CLALLAM MRC MEETING AGENDA

April 21st, 2025
5:30 p.m. – 7:00 p.m.
Hybrid Meeting

NEW Zoom meeting link: https://us06web.zoom.us/j/83769639254?pwd=FmcMflhkxw6df902xa2tsxu6UAHGVB.1
Meeting ID: 837 6963 9254
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

Public Comment on agenda items, *limited to 3 minutes per participant at the discretion of the Chair*

Approval of Minutes – March

Announcements

- Open MRC seats: member representing community At-Large, member & alternate for Makah Tribe, alternates for District 1 and Development Community
- New Zoom link for MRC meetings (see above)
- Annual report available here (October 2023 – September 2024)
- Clallam County Environmental Health seeking shellfish sampling volunteers
- Recap: Sequim Bay Yacht Club presentation Apr 9th (Alan), River & Ocean Film Festival Apr 12th (Rebecca), HAZWOPER & oiled wildlife training Apr 15th & 16th (Nancy and Rebecca)
- MRC Chair, Vice Chair & NWSC representative election at May 19th meeting
- Olympia oyster surveys: May 15th, 16th, 28th – contact Cathy if you'd like to survey
- NWSC: meeting in Clallam County May 30th
    - Opportunity for 20 minute project presentation: possibly Pinto abalone or Ediz Hook revegetation

Committee and Project Reports - *leads report only if an update is needed*

New or special business items

- Project selection for the next biennium (10/2025 - 9/2027)
    - Final selection of planned projects for May grant application
    - See attached spreadsheet for project information
- Shoreline armoring / 3 Crabs letter

Discussion of next meeting date and agenda

- Next regular meeting Monday, May 19
- Call for new agenda items

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

Public Comment *Limited to 3 minutes per participant at the discretion of the Chair*

Good of the Order

Adjourn

Clallam County DCD is inviting you to a scheduled Zoom meeting.
Join Zoom Meeting – NEW link
https://us06web.zoom.us/j/83769639254?pwd=FmcMflhkxw6df902xa2tsxu6UAHGVB.1

Meeting ID: 837 6963 9254
Passcode: 12345

One tap mobile
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+12532158782,,83769639254#,,,,*12345# US (Tacoma)

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

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

Excepted from the 25-27 NWSC Request For Proposals:

MRC-Led Projects

All proposed projects must be MRC led. **An *MRC-led project* is a project that has pre-determined goals, measurable results and meets each of the following criteria.** These criteria also apply to situations where an MRC is considering taking the lead on a smaller piece of a larger project with partners:

- **The project fills a need or gap identified and prioritized by the MRC, and/or the MRC would pursue the project independent of any project partners.**
- The project has been **adopted by the full MRC** through a majority vote or other mechanism outlined by the MRCs bylaws.
- **The project has a clear outcome and project deliverable that can be solely attributed to the MRC.**
- A member of the MRC or MRC subcommittee serves as the lead for the project.
    - An MRC lead is a member or a subcommittee that:
        - Serves as the primary point of contact and organizer/manager of a project.
        - They may also implement the project directly.
        - They assure the project stays on track, assure deliverables attributed to the MRC are achieved, and bring regular updates to the MRC.
        - The MRC lead also ensures that the project outcomes reflect MRC-specific priorities, even when part of a larger project.

Partnership definition

Projects that the MRC is doing in partnership with other entities should meet the following criteria for a project partnership. Projects and programs should be/have:

- Co-created: Each partner has input on the project or program at the start and throughout the project. **If the MRC is entering into the partnership after the project has started, mechanisms for MRC input on goals, objectives, strategies etc. must be clearly stated.**
- Mutually beneficial: In which each partner **identifies the benefit to their own organization's mission and goals that will be realized through participation as a partner.**
- Have clear actionable goals and objectives: Identified as part of the planning process.
- **Distinct partner roles: Establishes key roles and responsibilities for each partner.**

Project criteria (subject)

MRC projects must:

