with the Advisory Role process.

Aquaculture Subcommittee Next Steps

Tim Cochnauer said that no progress had been made on this subcommittee yet. Rebecca Mahan noted that there was no response to the Doodle Poll, but *she will send it out again tomorrow. *Volunteers included Ed Bowlby, Lyn Muench, Tim Cochnauer, and LaTrisha Suggs.

Field Project Updates

Olympia Oyster

Chris Burns announced that the tentative date for broodstock collection is 4/29/24. A Washington Conservation Corps crew will be helping spread the oyster shell on 5/28/24 and 5/29/24. Population survey dates are yet to be confirmed.

Forage Fish

Ioana Bociu reported that the survey went well the night before.

Elwha Beach Stewardship

Helle Andersen said she was continuing surveys but had nothing new to report.

Ediz Hook

Allyce Miller said that three thousand beach plants were planted, and five pounds of seed were spread by about 60 volunteers, including students. More property was planted than was expected. Two loads of derelict asphalt were disposed of as well. It was very productive.

Sound Toxins

Nancy Stephanz noted that Amelia Kalagher had joined the survey team. They detected 24 genera today, and a couple species that can produce toxins.

Pinto Abalone

Jeff Ward and Alan Clark had nothing new to report.

Projects Inactive this Month:

Pigeon Guillemot

Ed Bowlby mentioned that surveys would start in the first week of June and continue for at least 10 weeks.

Kelp Surveys

Alan Clark reported that the Kelp Kayak Work Group met. San Juan County is not currently monitoring, but a lot of things were discussed, including providing more information on kelp conditions, looking more at the substrate, and creating ideal data sets. A drone pilot may be able to help. The Kayak Kickoff is scheduled for 5/1/24 in Neah Bay. They are looking for one or two people to attend the Kickoff event in Neah Bay and run another one in Port Angeles. Joanne LaBaw is helping to recruit new members from the Olympic Peninsula Paddlers and asked for training dates. *Alan will circle back with Max Showalter and Cynthia Harbison to fine tune efforts. Information on the Kelp Plan can be found at https://www.nwstraits.org/our-work/kelp/.

Shellfish Biotoxins

Bob Vreeland announced that surveys will start on 4/24/24.

Education/Outreach

Coasters

Coasters are available in Rebecca Mahan's office for distribution to known and new venues. Ann Soule asked for volunteers to distribute them before mid-summer. Rebecca Mahan noted that Hook and Line Pub loves the coasters and is a good place to take more.

New Displays

Ann Soule is seeking input from project leads for Crab, Toxins, and Pigeon Guillemots so that the posters can be completed before the fall festival season.

Interns

Ann Soule and Rebecca Mahan are in discussion with Peninsula College about tasks and credits for potential interns. Tim Cochnauer is going to be the project lead, and will be gathering information from other project leads to see if there are enough hours to give interns college credit. Rebecca is working with Sasha Horst to see if interns can be paid.

Website

Amelia Kalagher is taking suggestions for content and new ideas for the CC MRC website. She is continuing to update pages with fresh content and is also adding a Pinto Abalone page. *She will send draft pages to the project leads. *Please send suggestions to Amelia.

Future Presentations

*Please bring suggestions to the Chair, Vice Chair, and Coordinator. Ann Soule noted that there was an interesting presentation about biotoxins making their way up the food chain that was given by Don Anderson to the Olympic Natural Resources Center; the link for the presentation can be found here: https://www.youtube.com/watch?v=gdAiqnWgZww. She added that another option for member education/enlightenment is to broadcast a recorded presentation like this one in webinar format immediately follow a monthly meeting, so members can watch together and chat/comment. *The officers will discuss this idea for the future.

Other Updates/New Topics

Rescue Tug Letter and Other Updates

Mike Doherty said that Department of Ecology staff were still on track to meet legislative deadlines for the rescue tug. Another meeting is scheduled for the end of the month. The Trans Mountain Pipeline project is progressing in Canada and is facing a lot of opposition. It would result in at least six times more tankers in the Strait of Juan de Fuca. The 42nd anniversary of the Northern Tier Pipeline veto was celebrated on 4/8/24. He also added that there were over 1800 governments active in litigation on global warming impacts.

Green Crab Update

Ioana Bociu announced that the Washington Department of Fish and Wildlife (WDFW) has emergency measures funding for European green crab through 2025. In 2023, there was a large trapping effort in 150 locations. Much of Washington remains relatively uninvaded, but the coastal areas are being impacted. WDFW has advised that the crabs are photographed and reported; Ioana suggested that that was something the CC MRC could become involved in. Joanne LaBaw added that Washinton Sea Grant did a training last month. She is participating with the Dungeness survey team; they found six green crabs last week. Specimens are collected and frozen. Nancy Stephanz said she took a molt survey course and reports her finds when she is able. Ed Bowlby and Mary Sue Brancato participate in the Jamestown S'Klallam Tribe surveys.

River and Ocean Film Festival

The Film Festival is scheduled for 7/24/24 at the Port Angeles Field and Events Center. Rebecca Mahan sent out the link: <u>https://wsg.washington.edu/community-outreach/outreach-detail-pages/river-and-ocean-film-festival/</u>. *Please distribute the request for films; the deadline for submittal is 4/22/24.

Recruiting for Open MRC Members

There are open seats for Development Community, Marine Related Recreation and Tourism, Makah Tribe, and District 3 Alternate representatives. Rebecca Mahan has not received any applications yet, but interested parties can contact her. Ann Soule is talking to Arnold Schouten about a potential member from Surfrider for the recreation seat.

Upcoming Elections

The elections for CC MRC Chair and Vice Chair will be held at the May meeting. Tim Cochnauer will be stepping down as Chair. Ann Soule is willing to continue as Vice Chair, but not as Chair. Ann and Tim will be happy to talk to anyone who is interested in what the position involves, and *will make a list of responsibilities.

Good of the Order

- LaTrisha Suggs announced that Port Angeles is doing an Earth Day Proclamation and requested that the CC MRC accept the proclamation at the City Council meeting tomorrow night. *A representative for the CC MRC will attend to accept the proclamation.
- Ann Soule said she heard about a proposal regarding Co2 capture that involves intense operations in a marine environment. The group discussed the location (PA Harbor) and operations of the proposal from "Ebb Carbon". The application to override public interest is due on 5/3/24. *Rebecca Mahan will resend information on the proposal.
- Mike Doherty requested a refresher on the Open Public Meetings Act.
- It was noted that projects like Olympic oyster restoration sometimes needs many volunteers, and it was suggested that the MRC might need its own volunteer coordinator to ensure coverage for field projects, educational activities, and others.

Public Comments

Pacific Northwest National Laboratory engineer Chris Rumple said he would like to be more involved with the CC MRC.

Adjournment

Chair Tim Cochnauer adjourned the meeting at 7:28 PM.

Action Items:

*Let Amelia Kalagher know if you need a key for access to the new storage unit.

*Rebecca Mahan said she would resend the link to the survey for public comments on Clallam County Hazard Mitigation.

*Rebecca will send the Doodle Poll for the Aquaculture Subcommittee out again tomorrow.

*Volunteers for the Aquaculture Subcommittee included Ed Bowlby, Lyn Muench, Tim Cochnauer, and LaTrisha Suggs.

*Alan Clark will circle back with Max Showalter and Cynthia Harbison to fine tune Kelp Survey efforts. *Amelia will send draft website pages to the project leads.

*Please send website suggestions to Amelia.

*Please bring future presentation suggestions to the Chair, Vice Chair, and Coordinator.

*The officers will discuss showing recorded presentations as webinars for members, following future monthly meetings.

*Please distribute the request for films for the Film Festival; the deadline for submittal is 4/22/24. *Ann Soule and Tim will make a list of Chair and Vice Chair responsibilities.

*A representative for the CC MRC will attend the Port Angeles City Council meeting to accept the Earth Day Proclamation.

*Rebecca will resend information on the Co2 capture proposal.

CLALLAM MRC MEETING AGENDA



May 20, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: <u>https://us06web.zoom.us/j/85314804485</u> Meeting ID: 853 1480 4485 Passcode: 12345 For more information about the MRC, please contact Rebecca Mahan at (360) 417-2322

5:30 Welcome by Chair Tim Cochnauer

- 5:35 Call To Order / Introductions
- 5:40 Public Comment / Approval of Minutes
 - Approval of April minutes

5:45 Presentation: social science research proposal focused on kelp

- David Trimbach, Conservation Social Scientist with WDFW, will discuss his proposal for social science research on the ecosystem services provided by kelp
- · Clallam MRC's potential involvement as a project partner

5:55 Election of Officers

- · Officer volunteers and nominations: Chair, Vice Chair, NWSC Representative
- Vote on prospective officers

6:05 <u>Announcements</u>

- Volunteers needed for oyster shell spread events May 28 and 29, 10:30-4:30 email Annie Raymond to sign up
- Annual report available on MRC website

6:10 NWSC Update

• NWSC monthly meeting – Alan Clark

6:15 Advisory Role

- · Advisory process final draft Tim Cochnauer
 - o Draft attached to this agenda
- · Aquaculture subcommittee Tim Cochnauer
- <u>Project Macoma</u> any discussion by members Tim Cochnauer

6:25 Field Project Updates

- Olympia Oyster Chris Burns
- Forage Fish Tim Cochnauer
- · Elwha Beach Stewardship Helle Andersen
- Sound Toxins Nancy Stephanz

2024 Meetings

January 22	April 15	July 15	October 21
February 26	May 20	August 19	November 18
March 18	June 17	September 16	December 16

- Shellfish Biotoxins Bob Vreeland
- Pinto Abalone Jeff Ward & Alan Clark
- Pigeon Guillemot Ed Bowlby

Projects inactive this month:

- · Kelp surveys Jeff Ward & Alan Clark
- Ediz Hook Helle Andersen

6:35 Education/Outreach

- · Coasters potential to order a new round of designs
- · New Displays Ann seeking input from project leads wanting a new poster
- · Interns Ann and Rebecca pursuing intern possibilities
- · Website Amelia asked project leads to review updated website content

6:40 Other Updates/New Topics

- Rescue tug letter Mike Doherty
- · Green crab update Ioana Bociu and Joann Labaw volunteered
- <u>River and Ocean Film Festival</u> July 2024 Katharine Frazier, Nancy Stephanz scoring films in May
- \$500 donation to Pigeon Guillemot Network Ed Bowlby
- Recruiting for open MRC members Development Community, Marine Related Recreation & Tourism, Makah Tribe, and District III Alternate
- · Upcoming annual presentation to the Board of Commissioners June or July
- Possible future presentation topics
- 6:50 Good of the Order
- 6:55 Public Comment
- 7:00 Adjourn

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

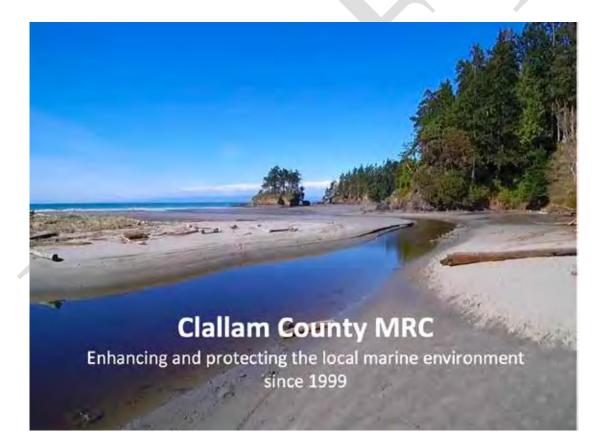
2024 Meetings January 22 February 26 March 18

April 15 May 20 June 17

July 15 August 19 September 16 October 21 November 18 December 16



PROCESS FOR PROVIDING ADVICE AND SUPPORT TO CLALLAM COUNTY GOVERNMENT AND PARTNER ORGANIZATIONS



DATE APPROVED

Approved by:

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1. INTRODUCTION

The Clallam County Marine Resources Committee (CCMRC) is a volunteer advisory committee established in 1999 by the Clallam County Board of Commissioners (BOCC) through Resolution 58-1999. The CCMRC focuses on issues related to the marine resources of the Strait of Juan de Fuca and its bays, estuaries, and inlets within the borders of Clallam County.

In addition to providing input to the BOCC, CCMRC also coordinates, when appropriate, with other entities within and outside of County government, and conducts or supports a wide variety of environment monitoring and restoration activities that provide opportunities for education, outreach, and student intern/citizen scientist involvement.

In late 2023, the CCMRC voted to establish a subcommittee to develop a process for deciding whether, when, and how to engage and advise the BOCC and others regarding the potential impacts of existing or future issues or actions on the marine resources of Clallam County. The goal of the subcommittee was to develop an effective, science-based process for providing input that would benefit groups within or outside of County government. The process was also intended to facilitate strategic decision-making and promote efficient use of CCMRC volunteer resources.

What follows is a description of the stepwise advisory process developed that incorporates and reflects federal and state enabling legislation, County resolutions, CCMRC bylaws, and tribal treaty rights.

2. ENABLING LEGISLATION, RESOLUTIONS, AND BYLAWS

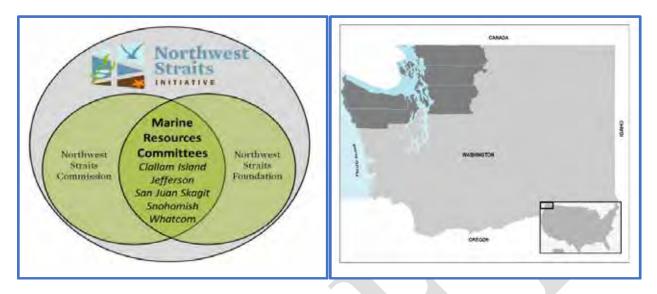


Figure 1. Organizational Structure (left) and the seven counties (right) of the Northwest Straits Initiative. The CCMRC's geographic scope extends to the west end of the Strait of Juan de Fuca.

Northwest Straits Marine Conservation Initiative

In response to significant degradation of the marine resources and ecosystem in the Northwest Straits region, several legislative solutions were initially proposed, including the creation of a National Marine Sanctuary. During public meetings, the marine sanctuary concept was met with strong local resistance, as residents were concerned that this type of "top-down" management by staff in Washington D.C. would result in limited community engagement and fail to respond to local needs.

In 1997, U.S. Senator Patty Murray and U.S. Representative Jack Metcalf established a blue-ribbon committee (known as the Murray-Metcalf Commission) to explore alternative models for protecting and restoring marine resources in the Northwest Straits. The Murray-Metcalf Commission unanimously agreed that the Northwest Straits marine ecosystem and its marine resources were in serious trouble, citing declining populations of bottomfish, sea birds, invertebrates, salmon, and some populations of marine mammals as prime examples. After a year of research and discussion, the Murray-Metcalf Commission published the <u>Report to the Convenors</u> on August 20, 1998, which laid the groundwork for what was to become the Northwest Straits Initiative. The organizational structure reflected the wishes of residents to create a "bottom-up" approach to marine conservation and protection that included:

- <u>Seven Marine Resources Committees</u> (MRCs) that are locally based county advisory groups comprised primarily of volunteers with an interest in protecting their local marine waters,
- <u>The Northwest Straits Commission</u>, which provides funding, training, and support to the MRCs, and
- The <u>Northwest Straits Foundation</u>, <u>established in 2002</u> following the creation of the Northwest Straits Initiative, is a non-profit partner created to leverage additional financial resources to accomplish the work of the Initiative.

Figure 1 above illustrates the organizational structure within the Northwest Straits Initiative and its geographic scope.

Shortly after the release of the Report to the Conveners, the Boards of County Commissioners in Clallam, Island, Jefferson, Skagit, Snohomish, and Whatcom Counties initiated a process to create their MRCs. San Juan County had created a similar county-based advisory group prior to the Report to the Conveners that served as a model for the other counties.

Clallam County MRC Enabling Resolutions and Bylaws

On June 15, 1999, the Clallam County BOCC approved Resolution 58-1999 to

"Establish the Clallam County Marine Resources Committee as an advisory committee to the County Commissioners regarding issues related to the marine resources of the Strait of Juan de Fuca and its bays, estuaries and inlets within the borders of Clallam County."

The Resolution also defined the CCMRC mission:

"The Marine Resources Committee's mission is to address local marine issues related to the Strait of Juan de Fuca, recommend remedial actions to local authorities, build local awareness of the issues and support for remedies consistent with the Benchmarks for Performance as established in the August 20, 1998 Report to the Convenors by the Murray-Metcalf Northwest Straits Citizens Advisory Commission...."

In addition, the Resolution directed the CCMRC to coordinate its efforts with other local groups and entities:

"Where relevant, the Marine Resources Committee shall make all reasonable efforts to coordinate with other resource planning projects, agencies, committees, councils, and tribal and non-tribal entities."

Revisions to Resolution 58-1999 were made in 2013 and 2020 to improve representation and expand local citizen involvement, respectively.

As an Advisory Committee to the Board of County Commissioners, the CCMRC is subject to Policy 952 for Boards and Committees; Appendix B provides guidance for advisory bodies and default bylaws to use unless a committee develops its own. In the case of CCMRC, bylaws were created and approved by the BOCC based on <u>Robert's Rules of Order</u> which governs how meetings are conducted and leadership roles filled. Section 7.2 of the CCMRC bylaws specifies how decisions are made within the committee:

The decision-making approach of the MRC will be by consensus. Consensus is defined as a decision that allows each representative to say "The group I represent can live with the decision and accept it, regardless of whether it is exactly what I want." If consensus still cannot be reached, the issue under consideration will be tabled until the next meeting where it will be addressed as old business. If at this time consensus as defined herein still cannot be reached on the issue, the MRC will recognize a simple majority vote. The minority opinion will also be forwarded to the Board of Clallam County Commissioners.

It is important to note that Resolution 58-1999 also recognized the importance of tribal treaty rights:

"Issues of tribal sovereignty, treaty rights, fishery co-management authority and responsibility and other jurisdictional responsibilities exist within and around the geographical boundaries of the Northwest Straits Commission program."

What follows is a brief description of the two tribal treaties that are relevant to Clallam County, including provisions to respect harvesting fish and shellfish at "usual and accustomed" locations.

3. APPLICABLE TRIBAL TREATIES

As noted by the Northwest Indian Fisheries Commission,

"Prior to European contact, tribes governed their own affairs, and continue to do so today. Tribes have a sovereign right to govern their members and manage their lands and resources. The United States recognized tribes as sovereign nations and the rightful owners of the land through the signing of treaties that carry the weight of the U.S. Constitution. Tribal sovereignty is further recognized with the government-to-government relationship that the tribes have with the federal government."

The CCMRC is unique within the Northwest Straits Initiative in that it has within its membership three tribes with legally recognized treaty rights within county boundaries, as shown in Figure 2. What follows is a brief description of the two applicable treaties that were signed in 1855 that pertain to marine resources in Clallam County and how the specific treaty language will be incorporated into the advisory process.

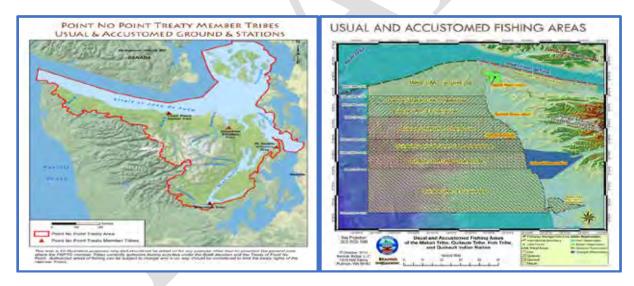


Figure 2. Usual and Accustomed Treaty Areas as Specified in 1855 by the Point No Point Treaty (left) and the Treaty of Neah Bay (right). <u>Native Land Digital</u> and <u>Resource-Analysis.com</u>.

In 1855, Isaac Stevens, Governor of Washington Territory and Superintendent of Indian Affairs, established treaties between the United States government and the indigenous inhabitants of Northwest Washington. The ramifications of the treaties have been analyzed, debated, and contested for over 160 years, and are beyond the scope of this advisory document. We have, however, included in our decision

process specific sections of the two applicable treaties pertaining to the marine resources in Clallam County that will be reflected in our advisory activities, as noted below.

Point No Point 1855 Treaty

As described by the <u>University of Washington School of Law</u>, the Point No Point Treaty with the S'Klallam tribe established

"Articles of agreement and convention made and concluded at Hahdskus, or Point no Point, Suquamish Head, in the Territory of Washington, this twenty-sixth day of January, eighteen hundred and fifty-five, by Isaac I. Stevens, governor and superintendent of Indian affairs for the said Territory, on the part of the United States, and the undersigned chiefs, headmen, and delegates of the different villages of the S'Klallams, viz: Kah-tai, Squah-quaihtl, Tch-queen, Stetehtlum, Tsohkw, Yennis, Elh-wa, Pishtst, Hunnit, Klat-la-wash, and Oke-ho, and also of the Skoko-mish, To-an-hooch, and Chem-a-kum tribes, occupying certain lands on the Straits of Fuca and Hood's Canal, in the Territory of Washington, on behalf of said tribes, and duly authorized by them."

<u>Article 4</u> of the treaty is directly relevant to our advisory process with regard to "usual and accustomed" use of the marine resources of the Northwest Straits by treaty tribes:

"The right of taking fish at usual and accustomed grounds and stations is further secured to said Indians, in common with all citizens of the United States; and of erecting temporary houses for the purpose of curing; together with the privilege of hunting and gathering roots and berries on open and unclaimed lands. Provided however, that they shall not take shell-fish from any beds staked or cultivated by citizens."

Treaty of Neah Bay, 1855

The University of Washington School of Law also provides access to the Treaty of Neah Bay as follows:

"Articles of agreement and convention made and concluded at Neah Bay, in the Territory of Washington, this thirty-first day of January, in the year eighteen hundred and fifty-five, by Isaac I. Stevens, governor and superintendent of Indian affairs for the said Territory, on the part of the United States, and the undersigned chiefs, head-men, and delegates of the several villages of the Makah tribe of Indians, viz: .Neah Waatch., Tsoo-Yess, and Osett, occupying the country around Cape Classett or Flattery, on behalf of the said tribe and duly authorized by the same."

Article 4 of this treaty also contains "usual and accustomed" provisions:

"The right of taking fish and of whaling or sealing at usual and accustomed grounds and stations is further secured to said Indians in common with all citizens of the United States, and of erecting temporary houses for the purpose of curing, together with the privilege of hunting and gathering roots and berries on open and unclaimed lands: Provided however, that they shall not take shellfish staked or cultivated by citizens."

The "usual and accustomed" language in both treaties will be considered in the advisory process to ensure tribal treaty rights are respected with regard to projects, proposals, or other actions located in the marine environments of Clallam County.

4. CCMRC COORDINATION ROLES AND RESPONSIBILITIES

As noted above, in addition to advising County government, the BOCC <u>Resolution 58-1999</u> directs the CCMRC "... to make all reasonable efforts to coordinate with other resource planning projects, agencies, committees, councils, and tribal and non-tribal entities." Examples of these types of activities are presented in Table 1. The extent of coordination activities will be based on CCMRC member expertise and availability, and the relevance to the CCMRC charter and mission.

ENTITY	PURPOSE/MISSION	KEY CCMRC ROLES		
Clallam County Government and Related Entities				
Clallam County Government	The BOCC is responsible for providing the legislative and executive functions of County government.	Work collaboratively with the BOCC and county staff on issues, actions, or proposals that could affect marine resources		
<u>Clallam County Shoreline</u> <u>Master Program (SMP)</u>	The SMP is a detailed plan for shoreline development areas that addresses the goals and policies consistent with state law (RCW 90.58.020)	Review portions of the SMP that pertain to marine resources and provide input to the BOCC and county staff.		
<u>Clallam County</u> <u>Comprehensive Plan (Comp</u> <u>Plan)</u>	The Comp Plan serves as a guide for directing local land use policy and decision-making related to natural resource industries, open space and recreation, and environmental protection.	Review portions of the Comp Plan that pertain to marine resources and provide input to the BOCC and county staff.		
Clallam County Economic Development Council (CCEDC)	The CCEDC provides support to county-based businesses	Review and provide input on business proposals that could affect marine resources		
Port of Port Angeles (Port)	The Port brings people, resources and industry together to foster economic prosperity and living wage jobs.	Coordinate on and review Port projects or proposals that could affect marine resources		
Clallam Conservation District (CCD)	CCD is a non-regulatory sub-division of state government created in 1959 to help land users conserve natural resources	Coordinate on restoration and educational outreach proposals and projects that could affect marine resources		
North Olympic Peninsula Lead Entity (NOPLE)	NOPLE is locally based, science- driven, community watershed consortium focusing on salmon recovery.	Coordinate on local salmon restoration proposals and projects		

Table 1. Examples of CCMRC Activities in Support of County Government and Partner Organizations

Table 1, Continued

ENTITY	PURPOSE/MISSION	KEY CCMRC ROLES		
Treaty Tribes				
Makah Tribe	A primary focus of our tribal partners is	Coordinate with tribal partners on		
Lower Elwha Klallam Tribe	to protect treaty rights and to promote projects that protect and sustain the environmental, socioeconomic, and	proposals and projects consistent with tribal treaty rights and		
Jamestown S'Klallam Tribe	cultural attributes of the tribes for future generations.	guidance of the CCMRC charter and strategic plan.		
	Municipalities			
City of Port Angeles	Provide a safe, resilient place to live	Coordinate on proposals and projects that could affect marine resources.		
City of Sequim	and work that balances environmental, socioeconomic, and cultural values.			
	Educational Organizations			
Feiro Marine Life Center	Connect communities to the marine environment through learning experiences	Coordinate on educational outreach proposals and projects.		
Peninsula College	Peninsula College educates diverse populations of learners through community-engaged programs.	Coordinate on education and outreach efforts and proposals.		
	Local Nonprofits			
<u>Olympic Peninsula Audubon</u> <u>Society (OPAS)</u>	OPAS promotes birding and habitat conservation through science-based education, advocacy, and stewardship.	Coordinate on education and outreach efforts and field monitoring studies.		
North Olympic Salmon Coalition (NOSC)	NOSC promotes robust wild salmon stocks by furthering habitat restoration and education on the North Olympic Peninsula	Coordinate restoration and educational outreach projects.		
North Olympic Land Trust (NOLT)	NOLT's mission is to conserve the land and natural resources that are the foundation of our culture, economy, and way of life.	Coordinate on restoration and educational outreach projects.		
Surfrider Foundation	Protection and enjoyment of the world's ocean, waves, and beaches, for all people	Coordinate on restoration and educational outreach projects and beach cleanup efforts.		
Washington CoastSavers	Protect and restore marine resources through removal of marine debris from Washington's Pacific Coast and the Strait of Juan de Fuca.	Input and/or support for beach clean-ups and other activities that protect and restore marine resources		

Table 1, Continued

ENTITY	PURPOSE/MISSION	KEY CCMRC ROLES		
Washington State Government				
Washington State Department of Fish and Wildlife (WDFW)		Coordinate on oil spill response training and citizen science field projects.		
Washington State Dept. of Ecology (WDOE)	Protect, preserve, and enhance Washington's environment for current and future generations	Provide input to WDOE's <u>Geographic Response Plan</u> for oil spill response actions		
<u>Washington State Department</u> of Health (WDOH)		Coordinate on marine biotoxin sampling along the Strait and outreach related to public health.		
Washington State Department of Natural Resources (WDNR)	Manage, sustain, and protect the health and productivity of Washington's lands and waters to meet the needs of present and future generations.	Provide input to WDNR's coastal and nearshore leases, permits, sales, etc.		
Puget Sound Partnership (PSP)	Provide leadership regarding the region's collective effort to restore and protect Puget Sound.	Coordinate on environmental proposals in Clallam County.		
Federal Government				
National Oceanic and Atmospheric Administration (NOAA)	NOAA's mission is science, service, and stewardship.	Coordinate on educational outreach proposals.		
NOAA Olympic Coast National Marine Sanctuary	Protection of the Olympic Coast's natural and cultural resources.	Coordinate on educational outreach proposals.		
US Environmental Protection Agency (USEPA)	Protection of human health and environment.	Coordinate on federal restoration and/or cleanup actions in Clallam County.		
<u>US Fish and Wildlife Service</u> (USFWS) Dungeness Wildlife <u>Refuge</u>	The refuge was established in 1915 as a refuge, preserve and breeding ground for native birds.	Coordinate on educational outreach and on proposals that may affect refuge mission.		
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5. ADVISORY PROCESS DESCRIPTION

What follows is a description of each step of the advisory process that will help the CCMRC decide whether, when, and how to engage and advise the BOCC and others regarding existing or future issues and actions that might affect the marine resources of Clallam County.

A process checklist is provided in Attachment 1.

It's important to note that this process may be adjusted or truncated, when appropriate, to match the need for advice and consultation. Frequent coordination and communication with the BOCC and County Staff are encouraged throughout any advisory process.

Step 1: Identify

The first step in this process is initiated when an issue or action that may affect marine resources is brought to the attention of the CCMRC by the **BOCC**<u>Clallam County Board of Commissioners</u>, <u>Board of Health, DCD, County</u> staff, another CCMRC member <u>organization</u>, or <u>others including</u> a member of the public.¹ Examples may include the localized impacts of climate change; damage caused by shoreline erosion or nonpoint pollution; or proposed remedial actions to clean up highly affected areas. CCMRC may also evaluate business or development proposals located in nearshore areas, in upland locations with a strong connection to marine resources, and in proposals designed to restore natural resources.

- If the CCMRC membership concludes a connection to marine resources is likely AND a subcommittee can be established to investigate the issue or action, the process will move to Step 2.
- If not, **STOP**

Step 2: Investigate

The second step in the process involves a preliminary investigation of the issue or action to determine

- Project location and scope
- Potentially involved parties
- Permitting or decision-making process
- Proposed project timeline
- BOCC/DCD/County staff points of contact

At the conclusion of the initial investigation, the subcommittee will provide a "preliminary report" to the full CCMRC membership for consideration.