- Address one or more of the environmental goals of the Northwest Straits Initiative Strategic Plan.
- **Have a clear project goal identified by the MRC.**
- Clearly **identify measurable results**. Measurable results can be:
    - developed and proposed by the MRC
    - support or achieve one of the objectives in the strategic plan
    - associated with progress toward advancing ocean and shoreline actions in the Puget Sound Action Agenda.
    - **Be managed and carried out by the MRC and directly identified as a project of the MRC by all project participants.** Funding cannot pass through to support another organization's work or operations. If a sub-contract is necessary to carry out the project, the **sub-contractor must be working under the direction of the MRC project lead(s).**
- **Adhere to the Conflict of Interest policy included below (Page 9).**

Project criteria (procedural)

MRC projects must:

- Be able to be accomplished in the time period available and within the proposed budget (this may include additional secured funding referenced in application). If a project is one phase or component of a longer-term project, the full project should be described and the phase proposed for this funding cycle should be able to be accomplished within the time period available.
- **Include an evaluation plan that provides information to the MRC to determine whether the projects achieved desired outcomes.**
- Clearly distinguish project components where other funds will be pursued (grants submitted or planned to be submitted through another entity) to fund specific elements of the project. Clearly describe which elements of the project are to be funded by the MRC grant and which would be through other funding sources. Once MRC grants are awarded, contact NW Straits Commission staff before seeking additional funding sources for any project component.
- **If a continuing project, clearly identify how this work is different from previous years or describe why continuation of the same work is important.**

- Be reviewed and approved at a meeting of the full MRC and have an identified MRC member project lead.

Examples of projects that **do not qualify** for NWS Commission funding:

- One MRC member serves as a lead or partner on a project, but the **full MRC has not formally adopted the project as an MRC effort.**
- A proposal is made to support communications (such as signage, brochures, advertising, etc.) related to another organization's project where the **MRC is not a project lead or a lead on a project component,** as described in the definitions section in this policy.
- A project is proposed by another organization where the MRC would serve as a partner, but the **MRC itself does not have a specific role, mutual interest in the results (see project partnership definition), and no unique value brought to the project besides funds and/or volunteer time.** Further discussion would be needed with Commission staff to determine eligibility.
- A project that **does not have an MRC member leading the project** as described in the MRC-led project section.
- The MRC is proposing to be a partner on a large-scale project where there is **no distinct role (phase or project component) that the MRC can lead.** In other words, there are no outcomes or deliverables that can be solely attributed to the MRC. The work would have continued, the only contribution was MRC funds.
- A project is proposed where the **MRC's contribution is not essential to the completion of the project or project component.** Further discussion would be needed with Commission staff to determine eligibility.

Examples of projects that **do qualify** for NWS Commission funding assuming all criteria under the definitions section are met:

- Another entity develops a project and the MRC joins as a partner OR the MRC is a partner on a large-scale or ongoing project, where the **MRC has a mutual interest in the project results and a distinct role to lead.** (MRCs should use caution in partnering on large=scale projects, as the overall timeline may be outside MRC control and therefore impact the MRC component timeline.)
- **The MRC formally adopts the project,** and one or more member(s) serves as champion/lead, and maintains ongoing communication with the full MRC about the project.
- **The MRC collaborates with another partner (or partners) to develop and carry out a project. The partner organization serves as administrative lead, while the MRC maintains a key role in managing the project or element of the project.**

- **The MRC carries out a distinct phase of a project independently** (e.g. feasibility assessments), while another entity completes other phases (e.g. construction).
- An **MRC and partners carry out shared communications for a mutual project.**

Project: Nearshore Restoration at Co-managed Wildlife Refuges

Project Plan

Goal: Restore nearshore habitat at the Jamestown S'Klallam Tribe's co-managed Dungeness and Protection Island National Wildlife Refuges

Participants: MRC members, MRC staff, Jamestown S'Klallam Tribe (JST) refuge staff

Activities: Remove over 10 acres of invasive vegetation, nearshore restoration plantings; monitor; report

Year 1 – Organize volunteer crews to participate in hand pulling and/or mechanical removal of invasive Dalmatian toadflax and non-native grasses from sand spits and salt marsh habitat on National Wildlife Refuges

Year 2 – Continue removal efforts in late spring. Plant with native species.

Outputs: Removal of invasive vegetation, native vegetation plantings

Outcomes: The removal of non-native invasive vegetation will reduce competition with native species, enhance nearshore habitat quality and availability, and strengthen ecosystem structure and function. These restoration efforts will improve the ecological resilience of the co-managed National Wildlife Refuges, supporting long-term habitat health. Additionally, the project will foster community engagement by providing volunteer opportunities that connect people to conservation efforts and promote stewardship of these vital ecosystems.

Resources Required

Estimated time commitment for MRC volunteers: 5 days to participate in invasive vegetation removal efforts and 2 days to participate in plantings

Estimated time for partners: 40 hours

Estimated time commitment for MRC staff: 6 hours / month first year, 4 hours / month second year

Jamestown S'Klallam Tribe staff: 80 hours

Estimated cost: $15,000

Questions & Comments

- The project areas—Graveyard Spit on the Dungeness National Wildlife Refuge and Violet Spit on Protection Island Wildlife Refuge—serve as critical habitat for marine mammals, seabirds, and shorebirds.
- Invasive vegetation, such as Dalmatian toadflax (a Washington State Class B Noxious Weed) and non-native grasses, can restrict wildlife mobility and reduce available foraging areas.
- To protect these sensitive habitats, removal efforts will focus on hand-pulling and mechanical methods like digging, ensuring minimal disturbance to native species. Biological control methods will not be used.
- The project will engage existing volunteers from the Dungeness and Protection Island Refuge Management Program, fostering hands-on stewardship and strengthening community involvement in conservation efforts.

Nearshore Restoration submitted by Chris Burns

Clallam MRC Derelict Crab Pot Removal

Training and education within Clallam County on extracting derelict pots for continued seafloor clean-up and protection of native crab species.

MRC Leads: Chris Rumple, Ioana Bociu
Partners/Advisors: Jason Morgan - Northwest Straits Commissions, Phil Parisi - Remote Coast Systems, Ben Griner - Coastal Sensing and Survey, Kara Cardinal - Inner Space Center
Timeline: Oct 2025 - Sept 2027 (update with MRC fiscal years)
Total Budget: $25K

Year 1 - Establish

Dates: Oct 2025 - Sept 2026
Cost: $10K
Time/Effort: Chris Rumple (60hrs/yr), Ioana Bociu (60hrs/yr), 1x Intern (1-3credits),
Assets: Renting / Contracting equipment

Key Activities:

1. **Permits and Procedures.** The MRC will lead an effort to obtain a derelict gear removal permit for the Washington Division of Fish and Wildlife (WDFW). Additionally, procedures for extracting and disposing/recycling gear should be established. Generate Quality Assurance Project Plan (QAPP) for data collections.
    a. Permit Fee = $1000
    b. Intern supports this task
2. **Historical Data Review.** There is significant data available regarding derelict crab gear removal on the Olympic Peninsula. Information/data on where crab pots have been previously extracted from, crabbing hot spot areas [REBECCA MAHAN], proper and derelict gear removal methods with ROVs, available side scan data of the area should be conglomerated. With that data bank, top areas to focus on for derelict gear extraction should be identified.
    a. Software, Data Fee = $500
    b. Intern supports this task
3. **Side Scan Survey.** Side scan sonar surveys should be performed in areas identified by Task 1. These surveys should pinpoint crab pot targets, and where an ROV could be used to extract these targets. The MRC will contract this task out to partners.
    a. 3 days of Sidescan Surveys, Cost = $3000
    b. Data processing and data product = $1500
4. **Initial Derelict Pot Removal.** An ROV - ideally, from land/piers/docks - will be used to extract crab pots. The ROV will be equipped with a gripper that holds a large fishing

hook with a separate line; the ROV sets the hook in the pot and the topside team hoists the pot while the ROV swims away. The MRC will contract this task out or purchase/rent their own equipment.
    a. 3 ROV Removal Days, Cost = $3000
    b. Misc. Supplies (tools, nets, lines), Cost = $500

5. **Outreach**. The MRC will present to the public on safe fishing practices, derelict gear, and the recent removal efforts. Footage, data, and learning from Year 1 will supplement the presentation. Coordinate with Feiro Marine Science Center.
    a. Outreach Supplies, Cost = $500