• If the CCMRC membership concludes the report demonstrates there is sufficient time and expertise among its members to perform a full review, and that staff requirements are not

¹ To achieve this level of interaction, the CCMRC should formally request that ex officio participants from the County Planning Division and other government staffs communicate shoreline-related permit applications to the CCMRC.

incompatible with the current CCMRC Annual Work Plan, the subcommittee will continue to Step 3.

• If not, **STOP.**

Step 3: Integrate

During the integration step, the subcommittee will use available scientific and technical information to provide an assessment of the potential positive and negative impacts of the issue or action related to environmental, socioeconomic, and cultural attributes, which includes an assessment of impacts related to tribal treaty rights. An "interim discussion report" that describes the potential positive and negative impacts and a recommendation for a Step 4 action will be provided to the entire CCMRC membership for consideration. Coordination and communication with the BOCC and County staff during this phase of the process is necessary, especially if the subcommittee recommendation appears to conflict with a stated Clallam County government position.

Step 4: Inform

During Step 4, the CCMRC will discuss the preferred path forward for providing advice to the BOCC, County staff, or other entities. CCMRC actions may include, but are not limited to

- Briefing or letter to BOCC (with the understanding that any communication is public)
- Public presentation (i.e., advertised)
- White paper
- Other action (e.g., letter of support from the BOCC or CCMRC participation in a project/action)
- Respond as private citizens
- No response
 - If CCMRC consensus is reached and a briefing, letter, white paper, or other CCMRC public response is required, the subcommittee will be tasked with creating the draft and final product.
 - If consensus cannot be reached, the action will be tabled until the next meeting per CCMRC Bylaws. If consensus is still not reached, the majority rule will prevail with an additional minority report included with the final product.

6. REFERENCES

<u>Clallam County Policy 952: Boards and Committees</u>. Clallam County Administrative Manual, updated 2021.

In the Matter of Establishing a Clallam County Marine Resources Committee as Provided for Under the Northwest Straits Commission, June 15, 1999. Clallam County Board of County Commissioners, Resolution 58-1999.

Marine Resources Committee Establishing Alternate Positions to All 15 Member Categories. Clallam County Board of County Commissioners, Resolution 41-2020.

Point No Point Treaty Member Tribes Usual and Accustomed Grounds and Stations. Native Land Digital.

<u>Report to the Convenors</u>. Murray-Metcalf Northwest Straits Citizens Advisory Commission, August 20, 1998.

<u>Restructuring the Membership of the Marine Resources Committee, November 26, 2013.</u> Clallam County Board of County Commissioners, Resolution 51-2013.

<u>Treaty with the Makah, 1855 (Treaty of Neah Bay)</u>. University of Washington School of Law, UW Digital Law Commons.

<u>Treaty with the S'Klallam, 1855 (Treaty of Point No Point)</u>. University of Washington School of Law, UW Digital Law Commons.

<u>Understanding Tribal Treaty Rights in Western Washington</u>. Northwest Indian Fisheries Commission.

<u>Usual and Accustomed Fishing Areas of the Makah Tribe, Quileute Tribe, Hoh Tribe, and Quinault</u> <u>Indian Nation</u>. Resource-Analysis.com.

ATTACHMENT 1: Stepwise Advisory Process Checklist

Step 1: Identify the Issues or Action Related to Marine Resources at

- Local (county),
- Regional (Salish Sea), and
- Worldwide Scales

If the CCMRC membership concludes a connection to marine resources is likely AND a subcommittee can be established to investigate the issue or action, the process will move to Step 2.

If not, STOP.

Step 2: Investigate the Proposed Issue or Action Regarding

Scope

- Potentially involved parties
- Permitting or decision-making process
- Timeline
- BOC/DCD/County staff points of contact

If the CCMRC membership concludes the preliminary report demonstrates there is sufficient time and expertise among its members to perform a full review, and that staff requirements are not incompatible with the current CCMRC Work Plan, the subcommittee will continue to Step 3.

If not, STOP.

Step 3: Integrate Use Available Scientific and Technical Information to Determine the Potential Positive and Negative Outcomes Regarding



- Socioeconomic, and
- Cultural attributes

Step 4: Inform Decide How Best to Provide Advice, Education, and Outreach

- Briefing or letter to BOCC
- Public presentation
- White paper
- Respond as private citizens
- Other: _____

No response



May 2024 Final Meeting Minutes

Date: Monday, May 20, 2024 Time: 5:34-6:57 PM Location: Zoom hybrid meeting Minutes Prepared by Rebekah Brooks

Members present: Helle Andersen (Marine Related Recreation and Tourism Alternate), Ed Bowlby (Academic Community), Chris Burns (Jamestown S'Klallam Tribe Alternate), Alan Clark (Community at Large; Northwest Straits Commission [NWSC]), Tim Cochnauer (Community at Large; Chair), Mike Doherty (District 3), Katherine Frazier (Port of Port Angeles), Robert Knapp (Jamestown S'Klallam Tribe), Nancy Stephanz (Conservation and Environment Alternate), LaTrisha Suggs (Port Angeles City Council), Lance Vail (District 1 Alternate), Bob Vreeland (Conservation and Environment), Jeff Ward (District 1)

Others present: Rebekah Brooks (Rebekah Brooks Contracting), Ed Chad (CC), Amelia Kalagher (CC Marine Resources Committee [MRC] Administrative Support), Cathy Lear (CC), Rebecca Mahan (CC Habitat Biologist; CC MRC Coordinator), Karen Teig (North Olympic Peninsula Lead Entity), Leah Skare (NWSC), David Trimbach (Washington Department of Fish and Wildlife [WDFW])

Call to Order / Introductions / Changes to Agenda

Chair Tim Cochnauer called the meeting to order at 5:34 PM. A quorum was present at the beginning of the meeting. Tim moved the election of officers to the end of the meeting so that there would be no confusion about who should chair the meeting. *The agenda was approved by consensus.*

Public Comment / Approval of April Minutes

There were no public comments. *Nancy Stephanz moved to approve the April CC MRC Minutes; Helle Andersen seconded. The motion passed unanimously.*

Social Science Research Proposal Focused on Kelp

Conservation Social Scientist with WDFW David Trimbach presented on his project proposal for social science research on the ecosystem services provided by kelp. If funded, the proposal will help to provide a better understanding of the human dimensions of kelp monitoring and restoration. The project was developed in collaboration with multiple partners, including the Washington Department of Natural Resources (DNR), the NWSC, Asia-Pacific harvest managers, and organizations across Puget Sound. The project will focus on eight to 10 workshops across Puget Sound that will be designed to help define the human dimensions of kelp and integrate that understanding into restoration plans. The community workshops will include three main groups: restoration and monitoring, recreational harvest (with a focus

on Chinese, Japanese, and Korean languages), and residential communities. Because there is a lack of information about geographical locations, there will also be a mapping exercise. David was at the CC MRC to gauge interest and find out how involved the CC MRC might want to be in the project if it is funded.

Discussion on Presentation

The CC MRC discussed David Trimbach's project proposal and their potential involvement as a project partner. David explained some of the project elements, including work with DNR in Island County, updating brochures in other Asian languages, and helping WDFW better understand marine vegetation permitting and update signage and other outreach materials. He stressed the importance of co-creation and making things mutually beneficial to everyone's needs. The CC MRC expressed their interest in the project but advocated for continued discussion within the CC MRC before making any commitment to the project. They requested that David let the CC MRC know if the project received funding and what any next steps might be. David welcomed contact and said he would keep the CC MRC informed.

Announcements

- Rebecca Mahan announced that volunteers were needed for oyster shell spread events on 5/28/24 and 5/29/24 from 10:30 AM to 4:30 PM. Email Annie Raymond at araymond@jamestowntribe.org to sign up. A Washington Conservation Crew is also coming to help.
- Amelia Kalagher announced that the annual report was now available on the CC MRC website. She asked for as many project photos as possible for the next annual report.

NWSC Update

Alan Clark gave an update on NWSC news. He reported that the San Juan County MRC had 14 derelict vessels removed. The Northwest Straits Initiative is working with consultants to plan a fall leadership retreat; it will be a time to review what has been happening, what expectations are from the various MRCs, and how to best meet those expectations. The NWSC MRC Meeting will be held in November; Alan will pass those details on as they are forthcoming. More information can be found on the NWSC website: https://nwstraits.org/.

Advisory Role

- Subcommittee Status: Tim Cochnauer announced that the Advisory Role Draft Procedures were finalized; copies have been distributed. There was a signature page included for CC MRC representatives and alternates to sign. *Nancy Stephanz moved to approve the Advisory Role Draft Procedures; Helle Andersen seconded. The motion was approved unanimously.* Jeff Ward thanked Chris Burns, Ann Stafford, Alan Clark, LaTrisha Suggs, Rebecca Mahan, Amelia Kalagher, Ann Soule, Tim Cochnauer, and Holden Flemming for their help with the Advisory Role process.
- Aquaculture Subcommittee: Tim Cochnauer reported that the Aquaculture Subcommittee had a meeting and did some research on net pen culture. They should have more information at next month's CC MRC meeting. Subcommittee volunteers included Ed Bowlby, Lyn Muench, Tim Cochnauer, and LaTrisha Suggs.
- Project Macoma: Helle Andersen sent out some information on the project, a pilot project from Pacific Northwest National Laboratory that is designed to help remove excess carbon dioxide

from the atmosphere by treating seawater in the Port of Port Angeles. She noted that it did not appear that the biological assessment had been conducted in the field. Amelia Kalagher added that there would be workshops on responsible carbon removal in June; she received permission to take detailed notes to share with the CC MRC in case all are not able to attend.

Field Project Updates

Olympia Oyster

Chris Burns announced that a Washington Conservation Corps crew will be helping spread oyster shell on 5/28/24 and 5/29/24. There will also be seed to put out. Volunteers can contact Annie Raymond at araymond@jamestowntribe.org to sign up.

Forage Fish

Tim Cochnauer reported that it had been a month since the survey team had seen any forage fish eggs.

Elwha Beach Stewardship

Helle Andersen said that NatureBridge was on the beach during her last survey; she counted 88 people on the beach that day. She has been in contact with the Clallam County engineer who installed the road counter last fall. He plans to install it in August this year in order to track the beach use during the busiest season.

Sound Toxins

Nancy Stephanz noted that the survey team had seen a lot of Pseudo-nitzschia in the last couple of weeks, but no surges of anything dangerous yet.

Shellfish Biotoxins

Bob Vreeland announced that surveys started again on 4/24/24. He sampled on 5/8/24 and is scheduled to go again on 5/22/24. He had no news to report. Rebecca Mahan noted that the shellfish biotoxins contact position with Clallam County was in transition.

Pinto Abalone

Jeff Ward gave an update. The Quality Assurance Plan was submitted through the NWSC. Surveys will start in late September or early October when visibility is a little better for the divers. Rebecca Mahan added that she was working on the Personal Services Agreement with the Puget Sound Restoration Fund.

Pigeon Guillemot

Ed Bowlby said that the surveys would start in the first week of June. They had a few new volunteers and many returning volunteers this year. CC MRC member volunteers include Ed, Mary Sue Brancato, and Lance Vail. They are still looking for a few substitutes to cover vacations; interested parties can contact Ed. Rebecca Mahan requested some information from Ed that is needed to approve fieldwork.

Projects Inactive this Month:

Kelp Surveys

There was nothing new to report. Information on the Kelp Plan can be found at <u>https://www.nwstraits.org/our-work/kelp/</u>.

Ediz Hook

Helle Andersen noted that the Ediz Hook vegetation project was completed for this year.

Education/Outreach

Coasters

There are still some coasters available in Rebecca Mahan's office for distribution to known and new venues. Amelia Kalagher noted that a new round of designs could be ordered in time for tourist season.

New Displays

Ann Soule has been in touch with the project leads for Crab, Olympia Oysters, and Pigeon Guillemots so that the posters can be completed before the fall festival season. Alan Clark noted that because of the concern about poaching, no poster would be designed for Pinto Abalone at present.

Interns

Ann Soule and Rebecca Mahan were pursuing intern possibilities but had nothing new to report yet.

Website

Amelia Kalagher asked project leads to review the uploaded website content. She has been busy with behind-the-scenes work but *will be sending out emails soon to ask about any desired changes.

Other Updates/New Topics

Rescue Tug Letter and Other Updates

Mike Doherty said that Department of Ecology staff were still holding stakeholder meetings. They were starting to work on the methodology for the draft Environmental Impact Statement. More information is available here: <u>https://apps.ecology.wa.gov/publications/SummaryPages/2308009.html</u>. The Trans Mountain Pipeline project is progressing in Canada. It would increase tanker traffic through the San Juan islands from six per month to one per day.

Green Crab Update

Volunteers Ioana Bociu and Joann LaBaw were not present for an update.

River and Ocean Film Festival

The Film Festival is scheduled for 7/24/24 at the Port Angeles Field and Events Center. Rebecca Mahan sent out the link: <u>https://wsg.washington.edu/community-outreach/outreach-detail-pages/river-and-ocean-film-festival/</u>. Nancy Stephanz and Katherine Frazier volunteered for the film scoring committee. Katherine reported that she was almost done reviewing the films.

\$500 Donation to Pigeon Guillemot Network

Ed Bowlby explained that there is a coordinator who works for the Pigeon Guillemot Network. All groups have been asked to contribute \$500 this year to pay for that position. Rebecca Mahan noted that \$300 is budgeted in, and that the additional funding was available but required a vote. *Nancy Stephanz moved to contribute \$500 to the Pigeon Guillemot Network; Alan Clark seconded. The motion passed unanimously.*

Recruiting for Open MRC Member Seats

There are open seats for Development Community, Marine Related Recreation and Tourism, the Makah Tribe, and District 3 Alternate representatives. Rebecca Mahan announced that Chris Rumple with Pacific Northwest National Laboratory applied. LaTrisha Suggs suggested bringing the membership opportunities up at the Yacht Club.

Upcoming Annual Presentation to the Board of County Commissioners

Rebecca Mahan went over the available dates, which were 6/24/24, 7/15/24, and 7/29/24. The Chair usually presents the annual reports, but since the officers would be changing at the end of this meeting, *Tim Cochnauer offered to present this year.

Possible Future Presentation Topics

Rebecca Mahan said that she has been in contact with a robotics engineer with Pacific Northwest National Laboratory, who is interested in using a robot equipped with sonar for derelict gear removal. There is the possibility of collaboration during the next grant round cycle.

Good of the Order

Election of Officers

This was moved to the end of the meeting to avoid confusion about who would be leading the meeting. Tim Cochnauer noted that one year was not long enough in his opinion; he recommended a three-year term.

Officer Nominations and Elections for CC MRC Chair, Vice Chair, and NWSC Representative *Tim Cochnauer nominated Alan Clark for continuing as NWSC Representative; this was agreed to with all in favor. Tim Cochnauer nominated Ann Soule for continuing as CC MRC Vice Chair; this was agreed to with all in favor. Ann Soule nominated LaTrisha Suggs as CC MRC Chair.* LaTrisha explained that she did not have the capacity to spend the quality time that the role deserved, but that she could fill in the gap for a time if no one else was available. *Tim volunteered to work with LaTrisha. The CC MRC *approved of the nomination and LaTrisha Suggs was elected as CC MRC Chair with all in favor.* *LaTrisha said she would reach out to Rebecca Mahan and Tim before the next meeting.

Public Comments

There were no public comments.

Adjournment Chair Tim Cochnauer adjourned the meeting at 6:57 PM.

Action Items:

*Amelia Kalagher will be sending out emails soon to ask about any desired changes to the CC MRC website.

*Tim Cochnauer offered to present the annual report to the Board of County Commissioners. *Tim Cochnauer volunteered to work with LaTrisha Suggs in her position as CC MRC Chair. *LaTrisha Suggs will reach out to Rebecca Mahan and Tim Cochnauer before the next CC MRC meeting. **CLALLAM MRC MEETING AGENDA**



June 17, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: <u>https://us06web.zoom.us/j/85314804485</u> Meeting ID: 853 1480 4485 Passcode: 12345 For more information about the MRC. please contact Rebecca Mahan at (360) 417-2322

5:30 Welcome by Chair LaTrisha Suggs

5:35 Call To Order / Introductions

5:40 Public Comment / Approval of Minutes

• Approval of May minutes

5:45 <u>Announcements</u>

- Record MRC member volunteer hours by July 7th Amelia Kalagher
- River and Ocean Film Festival July 26th Amelia Kalagher
- Annual presentation to the Board of County Commissioners Tim Cochnauer to present

5:55 NWSC Update

- NWSC monthly meeting Alan Clark
- Upcoming NWSC meeting in Clallam County

6:05 Advisory Role

• Aquaculture subcommittee – Tim Cochnauer

6:10 Field Project Updates

- Olympia Oyster Chris Burns
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- Sound Toxins Nancy Stephanz
- Shellfish Biotoxins Bob Vreeland
- Pinto Abalone Jeff Ward & Alan Clark
- Pigeon Guillemot Ed Bowlby
- Kelp surveys Jeff Ward & Alan Clark

Projects inactive this month:

• Ediz Hook – Helle Andersen

6:25 Education/Outreach

• Coasters – potential to order a new round of designs

2024 Meetings

January 22	April 15	July 15	October 21
February 26	May 20	August 19	November 18
March 18	June 17	September 16	December 16

- New Displays Ann seeking input from project leads wanting a new poster

 Bringing posters to film festival July 26th
- Interns Tim compiling list of duties for potential interns

6:35 Other Updates/New Topics

- Rescue tug letter Mike Doherty
- Green crab update Ioana Bociu and Joann Labaw volunteered
- Options for working calendar of events Amelia Kalagher
- Removal from MRC for nonparticipation: Lisa Law (Development Community Alternate)
- Recruiting for open MRC members Marine Related Recreation & Tourism, Makah Tribe, and District III Alternate
- Possible future presentation topics

6:50 Good of the Order

 <u>Geographic Response Plan (GRP) for oil spills for Strait</u> comment period closed 6/15 - if anyone wants to share submitted comments please send to staff

6:55 Public Comment

7:00 Adjourn

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

February 26

March 18

July 15 August 19 September 16 October 21 November 18 December 16



June 2024 Final Meeting Minutes

Date: Monday, June 17, 2024
Time: 5:32 – 7:17pm
Location: Hybrid meeting, Zoom and Clallam County Board of Commissioners' Meeting Room Minutes prepared by Amelia Kalagher

Members Present

LaTrisha Suggs (City of Port Angeles; Chair), Ann Soule (District 2; Vice Chair), Lance Vail (District 1 Alternate), Ed Bowlby (Academic Community), Robert Knapp (Jamestown S'Klallam Tribe Alternate), Katherine Frazier (Port of Port Angeles Alternate), Chris Burns (Jamestown S'Klallam Tribe), Mike Doherty (District 3), Tim Cochnauer (Community At-Large), Bob Vreeland (Conservation and Environmental Interests), Nancy Stephanz (Conservation and Environmental Interests Alternate), Helle Andersen (Marine Related Recreation and Tourism Alternate)

Others Present

Rebecca Mahan (Clallam County Habitat Biologist; CC Marine Resources Committee [MRC] Coordinator), Amelia Kalagher (CC MRC Administrative Support), Brandon Sampson (Surfrider Foundation), Emily (Surfrider Foundation)

Welcome / Call to Order / Introductions

Chair LaTrisha Suggs called the meeting to order at 5:32. A quorum was present at the beginning of the meeting. Those present introduced themselves, including two members of the Surfrider Foundation who are potentially interested in joining the MRC. LaTrisha Suggs noted that many items were planned to be addressed during Good of the Order.

Pigeon Guillemot Project Update

The pigeon guillemot project update was moved earlier in the agenda. Ed Bowlby said that the project is in week 3 of at least 10 weeks for 2024, with 40 volunteers. Guillemot presence is off to a slow start. *Ed will follow up with Amelia Kalagher by email to clarify what support is needed for this project in early July.

Public Comment / Approval of May Minutes

There were no public comments.

Ed Bowlby moved to approve the May CC MRC minutes; Nancy Stephanz seconded. The motion passed unanimously.

Announcements

- Volunteer hours: Amelia Kalagher reminded members that volunteer hours for April through June must be recorded by July 7th at the link she has provided by email. *Amelia will continue reminding members as the deadline approaches.
- River and Ocean Film Festival: LaTrisha Suggs recommended poster options for the upcoming table presentation at the River and Ocean Film Festival in July. Amelia described the schedule of events for the evening. *Amelia will send out a form to members to sign up for 2-hour shifts to present at the table.
- Presentation to the Board of County Commissioners: Tim Cochnauer volunteered to present in August. *Rebecca Mahan will reach out to the Board of County Commissioners for available dates in August. *Tim will reach out to project leads for new data to include in the presentation.

Northwest Straits Commission Update

Alan Clark was not present for an update on the most recent Northwest Straits Commission meeting. Clallam County will host a Northwest Straits Commission monthly meeting in 2025 – details to be determined. LaTrisha recommended that arrangements begin in January 2025, which Rebecca has already relayed to the Commission. Mike Doherty recommended that the meeting could coincide with the annual Intertribal Canoe Journey, hosted by the Lower Elwha Klallam Tribe in 2025.

Aquaculture Subcommittee

Rebecca Mahan has reached out to Jim Parsons (Jamestown Seafood) about a possible follow-up presentation. The aquaculture subcommittee is compiling and refining a list of questions. *Amelia will share a link with members that compiles aquaculture resources to facilitate further research.

Field Project Updates

- Olympia Oyster: Chris Burns said that 4,000 bags of Pacific oyster shell were spread, and broodstock was collected to grow oyster seed for placement later this year. Nancy Stephanz mentioned an article on obtaining oyster shell from restaurants. *Rebecca will share this article with members by email. Rebecca said that Annie Raymond (Shellfish Biologist, Jamestown S'Klallam Tribe) is submitting an abstract to the Annual Shellfish Growers Meeting in Georgia on the Olympia Oyster restoration project.
- *Forage Fish:* Tim Cochnauer said that no eggs were found at Cline Spit in May, which is surprising because May is usually the peak. Monthly sampling continues.
- *Elwha Beach Stewardship:* Helle Andersen said that she has continued surveying dog and person use of the beach, and is compiling data. A new sticker was printed showing the MRC funding of the Sanican and giving a QR code for the survey, which *Helle will place on the inside of the Sanican. Helle also suggested placing the sticker on top of the current signage. Members discussed the contents of the routine survey. *Tim Cochnauer offered to collect car counts, time and date when he visits the area for forage fish sampling.
- Sound Toxins: Nancy Stephanz said that weekly sampling continues. She clarified that the purpose is to contribute data to a central Sound Toxins database that helps determine when addition sampling is needed for harmful algal blooms. Nancy invited any members to join for weekly sampling if they wish. LaTrisha Suggs suggested creating a coaster based on plankton.

- Shellfish Biotoxins: Bob Vreeland said he is continuing to sample shellfish at Pillar Point, but cannot access any of the resulting data. Chris Burns said he is on an email list to get this data, and *will share the relevant information.
- *Pinto Abalone:* Alan Clark and Jeff Ward were not present for updates. Rebecca Mahan said the Quality Assurance Project Plan has been approved, and dives are expected to start at the end of summer.
- *Kelp Surveys:* Alan Clark and Jeff Ward were not present for updates. Rebecca said that Alan has gone on a scouting trip to Freshwater Bay, and the summer surveys are being scheduled.

Education / Outreach

- Coasters: LaTrisha said several local establishments are enjoying the coasters. She suggested a coaster focused on recruitment of MRC members and volunteers, including a photo of people enjoying fieldwork. Ann Soule suggested this idea would work well, as soon as a landing page is established for interested volunteers that could be linked to a QR code. *Bob Vreeland volunteered to work with Ann on coasters.
- New displays: Ann Soule has four posters in hand for the film festival (kelp, Sound Toxins, Olympia oysters, forage fish), and is gathering information for two or three more. LaTrisha suggested pigeon guillemot, and Rebecca Mahan suggested pinto abalone. Ann said that the next posters were already determined at a previous meeting, and *she will share a list with Amelia to include on future agendas.
- Interns: Tim has compiled a list of potential projects for an intern, which exceeds the college
 requirement of 33 work hours per credit hour. The administrative process for paying an intern
 and getting academic credit processed was discussed. An intern could potentially be recruited
 for the fall quarter, which starts September 19. Rebecca Mahan stated that next steps are a form
 provided by the college to process academic credit and pursuing the possibility of paying the
 intern's tuition directly through an invoice. *Tim will work with Rebecca and Amelia on these
 next steps.

Other Updates / New Topics

Rescue tug letter: Mike Doherty shared an update. The Trans Mountain pipeline has continued construction and was expected to begin pumping oil, but has not yet begun pumping. The pipeline will be sold to a private party for operations, which Mike suggested is cause for concern regarding low safety and maintenance investments. The Department of Ecology adopted their new administrative law regarding financial responsibility which governs smaller infrastructure such as articulated barges. This was despite hundreds of pages of public comments focused on outdated 1990's data for the expected costs of a major spill. The escort tug plan is still in a scoping phase for the Environmental Impact Statement, with another work session open to the public scheduled for July 8th. The Department of Ecology is holding <u>three public listening sessions</u> in June and early July regarding climate change resiliency policy. Clallam County just ended public comment to the Board of County Commissioners on that plan during its development.

- Geographic Response Plan: Rebecca Mahan stated that she reviewed the <u>Strait of Juan de Fuca</u> <u>Geographic Response Plan (GRP)</u> and found errors and omissions that she commented on. The comment period is now closed. Chris Burns said his thoughts on the GRP were similar, and elaborated on the purpose of a GRP. Ann Soule noted she is thankful for tribal biologists and planners creating these documents.
- Green crab update: Ioana Bociu and Joann Labaw were not present for an update.
- Options for working calendar of events: Amelia Kalagher presented two options for a shared, internal calendar of events for MRC members – a live word document listing events, or an embedded Google Calendar on the MRC website. Multiple members commented that they preferred the embedded Google Calendar for ease of access and visual appeal, with the caveat from Ann Soule that specific names and places should not be included on this public-facing calendar to retain privacy. *Amelia will publish this calendar to the MRC website and email members to let them know it's available.
- Removal from MRC for nonparticipation Lisa Law: LaTrisha Suggs shared that Lisa Law, on the MRC as Development Community Alternate, has never participated in MRC meetings or events. Rebecca and Amelia have reached out to check if she is interested in participating, with no response. Bob Vreeland moved to recommend that Lisa Law is removed from the MRC; Ann Soule seconded. The motion passed unanimously. *Rebecca Mahan will submit this recommendation to the Board of County Commissioners' agenda.
- Recruiting for open MRC members: Helle had been expecting a flyer to post at the yacht club for member recruitment, but Amelia recommended this wait since the list of available positions is in flux. Rebecca suggested materials like the application and a general MRC pamphlet could be provided. Ann Soule offered to meet with the two Surfrider Foundation members in attendance, as they consider their interest in joining the MRC. LaTrisha requested an updated list of members and open positions, which Amelia said is up to date on the <u>MRC website</u>.
- Possible future presentation topics: Nancy Stephanz suggested a presentation on eDNA techniques, and suggested that Sean McAllister (NOAA) offered to speak to MRCs on this topic. Bob Vreeland suggested Jim Parsons could present to the MRC at large, which the aquaculture subcommittee is already considering. Bob also suggested the ocean alkalinity enhancement project as a potential topic. Mike Doherty suggested sea level rise and community resilience, especially related to the Jamestown Beach area, and potential liability for building permits issued when these conditions are known.

Adjourn

The meeting was disrupted by vulgarity from multiple Zoom accounts. The disruption could not be quickly removed, and *Chair LaTrisha Suggs adjourned the meeting at 7:17.* The disruption was reported to Clallam County IT, who reported the following day that they identified the individuals responsible and reported to appropriate authorities. The items planned for discussion during Good of the Order will be moved to July's agenda.

Action Items

- Ed Bowlby will follow up with Amelia Kalagher by email to clarify what support is needed for the pigeon guillemot project in early July.
- Amelia will continue reminding members as the volunteer hours reporting deadline approaches.
- Amelia will send out a form to members to sign up for 2-hour shifts to present at the table at the film festival.
- Rebecca Mahan will reach out to the Board of County Commissioners for available annual presentation dates in August.
- Tim Cochnauer will reach out to project leads for new data to include in the annual presentation.
- Amelia will share a link with members that compiles aquaculture resources to facilitate further research.
- Rebecca will share the article recommended by Nancy Stephanz regarding oyster shell from restaurants with members by email.
- Helle Andersen will place the new funding and survey sticker on the inside of the Elwha Sanican.
- Tim offered to collect car counts, time and date when he visits the Elwha Beach for forage fish sampling.
- Chris Burns will share information about the shellfish biotoxin data he receives on an email list.
- Bob Vreeland volunteered to work with Ann Soule on coasters.
- Ann will share a list of planned new posters with Amelia to include on future agendas.
- Tim will work with Rebecca and Amelia on next administrative steps for an intern.
- Amelia will publish an embedded Google Calendar to the MRC website and email members to let them know it's available.
- Rebecca will submit the recommendation for the removal of Lisa Law from the MRC to the Board of County Commissioners' agenda.