Y1 Deliverables
- Historical data review of side scan surveys and crab pots pulled
- Sidescan maps of crab pots at local areas
- Map of where crab pots were removed (GPS locations)
- Maps of embedded crab pots (not removed), entanglement hazard
- Y1 Project Report with Data, Results, and Future Recommendations
    - Recommendation of whether to purchase ROV or continue renting/contracting

Year 2 - Extend

Dates: Oct 2026 - Sept 2027
Cost Y1: $15K
Time/Effort: Chris Rumple (60hrs/yr), Ioana Bociu (60hrs/yr), 2x Interns (1-3credits),
Assets: Renting / Contracting equipment

Key Activities:

6. **Renew Permits.** Renew WDFW permits as needed.
7. **MRC ROV Procurement.** Based on lessons learned from using contracted gear, the MRC will decide on which technology to procure in order to continue the program. This could include an ROV, ROV-based side scans, and other equipment.
    a. ROV Cost = $8000
        i. ROV, Newton gripper, tether, tether spool, lights, controller
    b. Field Laptop = $1500
    c. Replacement components Cost = $500
    d. Note: if ROV + Laptop are not purchased, funds will be allocated to renting/contracting ROV equipment
8. **Intern Hiring.** An intern should be hired in order to manage and maintain the equipment. This intern will receive training on crab pot removal techniques.
9. **Outreach.** The MRC will lead an effort to get the public to attend ‘live crab pot removal’ demonstration events. This is an opportunity for the intern to be trained and begin working with the community.
    a. Cost = $500

10. **Continued Pot Removal.** The intern will plan, coordinate, and perform derelict pot removals. The program is encouraged to grow to a small number of diverse pilots in order to ensure a local team persists.
11. **Additional Side Scan Surveys.** As needed, conduct additional side scan surveys of areas of interest to determine derelict gear presence.
    a. 3 days of Sidescan Surveys, Cost = $3000
    b. Data processing and data product = $1500
12. **Partnering with Local Organizations**. To promote the growth of a robotics club or equivalent. This club would is to take on the responsibility of this project post MRC, thus allowing the public to become active in stewarding local waters.

Y2 Deliverables

- Transition Plan for future work to enable local organizations to lead Crab Pot Efforts
- Sidescan maps of crab pots at local areas
- Map of where crab pots were removed (GPS locations)
- Maps of embedded crab pots (not removed), entanglement hazard
- Y2 Project Report with Data, Results, and Future Recommendations

General Notes

1. Every hour of data collect can take up to ½ hr of data processing.
2. ROVs are hard to insure (not a common asset), self-insuring is common.
3. Phil Parisi will not allow use of his ROV without him present (e.g. no renting, must be a contracted day).
4. ROV Maintenance: 1hr of maintenance per usage to clean and store
    a. See official guide https://bluerobotics.com/learn/bluerov2-operation/#storage-between-dives
    b. PNNL ROV operated for 1yr, no replacement parts
    c. Likely need replacement gripper components

Figures

Figures are from Phil Parisi joining Ben Griner aboard R/V Phoenix for a day of pot pulling.

Figure 1. ROV with gripper, holding large fish hook and separate line aboard R/V Phoenix.

Figure 2. ‘Live’ ROV video feed of a derelict crab pot aboard R/V Phoenix.

Figure 3. Successfully extracted derelict crab pot aboard R/V Phoenix.

Ediz Hook Debris Removal

Potential partners: City of PA Recreation Department (contact: Tim Tucker)

Submitted by Allyce Miller, representing Lower Elwha Klallam Tribe

The recreation department of the city wants to remove a lot of the concrete, asphalt, metal, and trash pieces that are littering the shoreline of Ediz Hook. You can see the attached picture to get an idea. These pieces are falling out of the shoreline as it erodes, and many pieces are already exposed. The city will supply the heavy equipment and operators to remove the big pieces. We thought the MRC could get involved by:

1) Funding the disposal of the concrete and asphalt at local disposal (~$10k)
2) Organizing a volunteer event to pick up smaller pieces of asphalt and concrete ($0)
3) Planting any heavy equipment access scars with native beach plants (~$1k)

This budget needs to be refined as we figure out what cultural compliance is needed and how much there is to be disposed. This $11k is a rough estimate for now. There's always the option of looking for other funding sources if significant cultural compliance or there is a lot to dispose of.