CLALLAM MRC MEETING AGENDA



July 15, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: https://us06web.zoom.us/j/85314804485 Meeting ID: 853 1480 4485 Passcode: 12345

For more information about the MRC, please contact Rebecca Mahan at (360) 417-2322

5:30 <u>Welcome by Chair LaTrisha Suggs / Call to Order / Roll Call</u>

5:35 Public Comment / Approval of Minutes

• Approval of June minutes

5:40 Announcements

- <u>River and Ocean Film Festival</u> July 26th
- Annual presentation to BOCC Aug 5th Tim Cochnauer

5:50 <u>NWSC Update</u>

• NWSC monthly meeting - Alan Clark

5:55 Advisory Role

- Aquaculture subcommittee on hiatus
- PNNL micro-grid: proposal with wave, wind, underwater turbine options *informational* See informational attachments at end of agenda
- Project Macoma: project and permit status informational
- Comprehensive plan updates
 - o Sequim Comp Plan informational
 - o Clallam County Comp Plan informational
 - o Port Angeles City Comp Plan informational

6:10 Field Project Updates

- Olympia Oyster Chris Burns
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- Sound Toxins Nancy Stephanz
- Shellfish Biotoxins Bob Vreeland
- Pinto Abalone Jeff Ward & Alan Clark
- Pigeon Guillemot Ed Bowlby
- Kelp surveys Jeff Ward & Alan Clark

Projects inactive this month:

• Ediz Hook – Helle Andersen

2024 Meetings	
January 22	A

January 22	April 15	July 15	October 21
February 26	May 20	August 19	November 18
March 18	June 17	September 16	December 16

6:25 Education/Outreach

- Coasters order a new round of designs Ann Soule
- New Displays on hiatus (crab, pigeon guillemots, toxins)
- Interns working with Peninsula College on academic credit options Tim Cochnauer

6:35 Other Updates/New Topics

- Rescue tug letter Mike Doherty
- Green crab update Ioana Bociu and Joanne Labaw volunteered
- <u>Recruiting for open MRC members</u> Marine Related Recreation & Tourism, Makah Tribe, Development Community Alternate, and District III Alternate
 - Potential for recruitment subcommittee
 - Potential email list of interested parties
- Presentation / table at November Northwest Straits Commission conference
 - o Staff will attend (Rebecca/Amelia) & MRC members
- MRC Strategic Plan updating for 2025 2029

6:50 Good of the Order

- Department of Ecology draft WA Climate Resilience Strategy Mike Doherty
- Useful tools for data gathering discussion
 - o Examples: BlueBoat uncrewed surface vessel, tiny sensors for DNA
- 6:55 Public Comment
- 7:00 Adjourn

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

July 15 August 19 September 16 October 21 November 18 December 16



Clallam County Marine Resources Committee

5-Year Strategic Plan

2019 through 2024



Jeff Ward, Chair Commissioner District 1

Lyn Muench Commissioner District II

Mike Doherty Commissioner District III

Greig Arnold Makah Tribe

Mike McHenry Elwha Tribe

Robert Knapp Jamestown-S'Klallam Tribe

Sissi Bruch City of Port Angeles

Jesse Wankitz Port of Port Angeles

Ann Soule Sequim City Council

Ed Bowlby Academic Community

Arnold Schouten Development Community

Bob Vreeland Conservation/Environmental Community

Pete Schroeder Marine Recreation

Vacant Marine Trades

Alan Clark At-Large Member

INTRODUCTION

The Clallam County Marine Resources Committee (CCMRC) is a volunteer organization that was established as an advisory committee in 1999 by the Clallam County Board of Commissioners (hereafter referred to as County Commissioners) through Resolution 58-1999 (Attachment 1) for the purpose of addressing marine issues in the Strait of Juan de Fuca, recommending remedial actions to local authorities, fostering awareness of these issues, and gaining local support for the remedial actions. The CCMRC and six other organizations representing the citizens of Island, Jefferson, San Juan, Skagit, Snohomish, and Whatcom counties bordering the Salish Sea (collectively known as the Northwest Straits) were established in accordance with the Northwest Straits Marine Conservation Initiative (Northwest Straits Initiative).

This initiative was authorized by congress in 1998 following the recommendations of a blue ribbon committee created by U.S. Senator Patty Murray and U.S. Representative Jack Metcalf (Murray-Metcalf Commission). A description of the authorities, authorizations, and history of the CCMRC and the Northwest Straits Initiative is provided in Attachment 2.

To fulfill its charter, the CCMRC prepares a five-year strategic plan that guides our activities and measures our success. The following is the Five Year Strategic Plan for 2019 through 2024.

VISION STATEMENT

CCMRC's vision is a healthy marine ecosystem for future generations.

MISSION STATEMENT AND GOALS

CCMRC's mission is to develop projects that achieve the following goals:

- Goal 1: Protect and restore marine ecosystems
- Goal 2: Use science to support decision-making
- Goal 3: Promote environmental stewardship.

GUIDING PRINCIPLES

Bottom-Up, Place-Based Thinking Gets Things Done

The CCMRC provides a forum to discuss challenges, explore ideas and solutions, and mobilize the local community to ensure the marine resources of Clallam County are available now and in the future. Ideas generated at a local, stakeholder level create a sense of ownership and shared commitment that promotes success and provides a positive example of how to conserve and restore the resources of the Strait of Juan de Fuca.

Partnerships are Essential

Federal, state, and local entities as well as treaty tribes face an ongoing struggle to do more with less. The CCMRC realizes that forging strong partnerships are an essential part of our success. By leveraging financial and human resources, creating programs and projects that meet the needs of different groups, and working collaboratively with our existing and future partners, the CCMRC can continue to serve the citizens of Clallam County.

Education and Engagement Should be a Component of Every Project

Membership of the CCMRC is varied and encompasses many perspectives, but members realize that our most important job involves public education and engagement. Thus, whenever possible, the CCMRC incorporates hands-on opportunities for students, citizen scientists, and members of the public into our programs and projects. By doing so the CCMRC provides an opportunity for those interested in careers in science or education to learn by doing, and for citizens of Clallam County to gain a better understanding and appreciation of our regional marine resources and their needs.

Sound Science Increases Certainty in Decision-Making

Some of the CCMRC projects involve the collection of scientific data that can be used to assess changes to the marine environment, reduce uncertainty, and support environmental decision-making. Information can also be used to better understand the potential impacts, tradeoffs, and risks of one action compared with another. For projects that involve data collection, the CCMRC commits to following scientifically accepted protocols developed collaboratively with local, state, and federal partners. Results from these efforts are disseminated to project partners, stakeholders, and the public in a way that is understandable and useful for decision-making.

Decision-Making Must Include Environmental, Socioeconomic, and Cultural Components

The makeup of the CCMRC includes representatives from local and regional governments, treaty tribes, and members representing economic development, marine trades, marine recreation, academia, conservation, and environmental interests. This diverse membership provides different perspectives that add value to CCMRC's advisory role to the County Commissioners and promotes the design and implementation of projects that reflect socioeconomic and cultural perspectives while protecting and sustaining the marine resources of Clallam County.

Guiding Principles Summary

The guiding principles discussed above are incorporated into all of our work, and remind us that the best decisions are reached when 1) local people are involved at the beginning, 2) effective partnerships are created and sustained, 3) numerous opportunities are available for learning and participation, and 4) reliable information is obtained to assess the environmental, social, and cultural aspects of our environment.

KEY PARTNERSHIPS AND COLLABORATIONS

Since its creation in 1999, the CCMRC has worked collaboratively with a variety of groups and organizations to support our goals and increase public awareness of marine resource issues. We have partnered with numerous entities including Peninsula College, Olympic Outer Coast National Marine Sanctuary, Feiro Marine Life Center, our three treaty tribe members, and the local chapters of Surfrider Foundation and Audubon, to name a few. A complete list of partnerships and collaborations that have been developed by the CCMRC since its inception is provided in Attachment 3.

In partnership with the six other MRCs, we also leverage project funding, share ideas, discuss lessons learned, and develop integrated projects that maximize results. In a world where funding for environmental restoration protection is scarce and competitive, the development of partnerships that extend funding and share skills, knowledge, and resources is vitally important.

CCMRC STRENGTHS, CHALLENGES, OPPORTUNITIES, THREATS

Understanding the strengths, challenges, opportunities and threats to an organization is an essential part of any strategic plan.

Strengths

Our primary strengths include the technical expertise of our members, our positive presence in Clallam County for nearly two decades, our past successes, and our organizational structure that promotes effective stakeholder representation and encourages collaborative engagement. Going forward, it is essential that we continue to recruit and retain effective members, liaisons, and volunteers, to maintain our excellent reputation in Clallam County, and to raise the overall visibility of our organization to attract new volunteers and ensure future success.

Challenges

The challenges we face are typical of many local volunteer organizations: too many things to do and not enough time, money, and staff to do them. The CCMRC is hampered by limited time to conduct business, given the monthly meeting format and the other duties and responsibilities each member has outside of the committee. During 2019-2024, we will continue to look for ways to leverage funds, engage members, and use the committee and subcommittee structure allowed in our bylaws to spread the work among members, alternates, and volunteers so more can get done.

Opportunities

Given the high level of interest in environmental protection and sustainability within Clallam County and at the regional and national scale, we see many opportunities in the next five years. Community-based decision-making and stewardship is an attractive form of governance, regardless of political affiliation.

Organizations that are experienced in engaging citizens in projects addressing ecological, socioeconomic, and cultural concerns will become increasingly important. Locally based organizations like the CCMRC offer low overheads and access to members with years of diverse experience and technical skills. They represent the best bargain available with regards to investments in environmental protection, restoration, and sustainability. In the coming years, the CCMRC will continue to provide well-reasoned input to the County Commissioners on important marine issues facing the Salish Sea.

Threats

Threats to the CCMRC include the increase in competition for scarce funds, restrictive matching fund requirements for some grants, and the potential for CCMRC members to become discouraged by the "do more with less" approach that is becoming a common practice in environmental restoration and protection. It is also important to realize that issues facing the Salish Sea continue to grow in number, complexity, and severity. The need to set priorities and limits means that some number of important actions won't be possible.

Summary of CCMRC Strengths, Challenges, Opportunities and Threats

 STRENGTHS Long-term presence in Clallam Co. Wide, varied representation. Many success stories. Local and regional support. Great relationships with NWSC, NWSF, and other partners. Members bring wealth of experience and expertise. 	 OPPORTUNITIES Increased focus on ecosystem health, services, and sustainability. Growing support for community- based projects and guidance. Advantage to partnering with other advisory groups that can address ecological, socioeconomic, and cultural needs.
 CHALLENGES Not always possible to make measurable impact due to funding and staff constraints. Committee members have other outside commitments that influence ability to contribute. Meeting only monthly can make it hard to get things done efficiently. 	 THREATS Funding mechanisms are changing and will become much more competitive. Matching fund requirements will become more prevalent. "Do more with less" mentality can create discouragement.

ACTIVITIES TO ACHIEVE LONG-TERM GOALS



GOAL 1: Protect and Restore Nearshore Ecosystems

Nearshore ecosystems are subject to a variety of natural and anthropogenic stressors that affect both the quality of the environment and the ability of the ecological systems to persist through time. These fragile ecosystems are adversely affected by legacy actions (e.g., shoreline modification, armoring, nearshore development) and new stressors, like the presence of invasive species or the effects of climate change that may significantly alter or adversely affect existing nearshore resources. In support of Goal 1, the CCMRC will focus on projects and activities that restore nearshore ecosystems and native species, protect existing resources from further harm, and mitigate the effects of climate change or other environmental stressors.

We view recent success stories, such as the Makah Tribe's investment in science and technology to better understand the risk of increased oil transport along the Strait of Juan de Fuca, the Elwha Klallam Tribe's advocacy and leadership leading to the removal of the Elwha River dams, the Jamestown S'Klallam Tribe's pocket estuary restoration work at Washington Harbor, and the restoration work at the site of the former Three Crabs Restaurant by the North Olympic Salmon Coalition, as examples of what can be done when local agencies and entities work together.

Approach

The CCMRC promotes and supports projects that ensure that the marine resources of Clallam County are protected and sustained for future generations. Future projects will be locally focused, and will reflect regional and national priorities and concerns whenever possible. CCMRC projects will continue to provide examples of how to balance marine resource protection and sustainability with socioeconomic and cultural needs. Public participation, education, and outreach will be an important component of all projects.

Activities

Based on available funding, activities that may be considered during 2019-2024 include:

Native Species Restoration

During 2019-2024, the CCMRC will continue to look for opportunities to restore native species to nearshore areas. This work will build on the successful collaboration with the Jamestown S'Klallam Tribe to restore native Olympia oysters to suitable areas within and adjacent to Sequim Bay, and will involve assessment of new restoration sites or partnerships that will enable additional acres of tideland to support this species. The CCMRC may also initiate new partnerships that enable restoration of other species in nearshore areas of Clallam County.

Oil Spill Preparedness Training

Training citizens to safely provide support to professional oil spill response groups has been a focus of the CCMRC for many years. Currently, the Strait of Juan de Fuca is heavily utilized for the marine transport of hydrocarbons, and many believe it is a matter of when not if the next oil spill will occur. Clallam County residents also remember the December 21, 1985 Arco Anchorage oil spill that released over 200,000 gallons of crude oil into Port Angeles Harbor and killed scores of birds, fish, and marine mammals. That spill, and others that have occurred before and since, have demonstrated the need for trained citizen-responders to safely assist in response actions. In the coming years, the CCMRC will continue to work closely with federal and state agencies and non-governmental organizations (NGOs) to provide annual Hazardous Waste Operations and Emergency Response (HAZWOPR) and oiled wildlife rescue and care training. These courses have been very popular with our local citizens, and we intend to continue and expand them as needed in 2019-2024.

Derelict Gear and Marine Debris Removal

Derelict or lost nets and crab pots can continue to "fish" for extended periods, adversely affecting fish, shellfish, marine mammals, and birds. Programs supported by federal and state resource agencies and administered through both the Northwest Straits Commission (NWSC) and the Northwest Straits Foundation (NWSF) have enabled removal of large amounts of derelict nets and crab pots from the Salish Sea.

In past years, the CCMRC has focused primarily on activities that reduce the number of derelict crab pots in Sequim Bay, Dungeness Bay, and Port Angeles Harbor. Our work has included both targeted removal efforts and public outreach to reduce future recreational crabbing pot losses. The CCMRC has also worked closely with key partners to support marine debris removal along the Strait of Juan de Fuca and the use of standardized protocols to describe and weigh the collected debris. During 2019-2024, the CCMRC will continue derelict gear removal efforts, and support other programs that raise public awareness of the issue. We will also consider expanding our existing programs to address other marine debris-related issues (e.g., presence of microplastics and the use of environmentally friendly material choices for marine construction).

Protection of Nearshore Ecosystems

One of the keys to ensuring a sustainable marine environment is the responsible use and development of nearshore ecosystems. Bulkheads and other forms of shoreline armoring designed to protect property from storm damage and erosion also creates significant adverse impacts to

nearshore ecosystems by acting as a barrier to natural sediment transport and changing important beach characteristics. Although permitting and mitigation strategies have improved over the years, conservation and protection of shorelines is the most effective tool for ensuring healthy ecosystems and keeping people out of harm's way. Besides providing input to the County Commissioners with regard to proposed nearshore development projects, the CCMRC will continue to work closely with agencies, treaty tribes, real estate brokers, and private citizens to provide support and guidance on how to best apply habitat-sensitive methods to provide protection from storm damage and erosion and how to mitigate effects to nearshore ecosystems from climate change, ocean acidification, and sea level rise. The overarching goal of these activities is to ensure the safety of people and the protection of nearshore marine resources in Clallam County.

Key Collaborations

Key collaborations to achieve Goal 1 include continued partnerships with the existing network of supporters and volunteers that have played a role in CCMRC's success in protecting and restoring nearshore eco systems. Today our partners include the NWSC, NWSF, state and federal resource agencies, and treaty tribes. In the future when appropriate CCMRC will enlist other partners listed in Attachment 3.

Measures of Success

The Measures of Success of Goal 1 projects to be conducted during 2019-2024 period are presented in Table 1 below. Specific metrics will be developed during preparation of the CCMRC annual work plan to be presented to NWSC, NWSF, or in grant proposals to state and federal agencies when appropriate.

Activity	Measure of Success Metric
Native species restoration	Area planted (acres)Species density over time
Oil spill preparedness training	 Number of volunteers trained/year Number of repeat versus new volunteers trained
Derelict gear and marine debris removal	 Quantity of crab pots or nets removed Weight and type of marine debris collected Number of volunteers involved (if applicable)
Shoreline landowner engagement	 Number of attendees at outreach events Number of specific actions to reduce ecosystem impacts or mitigate climate change

GOAL 2: Use Science to Support Decision-Making

One of the most important elements of the scientific process is the collection of high quality data. CCMRC is in a unique position to provide quality data that can be used to support decision-making given the experience and interests of its members and volunteers.



Over the past decade, the CCMRC has increased its environmental data collection activities to include surveys of marine birds, forage fish, and macroalgae (kelp). We have also resumed marine biotoxin surveys during the spring and summer in the western Strait of Juan de Fuca to ensure the safety of recreational clam diggers. We will continue to support efforts by state and federal agencies and the Jamestown, Elwha, and Makah tribes to assess the threat posed by the presence of invasive European green crab.

All surveys require trained volunteers to follow standardized protocols to ensure scientific integrity and data defensibility. During 2019-2024, the CCMRC plans to continue the existing data collection activities and to expand them geographically, if possible, to better understand trends and reduce uncertainty.

Just as important we are beginning to explore new technologies that will expand our knowledge of nearshore flora and fauna and support decision-making. These technologies may include drones, autonomous sampling and detection devices, or devices that can be easily deployed from small boats or kayaks to assess marine resources.

Approach

The CCMRC will continue to look for opportunities to engage citizens in projects involving environmental data collection that can be used to assess baseline conditions, monitor change, and support decision-making. Data collection activities may include surveys of seabirds, fish, and macroalgae, marine biotoxin sampling, and invasive species monitoring. These projects will encourage local citizen science, provide opportunities for student interns, raise the visibility of the CCMRC and the Northwest Straits Initiative with the objective of promoting environmental awareness and good stewardship. While implementing these programs CCMRC will engage with local and regional environmental scientists and professionals to assess the feasibility of new technologies to quantify environmental resources, with an emphasis on inexpensive systems that can be used by citizen scientists and interns in nearshore settings.

Activities

Based on available funding the following activities will be considered during 2019-2024 period:

Pigeon Guillemot Surveys

Over the past three years, the CCMRC has expanded the pigeon guillemot surveys in Clallam County from a handful of sites and a few volunteers to a comprehensive network of monitoring sites and volunteers extending from the Miller Peninsula west to Freshwater Bay. Collected data is checked for accuracy, and then entered into a publicly accessible database for use in status and trends assessments.

We expect to continue and potentially expand this program during 2019-2024 if our volunteer pool remains engaged and sufficient funds are available to support the effort.

Forage Fish Monitoring

In partnership with the Washington Department of Fish and Wildlife (WDFW), the CCMRC has provided monthly sampling of local beaches to determine forage fish egg presence and species composition. Given the importance of forage fish in the food web of the Salish Sea, our work provides information from locations that are not routinely sampled by state personnel. Sampling areas have included John Wayne Marina, Jamestown Beach, Dungeness Bay, the mouth of the Elwha River, and Ediz Hook. Trained CCMRC members have also assisted with a larger forage fish monitoring effort by WDFW in the spring to increase the number of sampling sites along the Strait and contribute to the understanding of these important species. We will continue forage fish monitoring during 2019-2024.

Kelp Monitoring

CCMRC members and student interns will continue the kelp monitoring program established in partnership with the NWSC and the Washington Department of Natural Resources (WDNR) in 2016. Although we expect our work will focus primarily in existing beds in Freshwater and Clallam Bays, sampling locations may be revised based on guidance from the WDNR and NWSC.

Marine Biotoxin Sampling

For many years, members of the CCMRC collected marine biotoxin samples from beaches west of Port Angeles to ensure their safety for use by recreational clam diggers. This work was ended a few years ago when the Washington Department of Health (WDOH) and the Clallam County Department of Health (CCDOH) staff took over sampling responsibilities. However, in 2017, due to budget cutbacks, the CCMRC was asked to reinitiate the biotoxin monitoring program. In response, the CCMRC has conducted monthly biotoxin monitoring during the spring and summer months at Pillar Point west of Port Angeles, and will continue to monitor this site in collaboration with WDOH and CCDOH if funding remains available. By ensuring that systematic sampling will continue to occur at this location, the CCMRC enables county and state resource agencies to make the beach available for safe public harvest. We will also consider expanding this work to other beaches in collaboration with our existing partners if possible.

Invasive Species Monitoring

The presence of European green crab at nearshore locations in Clallam County has precipitated a

multi- agency monitoring program within the Salish Sea. Scientists from federal and state resource agencies, universities, NGOs, and treaty tribes have developed standardized protocols for trapping and assessing green crab sex and size class. The resulting programs have included both CCMRC and public support. During 2019-2024, CCMRC will continue partnering with our treaty tribe partners, Dungeness National Wildlife Refuge (DNWR) personnel, students, and volunteers to assess the spatial extent and impact of this invasive species, if the problem persists. We also expect this collaborative effort to be a useful model in the event other invasive or exotic species are found in our nearshore environments.

Innovative Data Collection Technologies

During 2019-2024, the CCMRC will explore whether established or emerging data collection technologies can be integrated into local citizen science programs to enhance our ability to collect relevant environmental information. Examples of candidate technologies include drones, autonomous sampling systems, and small boat or kayak-based technologies that can provide imagery showing the presence or absence of seagrass, algae, or other environmental features.

The CCMRC will invite local experts in technologies of interest to present at meetings, discuss the use of technologies with other MRCs, and engage local and regional resource managers to better understand their use of innovative tools. Emphasis will be placed on low-cost systems that are user friendly, yet able to collect scientifically defensible information. The CCMRC will also engage with local and regional environmental scientists and professionals to assess the feasibility of new technologies to quantify environmental resources, with an emphasis on inexpensive systems that can be used by citizen scientists and interns in nearshore settings

Key Collaborations and Partnerships

Key partners in our environmental monitoring work include the Olympic Peninsula Audubon Society (pigeon guillemot), the DNWR (invasive species), WDFW (forage fish), the NWSC (kelp), CCDOH and the WDOH (marine biotoxin), and the Makah, Elwha, and Jamestown Tribes. We expect this list to grow, especially if we are able to use new technologies in environmental data collection.

Measures of Success

General measures of success associated with work conducted during 2019-2024 to support Goal 2 are presented in Table 2. Specific metrics will be developed in annual work plans to the NWSC, NWSF, or in grant proposals.

Activity	Measure of Success Metric
Environmental monitoring, including invasive species sampling	 Number of stations or sites visited Number of volunteers involved and volunteer hours per year
Marine biotoxin sampling	 Acres of beach classified as Open or Closed to recreational clamming according to safety parameters Number of volunteers involved and volunteer hours per year
Innovative data collection technologies	 High detection precision and accuracy for intended use Low cost Ease of use

Table 2. General Measures of Success for Goal 2 Activities

GOAL 3: Promote Environmental Stewardship

Promoting environmental stewardship is a primary CCMRC responsibility and a key part of achieving our mission to protect and restore the near shore marine resources. One of the most effective means of accomplishing this goal is through educating and engaging the citizens and students of Clallam County in our programs.

Education enables the participants to understand environmental, socioeconomic, and cultural issues and tradeoffs; engagement fosters ownership and promotes good stewardship of the abundance of natural resources along the Strait of Juan de Fuca.

What follows is a description of the key activities we hope to pursue in 2019-2024 in support of our MRC's mission and the overall mission of the Northwest Straits Initiative.



Approach

Our approach to promoting environmental stewardship through education and engagement is to study the issues and challenges we face in Clallam County, endeavor to present all sides of the story, and involve our citizens in the process of protecting and restoring their marine environments in a manner consistent with the intent of the Northwest Straits Marine Conservation Initiative.

In addition, we want to expand our education and engagement activities by taking advantage of environmental work occurring in our area. Within the next 2 to 7 years, there are already three significant projects that involve marine restoration projects: the Port Angeles Harbor cleanup, the Rayonier site clean-up, and a creek restoration/planning effort in Port Angeles. We anticipate that this list will continue to grow

During 2019-2024, we intend to augment the promotion of environmental stewardship objectives by

- Looking for new ways of reaching a larger audience by exploring communication and social media options that are now available
- Raising the visibility of the CCMRC and Northwest Straits Initiative in our community and helping citizens understand the value of the organizations and their role in the protection and restoration of marine resources
- Establishing partnerships with the local schools (elementary, middle, and high schools, and alternative education organizations)
- Strengthening the partnership with Peninsula College to involve more student and faculty participation.

Activities

Based on available funding, activities that will be pursued during 2019-2024 may include:

Advise Clallam County Board of Commissioners

The CCMRC functions as an advisory body to the County Commissioners. Because our membership comprises local citizens representing commercial and sport fishers, conservation and environmental interests, treaty tribes, urban and rural communities, academia, and various local agencies and businesses, we provide a unique perspective on marine resource issues and a wealth of knowledge and experience.

We will continue to provide advice and input to the County Commissioners, when appropriate. This input may be in the form of public testimony, presentations, written recommendations, position papers, or any other form requested by the County Commissioners.

Citizen Engagement Opportunities

The CCMRC will continue to actively participate in local outreach events, e.g., the annual Dungeness River Festival and the "Celebration of Science" events.

An effort will be made to increase our collaboration with our partners to sponsor scientific symposia and educational speaker engagement on the Olympic Peninsula. One such program is now being developed to increase awareness of the derelict gear cleanup and introduce new residents to sustainable crabbing practices.

Student Internship and Citizen Science Program

One of the defining characteristics of the CCMRC within the Northwest Straits Initiative is our robust student internship program. By involving students working towards environmental science and technology degrees in our programs and projects, we provide valuable real-world experience and mentorship from our members. Over the years, students have participated in many of the data collection activities described in Goal 2, and learned effective outreach techniques through public presentations of their work.

A complimentary component of our outreach is to provide opportunities for local people to participate in environmental data collection activities. Engagement with local citizens fosters environmental stewardship and also raises the visibility of our MRC and the work of the Northwest Straits Initiative.

The internship program will continue and the 2019 internships are already being developed. Our efforts to build partnerships with local residents will be expanded through offering citizens opportunities to participate in various programs and nearshore restoration efforts.

Education and Outreach

The focus of our education and outreach programs will continue to focus on providing citizens with examples of good stewardship and creating opportunities to learn and explore the implications of emerging issues. Two of our current educational outreach programs HAZWOPER and Crabber Outreach efforts will continue with efforts to increase their effectiveness when needed.

An increased effort will be made to support and facilitate forums that educate the public on emerging issues and challenges that directly affect Clallam County. An active effort will be made to explore the ecological, socioeconomic, and cultural implications of crude oil transport through the Strait of Juan de Fuca and to engage the public in these discussions.

Participating in "celebration of science" events that explore issues and challenges related to the Strait and the Salish Sea. We are also exploring the possibilities of sponsoring forums on climate change and its impact on our nearshore environment, and events that raise awareness of declining southern resident killer whale populations in local waters, and discuss response actions that will protect this endangered species.

Enhance and expand our interaction with Peninsula College to involve more student participation in all our projects and enhance their scientific education through classroom presentations or other appropriate interactions.

Establish a relationship with the local school districts and explore the integration of CCMRC projects and experts in educational activities for elementary, middle, and high school students. This may include the existing videography studios that could participate in the development of a video to document some of CCMRC projects, the student leadership program or science classroom conversations on environmental stewardship, and summer science clubs in which students get to collect and analyze environmental data.

Key Collaborations

Key collaborations will include local and regional resource managers from federal and state agencies, treaty tribes, universities, NGOs, and the staff of both NWSC and NWSF. We will also continue to partner with Peninsula College and the Feiro Marine Science Center to support our intern program and facilitate public meetings or symposia. We will begin exploring ways to interact with the school district and the local schools to help us include students in our projects and to help bring us into the classroom to teach and encourage students on our marine resources.

Measures of Success

General measures of success associated with work conducted during 2019-2024 to support Goal 3 are presented in Table 3. As noted above, specific metrics will be developed in annual work plans to the Commission or in grant proposals.

Activity	Measure of Success Metric
Advice to Board of Commissioners	• Commissioner feedback on advice and engagement
Internship and Citizen Science Program	 Number of interns funded Intern feedback on experience on overall experience and mentoring Number of volunteers involved and volunteer hours per year
Education and Outreach	 Public feedback on content and quality of presentations and forums Public response to specific outreach events, e.g., crabber outreach-type events Number of outreach and education events involving local school districts Number of students that participated in CCMRC classroom discussions or projects.

ADDMENDMENT: 1

A T

BEFORE **THE** BOARD OF CLALLAM COUNTY COMMISSIONERS, STATE OF WASHINGTON

IN THE MATTER OF:)		
Establishing a Clallam County)		
Marine Resources Committee)	_	
As Provided For Under the)	resolution no. $\underline{5}$, 1999
Northwest Straits Commission)		

THE BOARD OF CLALLAM COUNTY COMMISSIONERS FINDS AS FOLLOWS:

- 1. The marine waters adjacent to Clallam County represent a resource of significant environmental, cultural and economic value to the people of the region for this and future generations.
- 2. The nearshore marine areas represent critical nursery grounds and migration areas for almost all commercially valuable living marine resources, including shellfish and many finfish.
- 3. In recent years, commercial and sports marine resources have generally been in decline.
- 4. Clallam County's marine coastline adjacent to the Pacific Ocean is protected by a National Marine Sanctuary which has an advisory board which includes representatives of geographically appropriate federal, state, local, and tribal entities.
- 5. It is appropriate to provide a mechanism for coordinating and continuing endeavors to protect natural marine habitats and fish and wildlife populations within the waters of the Strait of Juan de Fuca, which are not included in the Pacific Coast Marine Sanctuary
- 6. The Northwest Straits Commission was established on October 1, 1998 to provide an inter-county coordination and communication mechanism to assist efforts focusing on the marine resources of the Northwest Straits, from Cape Flattery in Clallam County to Blaine in Whatcom County.
- 7. Issues of tribal sovereignty, treaty rights, fishery co-management authority and responsibility and other jurisdictional responsibilities exist within and around the geographical boundaries of the Northwest Straits Commission program.
- 8. Counties may participate in the Northwest Straits Commission process by establishing Marine Resources Committees.
- 9. Marine Resources Committees are the structure by which counties can qualify to receive financial assistance and technical expertise from the Northwest Straits Commission and/or participating entities, for local government use in carrying out the scientific research, education, and planning functions required to appropriately and effectively address marine resource issues in the Strait of Juan de Fuca.