[Tim Tucker] also shared some long-term goals of taking out some asphalted parking and condensing parking options a bit more by the rowing club because that parking area asphalt is fast-eroding into the strait. That part still needs time and planning, so it's not ready to bring forth into the project proposal now, but FYI it is something to look forward to down the line if MRC wants to play a role.

Estimated time commitment for MRC staff: 45 hours total

Ediz Hook debris removal submitted by Allyce Miller

Project: Elwha River Stewardship

Project Plan

Goal: To protect and improve water quality, contribute to nearshore habitat and species protection, and encourage community stewardship.

Participants: MRC members, MRC staff (Surfriders are affiliated with this project as they are paying for a second Sanikan in the parking lot).

Activities: Maintaining the dog waste station refilling dogi bags twice a month. Counting cars in the parking lot to estimate number of 2024-25 visitors. Paying Bill Plumbing for maintaining the Sanikan on the dike.

Outputs: Contract with Bill Plumbing; Purchase and distribute more than 5,200 dogi bags per year; Weekly maintenance of a well-used Sanikan (per Bill's Plumbing).

Outcomes: Provide sanitary facilities for more than 50,000 people and 9,700 dogs based on 2023-24; In addition, hundreds of students use the beach as an outdoor classroom (not part of the visitation estimate).

Resources Required

Estimated time commitment for MRC volunteers: 2-3 hours per month or 24-36 hours per year to maintain the dog waste station based on driving distance from Port Angeles. 20 hours to write the annual project report. Total 44-56 hours per year.

Estimated time for partners: don't know Surfriders time commitment.

Estimated time commitment for MRC staff: 4 hours / month

Estimated cost: $3,200 annually – total $6,400

Questions & Comments

- Do we want to find a cost sharing partner? (based on a question raised during the project discussion in 2023).

Elwha River Stewardship submitted by Helle Andersen

Forage Fish Monitoring

Working in collaboration with the NWSC and Washington Department of Fish and Wildlife (WDFW), Clallam MRC will continue to monitor forage fish spawning on a monthly basis at 4 locations Cline Spit, Ediz Hook and beaches East and West of the Elwha River Mouth. The mouth of the Elwha River is a restoration site to and documenting forage fish use is invaluable information on temporal and spatial spawning trends by forage fish in Clallam County.

Vision/Goals: What is the vision/ultimate goal of the work? (How are you hoping the ecosystem and/or the community will change because of this project and other efforts? *

The project supports a larger Commission -sponsored forage fish monitoring program that provides a better understanding of the spatial and temporal distributions of forage fish spawning activity within the Salish Sea. The goals of the project are: document forage fish spawning events and build partnerships with tribes through shared project collaboration. The ultimate goal is to have accurate spatial population data for forage fish populations. We also hope to educate the public and County officials about the importance of forage fish .

Participants and Partnerships: Participants and Partnerships: Please include any participants and partners directly involved with the work. If none, insert n/a.

Partners include: WDFW, NWSC and Lower Elwha Klallam Tribe are our project partners.

Activities - Briefly describe the main activities of your project. (The tasks and actions - science, monitoring, training, presentations, etc. accomplished by the project.

The Clallam MRC will continue monthly sampling of forage fish at Cline Spit, Ediz Hook and East and West beaches of the Elwha River. The project leads will also give a yearly public presentations at a MRC meeting and Board of County Commissioners meeting and school groups.

Outputs - What are the expected outputs of this project?

This project supports a regional project that monitors forage fish spawning habitats in the Salish Sea. The information will also provide a better understanding of forage fish ecology this knowledge will help to provide management decisions.

Outcomes - How will the activities and outputs measurably further the goal(s) of the project. (Short-term changes you envision happening as a consequence of this work or things you might start to see within the timeline of the project.

This project is part of on going forage fish monitoring so we hope to collect valuable forage fish spawning events. This data will play a role in the bigger WDFW database documenting status and trends.

Does your proposed project involve education and outreach? Yes

Does your project involve monitoring? Yes

What monitoring protocols will be used? Will the data affect a decision about marine resources? Where will the monitoring data go? Are the data contributing to a larger baseline data set?

WDFW forage fish sampling protocols will be used. The monitoring data could affect a decision about marine resources. The monitoring data will go to WDFW and contribute to their larger baseline data set.

Does your project involve restoration? Yes

Are there any permits required? If so, what are their status? Who has ownership of the project site? Has a cultural assessment of the site been completed (if applicable)? Is there any ongoing maintenance associated with the project? Permits are complete LEKT has ownership of East Elwha beach and we have a current science collection permit with the Tribe. No ongoing maintenance.

Please provide a list of deliverables (if applicable): **previous grant's information*

Year one forage fish Quality Assurance Project Plan addendum 1/14/2024

Year two Forage fish Quality Assurance Project Plan Addendum 1/14/2025

Estimated time commitment for MRC staff: 3 hours / month

HAZWOPER / Oiled Wildlife Response Training

Hazardous Waste Operations and Emergency Response/Oiled wildlife training: conduct workshop trainings for volunteers on marine stewardship and protection topics such as Hazardous Waste Operations and Emergency Response (HAZWOPER) and oiled wildlife response.

Budget: $7,000 / year

1. Coordinate with partners, plan, advertise, and conduct at least two workshop trainings for volunteers on marine stewardship and protection topics such as Hazardous Waste Operations and Emergency Response (HAZWOPER) and oiled wildlife response.

2. Record the trainings and make them accessible online.

Where applicable, the RECIPIENT must request and receive written approval in advance by ECOLOGY's Project Manager for reimbursement(s) for meals or light refreshments. Approved request forms must be submitted with the corresponding Payment Request/Progress Report (PRPR) in EAGL.

Task Goal Statement

The goal of this project is to train local residents in Hazardous Waste Operations and Emergency Response (HAZWOPER) and oiled wildlife response in the event of an oil spill.

Task Expected Outcomes

The expected outcomes of this project are that at least 80 participants will be trained, and four recorded training presentations will be posted on the RECIPIENT's website.

Deliverables

4.1. 2024 Training plan and recruitment materials. Upload in EAGL. 1/15/2024

4.2 Meal approval form (if applicable). Submit to ECOLOGY Project Manager for approval prior to each meeting. Submit approved copy with each Payment Request/Progress Report (PRPR). 1/15/2024

4.3 2024 Project final report including summary of trainings, list of trained participants, photos, and links to recorded sessions. Upload in EAGL. 12/31/2024

4.4 2025 Training plan and recruitment materials. Upload in EAGL. 1/10/2025

4.5 2025 Project final report including summary of trainings, list of trained participants, photos, and links to recorded sessions. Upload in EAGL.

Estimated time commitment for MRC staff: 5 hours / month on average

Project: Kayak Kelp Surveys (Freshwater Bay and Clallam Bay)

Project Plan

Goal: The goal of this project is to enhance connections with the new Marine Discovery Center through adoption of educational displays specifically on kelp and eelgrass and local occurrences/ trends. Project would also describe Clallam MRC and Northwest Straits Commission efforts to monitor, survey, and restore (future) eelgrass and kelp along the Strait of Juan de Fuca.

Participants: MRC project lead and co-lead; Volunteer for Kayak Survey at Freshwater Bay and Clallam Bay

Activities:

- Attend kayak safety meetings
- Work closely with NWSC kelp project coordinator Jeff Whitty
- Participate in Kelp Kayak meetings 4X
- Review year's data with Jeff Whitty and NWSC staff at end of season.
- Process data and get info to NWSC at end of season

Outputs:

- GPS tracks of monitored kelp beds at Freshwater Bay and Clallam Bay
- Submission data sheets and observations of kelp bed

Outcomes:

Marine Resources Committees (MRCs) in Clallam, Jefferson, Island, San Juan, Snohomish, Skagit and Whatcom counties will complete annual surveys of canopy producing kelp bedsusing a field tested, boat-based protocol developed to track the density and distribution of local bull kelp populations. Surveys are done during the peak of annual growth in JuneSeptember.

Resources Required

Estimated time commitment for participants:

- **MRC project lead:** 40 hours
- **MRC project co-lead:** 40 hours
- **MRC staff:** 3 hours / month average

Estimated contract cost: $2,500 (?)