IN CONSIDERATION OF THE ABOVE FINDINGS, the Board of Clallam County Commissioners does hereby resolve to:

- I. Establish the Clallam County Marine Resources Committee as an advisory committee to the County Commissioners regarding issues related to the marine resources of the Strait of Juan de Fuca and its bays, estuaries and inlets within the borders of Clallam County.
- II. The Marine Resources Committee's mission is to address local marine issues related to the Strait of Juan de Fuca, recommend remedial actions to local authorities, build local awareness of the issues and support for remedies consistent with the Benchmarks for Performance as established in the August 20, 1998 Report to the Convenors by the Murray-Metcalf Northwest Straits Citizens Advisory Commission, including specific tasks as identified in "Exhibit A" (attached).
- III. Where relevant, the Marine Resources Committee shall make all reasonable efforts to coordinate with other resource planning projects, agencies, committees, councils, and tribal and non-tribal entities.
- IV. The Marine Resources Committee shall consist of 13 members. Seven shall be appointed by the Board of Clallam County Commissioners. The Sequim and Port Angeles City Councils, Port of Port Angeles Commission, Makah, Lower Elwha Klallam, and Jamestown S'Klallam Tribal Councils shall each appoint one member.
- V. Marine Resources Committee members appointed by the Board of County Commissioners shall include not less than one person from: a.) each of the three Commissioner Districts, b.) the Clallam Bay-Sekiu community, c.) commercial fishers, d.) sport fishers, e.) conservation/environmental interests, f.) the academic community.
- VI. Appointees shall be recruited by public announcements, plus active solicitation of interest from persons with relevant scientific expertise and constructive knowledge.
- VII. Appointments to the committee shall be for two, three, and four year terms to establish a revolving membership serving four year terms.
- VIII.Members of the Marine Resources Committee shall serve without compensation, but may be reimbursed for documented expenses at the discretion of the Board of Commissioners.
- IX. A member of the staff of the Clallam County Planning Division shall be designated to provide staff support in a non-voting, *ex officio* capacity. The Quileute Tribal Council and other federal, state, local

and tribal government entities may also designate staff or liaisons to assist the work of the Marine Resources Committee in a non-voting , *ex officio* capacity.

- X. The Marine Resources Committee shall continue until its charter is rescinded by official resolution of the Board of Clallam County Commissioners.
- XI. Funding for the Marine Resources Committee during 1999 shall be contingent on receiving a start-up stipend of \$ IO,000 from the Northwest Straits Commission.

PASSED AND ADOPTED THIS

<u>15th</u> DAY OF _____

, 1999.

BOARD OF CLALLAM COUNTY COMMISSIONERS

andi U Carole Y. Boardman, Chair

-:1

No+ Present

Howard V. Doherty , Jr.

ATTEST :

en Flores, Clerk of the Board

20: Community Development Board file minutes

Exhibit A

GOALS OF MARINE RESOURCE COMMITTEES CONSISTENT WITH THE BENCHMARKS FOR PERFORMANCE FOR THE NORTHWEST STRAITS ADVISORY COMMISSION:

- Encourage strong county participation in Marine Resources Committees (MRCs).
- Consistent with a scientifically-based regional system of Marine Protected Area (MPAs), identify local candidate sites and urge their inclusion at the appropriate level.
- Help insure a net gain in highly ecologically productive nearshore, inter tidal, and estuarine habitat within the county, as well as no significant loss of existing, high-value habitat. Work with State (the Puget Sound Action Team and resource agencies) tribes, and local authorities (especially local planning departments) to help map, assess, and protect nearshore habitat and prevent harm from upland activities through local and state ordinances and shoreline plans.
- Help insure a net reduction in shellfish harvest areas within the county closed due to contamination.
- Contribute to measurable increases in factors supporting bottom fish recovery (such as rockfish) including numbers of fish of broodstock size and age, average fish size, and abundance of prey species as well as sufficient amounts and quality of protected habitat.
- Contribute to increases in other key marine indicator species (including those identified in the 1997 West report on Puget Sound marine resources).
- Use and contribute to a scientific data pool on marine resources (for example, through the Puget Sound Ambient Monitoring Program PSAMP), including a scientific baseline, common protocols, unified GIS, and sharing of ecosystem assessments and research.

SPECIFIC TASKS:

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- Help assess marine resources and problems in concert with governmental agencies, tribes and other entities.
- Help identify local implications, needs, and strategies associated with the recovery of Puget Sound salmon under the Federal Endangered Species Act in concert with governmental agencies, tribes and other entities.
- Work with the Puget Sound Ambient Monitoring Program and other programs to enhance the scientific baseline and monitoring of the marine environment in the Northwest Straits.
- Identify current actions and the need for additional measures.
- Prioritize actions.
- Work closely with county leadership to implement local marine conservation and restoration initiatives.
- Coordinate with the Northwest Straits Advisory Commission on marine ecosystem objectives.
- Reach out to the public and other key constituencies on such issues as the link between healthy
 marine habitat and healthy resources and how MPAs can play an important role in habitat and
 resource protection.

MEMBERSHIP:

The Marine Resources Committee members shall be selected by county commissions and councils to ensure that the committee is represented by:

- Relevant scientific expertise;
- Balanced representation from:
 - Local government (especially planning staff from counties and cities with marine shorelines);
 - Affected economic interests (such as port, commercial fishers);
 - Affected recreational interests (such as sport fishers);
 - Conservation and environmental interests;
- Tribes. Each recognized tribe with a reservation in the county shall be offered a seat on the MRC. The representative is to be appointed by their respective tribal authority;
- Constructive and knowledgeable individuals.

The chair of the MRC shall be selected by a majority of the MRC membership. MRC members shall, by consensus, select one representative to serve on the Northwest Straits Advisory Commission.

ATTACHMENT 2: AUTHORITIES, AUTHORIZATIONS, AND HISTORY

The Clallam County Marine Resources Committee (CCMRC) was established by the Clallam County Board of Commissioners through resolution 58-1999 (Attachment 1) as an advisory committee to the County Commissioners with the specific purpose of addressing marine issues in the Strait of Juan de Fuca, recommending remedial actions to local authorities, and fostering awareness of these issues and local support for the remedial actions. This committee, and six others representing the citizens of Island, Jefferson, San Juan, Skagit, Snohomish, and Whatcom counties (collectively known as the Northwest Straits), was established in accordance with the Northwest Straits Marine Conservation Initiative (Northwest Straits Initiative), which was authorized by Congress in 1998 following the recommendations of a blue ribbon committee created in 1997 by U.S. Senator Patty Murray and U.S. Representative Jack Metcalf (Murray-Metcalf Commission). After evaluating a variety of options for protecting the marine resources of the Northwest Straits, including a national marine sanctuary, the blue ribbon committee concluded that a bottom-up, citizen-driven restoration process was a better alternative than a top-down program managed from Washington D.C. Celebrating its 20th year in 2018, the Northwest Straits Initiative is a nationally recognized model for marine conservation and protection.

The CCMRC is composed of 15 members representing the three Clallam County Commissioners; the Makah, Elwha, and Jamestown S'Klallam Tribes; the cities of Port Angeles and Sequim; and the Port of Port Angeles. In addition, we have members representing the academic, marine recreation, conservation and development communities, marine trades, and an at-large position. The CCMRC receives base funding from the Northwest Straits Commission (NWSC) and support from the Northwest Straits Foundation (NWSF) and other sources. We also work collaboratively with the other six MRCs to address regional issues and leverage funds.

The NWSC manages the Northwest Straits Initiative and acts as a board of directors to the MRCs. The NWSC is composed of 13 members, including one member from each MRC, five commission members appointed by the governor of Washington State to provide technical advice or stakeholder perspective, and one tribal representative appointed by the Secretary of the Interior. The position of Commission Chairman rotates annually between the gubernatorial appointees and MRC representatives. Decisions are made by consensus.

The NWSF is a non-profit organization that secures funding for education, restoration, and scientific projects. It is a separate but complementary body with its own management structure, bylaws, and board of directors. The NWSF has traditionally worked closely with the seven MRCs and Commission to provide technical guidance and funding that advances the goals and objectives of the Northwest Straits Initiative.

ATTACHMENT 3: KEY PARTNERSHIPS AND COLLABORATIONS

Organization	Contact Information
City of Port Angeles (Port Angeles)	http://www.cityofpa.us/
City of Sequim (Sequim)	http://www.sequimwa.gov/
Clallam County Department of Environmental Health (CCDOEH)	http://www.clallam.net/hhs/environmentalhea lth/index.html
Clallam Economic Development Council (CEDC)	http://www.clallam.org
Coastal Observation and Seabird Survey Team (COASST)	http://depts.washington.edu/coasst/
Coastal Watershed Institute (CWI)	http://www.coastalwatershedinstitute.org
Dungeness River Audubon Center (DRAC)	http://www.dungenessrivercenter.org
Feiro Marine Life Center (Feiro)	http://feiromarinelifecenter.org
Fish and Wildlife (WSDFW)	https://wdfw.wa.gov/
Focus Wildlife	https://www.focuswildlife.org/
Island Marine Resources Committee (IMRC)	https://www.islandcountymrc.org/
Jamestown S'Klallam Tribe (JKT)	http://www.jamestowntribe.org/
Jefferson County MRC (JCMRC)	http://www.jeffersonmrc.org
Lower Elwha S'Klallam Tribe (LEKT)	http://www.elwha.org/
Makah Tribe	http://www.makah.com/
National Oceanic and Atmospheric Administration (NOAA)	http://www.noaa.gov/
Natural Resources (WSDNR)	https://www.dnr.wa.gov/
North Olympic Coast National Marine Sanctuary (NOPMS)	http://olympiccoast.noaa.gov
North Pacific Coast MRC (NPCMRC)	http://wdfw.wa.gov/about/volunteer/mrc/coun ty_northpacific.html
Northwest Straits Commission (NWSC)	http://www.nwstraits.org
Northwest Straits Foundation (NWSF)	http://www.nwstraits.org
Olympic Climate Action	https://olyclimate.org/

Organization	Contact Information
Olympic Peninsula Audubon Society (OPAS)	http://olympicpeninsulaaudubon.org/
Olympic Peninsula Chapter (Surfrider)	https://olympicpeninsula.surfrider.org/
Pacific Northwest National Laboratory (PNNL)	http://www.pnl.gov
Peninsula College (PC)	http://www.pencol.edu/
Port of Port Angeles (Port)	http://www.portofpa.com/
Puget Sound Anglers	https://www.psanopc.org/
Puget Sound Partnership (PSP)	http://www.psp.wa.gov/
Puget Sound Restoration Fund	https://restorationfund.org/
Region 10 (EPA)	https://www.epa.gov/aboutepa/epa-region-10- pacific-northwest
United States Coast Guard	https://www.uscg.mil/
United States Geological Survey (USGS)	http://www.usgs.gov/aboutusgs/
US Environmental Protection Agency (EPA)	http://www.epa.gov/aboutepa/region10.html
Washington Coast Savers (WCS)	http://www.coastsavers.org/

PNNL Microgrid Project Information

PNNL presentation & NODC presentation

The Guy Cole Center & Trinity United Methodist Church are on the feeder line enabling them to be used as locations for a MRE-integrated microgrid model! Both are emergency response centers, and both are regularly used buildings that could potentially use energy on a day-to-day basis as well, making them good candidates for the model reflective of the priorities identified in the original community discussion.



July 2024 Final Meeting Minutes

Date: Monday, July 15, 2024 Time: 5:39 – 6:55pm Location: Hybrid meeting, Zoom and Clallam County Board of Commissioners' Meeting Room Minutes prepared by Amelia Kalagher

Members Present

Allyce Miller (Lower Elwha Klallam Tribe Alternate), Ann Soule (District II; Vice-Chair), Ed Bowlby (Academic Community), Helle Andersen (Marine Related Recreation and Tourism Alternate), Ioana Bociu (Academic Community Alternate), Katharine Frazier (Port of Port Angeles Commission Alternate), Lance Vail (District I Alternate), LaTrisha Suggs (Port Angeles City Council; Chair), Mike Doherty (District III), Nancy Stephanz (Conservation & Environmental Interests Alternate), Ray Kirk (Community-at-large Alternate), Robert Knapp (Jamestown S'Klallam Tribe Alternate), Timothy Cochnauer (Community-atlarge)

Others Present

Rebecca Mahan (Clallam County Habitat Biologist; CC Marine Resources Committee [MRC] Coordinator), Amelia Kalagher (CC MRC Administrative Support), Caitlyn Blair (Northwest Straits Commission Program Coordinator), Allie Simpson (Northwest Straits Commission Ecosystem Project Coordinator), Brandon Sampson (member of the public; Surfrider Foundation; Wet Dog Boats), Emily (member of the public; Surfrider Foundation), Charlie (Washington Department of Fish and Wildlife)

Welcome / Call to Order / Introductions

Chair LaTrisha Suggs called the meeting to order at 5:39. Roll was called, and a quorum was present at the beginning of the meeting.

Pigeon Guillemot Project Update

Ed Bowlby gave an update. Monitoring is underway, and fewer guillemots are being seen so far this year than previously.

Public Comment / Approval of June Minutes

A guest introduced his boat rental business, Wet Dog Boats. Nancy Stephanz moved to approve the June CC MRC minutes; Ioana Bociu seconded. The motion passed unanimously.

Announcements

- *Film festival:* Rebecca reviewed the details of the upcoming Olympic Coast National Marine Sanctuary 30th anniversary film festival. Plenty of MRC members have volunteered to table, and the event is open to the public for any additional members that wish to attend.
- Annual presentation to BOCC: Tim Cochnauer is prepared to present on August 5th.

Northwest Straits Commission Update

- Alan Clark was not present for an update, but Northwest Straits Commission staff member Caitlyn Blair was present and gave an update on the most recent Northwest Straits Commission meeting.
- The November 2024 Northwest Straits Conference is upcoming in Snohomish County. *LaTrisha set the end of August as a suggested deadline for MRC members to decide about attending the conference.
- LaTrisha asked if the Commission could work to coincide a NWSC meeting in Clallam County with the Lower Elwha Klallam Tribe hosting the annual canoe journey August 1-5, 2025. However, Caitlyn found that the Northwest Straits Commission meeting is already scheduled for Clallam County on May 30, 2025.

Advisory Role

- Aquaculture subcommittee Tim Cochnauer: The subcommittee is on hiatus, as no definitive plans or permits have been submitted for projects.
- Informational items LaTrisha Suggs: Information is available in the agenda for the PNNL microgrid project, Project Macoma, and comprehensive plan updates for Sequim, Port Angeles, and Clallam County. *Amelia will send out an updated agenda with functional links for these items.
- Hazard Mitigation Plan Mike Doherty: The plan will have public hearing / public comment, which may be shared with MRC members for information. *Rebecca Mahan will ask tomorrow if a date is set for this process.
- Comprehensive plans Ann Soule: Ann reminded that Commissioner Ozias suggested that the MRC should get involved with comprehensive plan input. *Ann offered to help with LaTrisha's suggestion of emailing the points of contact with a request to engage, and including Mark Ozias.

Field Project Updates

Only project leads with substantive updates were asked to provide them.

- *Tim forage fish:* No surf smelt eggs have been seen yet this year at Cline Spit, though May and June are normally the peak spawning months.
- *Nancy Sound Toxins:* All beaches are currently closed to shellfish, and today's sampling showed high levels of harmful phytoplankton.

Education / Outreach

- *Coasters Ann Soule:* Ann is organizing coaster ideas and content by email. *An order is expected by next month.
- New displays: Display work is on hiatus, except for a toxins poster which is being prepared for the July 26th film festival.

Interns – Tim Cochnauer: A list is in progress with intern duties for the fall, and project leads can reach out to Tim with any additions.

Other Updates / New Topics

- Rescue tug letter: Mike Doherty gave an update on oil spill response capabilities and planning.
- *Green crab update:* Ioana Bociu shared an update. Ioana suggested that *MRC members who would like to share green crab updates should email them to her in advance of meetings.
- *Recruiting for open MRC members:* LaTrisha Suggs suggested that a subcommittee should be put together to define roles and responsibilities, and to recruit new members. *Interested members should email Rebecca if they would like to join this subcommittee.
- Northwest Straits Commission conference: This was discussed during the Northwest Straits Commission update section of the agenda.
- Strategic plan: It is time for the MRC to develop a new strategic plan for 2025-2029, which Rebecca suggested was previously done by subcommittee. LaTrisha set the plan for a subcommittee, which LaTrisha and Ioana will participate in. *Any additional members who wish to participate should email Rebecca and Amelia.

Good of the Order

- *WA Climate Resilience Strategy:* Mike Doherty stated the comment period for this draft has passed.
- Useful tools for data gathering: LaTrisha described the BlueBoat surface vessel as a potential tool for kelp and pinto abalone surveys. Mike Doherty suggested that someone should present on this option; ideally someone from the company. Phil Parisi (Blue Robotics) or Ted Nowak (PNNL) are other potential presenters. This tool may also work to find derelict crab pots for removal. Brandon Sampson suggested airborne drones as a possibility for kelp or marine mammal surveys. Discussion ensued on the projects this could potentially be used for, and what the MRC's overall intentions are for incorporating new technology. Technology could potentially be incorporated into internship opportunities, and into the 2025-2029 strategic plan.
- Rebecca Mahan stated that *project leads should provide a draft of their annual reports by August 12th to ensure fall deadlines can be comfortably met.
- Kelly Green (US Forest Service) can be available to present in early fall on eDNA.

Public Comment

There was no public comment at this time.

Adjourn

Chair LaTrisha Suggs adjourned the meeting at 6:55.

Action Items

- LaTrisha suggested the end of August as a deadline for MRC members to decide about attending the Northwest Straits conference in November.
- Amelia will send out an updated agenda with functional links.

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- Rebecca Mahan will ask about dates set for public engagement with the Hazard Mitigation Plan update.
- Ann offered to help with LaTrisha's suggestion of emailing the points of contact for the County Comprehensive Plan with a request to engage, and including Mark Ozias.
- A coaster order is expected by next month.
- MRC members who would like to share green crab updates should email them to loana in advance of meetings, going forward.
- Interested members should email Rebecca if they would like to join a recruitment subcommittee.
- Interested members should email Rebecca if they would like to join a strategic plan development subcommittee.
- Project leads should provide a draft of their annual reports by August 12th to ensure fall deadlines can be comfortably met.

CLALLAM MRC MEETING AGENDA



August 19, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: <u>https://us06web.zoom.us/j/85314804485</u> Meeting ID: 853 1480 4485 Passcode: 12345

For more information about the MRC, please contact Rebecca Mahan at (360) 417-2322

5:30 Welcome by Chair LaTrisha Suggs / Call to Order / Roll Call

• Determination of quorum

5:35 Approval of Minutes

• Review and approval of July minutes

5:40 Announcements

- Project leads submit draft annual project reports
- Forever Streamfest Saturday, Sept 21st
- Dungeness River Festival Friday, Sept 27th
- Presentation / table at November Northwest Straits Commission conference
- Informational items:
 - PNNL micro-grid and Marine Renewable Energy: <u>PNNL presentation</u> & <u>NODC</u> presentation
 - o Project Macoma
 - o Sequim Comp Plan update: Future of Sequim survey
 - o Port Angeles City Comp Plan update: Community Vision survey
 - o Clallam County Comp Plan update
 - o <u>Clallam County Hazard Mitigation Plan update</u>: <u>Climate Resiliency survey</u>
 - Rescue tug / oil spill response Mike Doherty
 - Green crab update Ioana Bociu

5:55 <u>Committee and Project Reports</u> if an update is needed

- NWSC monthly meeting Alan Clark
- Strategic plan 2025 subcommittee LaTrisha Suggs
 - Current strategic plan here
 - Subcommittee: LaTrisha Suggs, Nancy Stephanz, Ioana Bociu, Ann Soule
- Recruitment subcommittee
- Interns Tim Cochnauer
- Olympia Oyster Chris Burns
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- Sound Toxins Nancy Stephanz
- Shellfish Biotoxins Bob Vreeland
- Pinto Abalone Jeff Ward & Alan Clark

2024 Meetings

January 22	April 15	July 15	October 21
February 26	May 20	August 19	November 18
March 18	June 17	September 16	December 16

- Commissioners interested during work session 8/12 (<u>recording here</u>, agenda item "Agreement with Puget Sound Restoration Fund for Conducting Synoptic Dive Surveys")
- Pigeon Guillemot Ed Bowlby
- Kelp surveys Jeff Ward & Alan Clark
- Education & outreach
 - Coasters Ann Soule
 - New displays: toxins (done), crab, pigeon guillemots Ann, Amelia

6:30 New business

 Communication with BOCC / recent presentation: Commissioners requested a list of MRC's areas of concern (recording here, starts at 1:02:50)

6:35 Discussion of next meeting date and agenda

- Next meeting Monday, Sept 16th
- Phil Parisi (robotics researcher) presenting autonomous surface vehicle <u>BlueBoat</u>
 <u>technology</u> with an on-water demo to follow at Hollywood Beach
- Call for new agenda items
- 6:40 **Public Comment** at the discretion of the Chair
- 6:45 Good of the Order
- 7:00 Adjourn

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

July 15 August 19 September 16 October 21 November 18 December 16



Clallam County Marine Resources Committee

August 2024 Final Meeting Minutes

Date: Monday, August 19, 2024
Time: 5:31 – 7:06
Location: Hybrid meeting, Zoom and Clallam County Board of Commissioners' Meeting Room
Minutes prepared by Amelia Kalagher

Members and Alternates Present

Alan Clark (At Large Representative; NWSC Representative), Allyce Miller (Lower Elwha Klallam Tribe Alternate), Ann Soule (District II Representative; Vice Chair), Christopher Burns (Jamestown S'Klallam Tribe Representative), Christopher Rumple (Development Community Representative), Ed Bowlby (Academic Community Representative), Helle Andersen (Marine Related Recreation and Tourism Alternate), LaTrisha Suggs (Port Angeles City Council Representative; Chair), Lyn Muench (District II Alternate), Robert Knapp (Jamestown S'Klallam Tribe Alternate), Robert Vreeland (Conservation & Environmental Interests Representative)

Others Present

Rebecca Mahan (Clallam County Habitat Biologist; CC Marine Resources Committee [MRC] Coordinator), Amelia Kalagher (CC MRC Administrative Support), Bruce Emery (CC Director of Community Development), Jeff Whitty (Northwest Straits Commission Project Coordinator)

Welcome / Call to Order / Introductions

Chair LaTrisha Suggs called the meeting to order at 5:31. Roll was called, and a quorum was present at the beginning of the meeting.

Public Comment / Approval of June Minutes

Helle Andersen moved to approve the July CC MRC minutes; Christopher Burns seconded. The motion passed unanimously.

Announcements

- Draft annual project reports: LaTrisha Suggs requested that project reports be delivered to Rebecca and Amelia by September 13th. A template is available from Northwest Straits Commission for each report.
- Forever Streamfest: September 21st
- Dungeness River Festival: September 27th

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- November Northwest Straits Commission conference: All MRC members are able to attend the conference in November. Blair at the Northwest Straits Commission is the contact person for interested MRC members. The MRC will present an informational table. Caitlyn
- Informational items: LaTrisha reminded members about several informational items.
 - PNNL micro-grid and Marine Renewable Energy
 - Project Macoma
 - Sequim Comp Plan Update
 - o Port Angeles City Comp Plan update: Community Vision survey
 - Clallam County Comp Plan update
 - Clallam County Hazard Mitigation Plan update: Climate Resiliency survey
 - *Rescue tug / oil spill response*
 - Green crab update: Chris Burns shared that Neil Harrington has been working to trap green crabs in Sequim Bay and Discovery Bay. No crabs have been caught in Sequim Bay in this effort.

Committee and Project Reports

Only project leads with substantive updates were asked to provide them. The following updates were provided.

- Helle Andersen Elwha Beach Stewardship: A car counter was just removed from the Elwha Beach, which Helle used to estimate the average number of people per car. Two sanikans and three dog waste bag dispensers are currently available, funded by the MRC and Surfriders.
- Chris Burns Olympia Oysters: Broodstock has been taken to the hatchery, and 35,000 single oyster seed was produced. Seed was set on 100 bags of shell at 5-25 oysters set per shell. These will be set out on the beach in winter, though some single seed may be grown out on the FLUPSY.
- Alan Clark Northwest Straits Commission: Alan gave an update on the July 26th Northwest Straits Commission meeting in Port Townsend. The May 30th, 2025 meeting will be hosted by the Clallam MRC. *Rebecca and Alan will work with NWSC staff to organize logistics. A Commission retreat is upcoming on September 19th. The conference is upcoming in November, with registration available late August. Alan or Caitlyn Blair can answer any questions. Alan described presentations on aerial kelp monitoring, responsible shellfish harvest and Dungeness crab. Don Hunger (Northwest Straits Foundation) is looking for MRC members to join the Foundation, and would like to present to the Clallam MRC. Alan reviewed the roles of the Northwest Straits Commission versus Northwest Straits Foundation. *Alan will request a copy of the kelp aerial monitoring presentation and share with Rebecca and Amelia.
- *Ed Pigeon Guillemot:* The pigeon guillemot season has run late and prey deliveries are still being seen, so monitoring is continuing despite the normal end-season cutoff date being past.
- *Bob Shellfish Biotoxins:* Bob reviewed the dates of his recent and upcoming samplings, and reminded that recreational clam digging is currently closed.
- *Rebecca Interns:* Rebecca submitted internship paperwork to Peninsula College, and the opportunity will be shared with students. *Rebecca will send out a reminder to MRC members that an alternate is needed to supervise an intern in case of Tim's absence.

- Ann Soule Education & Outreach: Ann is working with Amelia, Rebecca and LaTrisha on new displays and 6 new coasters, with intent to order before the end of the grant's fiscal year. She reviewed the six coaster ideas that are in progress.
- Christopher Burns Shellfish Biotoxins, continued: Chris Burns provided recent data on toxin levels in shellfish at Pillar Point. *Chris invited Bob to send him an email requesting results of his sampling.

New Business

- Communication with BOCC: The group discussed areas of concern that could potentially be included on a list requested by the BOCC during the annual MRC presentation on August 5th. The following items were mentioned during discussion, with the intention to narrow the list later. Bruce Emery, CC Director of Community Development, provided significant input regarding the regulatory and advisory environment during the discussion.
 - No net loss as a policy principle
 - Shoreline armoring: seawalls, berms
 - Unpermitted shoreline armoring
 - Intersection with treaty rights
 - Shoreline design assistance, Shore Friendly program
 - o Tsunami preparation
 - o Growth Management Act: shoreline and climate elements
 - o Shoreline management: emphasis on future development
 - Notice to title for nearshore environments
 - o Kelp beds
 - o Eelgrass beds
 - o Tide gates
 - o Culverts
 - o Tires/6PPD
 - Chemical pollution
 - o Forage fish
 - o Reducing emissions in the face of climate change
 - Air quality
 - o Water quality
 - Tanker traffic and potential accidents
 - First responder training/planning in the face of oil spills
 - Ships carrying unknown, potentially harmful substances such as mineral oil
 - o Sea level rise / flooding
 - Need for education to address many of these concerns

This list will be discussed and developed further at the next meeting. *Members can send additional ideas to Rebecca in the meantime.

Discussion of next meeting date and agenda

- LaTrisha next meeting: The meeting will take place on September 16th, with a presentation and demonstration from Phil Parisi on BlueBoat technology. Members should attend in person if possible to join for the demonstration at Hollywood Beach.
- Call for new agenda items:
 - Ann suggested returning to and refining the list of concerns for the BOCC. Bruce Emery clarified that the County Comprehensive Plan is not yet drafted, and input will be taken through approximately the end of 2024. LaTrisha requested that an MRC representative could sit in on meetings as the Comp Plan is developed, and Bruce Emery *will review the idea. Rebecca suggested that a member of the planning team could attend MRC meetings and report out. Bruce plans on attending these meetings as much as possible.
 - o Response for requested strategic plan feedback

Good of the Order

There were no items at this time.

Public Comment

There was no public comment at this time.

Adjourn

Chair LaTrisha Suggs adjourned the meeting at 7:06.

CLALLAM MRC MEETING AGENDA



September 16, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: <u>https://us06web.zoom.us/j/85314804485</u> Meeting ID: 853 1480 4485 Passcode: 12345 For more information about the MRC, please contact Rebecca Mahan at (360) 417-2322

Welcome by Chair LaTrisha Suggs / Call to Order / Roll Call

Determination of quorum

Approval of Minutes

Review and approval of August minutes

Announcements

- Project leads work with staff to finalize annual reports
- Forever Streamfest Saturday, Sept 21st
- Dungeness River Festival Friday, Sept 27th
- Northwest Straits Commission conference Nov 15th & 16th, presentation/table
- Informational items:
 - **§** PNNL micro-grid & Marine Renewable Energy: <u>PNNL presentation</u>, <u>NODC presentation</u>
 - S Project Macoma
 - Sequim Comp Plan update: Future of Sequim survey
 - **§** Port Angeles City Comp Plan update
 - S Clallam County Comp Plan update
 - S <u>Clallam County Hazard Mitigation Plan update</u>: <u>Climate Resiliency survey</u> closes Oct 4
 - S Rescue tug / oil spill response Mike Doherty
 - **§** Green crab update Ioana Bociu

Committee and Project Reports if an update is needed

- NWSC monthly meeting Alan Clark
- Strategic plan 2025 subcommittee LaTrisha Suggs
 - **§** <u>Current strategic plan here</u>
 - Subcommittee: LaTrisha Suggs, Nancy Stephanz, Ioana Bociu, Ann Soule
- Interns Tim Cochnauer
- Olympia Oyster Chris Burns
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- Sound Toxins Nancy Stephanz
- Shellfish Biotoxins Bob Vreeland
- Pinto Abalone Jeff Ward & Alan Clark

2024 Meetings

January 22	April 15	July 15	October 21
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- Pigeon Guillemot Ed Bowlby
- Kelp surveys Alan Clark & Jeff Ward
- Education & outreach
 - S Coasters Ann Soule
 - S New displays: toxins (done), crab, pigeon guillemots Ann, Amelia

New business

- Working list of areas of concern for BOCC
- Studium generale presentation

Discussion of next meeting date and agenda

- Next meeting Monday, Oct 21st
- Call for new agenda items

Public Comment at the discretion of the Chair

Good of the Order

Presentation by Phil Parisi of user-friendly marine robots: Blue Boat and BlueROV

Adjourn with on-water demo of robotics technology to follow at Hollywood Beach

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

2024 Meetings	
January 22	April 15
February 26	May 20
March 18	June 17

July 15 August 19 September 16

Today's User-Friendly Marine Robots

Phil Parisi | Robotics Researcher



Introduction



Autonomous Surface Vessel @ PNNL-Sequim

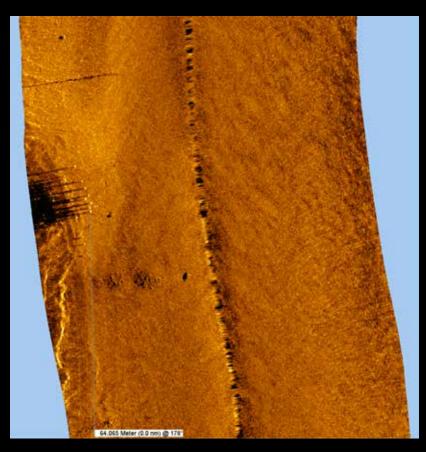


BlueBoat @ Lake Sutherland

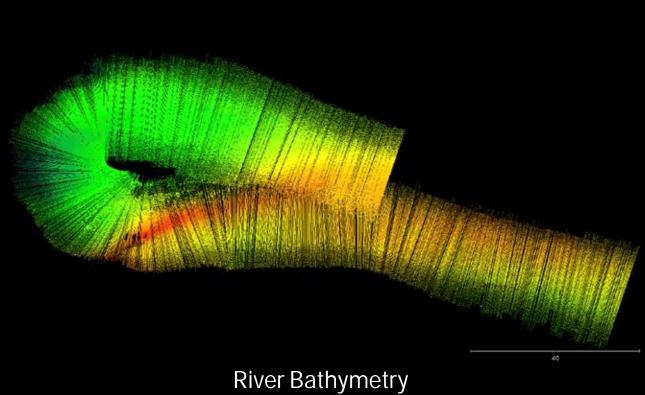


BlueROV STEM Outreach

Introduction



Side Scan Sonar @ PNNL-Sequim



@ University of Rhode Island

Why Do We Bother With Robots?

Why Do We Bother With Robots?

DIRTY DULL DANGEROUS DEPLOY



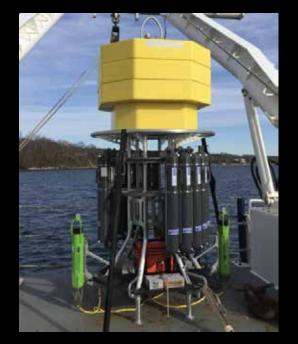
Sewer Cleaning Robot



Vacuum Roomba



NASA Planetary Rover



Ocean Depth Water Sampler

What's Changing in the Maritime Industry?

What's Changing in the Maritime Industry?



COST



\$2M Commercial ROV

\$8K ROV

What's Changing in the Maritime Industry?



\$2M Commercial ROV

COST

Deployability

Size/Weight

Software

Maintenance

Customizable



\$8K ROV

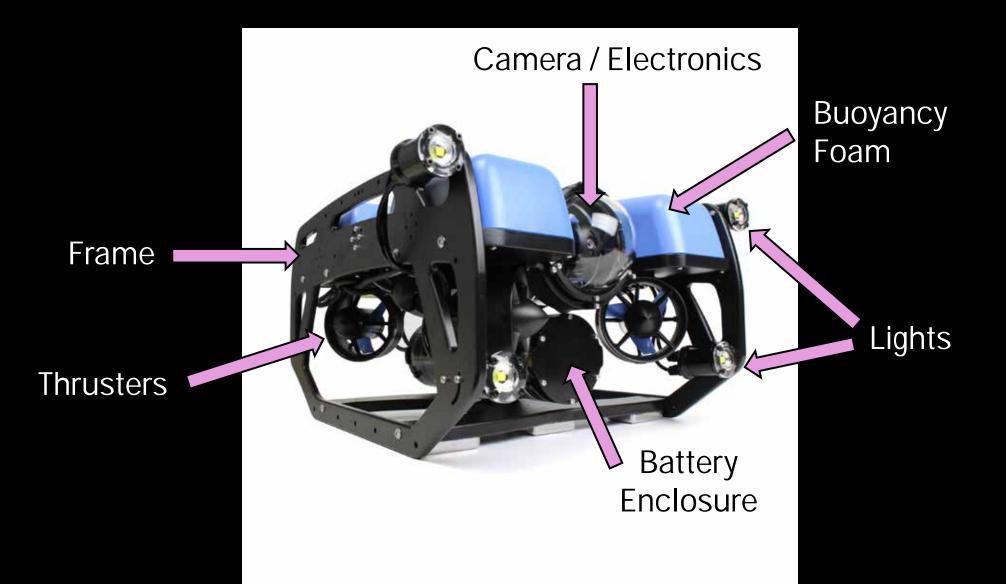
BlueROV2: Overview



- ROV = Remotely Operated Vehicle
- User at Surface, tethered robot submerges to 300m
- Live video feed while 'diving'
- 8 thrusters, on-board lights
- Built-in Control System
- Onboard battery

\$8,000

BlueROV2: Overview



BlueROV2: Add-On's



- Gripper à grasping
- Ping360 à radial object detection
- Sediment Sampler à grab contents for science

BlueROV2: Add-On's Doppler Velocity Log \$7500

Enables autonomous, repeatable missions

Forward-Looking Sonar \$9000

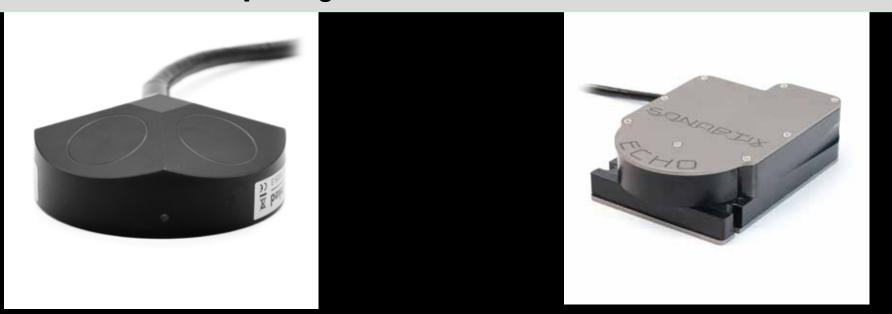
'See clearly' underwater objects nearby





BlueROV2: Add-On's

Customize to add different Payloads/Sensors to meet project needs!



BlueROV2: Use Cases Doppler Velocity Log \$7500

Enables autonomous, repeatable missions

Forward-Looking Sonar \$9000

'See clearly' underwater objects nearby

BlueBoat USV: Overview



- USV = Unmanned Surface Vessel
- User at Surface, tethered robot submerges to 300m
- Live video feed while 'diving'
- 8 thrusters, on-board lights
- Built-in Control System
- Onboard battery

\$8,000

Clallam County Marine Resources Committee Draft Areas of Concern August 2024

This list is an in progress DRAFT and working document. It represents initial ideas shared by members for areas of concern. Nothing on this list should be taken to represent the opinion of the Committee at large.

- No net loss as a policy principle
- Shoreline armoring: seawalls, berms
 - o Unpermitted shoreline armoring
 - o Intersection with treaty rights
 - o Shoreline design assistance, Shore Friendly program
- Tsunami preparation
- Growth Management Act: shoreline and climate elements
- · Shoreline management: emphasis on future development
- Notice to title for nearshore environments
- Kelp beds
- Eelgrass beds
- Tide gates
- · Culverts
- · Tires/6PPD
- Chemical pollution
- Forage fish
- Reducing emissions in the face of climate change
- Air quality
- Water quality
- Tanker traffic and potential accidents
 - First responder training/planning in the face of oil spills
 - Ships carrying unknown, potentially harmful substances such as mineral oil
- Biotoxin sampling for safe shellfish harvest (County DOH)
 - Chemical pollution pertaining to safe crab harvest
 - o Particularly in Port Angeles Harbor
- Invasive species
- · Aquaculture
- Sea level rise / flooding
- · Derelict gear removal
- Private ownership of the nearshore
- · County GIS capabilities
 - o Integration with DCD and Planning
 - o Working real-time maps that MRC and staff can interact with
- · Need for education to address many of these concerns



Clallam County Marine Resources Committee

September 2024 Final Meeting Minutes

Date: Monday, September 16, 2024
Time: 5:31 – 7:01
Location: Hybrid meeting, Zoom and Clallam County Board of Commissioners' Meeting Room
Minutes prepared by Amelia Kalagher

Members and Alternates Present

Alan Clark (At Large Representative; NWSC Representative), Christopher Rumple (Development Community Representative), Ed Bowlby (Academic Community Representative), LaTrisha Suggs (Port Angeles City Council Representative; Chair), Robert Vreeland (Conservation & Environmental Interests Representative), Nancy Stephanz (Conservation & Environmental Interests Alternate), Jeff Ward (District I Representative), Lance Vail (District I Alternate), Mike Doherty (District III Representative), Katharine Frazier (Port of Port Angeles Alternate), Tim Cochnauer (At Large Representative)

Others Present

Rebecca Mahan (Clallam County Habitat Biologist; CC Marine Resources Committee [MRC] Coordinator), Amelia Kalagher (CC MRC Administrative Support), Bruce Emery (CC Director of Community Development), Phil Parisi (Robotics researcher, Pacific Northwest National Laboratory, guest presenter), Dann May (Peninsula College Professor)

Welcome / Call to Order / Introductions

Chair LaTrisha Suggs called the meeting to order at 5:31. Roll was called, and a quorum was present at the beginning of the meeting.

Public Comment / Approval of June Minutes

Nancy Stephanz moved to approve the August CC MRC minutes; Mike Doherty seconded. The motion passed unanimously.

Announcements

- Annual project reports: *Project leads should work with staff as needed to finalize, final reports due September 30.
- Forever Streamfest: September 21
- Dungeness River Festival: September 27
- November Northwest Straits Commission conference: November 15-16

clallamcountymrc.org

- Informational items: LaTrisha Suggs reminded members about several informational items.
 - PNNL micro-grid and Marine Renewable Energy
 - Project Macoma
 - Sequim Comp Plan Update
 - Port Angeles City Comp Plan update
 - Clallam County Comp Plan update
 - o Clallam County Hazard Mitigation Plan update: Climate Resiliency survey
 - *Rescue tug / oil spill response* no specific update this month
 - Green crab no specific update this month

Committee and Project Reports

- *Shellfish biotoxins:* Bob Vreeland continues routine sampling. The most recent sample was over the limit for safe consumption.
- *Pinto abalone:* First survey dates are set for October 10th and 11th. The specific survey sites will be directed by Puget Sound Restoration Fund.
- *Pigeon guillemot:* The final monitoring for the season is taking place this week. End-of-season reporting is underway.
- *Sound Toxins:* Two new volunteers joined this week at Feiro Marine Life Center. There has been a gradual decrease in the amount of toxin-producing plankton over the last few weeks.
- *Strategic plan subcommittee:* The subcommittee met last week and is working on updating the strategic plan. Updates will soon come to the MRC as a whole.

New Business

- Working list of areas of concern for BOCC: The group continuing discussing areas of concern that could potentially be included on a list, requested by the BOCC during the annual MRC presentation on August 5th. Discussion focused on narrowing down the list, with the following areas identified for priority further discussion. Full notes on this working list are attached to these minutes.
 - Changes observed in the local environment through MRC projects
 - Shoreline armoring / shoreline risk
 - o Tanker traffic and potential accidents
 - County GIS capabilities
 - o Aquaculture

This list will be discussed and developed further at the next meeting. *Amelia will provide updated notes on this list to MRC members.

• Studium generale presentation: The MRC will give a studium generale presentation at Peninsula College in the coming months. The date is not yet confirmed, but may be December 5th.

Discussion of next meeting date and agenda

- Next meeting: The meeting will take place on October 21st.
- Call for new agenda items:
 - Nancy Stephanz proposed a recap on Streamfest and Riverfest, and an update on studium generale planning.

Good of the Order

- *Studium generale / youth member:* Mike Doherty proposed that the upcoming studium generale could be a good opportunity to recruit a youth member, and members briefly discussed the potential for adding a youth member.
- Comprehensive plan subcommittee: LaTrisha Suggs formed a subcommittee focused on monitoring comprehensive plan development and organizing MRC input, initially focusing on the current processes in Clallam County, the City of Port Angeles, and the City of Sequim. MRC members Alan Clark, Bob Vreeland, and Ed Bowlby volunteered to form this subcommittee. Dann May (current applicant to the MRC) stated that he may join if he is confirmed as an MRC member. *Mike Doherty requested that Rebecca send updates when comment deadlines are approaching for strategic plans.

Public Comment

There was no public comment at this time.

Presentation

Robotics researcher Phil Parisi gave a presentation titled "User Friendly Marine Robots". The presentation focused on what situations robots are useful in for marine research, new technological developments that are making marine robotics more cost-accessible, and the technological capabilities of two specific robots. The two models focused on, and demonstrated in person for the MRC and those in attendance, were the BlueBoat autonomous surface vessel and the BlueROV2 remotely operated vehicle for underwater operations.

Adjourn

Chair LaTrisha Suggs adjourned the meeting at 7:01.

Action Items

- Project leads should work with staff as needed to finalize annual project reports. Final reports are due September 30.
- Mike Doherty requested that Rebecca send updates when comment deadlines are approaching for strategic plans.

Attachment:

Clallam County Marine Resources Committee Draft Areas of Concern – 2nd revision September 16th, 2024

This list is an in progress DRAFT and working document. It represents ideas being developed by one or more members of the Committee. Nothing on this list should be taken to represent the opinions of the Committee as a whole.

For further consideration as potential priority issues:

- Changes observed in the local environment through MRC projects
 - o Kelp beds
 - o Pigeon guillemots
 - o Olympia oysters
 - o Forage fish
 - o Biotoxins
 - o Potential evidence of climate change impacts
 - o Related impacts like hypoxia, acidification, toxic blooms
 - Integration with regional concerns and partners (e.g. Olympic Coast National Marine Sanctuary)
 - Caveat of the scope of MRC data/projects: MRC observations alone are not evidence for climate change impacts, but they can be linked to larger trends, references and models
- Shoreline armoring / shoreline risk
 - o Seawalls, berms
 - o Unpermitted shoreline armoring
 - o Intersection with treaty rights
 - o Shoreline design assistance, Shore Friendly program
 - o Regulatory environment in nearshore zones, notice to title / clouding title
 - o Education to the public, Marine Shoreline Design Guidelines
- Tanker traffic and potential accidents
 - First responder training/planning in the face of oil spills
 - o Ships carrying unknown, potentially harmful substances such as mineral oil
- County GIS capabilities
 - o Integration with DCD and Planning
 - o Working real-time maps that MRC and staff can interact with
- Aquaculture
 - o May become an increasingly relevant topic in future years

Not identified as priority concern, or not approachable by the MRC at this time:

- No net loss as a policy principle
- Tsunami preparation
- Growth Management Act: shoreline and climate elements
- Shoreline management: emphasis on future development
- Eelgrass beds
- Tide gates
- Culverts
- Tires/6PPD
- Chemical pollution
- Reducing emissions in the face of climate change
- Air quality
- Water quality
- Biotoxin sampling for safe shellfish harvest (County DOH)
- Chemical pollution pertaining to safe crab harvest
 - Particularly in Port Angeles Harbor
- Invasive species
 - o Green crab
- Sea level rise / flooding
- Derelict gear removal
- Private ownership of the nearshore
- Need for education to address many of these concerns

CLALLAM MRC MEETING AGENDA



October 21, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: <u>https://us06web.zoom.us/j/85314804485</u> Meeting ID: 853 1480 4485 Passcode: 12345

For more information about the MRC, please contact Rebecca Mahan at (360) 417-2322

Welcome by Chair LaTrisha Suggs / Call to Order / Roll Call

• Determination of quorum

Approval of Minutes

Review and approval of September minutes

Announcements

- <u>Northwest Straits Commission conference</u> Nov 15th & 16th headcount, reservations Rebecca Mahan
- <u>Members' calendar</u> available on website Amelia Kalagher
- Informational items:
 - Rescue tug and oil spill response Mike Doherty
 - Reprioritizing of response on NOP?

Committee and Project Reports if an update is needed

- NWSC monthly meeting Alan Clark
- Strategic plan 2025 subcommittee LaTrisha Suggs
 - <u>Current strategic plan here</u>
 - Subcommittee: LaTrisha Suggs, Nancy Stephanz, Ioana Bociu, Ann Soule
- Comprehensive plan subcommittee
 - Subcommittee: Alan Clark, Bob Vreeland, Ed Bowlby
 - <u>Clallam County Comp Plan update & Clallam County Hazard Mitigation Plan update</u>
 - Port Angeles City Comp Plan update
 - <u>Sequim Comp Plan update</u>: <u>Future of Sequim survey</u>
- Interns Tim Cochnauer
- Olympia Oyster Chris Burns
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- Ediz Hook Revegetation Helle Andersen & Allyce Miller
- Sound Toxins Nancy Stephanz
- Shellfish Biotoxins Bob Vreeland
- Pinto Abalone Jeff Ward & Alan Clark
- Pigeon Guillemot Ed Bowlby

2024 Meetings

January 22	April 15	July 15	October 21
February 26	May 20	August 19	November 18
March 18	June 17	September 16	December 16

- Kelp surveys Alan Clark & Jeff Ward
- Working list of areas of concern for BOCC LaTrisha Suggs
- Education & outreach
 - Recap Streamfest (booth), Riverfest (booth), Crabfest (coasters)
 - Coasters Ann Soule
 - Next new displays: crab, pigeon guillemots Ann, Amelia
 - European Green Crab status update Ioana Bociu

New business

- Studium Generale presentation on Dec. 5 Ann Soule
 - Confirm presenter

Discussion of next meeting date and agenda

- Next meeting Monday, Nov 18th
 - Working list of areas of concern for BOCC
 - Dr. Kellie Carim (US Forest Service) presenting on eDNA monitoring techniques
- Call for new agenda items
 - PNNL micro-grid & Marine Renewable Energy: request presentation from PNNL for MRC at end of trials (2025 or 2026)

Public Comment at the discretion of the Chair

Good of the Order

<u>Adjourn</u>

Clallam County DCD is inviting you to a scheduled Zoom meeting.

Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

2024 Meetings		
January 22		
February 26		

March 18

April 15 May 20 June 17

July 15 August 19 September 16

Attachment:

•

Clallam County Marine Resources Committee Draft Areas of Concern – 2nd revision September 16th, 2024

This list is an in progress DRAFT and working document. It represents ideas being developed by one or more members of the Committee. Nothing on this list should be taken to represent the opinions of the Committee as a whole.

For further consideration as potential priority issues:

- Changes observed in the local environment through MRC projects
 - o Kelp beds
 - Pigeon guillemots
 - o Olympia oysters
 - o Forage fish
 - o Biotoxins
 - o Potential evidence of climate change impacts
 - Related impacts like hypoxia, acidification, toxic blooms
 - o Integration with regional concerns and partners (e.g. Olympic Coast National Marine Sanctuary)
 - Caveat of the scope of MRC data/projects: MRC observations alone are not evidence for climate change impacts, but they can be linked to larger trends, references and models
- Shoreline armoring / shoreline risk
 - o Seawalls, berms
 - Unpermitted shoreline armoring
 - o Intersection with treaty rights
 - o Shoreline design assistance, Shore Friendly program
 - o Regulatory environment in nearshore zones, notice to title / clouding title
 - o Education to the public, Marine Shoreline Design Guidelines
- Tanker traffic and potential accidents
 - o First responder training/planning in the face of oil spills
 - o Ships carrying unknown, potentially harmful substances such as mineral oil
- County GIS capabilities
 - o Integration with DCD and Planning
 - o Working real-time maps that MRC and staff can interact with
- Aquaculture
 - o May become an increasingly relevant topic in future years

2024 Meetings

January 22
February 26
March 18

July 15 August 19 September 16

Not identified as priority concern, or not approachable by the MRC at this time:

- No net loss as a policy principle
- Tsunami preparation
- Growth Management Act: shoreline and climate elements
- Shoreline management: emphasis on future development
- Eelgrass beds
- Tide gates
- Culverts
- Tires/6PPD
- Chemical pollution
- Reducing emissions in the face of climate change
- Air quality
- Water quality
- Biotoxin sampling for safe shellfish harvest (County DOH)
- Chemical pollution pertaining to safe crab harvest
 - Particularly in Port Angeles Harbor
- Invasive species
 - o Green crab
- Sea level rise / flooding
- Derelict gear removal
- Private ownership of the nearshore
- Need for education to address many of these concerns

2024 Meetings

January 22 February 26 March 18

July 15 August 19 September 16



October 2024 Final Meeting Minutes

Date: Monday, October 21, 2024

Time: 5:30 – 6:40

Location: Hybrid meeting, Zoom and Clallam County Board of Commissioners' Meeting Room Minutes prepared by Amelia Kalagher

Member Roll

	Member	Present?	Alternate	Present?
Academic Community	Ed Bowlby	Х	Ioana Bociu	
At Large	Alan Clark (NWSC Rep.)	Х	Mary Sue Brancato	
At Large	Timothy Cochnauer	Х	Ray Kirk	
Conservation &	Robert Vreeland	Х	Nancy Stephanz	Х
Environmental Interests				
Development Community	Christopher Rumple		[vacant seat]	
District I	Jeff Ward		Lance Vail	
District II	Ann Soule (Vice Chair)	Х	Lyn Muench	
District III	Mike Doherty	Х	Dann May	
Jamestown S'Klallam	Christopher Burns	Х	Robert Knapp	
Tribe				
Lower Elwha Klallam Tribe	Allyce Miller	Х	Justin Stapleton	
Makah Tribe	[vacant seat]		[vacant seat]	
Marine Related	[vacant seat with one		Helle Andersen	Х
Recreation & Tourism	applicant]			
Port Angeles City Council	LaTrisha Suggs (Chair)	Х	Navarra Carr	
Port of Port Angeles	Jesse Waknitz		Katharine Frazier	Х
Commission				
Sequim City Council	Meggan Uecker		Harmony Rutter	

Staff and Others Present

Cathy Lear (Ex-Officio, Clallam County Habitat Biologist), Rebecca Mahan (CC MRC Coordinator, CC Habitat Biologist), Amelia Kalagher (CC MRC Administrative Support), Bruce Emery (CC Director of Community Development), Keylani Suggs, Leah Skare (Northwest Straits Commission staff)

Welcome / Call to Order / Roll Call

Chair LaTrisha Suggs called the meeting to order at 5:30. Roll was called, and a quorum was present at the beginning of the meeting.

Public Comment / Approval of September Minutes

Nancy Stephanz moved to approve the September CC MRC minutes; Mike Doherty seconded. The motion passed unanimously.

Announcements

- Northwest Straits Commission conference Rebecca Mahan: The conference is upcoming November 15th and 16th.
- *Members calendar Amelia Kalagher:* A calendar is <u>available on the website</u> for all events that may be relevant for MRC members.
- *Rescue tug and oil spill response Mike Doherty*: Mike gave an update, including the Trans-Mountain pipeline and rescue tug. Two public events are being held for rescue tug planning.

Committee and Project Reports

Only project leads with substantive updates were asked to provide them.

- *Strategic plan subcommittee:* LaTrisha gave an update. The subcommittee met today and is making good progress towards a new 5-year strategic plan.
- *Comprehensive plan subcommittee:* LaTrisha requested that *subcommittee members work with Amelia to ensure an initial meeting is scheduled.
- Northwest Straits Commission and Foundation update: Alan gave an update. Due to staff
 constraints and organizational challenges, the Commission and Foundation have decided to
 move apart but remain strategic partners. This will not impact Clallam MRC funding at this time.
 Mike suggested an update from Lucas Hart (Northwest Straits Commission Director) on these
 changes especially in light of potential political change. Mike also suggested an update from the
 Coast Guard on western terminals.
- Intern Tim: A potential intern is being deferred to spring quarter.
- *Olympia Oysters Chris*: Oyster seed will be picked up Wednesday and put on the beach.
- *Kelp Alan and Amelia*: The three beds at Freshwater Bay were surveyed. A fringing bed was observed to the west of Freshwater Bay, and the large bed in Freshwater Bay appeared to rebound slightly versus the last two years.
- *Pinto Abalone Rebecca*: Surveys have been delayed to early November due to an injury to Puget Sound Restoration Fund's lead diver. Due to marina availability and safety concerns, this resulted in a change to the QAPP for the first survey location.
- *Biotoxins*: Last survey of the year at Pillar Point took place on September 27th. As of October 16th, all Clallam County beaches remained closed to shellfish.
- *Sound Toxins*: Nancy gave an update. Observations of toxin-producing plankton are declining overall in the past month as autumn sets in.
- *Education*: Riverfest and Streamfest were well attended and went well. Rebecca brought just under 500 coasters to Crabfest, and the MRC received some compliments.
- *Green crab*: LaTrisha shared that one adult female green crab was recently caught at the McKinley mill pond; since it's private property, it's not as easy to monitor.

New Business

• Studium generale presentation on Dec. 5: Tim is willing to be the presenter. The August presentation of yearly accomplishments can be reworked for the Studium Generale. *Amelia will send a copy of the presentation to Tim and work to redevelop for the Studium.

Discussion of next meeting date and agenda

- *LaTrisha next meeting:* The meeting will take place on November 18th, with a presentation from Dr. Kellie Carim (US Forest Service) on environmental DNA monitoring techniques.
- Call for new agenda items:
 - A presentation from PNNL on the micro-grid and renewable energy projects has not yet been requested. *Rebecca will reach out to PNNL to inquire about this. An environmental assessment for PNNL's activities is underway, and public comment opportunities were emailed to MRC members and alternates.
 - Rebecca recommended a presenter from PNNL (Jess) on ocean carbon removal strategies.
 - Lucas Hart, Northwest Straits Commission, was requested to speak about future funding given elections outcome.
 - Discussion/approval of list of concerns requested by BOCC.

Public Comment

There was no public comment at this time.

Good of the Order

- Rebecca shared that Mary Sue Brancato and Lance Vail are stepping down from their MRC positions, and those positions will be advertised. Ed Bowlby said Mary Sue will continue to participate in field projects, particularly pigeon guillemot.
- Working list of concerns for BOCC: The group discussed development of the list. *LaTrisha, Ann, Rebecca and Amelia will work to refine these notes into final wording. *Members or alternates who have comments on content or wording of this list before the draft is created should send them by email to Rebecca and Amelia by November 1st.
- Mike: On Saturday a maritime heritage lecture took place in downtown Forks, which happens annually.

Adjourn

Chair LaTrisha Suggs adjourned the meeting at 6:40.

Action Items

- LaTrisha requested that comprehensive plan subcommittee members work with Amelia to ensure an initial meeting is scheduled.
- Amelia will send a copy of the August Commissioners' presentation to Tim and work to redevelop for the Studium.

- LaTrisha, Ann, Rebecca and Amelia will work to refine the notes into final wording for the list of priority concerns for the Board of County Commissioners.
- Members or alternates who have comments on content or wording of this priority concerns list before the draft is created should send them by email to Rebecca and Amelia by November 1st.

CLALLAM MRC MEETING AGENDA



November 18, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: <u>https://us06web.zoom.us/j/85314804485</u> Meeting ID: 853 1480 4485 Passcode: 12345

For more information about the MRC, please contact Rebecca Mahan at (360) 417-2322

Welcome by Chair LaTrisha Suggs / Call to Order / Roll Call

• Determination of quorum

Approval of Minutes

Review and approval of October minutes

Presentations

- Dr. Kellie Carim, Research Ecologist, US Forest Service presenting on environmental DNA (eDNA) monitoring techniques applied to lamprey
- Lucas Hart, Director at Northwest Straits Commission future of Commission and MRC funding in the political landscape

Announcements

- <u>Northwest Straits Commission conference</u> recap
- <u>Studium Generale presentation</u> December 5th
- Training for Open Public Meetings Act / Public Records Act by January if needed
- Welcome new member and alternate Alicia Amerson representing Marine Related Recreation & Tourism, Dann May as alternate representing District III

Committee and Project Reports if an update is needed

- NWSC monthly update Alan Clark
- Strategic plan 2025 subcommittee LaTrisha Suggs
- Comprehensive plans subcommittee
 - Subcommittee: Alan Clark, Bob Vreeland, Ed Bowlby
 - <u>Clallam County Comp Plan update & Clallam County Climate/Hazard Mitigation Plan update</u>
 - Port Angeles City Comp Plan update
 - Sequim Comp Plan update: Future of Sequim survey
- Priority concerns list for BOCC LaTrisha Suggs
- Interns Tim Cochnauer
- Olympia Oyster Chris Burns
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen

2024 Meetings

January 22	April 15	July 15	October 21
February 26	May 20	August 19	November 18
March 18	June 17	September 16	December 16

- Ediz Hook Revegetation Helle Andersen & Allyce Miller
- Sound Toxins Nancy Stephanz
- Shellfish Biotoxins Bob Vreeland
- Pinto Abalone Jeff Ward & Alan Clark
- Pigeon Guillemot Ed Bowlby
- Kelp surveys Alan Clark & Jeff Ward
- Education & outreach
 - Coasters Ann Soule
 - Next new displays: crab, pigeon guillemots Ann, Amelia
 - European Green Crab status update Ioana Bociu
 - Oil spill response
 - State policy on rescue tug Mike Doherty
 - HAZWOPER oiled wildlife trainings Ann, Tim, Chris, Ed, Amelia (still need lead)

Discussion of next meeting date and agenda

- Next meeting Monday, Dec 16th
- Call for new agenda items
 - 2025 draft workplan will be presented for comment in December
 - Plan discussion of projects for new biennium

Public Comment at the discretion of the Chair

Good of the Order

<u>Adjourn</u>

Clallam County DCD is inviting you to a scheduled Zoom meeting. Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

2024 Meetings

January 22	
February 26	
March 18	

April 15 May 20 June 17

July 15 August 19 September 16 October 21 November 18 December 16

MEMORANDUM

- To: Board of Commissioners of Clallam County
- From: Clallam County Marine Resources Committee (MRC)
- Subj: Top Concerns with regard to the Marine Environment
- Date: November 2024

The MRC developed and discussed this list of top concerns in the fall of 2024 at the request of Commissioner Ozias. We included notes about work we do related to each concern, and recommended actions the County could take. The document was approved at the MRC's monthly meeting on _____; however, it does not necessarily reflect the opinions of all Committee members or the organizations they represent. It is subject to change over time.