Kelp monitoring submitted by Alan Clark

Project: Olympia Oysters

Project Plan

Goal: Jamestown S'Klallam Tribe will work with the Clallam County Marine Resources Committee's Olympia Oyster Restoration Lead and Clallam MRC Coordinator to plan, coordinate and implement the Olympia Oyster Population Surveys.

Participants: MRC members, MRC staff, Jamestown S'Klallam Tribe staff

Activities: Monitor growth and survival of Olympia Oyster restoration efforts in Sequim Bay through the performance of population surveys.

Outputs: Agreements with partners; Monitor Olympia Oyster population, growth and survival on previously restored Olympia Oyster beds in Sequim Bay.

Outcomes: Approximately 1.5 acre of Olympia oysters are monitored

Resources Required

Estimated time commitment for MRC volunteers: 3 days to survey habitat

Estimated time for partners: 30 hours/yr

Estimated time commitment for MRC staff: 3 hours / month average

Estimated cost: $2704.20/yr

Questions & Comments

- Cost variable depending on survey conditions and County and Tribal staff time.
- Will surveys continue beyond 2025?
- Clarify future goals for the site with Jamestown S'Klallam Tribe staff
- Not open to community volunteers, only MRC members (policy of the Tribe + muddy conditions)

Olympia Oysters submitted by Chris Burns

Project: Pigeon Guillemot Nesting Monitoring for 2025

Project Plan

Goal: Monitor Pigeon Guillemot (PIGU) nesting season as an indicator species of nearshore health.

Participants: MRC members, Olympic Peninsula Auditor Society (OPAS) members and public participants.

Activities: Visual monitoring of PIGU spring through summer nesting activities, including feeding and disturbance behaviors and nesting success.

Outputs: Agreements with OPAS partner for refresher training of returning volunteers (or new training for novice observers paired with seasoned observers).

Outcomes: Continued monitoring efforts (since 2016) for Clallam County PIGU colonies along the Straits of Juan de Fuca.

Resources Required

Estimated time commitment for MRC (or OPAS and/or public) volunteers: 1-2 hours per week from June to August (unless extended due to continued PIGU burrow activity into September)

Estimated time for partners: Minimum of 10 weeks of survey time.

Estimated time commitment for MRC volunteer leads (Ed Bowlby and Mary Sue Brancato): 100 hours

Estimated time commitment for MRC staff: 3 hours / month average

Estimated MRC cost: $200-$500, depending if OPAS cost-shares this project with MRC for 2025 (looking more likely in 2025).

Questions & Comments

Cost variable depending on whether OPAS cost shares with MRC. This is looking more likely in 2025. This is a contribution to the Salish Sea Guillemot Network coordination effort with the Washington Department of Fish and Wildlife Survey123 data management system.

Pigeon guillemot monitoring submitted by Ed Bowlby

PINTO ABALONE: PROJECT PROPOSAL TO CONTINUE WORK IN FY 2026-2027

Goal: Restoration of Sustainable Pinto Abalone Populations in the Strait of Juan de Fuca

Participants:

Organization	**Role and Responsibility**
Clallam County Marine Resources Committee (CCMRC)	Project oversight, participation in diver surveys and data collection, education and outreach
Puget Sound Restoration Fund (PSRF)	Manages project planning and implementation, conducts dive surveys, coordinates with CCMRC liaison, creates reports and manages data
Washington Department of Fish and Wildlife (WDFW)	Technical guidance, diver survey vessel support, as needed
Local support vessels	Support for dive surveys, as needed
Local scientific divers	Support for dive surveys, as needed

Activities:

- **Synoptic diver surveys along the Strait of Juan de Fuca (Strait) following standardized abalone survey protocols to document existing remnant abalone populations, identify potential index sites for long-term monitoring, assess areas of interest for future restoration efforts that include outplanting of laboratory-cultured juvenile abalone.**
- **Education and outreach to local Clallam County government and citizens on the importance of abalone to contribute healthy subtidal ecosystems.**

Outputs:

- **Potential improvements to PSRF/WDFW abalone survey protocols for use in the Strait.**
- **Creation of maps and survey data showing the locations of remnant populations (with limited distribution disclaimer).**
- **In collaboration with PSRF and WDFW, identification of possible locations for index sites and potential outplanting locations for abalone monitoring and restoration.**
- **Developing of briefing documents and presentation material for Clallam County government and citizens that highlight the importance of abalone restoration.**