- 1. Climate change. Corroborating the scientific literature, the Clallam MRC's field projects and those of our academic and agency partners have shown disturbing changes in Clallam County or the Northwest Straits, including these in particular:
 - Decline of kelp and eelgrass beds
 - Decline in numbers of forage fish eggs
 - Declining populations of Pinto abalone 0
 - o Invasive species, European Green Crab in particular
 - Pigeon guillemot changing nesting habits
 - Loss of native Olympia oysters Ο
 - Changes in water quality, such as 0
 - Ocean acidification
 - Increased harmful algal blooms, producing toxins that cause human illness
 - Warmer marine temperatures and associated reduced oxygen, which leads to closing local beaches to shellfish harvest.
 - Sea level rise 0

Clallam MRC members participate in multiple field projects addressing this concern, including Monitoring and Surveys of kelp beds, forage fish eggs, toxins in PA Harbor (through "Sound Toxins"), biotoxins in clams at Pillar Point (for Clallam Environmental Health), Pinto abalone, pigeon guillemots, and EGC (in cooperation with other entities).

Restoration projects include Olympia oysters and revegetation on Ediz Hook.

Climate change impacts our community more broadly, including storm flooding of public and private infrastructure, rising sea level causing saltwater intrusion in wells and septic system failure, diminishing water supplies as glaciers melt and rainfall patterns change (this impacts water quality and public health), and in other ways. These problems can lead to liability issues for permitting jurisdictions if not addressed publicly and proactively.

Recommendation: Education and requirements for disclosing risks, through notice to title, to property buyers could help alleviate the County's exposure to litigation. If needed, the County could adopt a regulation that protects itself from liability for any changes to property values while also protecting citizens.



2. <u>New and modified nearshore development</u>. In particular, hard shoreline armoring such as seawalls or riprap directly impacts fragile habitats for many species already facing stressors. Loss of nearshore habitat

contributes to the decline of forage fish eggs, kelp beds, and eelgrass, directly impacting Tribal Treaty Rights. Also, existing armoring is "repaired" at times without appropriate In 2023 the Clallam MRC hosted a workshop for landowners and permitting officials on **Shore Friendly** principles and options for managing shoreline erosion.

permits. Less-deleterious designs are available, such as "soft armoring," and training on their use is available for permitting officials and the public through the Northwest Straits Foundation's <u>"Shore Friendly"</u> program and WDFW's <u>"Marine Shoreline Design Guidelines</u>." In more and more cases, relocation of structures or purchase of high-risk properties for conservation may be the best option.

Recommendation: Establish a nearshore property acquisition program funded through grants from WA state (ex: Recreation & Conservation Office).

Recommendation (repeated from #1, above): Education and requirements for disclosing risks, through notice to title, to property buyers could help alleviate the County's exposure to litigation. If needed, the County could adopt a regulation that protects itself from liability for any changes to property values while also protecting citizens.

Also, to varying degrees, MRC members are concerned about aquaculture. Aquaculture (ex. but not limited to: shellfish, finfish, marine vegetation such as kelp) can affect water quality or shoreline and nearshore habitat. Non-native species aquaculture may pose risks to native species already facing other stressors. Tribes have actively participated in aquaculture since time immemorial.

Recommendation: The BOCC and MRC should develop strong collaborative partnerships with aquaculture proponents and operators for the benefit of our community.

3. <u>The potential for an oil spill, especially given increasing tanker traffic</u>. An oil spill would have devastating impacts on our environment and economy. MRC feels it is important for the public

(marine trades in particular) to be aware of who responds in the event of an oil spill and how, including when and how volunteers can help. An example of the difficulty in cleaning up an oil spill is that oil from tar sands does not float, it sinks, making it harder to clean up using traditional oil spill tools such as floats.

Clallam MRC has hosted several "HAZWOPER" and oiled wildlife rescue **workshops** over the past decade that train local residents to assist in the event of an oil spill.

<u>Recommendation</u>: MRC would like to work with the BOCC on a public forum on the potential for oil spills in Clallam County and who will respond, the Trans Mountain Pipeline Expansion, and how the Geographic Response Plan (GRP) would be deployed. The Coast Guard and Ecology's Spills Program could provide a briefing on crude supply and product shipment through the Strait; spill prevention; spill response; Treaty rights protections; insurance and liability; and infrastructure. Clallam County Emergency Management should participate as well.

- 4. <u>The need for education and outreach.</u> County residents, newcomers such as climate migrants, and visitors should be reached out to regularly on concerns/issues as well as fundamentals of the marine environment. Issues that demonstrate the need for continual public education and outreach include:
 - Derelict gear hundreds of crab pots are lost each year, many without rot cord (causing unnecessary, undocumented take of crabs)
 - Unpermitted shoreline armoring by marine landowners
 - Removal of shells or rocks from the nearshore
 - Dog waste deposits that pollute the nearshore
 - Offroad vehicles driven on beach habitat
 - Denial of or inaction with regard to sea level rise
 - Need for oil spill preparation: special HAZWOPER certification needed for individuals to help with response
 - Need for water conservation, especially when low snowpack or stream flows are a concern

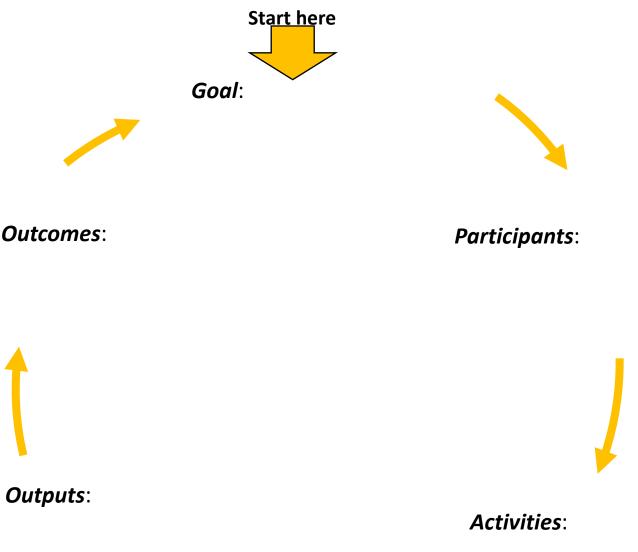
Clallam MRC **Outreach and Education** in recent years has included trainings on oil spill response and oiled wildlife rescue, Shore Friendly principles, "Catch More Crab" flyers and workshops on best practices, supplying a SaniKan and dog waste bags at West Elwha beach, and more.

We also developed educational coasters as an outreach tool and share interpretive posters at several local festivals.

Recommendation: Incorporate educational messages associated with these and other marine environment concerns throughout County departments and projects as appropriate, including at County parks, events, and in public areas.

NW Straits 2024 Conference - Science Advisory Committee (SAC) Session Worksheet

Instructions: The project wheel worksheet is broken down into steps to help you map out your project design for a new idea/or existing project. Definitions are on the back of this worksheet. Complete as much of this worksheet as you can on a specific idea, new or ongoing project you would like to discuss with the SAC. Start with your goal and use this wheel as a tool to identify what you are trying to accomplish and flag where you have questions or need guidance from the SAC.







Start here

drive assessment of whether and how project can meet the goal, or needs to be changed it in the next round

Goal: if/when this project succeeds, [...] will happen, be known

can not be achieved without specific, named

Outcomes: how the activities and outputs measurably further the goal(s) of the project.

which, once accomplished facilitate these measureable movements towards the goal

Outputs: any tangible products of the work (e.g., pamphlets, signage, graduates of a training program, number of invasives found, wildlife counted, acres cleaned, sites added, etc.)

directly result in discrete or countable

Participants: all groups (e.g., MRC staff, volunteer members, other organization(s)) directly involved in the

work

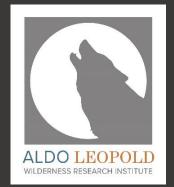
can be assigned to all of the project

Activities: the tasks & actions - science, monitoring, training, presentations, etc. accomplished by the project participants

Northwest Straits Commission Science Advisory Committee -Northwest Straits Project Wheel

Filling in the Gaps Pacific Lamprey Research and Conservation in the Puget Sound

Kellie J. Carim & Monica R. Blanchard November 18th, 2024 Clallam County DCD







What are lamprey?

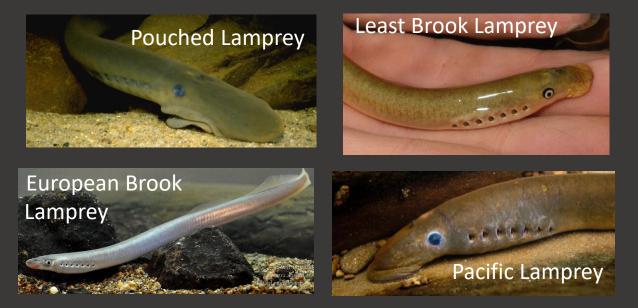
An ancient lineage of jawless fish Predate dinosaurs and trees! Teeth are their only boney structures

Why care about lamprey?



Invasive sea lamprey parasitize fish in the Great Lakes

Lampreys are widespread and diverse!



Images: M. Gaden, Fishes of Australia, Freshwater Illustrated, Hlasek.com, B. Beluga

Why care about lamprey?



Integrated into Greco- Roman and medieval European cultural and history

Culturally significant to Indigenous people





Provide food, filter water, transport nutrients, and more...

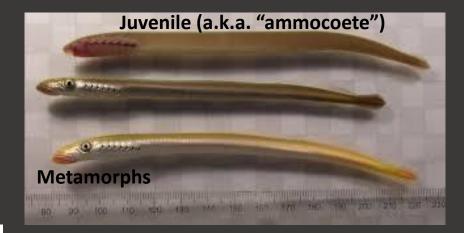
Pacific lamprey – Entosphenus tridentatus

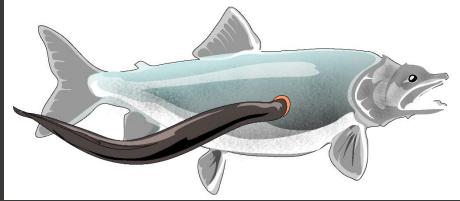


Native range- Pacific Coast, inland to OR, WA and ID (i.e., wherever salmon and steelhead occur)

Pacific lamprey – Life Cycle

Juveniles live in stream sediment for up to 7 years

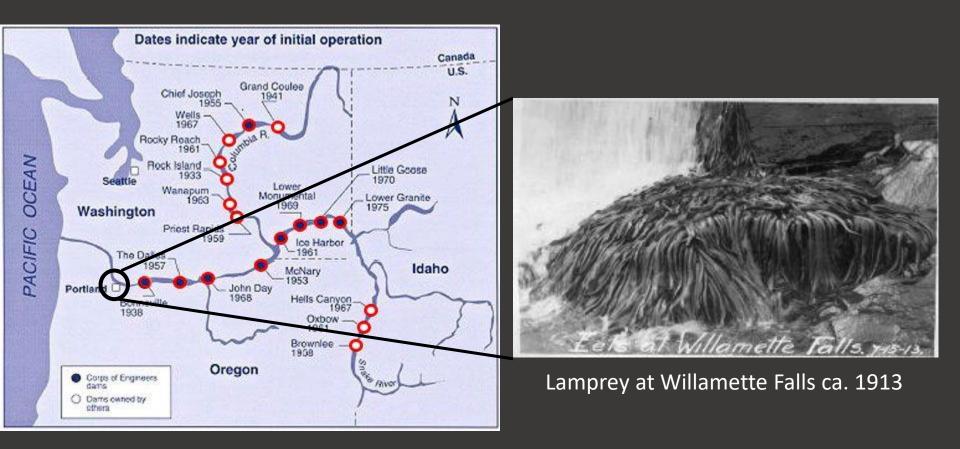




Adults are anadromous and parasitic

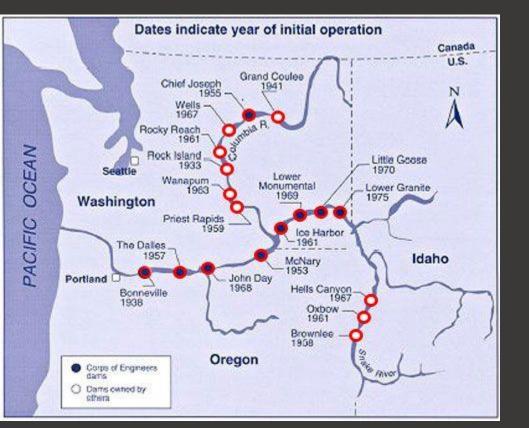
Return from ocean to spawn in freshwater after 1-2 years

Annual adult returns were historically in the hundred thousands to millions



Photos: CRITFC

Hydropower dams are the most notable impact leading to lamprey declines



DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

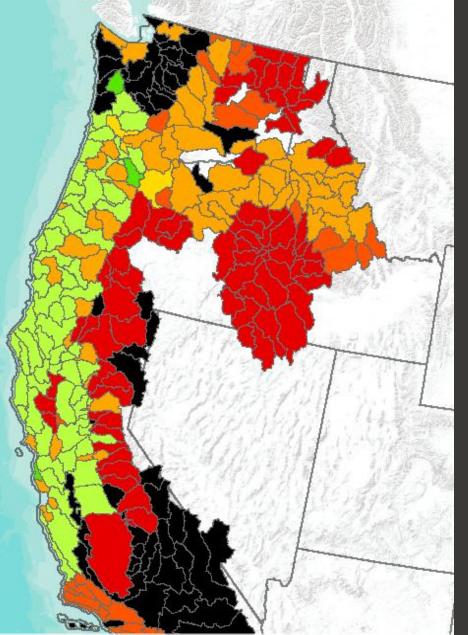
50 CFR Part 17

Endangered and Threatened Wildlife and Plants; 90-Day Finding on a Petition To List Three Species of Lampreys as Threatened or Endangered

AGENCY: Fish and Wildlife Service, Interior. ACTION: Notice of petition finding.

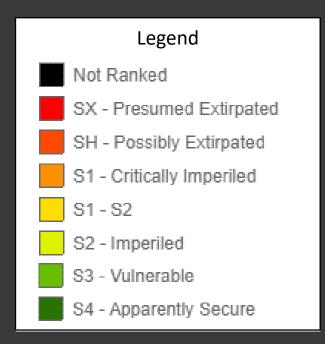
Dec. 27, 2004

...the petition and additional information <u>does not</u> present substantial scientific information indicating that listing Pacific lamprey may be warranted.

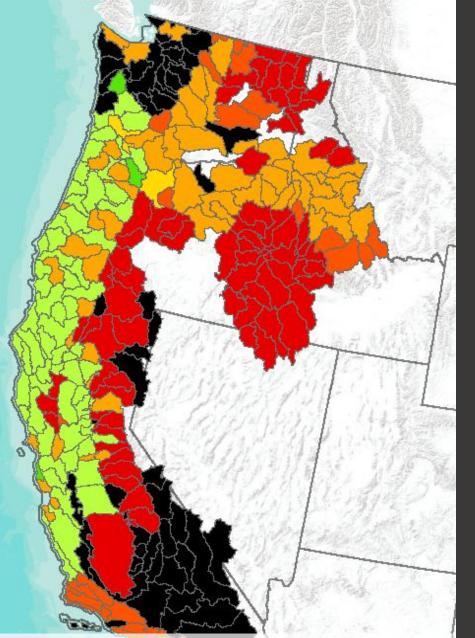


Nature Serve 2017 Rank of 4th Code HUCs

What do we know about Pacific lamprey persistence?



Lack of information is a primary challenge



Nature Serve 2017 Rank of 4th Code HUCs

We need to know:

Presence in a basinDistribution across a basinChanges in presence/distribution

Challenges:

-A LOT of areas needs to be covered
-Habitat is often remote
-Identification of Pacific vs freshwater
lamprey is difficult (esp. for juveniles)

How do we overcome these challenges?

Environmental DNA (eDNA)

DNA obtained from the environment rather than the target organism directly

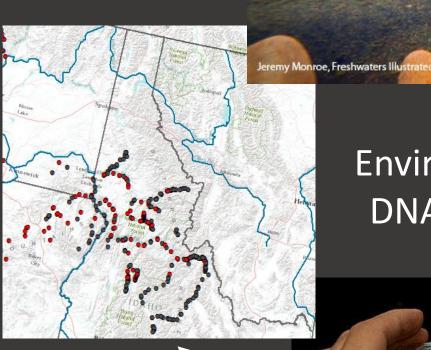


Environmental DNA Process





Currently, the best eDNA methods use quantitative PCR (qPCR)



Environmental DNA Process







Environmental DNA Process

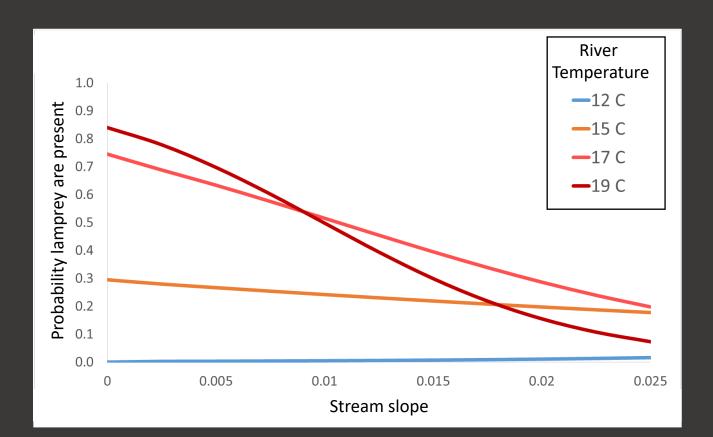




eBLIMP Methods

1) Where do lamprey like to live?

→ Examine current info to understand what makes good lamprey habitat



eBLIMP Methods

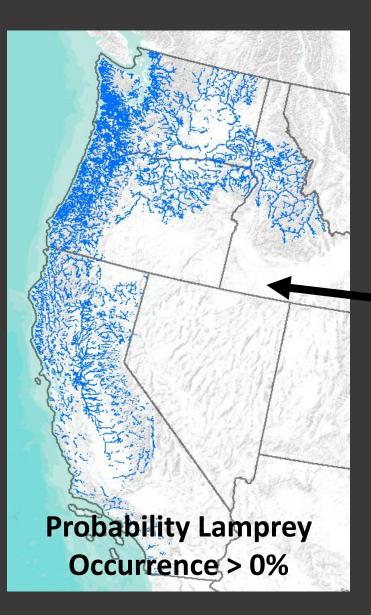
1) Where do lamprey like to live?

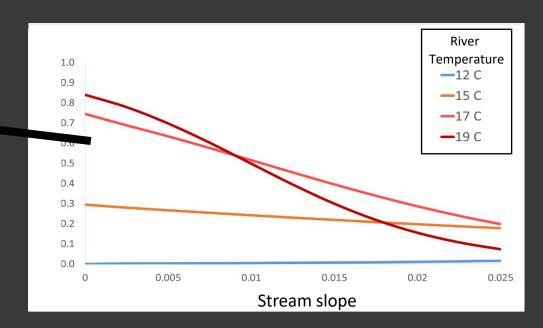
→ Examine current info to understand what makes good lamprey habitat

2) Where do these desirable places occur?

 \rightarrow Identify stream and river segments with ideal temperature and slope

Stream and river segments with lamprey habitat





eBLIMP Methods

1) Where do lamprey like to live?

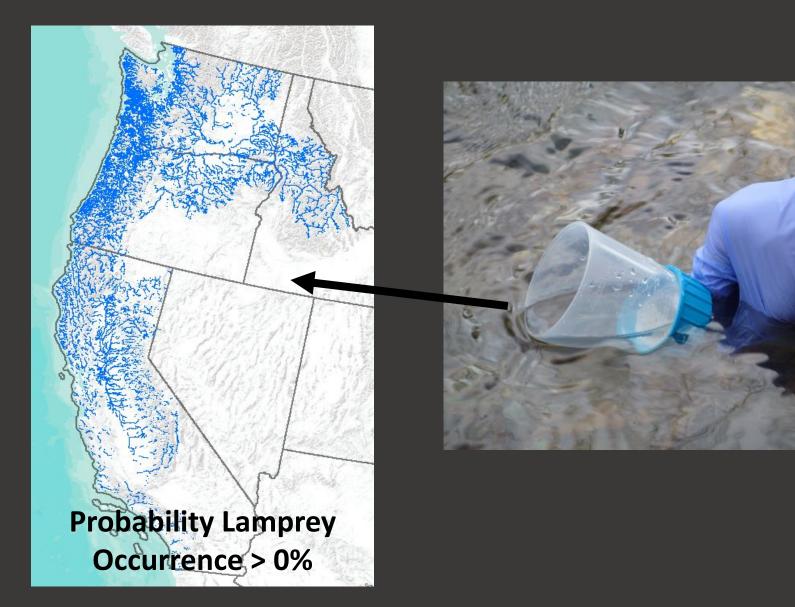
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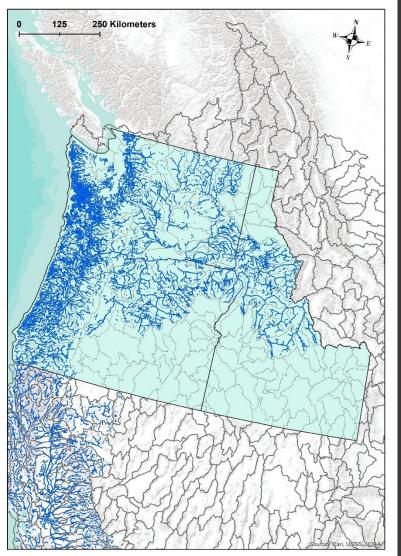
→ Identify stream and river segments with ideal temperature and slope

3) Collect eDNA samples in lamprey habitat

eDNA Sample Collection



eDNA Sample Collection



Focus on subbasins (4 code HUCs) in ID, OR and WA

Sampling mainstems at ~15 km intervals where lamprey probability > 0

Tributaries to mainstems IF Lamprey probability > 0 OR Known to support Chinook salmon

Analyzed samples at the USFS National Genomics Center (Missoula, MT)

Collaborators

TRIBAL PARTNERS

Colville Confederated Tribes Confederated Tribes of the Umatilla Reservation Confederated Tribes of the Siletz Indians Cowlitz Indian Tribe Lummi Nation Jamestown S'Klallam Tribe Nez Perce Tribe Nooksack Indian Tribe Puyallup Tribe of Indians Shoshone-Bannock Tribes Snoqualmie Indian Tribe Skagit River System Cooperative Yakama Nation

STATE AND FEDERAL AGENCIES

U.S. Forest Service Bureau of Land Management National Park Service U.S. Fish and Wildlife Service

Idaho Department of Fish and Game Oregon Department of Fish and Wildlife Washington Department of Fish and Wildlife

LOCAL GOVERNMENT AGENCIES

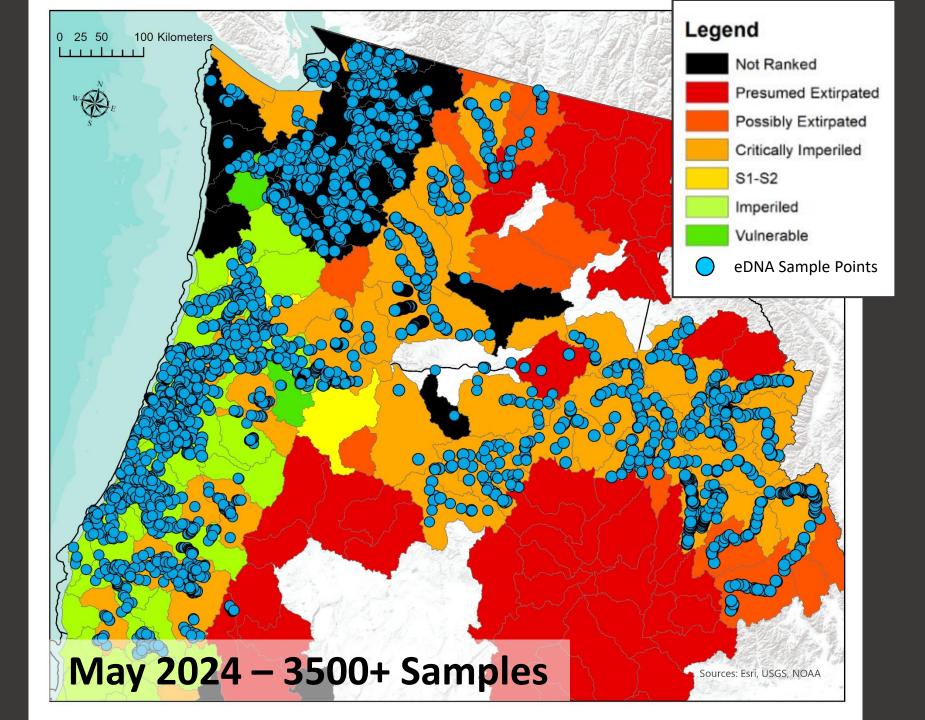
Clark Conservation District Clallam Country DCD Columbia Soil and Water Conservation District Greater Yamhill Watershed Council King County Department of Natural Resources and Parks Lower Nehalem Watershed Council Luckiamute Watershed Council Marys River Watershed Council Mid-Coast Watershed Council North Fork John Day Watershed Council Rickreall Watershed Council Tualatin Watershed Council Upper Nehalem Watershed Council West Multnomah Soil and Water Conservation District

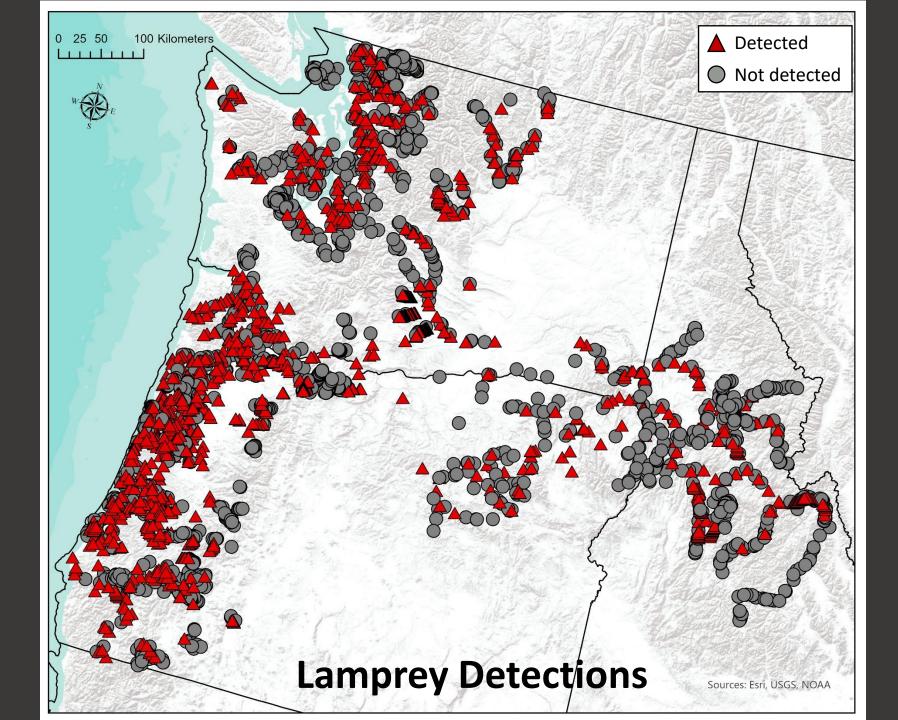
NON-PROFIT ORGANIZATIONS

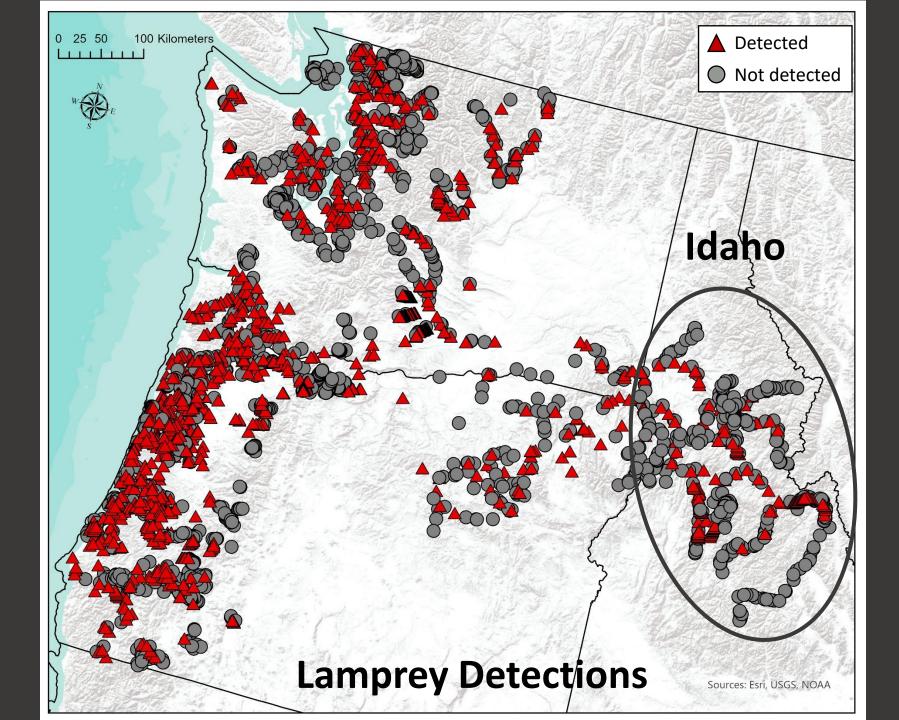
Glacier Peak Institute North Sound Trout Unlimited Skagit Fisheries Enhancement Group Wild Trout Conservancy

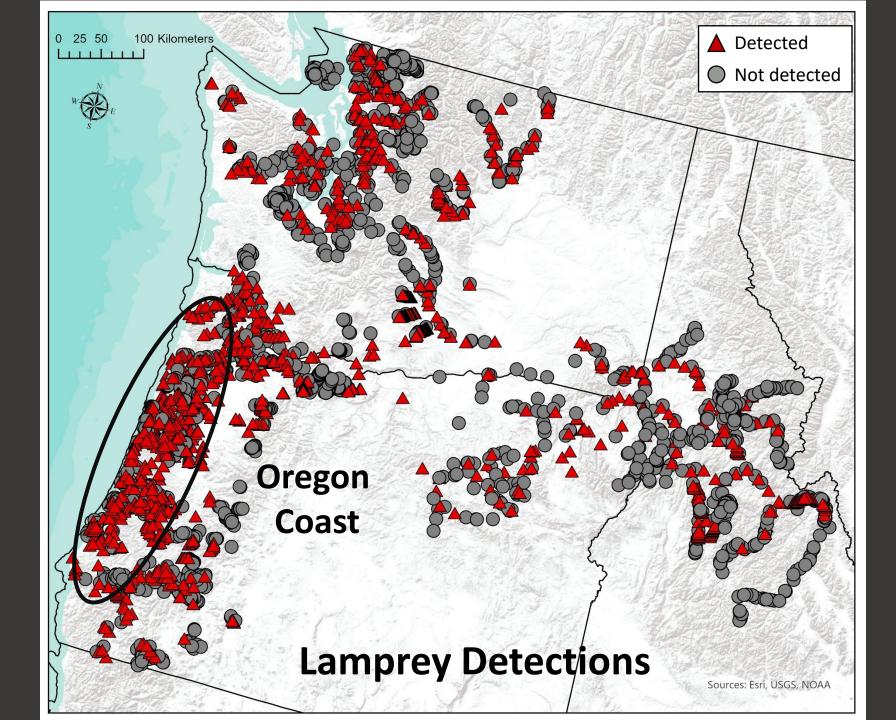
PUBLIC VOLUTNEERS

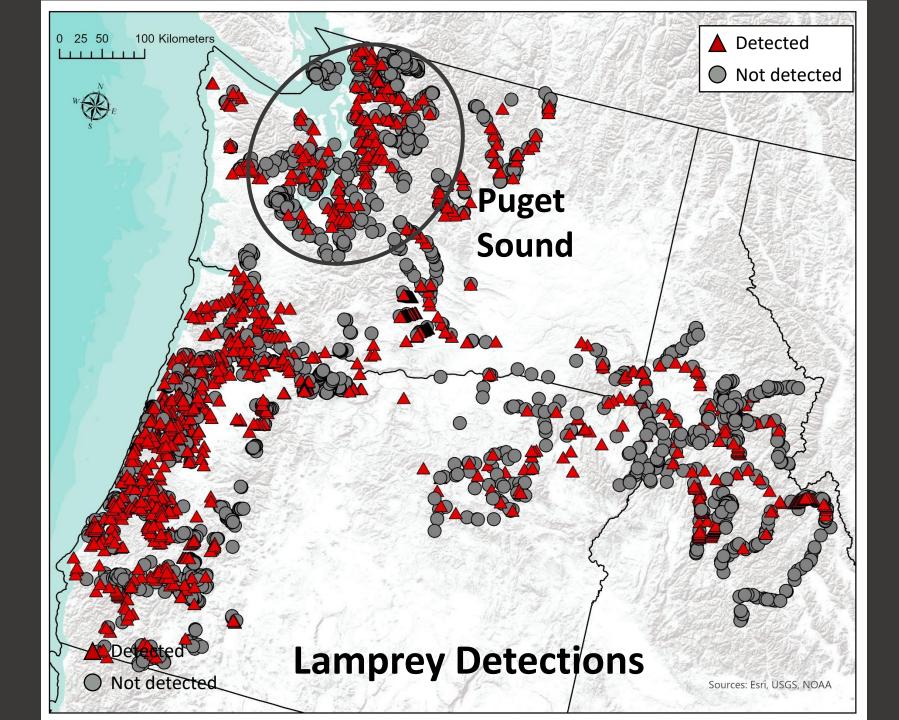
Steve Kopp, Angie Hanners, and Holly Coe

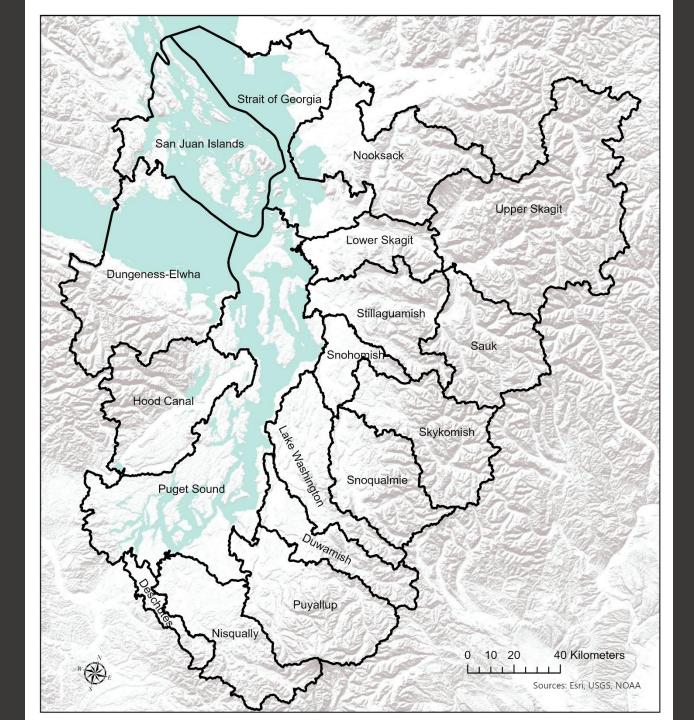


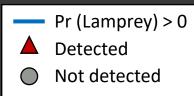




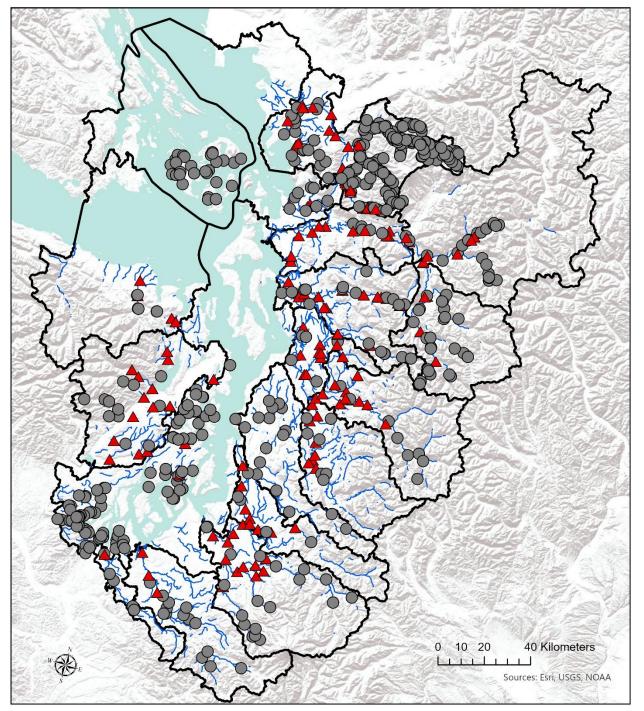


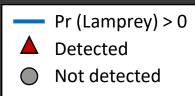




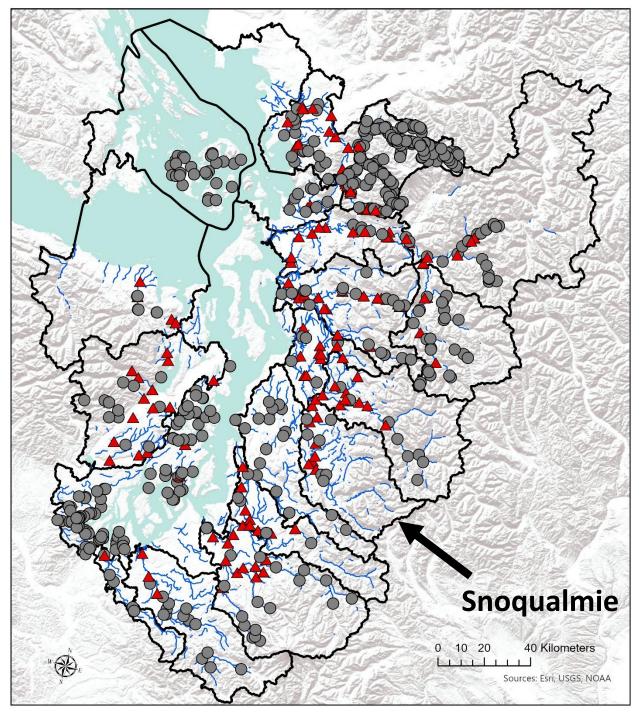


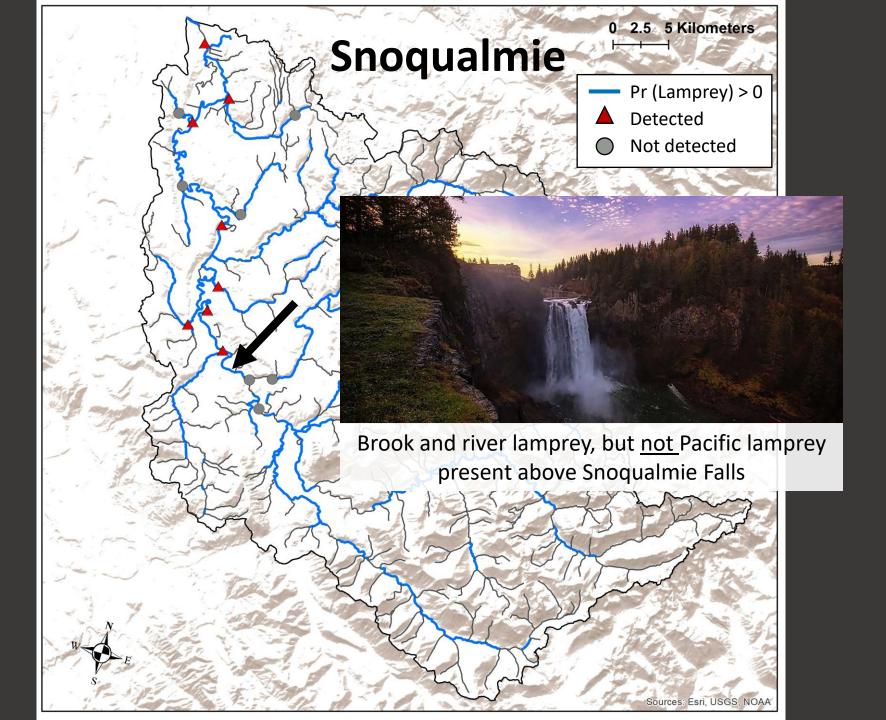












5 10 Kilometers

Lake Washington

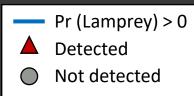


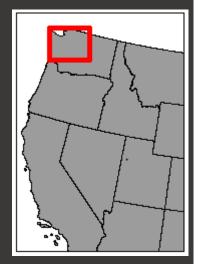
Despite passage for salmon, Pacific lamprey not present above Ballard Locks

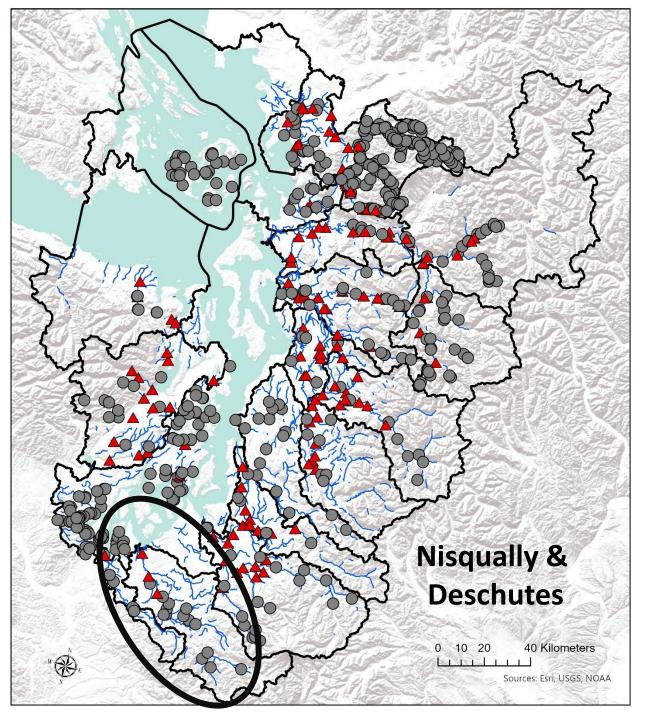


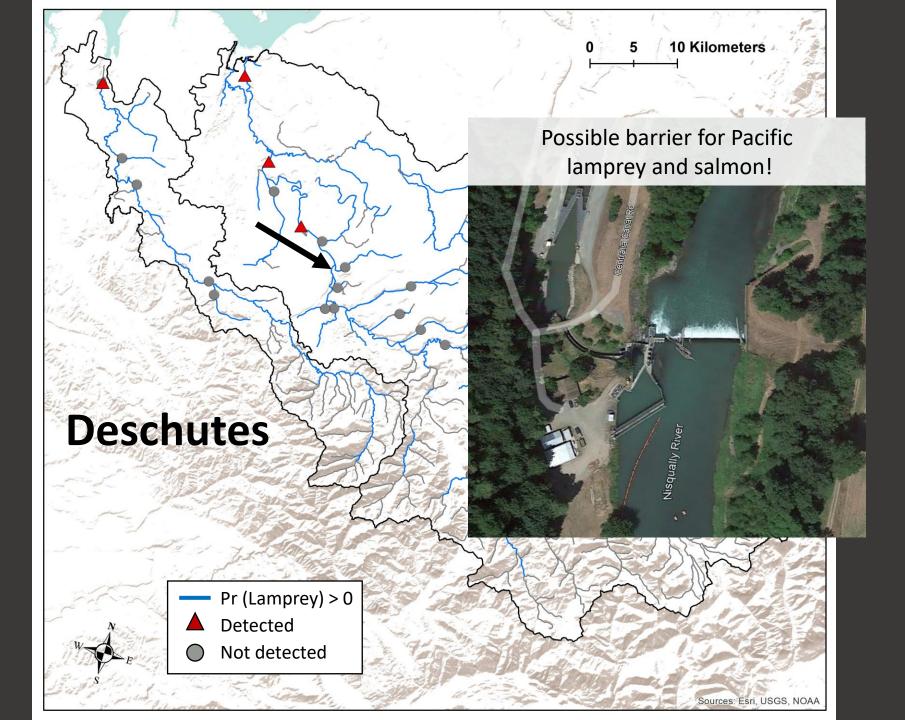
ources: Esri, USGS, NOAA

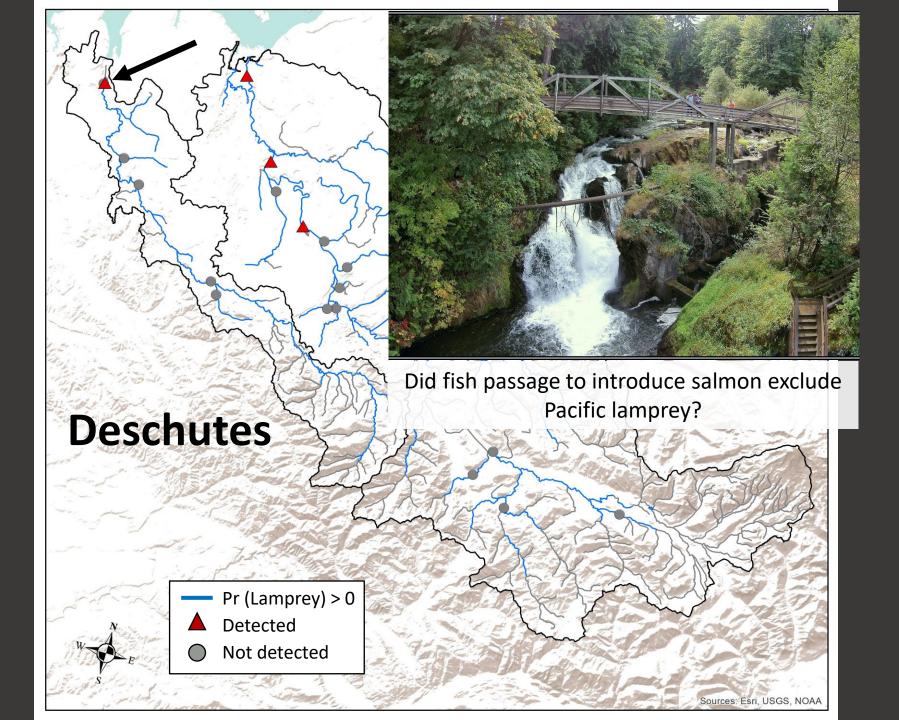
Pr (Lamprey) > 0 Detected Not detected

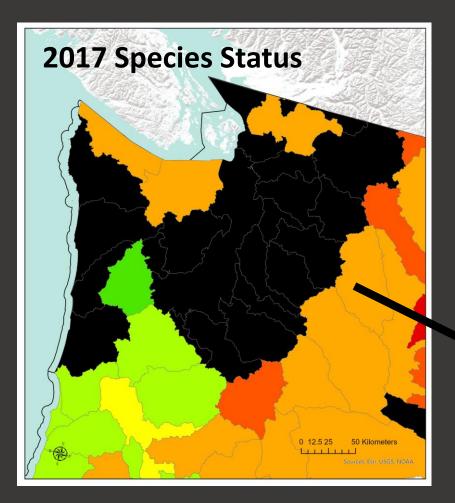






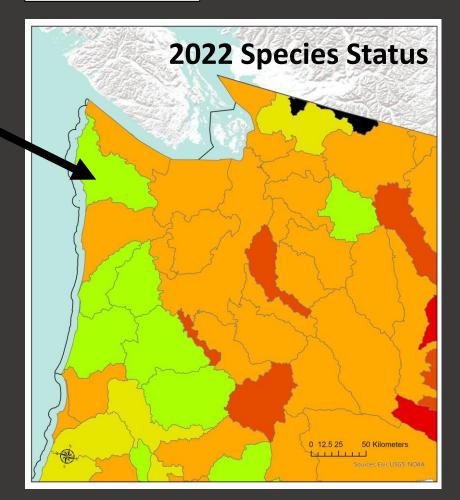






Filling in the gaps...





Observations and Notes

Analyzed nearly 3500 samples to date (1400 eBLIMP, 2100 from additional projects)

Barriers appear to limit Pacific lamprey in Puget Sound subbasins

Limited tributary occupancy in Idaho (except where reintroduction efforts have occurred)

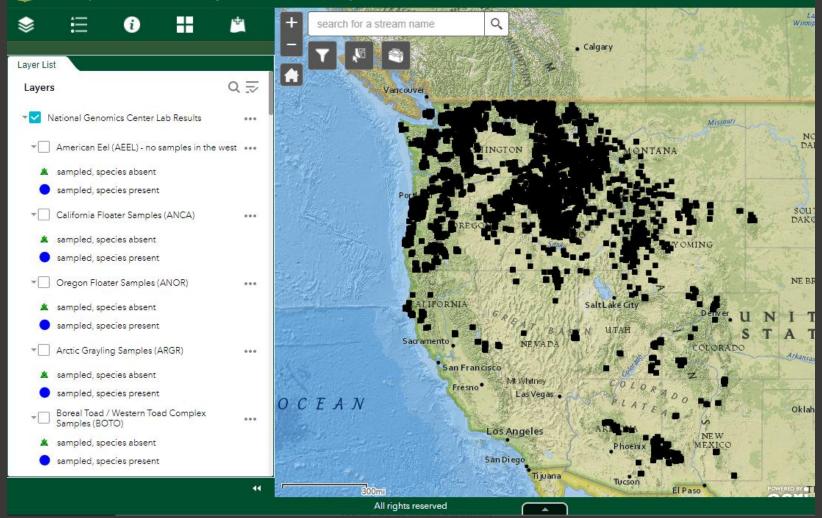
Results being used to update lamprey occurrence model; inform federal, state and tribal management efforts

Data is publicly available on the USFS Aquatic eDNAtlas

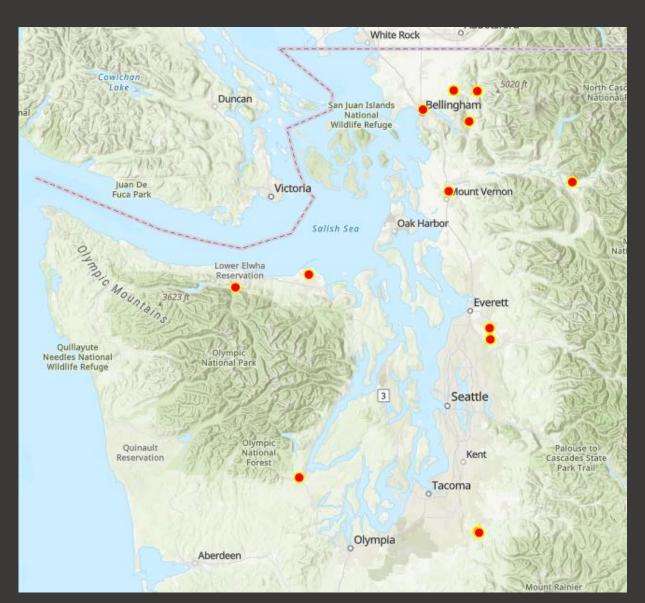
eDNAtlas

An interactive online map of eDNA locations and results

🐻 The Aquatic eDNAtlas Project: Lab Results Map - USFS RMRS



Next Steps! eDNA Monitoring of Pacific Lamprey Life Cycles





Questions? kellie.carim@usda.gov



November 2024 Final Meeting Minutes

Date: Monday, November 18, 2024

Time: 5:30 – 7:25

Location: Hybrid meeting, Zoom and Clallam County Board of Commissioners' Meeting Room Minutes prepared by Amelia Kalagher

Member Roll

	Member	Present?	Alternate	Present?
Academic Community	Ed Bowlby	Х	Ioana Bociu	Х
At Large	Alan Clark (NWSC Rep.)	Х	Mary Sue Brancato	
At Large	Timothy Cochnauer	Х	Ray Kirk	
Conservation &	Robert Vreeland		Nancy Stephanz	Х
Environmental Interests				
Development Community	Christopher Rumple		[vacant seat]	
District I	Jeff Ward		Lance Vail	
District II	Ann Soule (<i>Vice Chair</i>)	Х	Lyn Muench	Х
District III	Mike Doherty	Х	X Dann May	
Jamestown S'Klallam	Christopher Burns	Х	Robert Knapp	Х
Tribe				
Lower Elwha Klallam Tribe	Allyce Miller		Justin Stapleton	
Makah Tribe	[vacant seat]		[vacant seat]	
Marine Related	Alicia Amerson		Helle Andersen	Х
Recreation & Tourism				
Port Angeles City Council	LaTrisha Suggs (Chair)	Х	Navarra Carr	
Port of Port Angeles	Jesse Waknitz		Katharine Frazier	Х
Commission				
Sequim City Council	Meggan Uecker		Harmony Rutter	

Staff and Others Present

Cathy Lear (Ex-Officio, Clallam County Habitat Biologist), Rebecca Mahan (CC MRC Coordinator, CC Habitat Biologist), Amelia Kalagher (CC MRC Administrative Support), Bruce Emery (CC Director of Community Development), Lucas Hart (Northwest Straits Commission staff), Sasha Horst (Northwest Straits Commission staff), Dr. Kellie Carim (US Forest Service), Keylani Suggs, Brandon Sampson (Wet Dog Boats)

Welcome / Call to Order / Roll Call

Chair LaTrisha Suggs called the meeting to order at 5:30. Roll was called, and a quorum was present at the beginning of the meeting.

Public Comment / Approval of October Minutes

Ed Bowlby moved to approve the September CC MRC minutes; Ann Soule seconded. The motion passed unanimously.

Presentation – Dr. Kellie Carim, eDNA and Lamprey

Dr. Kellie Carim was briefly introduced, and she presented her work on lamprey and eDNA. Members and attendees followed up with a few questions for Dr. Carim.

Presentation – Lucas Hart, funding outlook

Lucas Hart, Director of the Northwest Straits Commission, presented to the group on the status and outlook of funding in the political landscape. The current strategic plan will decide the upcoming biennium of funding, and approximately \$200k of funding per year will be available for each MRC. The federal FY25 budget will determine whether another round of funding is available from NOAA, and NWSC is investigating the possibility for more state resources as an alternative. The group discussed various possibilities to develop political will for NWSC and MRCs.

Announcements

- Northwest Straits Commission conference recap: Several members and staff attended the conference on November 15th and 16th, and positive reflections were shared.
- Studium Generale presentation: The presentation will take place on December 5th. *All members, especially project leads, are encouraged to attend to represent the MRC and help answer potential questions.
- Training for Open Public Meetings Act / Public Records Act: Training is required for all new members or those who require a refresher. *Amelia will provide an email with details.
- *Welcome new member and alternate:* Dann May (alternate representing District III) and Alicia Amerson (representing marine related recreation and tourism) have joined the MRC.

Committee and Project Reports

Only project leads with substantive updates were asked to provide them.

- *NWSC monthly update:* *Rebecca will distribute the link to Northwest Straits Commission digital conference materials.
- *Strategic plan subcommittee:* LaTrisha gave an update. The subcommittee plans one more meeting in early December and will then present the draft plan to the entire MRC.
- Comprehensive plan subcommittee: The subcommittee plans to distribute a letter to jurisdictions to seek a place at the table in comprehensive planning discussions, but the current timing in these planning processes has made this difficult. The subcommittee needs to establish an additional meeting and next steps.

- *Pinto abalone:* Rebecca Mahan relayed an update from Jeff Ward, who was out sick. Dives took place on two main areas of interest, which found potential habitat though abalone were not found. Divers got great quality footage with a GoPro camera. 2025 dives will focus on areas west of Port Angeles, where there is anecdotal evidence of abalone sightings.
- *Olympia Oysters:* Chris Burns gave an update, including counts of spat in bags at the restoration site and single oysters still being raised for the restoration site.
- *Sound Toxins*: Nancy gave an update. There have been a few recent observations of harmful genera, particularly *Dinophysis* and *Alexandrium*, but not at extreme levels. Chris Burns noted there have been some recent toxins in mussels.
- *Education*: Ann shared that *a new lead is needed for the oil spill response training project, to plan HAZWOPER and oiled wildlife response trainings in 2025. Videos also need to be produced and shared for this project. Ann reminded the group that the oil spill task force meeting is taking place on December 5th.
- Priority concerns list for BOCC: LaTrisha reintroduced the draft list of concerns, opening the floor for discussion and comments by the MRC at large. Several MRC members and alternates shared and discussed specific feedback to be addressed in the next iteration. *The executive officers will incorporate this feedback into the next draft.

Discussion of next meeting date and agenda

- *Next meeting:* The meeting will take place on December 16th.
- Call for new agenda items:
 - The 2025 draft workplan will be presented for comment in December.
 - Projects for the next biennium can begin to be planned. Rebecca pointed out the flowchart attached to the agenda as a guide for project planning.

Public Comment

There was no public comment at this time.

Good of the Order

There were no good of the order items at this time.

Adjourn

Chair LaTrisha Suggs adjourned the meeting at 7:25.

CLALLAM MRC MEETING AGENDA



December 16, 2024 5:30 p.m. – 7:00 p.m. Hybrid Meeting



Zoom Meeting Link: <u>https://us06web.zoom.us/j/85314804485</u> Meeting ID: 853 1480 4485 Passcode: 12345 For more information about the MRC, please contact Cathy Lear at (360) 417-2361

Welcome by Chair LaTrisha Suggs / Call to Order / Roll Call

Determination of quorum

Approval of Minutes

Review and approval of November minutes

Announcements

Training for Open Public Meetings Act / Public Records Act – by January if needed

Committee and Project Reports if an update is needed

- NWSC monthly update Alan Clark
- Comprehensive plans subcommittee
 - Subcommittee: Alan Clark, Bob Vreeland, Ed Bowlby
 - S <u>Clallam County Comp Plan update & Clallam County Climate/Hazard Mitigation Plan</u> update
 - **§** Port Angeles City Comp Plan update
 - Sequim Comp Plan update: Future of Sequim survey
- Interns Tim Cochnauer
- Olympia Oyster Chris Burns
- Forage Fish Tim Cochnauer
- Elwha Beach Stewardship Helle Andersen
- · Ediz Hook Revegetation Helle Andersen & Allyce Miller
- Sound Toxins Nancy Stephanz
- Shellfish Biotoxins Bob Vreeland
- Pinto Abalone Jeff Ward & Alan Clark
- Pigeon Guillemot Ed Bowlby
- Kelp surveys Alan Clark & Jeff Ward
- Education & outreach
 - S Coasters Ann Soule
 - S Next new displays: crab, pigeon guillemots Ann, Amelia
 - **§** European Green Crab status update Ioana Bociu
 - § Oil spill response
 - State policy on rescue tug Mike Doherty

2025 Meetings

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

 HAZWOPER oiled wildlife trainings – Ann, Tim, Chris, Ed, Alicia, Mike (still need lead)

New or special business items

- 2025 workplan attached draft, staff will submit in early January
 Submit comments to Amelia by Jan 3
- 2025-2029 strategic plan subcommittee has produced the attached draft for MRC discussion and approval
 - Call for a motion to approve
- Roles and responsibilities attached draft for MRC review
 - o Submit comments to Amelia by Jan 3
- Project development for the next biennium (9/2025 9/2027)
 - o Decision on process and timeline for 2025-2027 project development

Discussion of next meeting date and agenda

- Next meeting *Thursday*, January 16 (rescheduled due to holiday)
 - § All 2025 meeting dates available in agenda footer
- · Call for new agenda items

Public Comment at the discretion of the Chair

Good of the Order

<u>Adjourn</u>

Clallam County DCD is inviting you to a scheduled Zoom meeting. Topic: MRC

Join Zoom Meeting https://us06web.zoom.us/j/85314804485?pwd=N3dMbHRyL3I5TnpKNGtVSGtWYk5VQT09

Meeting ID: 853 1480 4485 Passcode: 12345 One tap mobile +12532158782,,85314804485#,,,,*12345# US (Tacoma)

Dial by your location +1 253 215 8782 US (Tacoma)

July 21 August 18 September 15 October 20 November 17 December 15



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District II	Ann Soule (Vice Chair)	Х	Lyn Muench	Х
District III	Mike Doherty	Х	Dann May	Х
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Makah Tribe	[vacant seat]		[vacant seat]	
Marine Related	Alicia Amerson		Helle Andersen	Х
Recreation & Tourism				
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Dr. Kellie Carim was briefly introduced, and she presented her work on lamprey and eDNA. Members and attendees followed up with a few questions for Dr. Carim.