Outcomes

- **Successful completion of this project may result in the restoration of self-sustaining populations of pinto abalone to areas along the Strait where they were extirpated by recreational harvesters.**

- **At a minimum, results from these surveys will provide valuable population data on this state-listed endangered species along the Strait of Juan de Fuca that can be used to inform marine stewardship activities, including oil spill response planning,**

Estimated budget: $30,000 / yr for 8 dives

Estimated time commitment for project lead: 60 including boat time

Estimated time commitment for project co-lead: 10 if boat time not needed

Estimated time commitment for MRC staff: 3 hours / month average

New	Existing	Project Name	MRC Lead	MRC Co-Lead	Team Members (Add'l)	Partner(s)	Annual Cost	Total Project Cost	Category	Lead Hours	Partner Agency Hours	Volunteers (MRC/Community)	Staff Time (1 to 3)	Notes
X		**Nearshore Restoration at Co-Managed Wildlife Refuges**	Chris Burns	Ioana Bociu	Dann May	Jamestown S'Klallam Tribe, National Wildlife Refuge	$ 15,000.00	$ 15,000.00	Revegetation/Invasive Species	80	40	Restoration - planting	3	
X		**Ediz Hook Debris Removal**	Allyce Miller	To be determined	Mike D, Dan, Chris	City of PA, Elwha Klallam Tribe	$ 11,000.00	$ 11,000.00	Debris Removal (Restoration)				2.5	
X		**Derelict gear removal (includes Blue ROV)**	Chris Rumple	Ioana Bociu	Jeff Ward	Phil Parisi	$ 15,000.00	$ 30,000.00	Restoration			Potential pot removal, outreach	3	
	X	**Elwha River Stewardship**	Helle Andersen	Dann May		Surfriders (sponsor another Sanikan)	$ 3,700.00	$ 7,400.00	Stewardship (Monitoring / Restoration / Education & Outreach)			Provide doggie bags, beach use surveys (people & dogs)	2.5	QAPP? Turn over to another entity?
	X	**Olympia Oyster Monitoring**	Chris Burns	Lyn Muench		Jamestown S'Klallam Tribe	$ 1,500.00	$ 3,000.00	Monitoring	60		6 days - field monitoring on mudflats w/ JST staff	1.5	
	X	**Pigeon Guillemot Nesting Monitoring 2025**	Ed Bowlby	Mary Sue Brancato	Alan Clark?	Olympic Peninsula Auditor Society (OPAS), Salish Sea Guillemot Network/WDFW	$ 800.00	$ 1,600.00	Monitoring	28	400	Colony monitoring, 1 hour per week 10+ weeks in summer	2	
	X	**Pinto Abalone**	Jeff Ward	Alan Clark		Puget Sound Restoration Fund/WDFW (possibly Feiro Marine Life Center for future	$ 30,000.00	$ 60,000.00	Monitoring (possible future outplanting)				1	
	X	**HAZWOPER / oil spill response trainings**	Nancy Stephanz	Ed Bowlby		Contractor to give training	$ 7,000.00	$ 14,000.00	Education & Outreach				2	
	X	**Forage Fish**	Alan Clark	Chelsea Korbulic / Ed Bowlby (tentative)		WDFW, NWSC	$ 500.00	$ 1,000.00	Monitoring			Monthly sampling	2	
	X	**Kelp Monitoring**	Alan Clark	Chelsea Korbulic		NWSC	$ 2,500.00	$ 2,500.00	Monitoring			Trained kayak volunteers perform	2.5	
	X	**Education & Outreach**		Bob Vreeland			$ 2,000.00	$ 4,000.00	Education & Outreach			Festival tabling, setup, breakdown	2.5	2 festivals max, or possible subcommittee
	X	**Advisory Work (possible subcommittee)**	Ann Soule		Bob Vreeland?				Advisory			Researching, gathering/drafting comments, scheduling	2	
	X	**Travel & Training**											1.5	
	X	**(County admin unrelated to specific activities)**						$2,500					2	Budget for storage unit
							Total Funding Ask	$ 152,000.00						