Presentation – Lucas Hart, funding outlook

Lucas Hart, Director of the Northwest Straits Commission, presented to the group on the status and outlook of funding in the political landscape. The current strategic plan will decide the upcoming biennium of funding, and approximately \$200k of funding per year will be available for each MRC. The federal FY25 budget will determine whether another round of funding is available from NOAA, and NWSC is investigating the possibility for more state resources as an alternative. The group discussed various possibilities to develop political will for NWSC and MRCs.

Announcements

- *Northwest Straits Commission conference recap:* Several members and staff attended the conference on November 15th and 16th, and positive reflections were shared.
- Studium Generale presentation: The presentation will take place on December 5th. *All members, especially project leads, are encouraged to attend to represent the MRC and help answer potential questions.
- Training for Open Public Meetings Act / Public Records Act: Training is required for all new members or those who require a refresher. *Amelia will provide an email with details.
- *Welcome new member and alternate:* Dann May (alternate representing District III) and Alicia Amerson (representing marine related recreation and tourism) have joined the MRC.

Committee and Project Reports

Only project leads with substantive updates were asked to provide them.

- *NWSC monthly update:* *Rebecca will distribute the link to Northwest Straits Commission digital conference materials.
- *Strategic plan subcommittee:* LaTrisha gave an update. The subcommittee plans one more meeting in early December and will then present the draft plan to the entire MRC.
- Comprehensive plan subcommittee: The subcommittee plans to distribute a letter to jurisdictions to seek a place at the table in comprehensive planning discussions, but the current timing in these planning processes has made this difficult. The subcommittee needs to establish an additional meeting and next steps.

- Pinto abalone: Rebecca Mahan relayed an update from Jeff Ward, who was out sick. Dives took
 place on two main areas of interest, which found potential habitat though abalone were not
 found. Divers got great quality footage with a GoPro camera. 2025 dives will focus on areas west
 of Port Angeles, where there is anecdotal evidence of abalone sightings.
- *Olympia Oysters:* Chris Burns gave an update, including counts of spat in bags at the restoration site and single oysters still being raised for the restoration site.
- *Sound Toxins*: Nancy gave an update. There have been a few recent observations of harmful genera, particularly *Dinophysis* and *Alexandrium*, but not at extreme levels. Chris Burns noted there have been some recent toxins in mussels.
- Education: Ann shared that *a new lead is needed for the oil spill response training project, to
 plan HAZWOPER and oiled wildlife response trainings in 2025. Videos also need to be produced
 and shared for this project. Ann reminded the group that the oil spill task force meeting is taking
 place on December 5th.
- Priority concerns list for BOCC: LaTrisha reintroduced the draft list of concerns, opening the floor for discussion and comments by the MRC at large. Several MRC members and alternates shared and discussed specific feedback to be addressed in the next iteration. *The executive officers will incorporate this feedback into the next draft.

Discussion of next meeting date and agenda

- Next meeting: The meeting will take place on December 16th.
- Call for new agenda items:
 - The 2025 draft workplan will be presented for comment in December.
 - Projects for the next biennium can begin to be planned. Rebecca pointed out the flowchart attached to the agenda as a guide for project planning.

Public Comment

There was no public comment at this time.

Good of the Order

There were no good of the order items at this time.

Adjourn

Chair LaTrisha Suggs adjourned the meeting at 7:25.

Clallam County Marine Resources Committee Annual Work Plan: Oct 2024 – Sep 2025

Project		October	November	December	January	February	March	April	Мау	June	July	August	September
	Members	Annual Work Plan review. Website update review and suggestions on edits. Begin to develop and plan projects for the next biennium (Oct 2025 - Sept 2027). Quarterly volunteer hours (Jul, Aug, Sep) due Start of new grant year. NWSC monthly report		Begin to develop and plan projects for the next biennium (Oct 2025 - Sept 2027). Annual work plan review.	Nov, Dec) due by Jan 10.	developm	cts, with possible project ent retreat.	Develop and plan projects. Quarterly Volunteer hours (Jan, Feb, Mar) due by April 11.			Quarterly Volunteer hours (Apr, May, Jun) due by July 11. MRC annual presentation to the BOCC.		
MRC Admin		report (due Apr).	due. Monthly Clallam MRC meeting. Update website monthly. Work on annual report (due Apr).	Finalize annual work plan (due Jan). NWSC monthly report due. Monthly Clallam MRC meeting. Update website monthly. Work on annual report (due Apr).	Annual work plan due January 14. Quarterly reports (Progress report, Matching funds/volunteer time tracking, report of agendas/minutes) due January 15. NWSC monthly report due. Monthly Clallam MRC meeting. Update website monthly. Work on annual report (due Apr).	NWSC monthly report due. Monthly Clallam MRC meeting. Update website monthly. Work on annual report (due Apr).	Finalize annual report (due Apr). NWSC monthly report due. Monthly Clallam MRC meeting. Update website monthly.	Annual report due April 15. Quarterly reports (Progress report, Matching funds/volunteer time tracking, report of agendas/minutes) due April 15. Complete any new member or MRC member reappointment paperwork. NWSC monthly report due. Monthly Clallam MRC meeting.	NWSC monthly report due. Monthly Clallam MRC meeting. Update website monthly.	MRC project presentation to the Northwest Straits Commission. NWSC monthly report due. Monthly Clallam MRC meeting. Update website monthly.	Quarterly reports (Progress report, Matching funds/volunteer time tracking, report of agendas/minutes) due July 15. NWSC monthly report due. Monthly Clallam MRC meeting. Update website monthly.	NWSC monthly report due. Monthly Clallam MRC meeting. Update website monthly.	Closeout report due September 30. NWSC monthly report due. Monthly Clallam MRC meeting. Update website monthly.
	All - Regional Meetings, Trainings, Conferences		Northwest Straits Initiative Conference.	MRC lead staff meeting.	Strait ERN LIO quarterly meeting.	NWSC/MRC staff meeting.		Strait ERN LIO quarterly meeting.			Strait ERN LIO quarterly meeting.		NWSC/MRC staff meeting.
	All- Outreach/Educa tion			Meet with PC staff to establish intern program.	Potential start to intern program depending on student interest and availability.	Potential mentorship of intern.	Potential mentorship of intern.	Potential start to intern program depending on student interest and availability.	Potential mentorship of intern.	Potential mentorship of intern.	Potential start to intern program depending on student interest and availability.	Potential mentorship of intern.	Host an educational table at Dungeness Rive Festival. Potential start to intern program depending on student interest and availability.
Forage Fish	n Monitoring	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Year 2 QAPP due December 31. Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.	Summary report due September 30. Sampling/monitoring at Cline Spit, Ediz Hook, Elwha East and Elwha West. Enter data into IFORM.
Bull Kelp M	Ionitoring				NWSI kelp kayak update meeting. Engage with volunteers to prepare background checks as needed.			Year 2 QAPP due April 4.	Check all gear to prepare for monitoring. Engage with volunteers and schedule monitoring dates.	Attend Olympic Peninsula practice session. Monitor kelp beds and input data.	Monitor kelp beds and input data.	Monitor kelp beds and input data.	Summary report due September 30.
Pigeon Guil Monitoring colonies	illemot: g of breeding							Year 2 QAPP due April 4.	Train volunteers and assign monitoring sites.	Weekly monitoring.	Summary and training materials due. Weekly monitoring	Weekly monitoring.	Summary report due September 30. Weekly monitoring as presence dictates.
West Elwha Stewardshi		Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Bi-weekly filling of doggie waste bags. Surveys of beach users.	Summary report due September 30. Bi-weekl filling of doggie waste bags. Surveys of beach users.
Olympia Oy	yster Restoration							QAPP due April 4.			Survey site.	Survey site.	Year 2 final report due September 30.
Pinto Abalo	one	Initial survey dives.		2024 Pinto abalone final report and copy of 2024 survey data due December 31.				2025 QAPP addendum due April 10.	Possible survey dives.	Possible survey dives.	Possible survey dives.	Possible survey dives.	
Ediz Hook F Planting	Restoration			2024 project report due December 31.		Meal approval form submitted prior to planting activity.	Possible planting activity.	Possible planting activity.					
HAZWOPEF Education 1	R / Oiled Wildlife Training			2024 project final report due December 31.	2025 training plan and recruitment materials due January 10.		Possible HAZWOPER / oi	I ed wildlife training. Produ	ce training videos for web	site.			
Biotoxins/	with CCDH	Sample biotoxins with CCDH bi-weekly.						Sample biotoxins with CCDH bi-weekly.	Sample biotoxins with CCDH bi-weekly.	Sample biotoxins with CCDH bi-weekly.	Sample biotoxins with CCDH bi-weekly.	Sample biotoxins with CCDH bi-weekly.	Sample biotoxins with CCDH bi-weekly.
Sound Toxi	ins/ with Fiero	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC every Monday.	Sample with FMLC ever Monday.



CLALLAM COUNTY MARINE RESOURCES COMMITTEE

5 Year Strategic Plan, 2025-2029

INTRODUCTION

The Clallam County Marine Resources Committee (CCMRC) is a volunteer organization established by the Clallam County Board of Commissioners (BOCC) as an advisory committee (<u>Resolution 58-1999</u>) with a mission to "address local marine issues related to the Strait of Juan de Fuca, recommend remedial actions to local authorities, build local awareness of the issues and support for remedies...".

The CCMRC is one of seven Marine Resources Committees supported by the Northwest Straits Marine Conservation Initiative authorized by the U.S. Congress in 1998 following the recommendations of a blue-ribbon committee created by U.S. Senator Patti Murray and U.S. Representative Jack Metcalf (Murray-Metcalf Commission). Our funding comes from federal and state grants administered by the Northwest Straits Commission (NWSC). In addition to collaborating with the NWSC, the Northwest Straits Foundation, and other MRCs, CCMRC and its members also work closely with many local and regional partners, including Tribes. For detailed information and a full list of our valuable partners/collaborators, see our website.

VISION STATEMENT

CCMRC's vision is a healthy marine ecosystem for future generations.

MISSION STATEMENT AND GOALS

To achieve the vision by:

- 1.) Protecting marine ecosystems through monitoring and restoration.
- 2.) Using science to support decision making, to educate, and to advise the public and elected officials.
- 3.) Promoting environmental stewardship, engaging local residents in citizen science, and involving partner organizations.
- 4.) Implementing projects and activities that are collectively agreed upon by the CCMRC and championed by individual members.

GUIDING PRINCIPLES AND CURRENT ACTIVITIES

Monitoring to Deliver Measurable Science that Informs and Reduces Uncertainty:

- Kelp monitoring: CCMRC monitors floating kelp beds at three locations to provide valuable information on the annual spatial distribution of floating kelp communities in CCMRC will complete surveys during the dominant growing months, typically July-August. Data are provided to the Northwest Straits Commission and Department of Natural Resources.
- **Pigeon guillemot monitoring:** Using existing survey methods of the Salish Sea Guillemot Network protocol, the CCMRC conducts weekly pigeon guillemot breeding colony surveys annually during the summer months. The goals of this project are to monitor and improve understanding of nearshore health by monitoring pigeon guillemots as an indicator species and to promote community science contributions to regional research.
- **Forage fish monitoring:** In collaboration with the Washington Department of Fish and Wildlife (WDFW), CCMRC monitors forage fish spawning on a monthly basis at four beaches, and provides the samples to WDFW for analysis.
- **Olympia oysters:** In partnership with the Jamestown S'Klallam Tribe and WDFW, the CCMRC monitors Olympia oyster populations annually in Sequim Bay.
- **Pinto abalone surveys:** In 2023-2024, the goal is to identify Pinto abalone populations and identify possibilities for future restoration, in partnership with Puget Sound Restoration Fund and WDFW.

Restoration that Addresses Conservation Challenges:

- **Olympia oysters**: The goal of this project is to bolster recruitment and support selfsustaining populations of Olympia oysters. This could be augmented by providing additional substrate for settlement through habitat enhancement using blank Pacific oyster shells and supplementing with hatchery-produced Olympia oyster seed.
- **Pinto abalone possible future restoration project**: The CCMRC's current survey efforts of the endangered Pinto abalone aim to expand the regional body of knowledge, and may suggest contributing to Salish Sea restoration efforts.

Education and Outreach to Engage Communities and Amplify Science:

- Elwha stewardship: The CCMRC provides a Sanikan and dog waste bags at the West Elwha Beach, with a focus on reducing human and dog waste entering the waterway. This includes routine surveys of people and dog use of the beach to understand trends over time.
- HAZWOPER & oiled wildlife rescue training: The goal of this project is to train local residents in Hazardous Waste Operations and Emergency Response (HAZWOPER) and oiled wildlife response, to bolster the community's capacity to respond in the event of an oil spill.
- **Catch More Crab:** CCMRC members educate the public through the Northwest Straits Foundation's "Catch More Crab" program, encouraging crabbers to use techniques that prevent gear loss and resulting marine life mortality.
- **Derelict vessels & gear:** The CCMRC may participate in regional efforts to prevent and/or remove derelict fishing and boating gear, especially derelict vessels and crabbing gear, to reduce the threat posed to marine ecosystems by this debris.
- Shore Friendly: The CCMRC supports a statewide program by the Northwest Straits Foundation promoting sustainable shoreline management by reducing hard armoring like seawalls. The MRC participates by facilitating workshops for shoreline landowners about soft armoring options and the science of healthy shorelines.
- **Festivals / coasters:** The CCMRC continually engages in community outreach and education events. Some events return for many years in a row, while some are unique one-time opportunities to reach out to the community. Educational coasters featuring marine life and issues are distributed at these events and local venues, linking the public to more information.
- **Public presentations:** The CCMRC takes available opportunities to engage with the public through presentations on our work. This may include presentations to local affinity groups, students, the community at large, the BOCC, and other organizations or governments.
- Interns: The CCMRC aims to further education and career development of local students in marine science and conservation through offering internships as appropriate.

Advisory Work to Prepare our Community for Environmental Changes:

- **Elected official updates:** The CCMRC provides input to the BOCC and the Director of Community Development, prioritizing our current list of top concerns for the marine environment.
- **Planning:** Provide comments on local Comprehensive Plans, Climate Resiliency Plans, and Hazard Mitigation Plans.
- Advisory: The CCMRC advises on project proposals of concern to the CCMRC through its adopted advisory process.

Support Community Projects that are led by our Partners:

- Sound Toxins (Feiro Marine Life Center, Washington Sea Grant): "a monitoring program designed to provide early warning of harmful algal bloom events in order to minimize both human health risks and economic losses to Puget Sound fisheries"
- Shellfish Biotoxin Sampling (Clallam County Environmental Health): shellfish sampling for the Washington State Department of Health determines whether beaches must be closed for shellfish harvest during blooms of toxin-producing plankton.
- Green crab molt search (Washington Sea Grant): "Molt Search aims to support broader participation in early detection along inland Washington's shorelines by teaching volunteers simple, standardized steps for searching and reporting on the presence (and absence!) of European green crab molts."
- EGC European Green Crab trapping (Jamestown S'Klallam Tribe, Washington Sea Grant): MRC members participate in regional efforts to trap invasive European green crabs.
- **Revegetations and beach cleanups**: The CCMRC may assist our partners with these efforts incidentally in the coming years.

OPERATIONS

The CCMRC meets as a whole monthly to discuss project lead reports, upcoming events, NWSC updates, potential new issues and business, and speaker presentations. Regular meetings are advertised and the public is invited to attend. Every other year, the CCMRC reviews and updates its project plans and funding for the next biennium.

CCMRC staff are employees of Clallam County and administer grants and coordinate committee operations. CCMRC membership appointments follow representation policies found in authorizing documents and last four years, with no renewal limitations; open positions are advertised and approved by the BOCC. Our website lists current members and includes a document describing CCMRC roles and responsibilities.

The NWSC hosts a conference every year which offers a chance for CCMRC members to learn from and network with MRCs from the other counties and the NWSC <u>Science</u> Advisory Committee on field projects, outreach techniques, and more. This event fosters collaborative stewardship of the marine and nearshore environment and is motivational, especially for newer CCMRC members.

Monitoring projects follow Quality Assurance Project Plans (QAPPs) approved by the Washington Department of Ecology. With the help of NWSC we keep up with the state of the science and invite experts in new technologies to educate us about those techniques. Recent presentations have included:

- Underwater robotic system (BlueROV)
- Environmental DNA (eDNA) studies

Aquaculture technologies

MOVING TOWARD 2029

The CCMRC will use this plan to continue monitoring and restoration of the marine environment, education and outreach, and advisory work to prepare our community for environmental changes.

Duties of Clallam MRC Officers and Members

December 2024

Duties of the Chair:

- 1. Provide leadership and serve as the presiding officer of the board.
- 2. Chair monthly committee meetings, maintain order, assist board in achieving actions for each meeting, implement Roberts Rules of Order.
- 3. Appoint members to subcommittees and special assignments.
- 4. Rule on questions of procedure.
- 5. Meet with MRC staff to review monthly agenda items, plan the annual cycle of board meetings.
- 6. Conduct business of the MRC between its meetings, in coordination with/as needed by County staff.
- 7. Sign documents of the committee.
- 8. Represent the organization as a spokesperson as appropriate.
- 9. Provide annual updates to the Clallam County Board of County Commissioners.
- 10. Participate in annual NWSC conferrence.

Duties of the Vice-Chair:

- 1. Act for the chair in the chair's absence.
- 2. Share tasks with the chair, act as a sounding board, and help with difficult decisions between meetings.
- 3. Liaise regularly with the chair about agenda items and current issues.
- 4. Address complaints made about the chairperson.
- 5. Provide support/coordination on MRC business between meetings.
- 6. Participate in annual NWSC conference.

Duties of Project Leads:

- 1. Work closely with County MRC staff on planning and implementing the project, and be familiar with reporting forms and timeline for when reports are due.
- 2. In coordination with MRC staff, maintain project team effectively, delegate tasks, monitor progress, identify and mitigate risks, communicate with team, make decisions, solve problems, and ensure the project is delivered on time and within budget, all while maintaining a focus on achieving project goals.
- 3. Make sure gear for your project is functioning properly and work with MRC staff to maintain as needed.
- 4. Follow the QAPP (Quality Assurance Project Plan) for your project.
- 5. Submit data, findings, and other information to MRC staff 3-4 weeks before reports are to be submitted to the grant entities. Reports may be needed quarterly, semi-annually, or annually, depending on the grant requirements.

- Respond timely to MRC staff requests for data, information, and review of documents, in addition to providing a supporting role to MRC staff and the NWSC.
- 7. Treat committee members and MRC staff with respect and kindness.

Duties of Members:

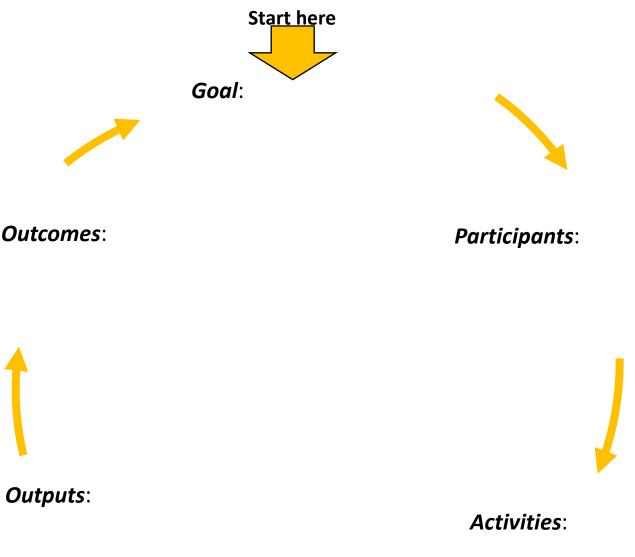
- 1. Responsible for contributing to meetings, communicating project team business, actively engage in the business of at least one project team.
- 2. Actively volunteer for two events or more annually for the MRC booth at public education/outreach events.
- 3. Actively volunteer to serve on sub-committees when formed.
- 4. It is anticipated that members will contribute 8-10 hours a month as needed.
- 5. Actively assist on projects when leads put out a request for help.
- 6. Stay current on environmental issues and changes impacting the nearshore and community.
- 7. Be good stewards and promote strong partnerships within our community.
- 8. Participate in annual NWSC conference.
- 9. Communicate and liaise regularly with the population or organization represented by your MRC role.
- 10. Communicate with your alternate regularly so that they can attend meetings if you are not able to. Communicate with the Chair and MRC staff if you are not able to attend the meeting and if your alternate will be in attendance to fill in for you.

Duties of Alternates:

- 1. Communicate with the lead member and assist them with their project.
- 2. Actively assist on projects when leads put out a request for help.
- 3. Be good stewards and promote strong partnerships within our community.
- 4. Stay current on environmental issues and changes impacting the nearshore and community.
- 5. It is anticipated that alternates will contribute 4-6 hours a month as needed.
- 6. Alternates are allowed to vote only when they are filling in for the lead member because the lead is not able to attend the meeting, and has informed the chair and MRC staff that they are not able to attend and the alternate will be in attendance for the meeting.

NW Straits 2024 Conference - Science Advisory Committee (SAC) Session Worksheet

Instructions: The project wheel worksheet is broken down into steps to help you map out your project design for a new idea/or existing project. Definitions are on the back of this worksheet. Complete as much of this worksheet as you can on a specific idea, new or ongoing project you would like to discuss with the SAC. Start with your goal and use this wheel as a tool to identify what you are trying to accomplish and flag where you have questions or need guidance from the SAC.







Start here

drive assessment of whether and how project can meet the goal, or needs to be changed it in the next round

Goal: if/when this project succeeds, [...] will happen, be known

can not be achieved without specific, named

Outcomes: how the activities and outputs measurably further the goal(s) of the project.

which, once accomplished facilitate these measureable movements towards the goal

Outputs: any tangible products of the work (e.g., pamphlets, signage, graduates of a training program, number of invasives found, wildlife counted, acres cleaned, sites added, etc.)

directly result in discrete or countable

Participants: all groups (e.g., MRC staff, volunteer members, other organization(s)) directly involved in the

work

can be assigned to all of the project

Activities: the tasks & actions - science, monitoring, training, presentations, etc. accomplished by the project participants

Northwest Straits Commission Science Advisory Committee -Northwest Straits Project Wheel



December 2024 Final Meeting Minutes

Date: Monday, December 16, 2024

Time: 5:31 – 6:57

Location: Hybrid meeting, Zoom and Clallam County Board of Commissioners' Meeting Room Minutes prepared by Amelia Kalagher

Member Roll

	Member	Present?	Alternate	Present?
Academic Community	Ed Bowlby	Х	Ioana Bociu	
At Large	Alan Clark (<i>NWSC Rep.</i>)	Х	Mary Sue Brancato	
At Large	Timothy Cochnauer	Х	Ray Kirk	
Conservation &	Robert Vreeland	Х	Nancy Stephanz	Х
Environmental Interests				
Development Community	Christopher Rumple	Х	[vacant seat]	
District I	Jeff Ward	Х	[vacant seat]	
District II	Ann Soule (Vice Chair)	Х	Lyn Muench	excused
District III	Mike Doherty	Х	Dann May	Х
Jamestown S'Klallam	Christopher Burns	excused	Robert Knapp	excused
Tribe				
Lower Elwha Klallam Tribe	Allyce Miller	Х	Justin Stapleton	
Makah Tribe	[vacant seat]		[vacant seat]	
Marine Related	Alicia Amerson	Х	Helle Andersen	Х
Recreation & Tourism				
Port Angeles City Council	LaTrisha Suggs (Chair)	Х	Navarra Carr	
Port of Port Angeles	Jesse Waknitz		Katharine Frazier	Х
Commission				
Sequim City Council	Meggan Uecker		Harmony Rutter	

Staff and Others Present

Cathy Lear (Ex-Officio, Clallam County Habitat Biologist), Rebecca Mahan (CC MRC Coordinator, CC Habitat Biologist), Amelia Kalagher (CC MRC Administrative Support), Bruce Emery, Jeff Whitty

Welcome / Call to Order / Roll Call

Chair LaTrisha Suggs called the meeting to order at 5:31. Roll was called, and a quorum was present at the beginning of the meeting.

Approval of Minutes

Nancy Stephanz moved to approve the November CC MRC minutes; Dann May seconded. The motion passed unanimously.

Announcements

• Training for Open Public Meetings Act / Public Records Act: Amelia announced that members who have not taken training for these acts in the last 4 years must train in person or online. There is a training scheduled in January, and details are available by email.

Committee and Project Reports

Only project leads with substantive updates were asked to provide them.

- Pinto abalone Jeff Ward: Draft report is in hand from Puget Sound Restoration Fund based on last month's dive surveys. This should be final by the end of December. An abalone restoration partners' meeting will take place 12/17 in Seattle, which Jeff and Rebecca will attend virtually and present the MRC's work.
- *Olympia oysters Rebecca Mahan:* The Olympia oysters are doing well at the Point Whitney hatchery, and are approximately half an inch, though growth is slow this time of year. Growth should start speeding up now that oysters are in FLUPSY bins in John Wayne Marina.
- Sound toxins Nancy Stephanz: Today's sampling saw two Dinophysis of two different species. Concentrations of harmful algae continue to be low during winter.
- Forage fish Tim Cochnauer: Surf smelt eggs were recently observed after a long absence. The final sampling of the year will take place this week.
- Education (HAZWOPER) Rebecca Mahan: The HAZWOPER project includes a grant deliverable due January 14th, which includes a plan for 2025 trainings. 2025 deliverables include a training, which should be booked soon due to the partner International Bird Rescue's busy schedule, and 4 educational videos. An MRC lead for this project is needed. Ed and Alicia chose to co-lead this project.
- European green crab Allyce Miller, Rebecca Mahan: Lower Elwha Klallam Tribe has been surveying, and recently found 2 green crabs in the Ediz Hook lagoon and 10 at Salt Creek. There could be potential to develop a project with the MRC related to invasive European Green Crab.
- Comprehensive plan subcommittee Alan Clark, Bob Vreeland: Subcommittee members, other MRC members and alternates, and DCD Director Bruce Emery discussed the comprehensive plan status and how the MRC might provide input.
 - Subcommittee members are concerned that they do not have the bandwidth to provide effective guidance on comprehensive plans.
 - Per Ann, comment is open for the hazard mitigation plan through the end of December, and the first priority for the comprehensive plan subcommittee should be finding out the status of comprehensive plans.
 - Bruce Emery shared significant insight on the status of Clallam County's comprehensive plan development. The hazard mitigation plan is well ahead of everything else and the same consultants are working on a climate element for the comprehensive plan. The public engagement process will take place from January through March, sharing the range of options with the community for input. Bruce and DCD have some relevant

documents from the consultants, particularly a gap analysis from the critical areas code, which could be shared with the MRC for review. *Bruce will put a package together.

- *Ann Soule will share links with the group regarding the hazard mitigation plan and a toolkit from the North Olympic Development Council (NODC) 2015 report.
- State policy on rescue tug Mike Doherty: The rescue tug is still in a rulemaking phase. Members of other MRCs have been communicating since the conference to get involved in this effort. Mike shared some materials of interest: an <u>article regarding water quality standards and the</u> <u>obligations of polluters</u>, the <u>obituary of Chris Morganroth</u>, Quileute Tribal leader influential in water quality, BC's recent annual oil spill meeting (<u>some archived materials here</u>). Canadian tanker increases were justified by necessity for access to Asian markets, but in fact are often routed to California, so there may be more to come on this.

New or special business items

- 2025 workplan: Staff has produced a draft workplan for the 2024-2025 grant year. *Submit comments to Amelia by Jan 3, as the final workplan will be submitted in mid-January as a grant deliverable.
- 2025 2029 strategic plan:
 - Alan Clark moved to discuss the strategic plan, Bob Vreeland seconded.
 - Members, alternates and staff discussed the strategic plan and made minor changes as a group. Discussion related to the kelp project, pinto abalone project, and future staffing and budget.
 - Bob Vreeland moved to approve with the agreed changes, Nancy Stephanz seconded. **The motion passed unanimously, adopting the 2025**-2029 strategic plan.
- Roles and responsibilities: *Members and alternates, please review the draft roles and responsibilities document attached to this month's agenda and provide comments to Amelia by January 3.
- Project development for the next biennium (9/2025 9/2027):
 - Thursday 12/19 will be an MRC lead staff meeting with details on project planning.
 - \$200k per year will be available for the next biennium. This is roughly \$100k per year for staff and \$100k per year for projects. Thinking big and spending more money per project will maximize impact while minimizing the load of reporting and coordination.
 - The MRC may establish a subcommittee for the purpose of project planning.
 - Project design "wheel" (handout) available for use at request of the NWSC Science Advisory Committee.

Discussion of next meeting date and agenda

- Next meeting: The meeting will take place on Thursday, January 16th due to the holiday. All
 meeting dates for 2025 are now available in agenda footers and on the MRC website. *<u>Members
 and alternates, please note these on your calendars.</u>
- *Call for new agenda items:* None at this time.

Public Comment

None at this time.

Good of the Order

None at this time.

Adjourn

Chair LaTrisha Suggs adjourned the meeting at 6:57.