

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

January 18, 2017 6:30-8:30PM
3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor

<p>MRC Members Present Franchesca Perez Traci Sanderson Paul Clampitt Mike Ehlebracht Cathy Stanley Susan Tarpley Sarah Brown</p> <p>Absent Bob Hillmann (excused)</p>	<p>Staff, Presenters, and Others Kathleen Pozarycki, Snohomish County MRC Lead Staff Elisa Dawson, Snohomish County MRC Planner</p> <p>Laura Gurley, Port of Everett Deb Hopkins, Citizen Tom Doerge, Citizen Thomas Murphy, Edmonds Community College Neal Endacott, Edmonds Community College</p>
<p>Summary of Decisions</p> <p>The MRC approved the November 16, 2016 MRC Meeting Summary.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • Forage Fish Monitoring scheduled for February 14, 2017 • February 15, 2017 MRC monthly meeting cancelled • February 16, 2016 MRC annual retreat at the Port of Everett’s Blue Heron Room from 4-8PM • Feb 4, 2017 Sound Waters University • February 7, 2017 Starlight Walk in Edmonds • March 18, 2017 Oiled Wildlife Hazwoper training in Everett 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:35pm. Franchesca introduced the following four new MRC Member nominees who are awaiting Snohomish County Council appointment: Laura Gurley, Port of Everett; Tom Doerge, retired agronomy research scientist; Deborah Hopkins, candidate for Masters in Public Policy at the University of Washington, and Craig Wollam, Snohomish County Beach Watcher (out sick tonight). Franchesca introduced Tom Murphy and Neal Endacott, archaeology faculty members at Edmonds Community College.

Approval of MRC Meeting Summary

Mike Ehlebracht made a motion to approve the November 16, 2016 MRC Meeting Summary. Paul Clampitt seconded the motion. There was no discussion. All were in favor and the motion passed.

Executive Committee Elections

Franchesca announced the potential candidate list for the Executive Committee. The list is as follows: Franchesca Perez, Chair; Sarah Brown and Traci Sanderson, Co-Vice Chairs; Paul Clampitt, NWSC Representative; Mike Ehlebracht, NWSC Alternate. Susan Tarpley made a motion to approve the Executive Committee as proposed. Cathy Stanley seconded the motion. There was no discussion. All were in favor and the motion passed.

Creosote Removal Project Update

Kathleen gave a general background on the MRC's Near Term Action (NTA) for Creosote Piling Removal in the Snohomish Estuary that was recently awarded a \$50,000 grant from the Snohomish-Stillaguamish Local Integrating Organization (LIO). Kathleen passed out a map that shows the location of creosote pilings created by Zach Brown of Snohomish County Surface Water Management. Zach created the map using GIS layers provided by the Washington Department of Natural Resources (DNR) and the Tulalip Tribes. The map shows that an estimated total of 667 acres of the estuary are impacted by the pilings. Snohomish County staff completed two days of initial surveying on January 11 and 12, 2017. After the initial surveying, there were questions about how to gather data in an efficient and effective way. In particular, it was hard for survey staff to determine whether a piling was creosote treated. Kathleen reported that she would schedule a conference call with Chris Robertson from DNR to get some clarification on protocols used by DNR for these types of projects, and ask questions. Kathleen solicited any suggestions or ideas from the MRC. Laura Gurley noted that she was aware of a survey done by the Ocean Research College Academy (ORCA) School located at the Port of Everett that mapped osprey nests on pilings. She will reach out the ORCA School for their survey data and provide it to the MRC staff.

Kathleen reported on the draft grant for United States Fish and Wildlife Service (USFWS) Puget Sound Coastal Program (PSCP) that Surface Water Management (SWM) staff worked to develop to provide additional funding for the creosote removal project. a. Kathleen shared an email from SWM Director Will Hall explaining that he would like to get a clearer picture of the regional strategy for creosote removal prior to applying for this or other grants. He emphasized the importance of having an opportunity for all the partners interested in creosote pile removal in the Snohomish Estuary including DNR, the City of Everett, the Port of Everett, and local tribes, to come together to discuss roles, responsibilities, funding, and implementation for a large scale project. MRC members also noted the importance of figuring out ownership in areas where the pilings are located. Kathleen reported that while this grant application wasn't used for this round of funding, the goal is to submit it for future applications which use the same application form. For now, the MRC will continue to keep moving forward with the LIO funds that we currently have. Kathleen has a call with the LIO funding team tomorrow to develop the scope of work.

MRC Work Plan for 2017

- **Select Date for Retreat** - The next MRC meeting is scheduled for Feb. 15th. The MRC agreed to cancel this meeting in lieu of holding the Annual Retreat. Elisa will send out a Doodle Poll for members to give their availability for February 16th or 21st from 4-8MP. A catered dinner will be provided. Laura Gurley will check on the availability of the Blue Heron Room at the Port of Everett for the retreat location.
- **Draft Work Plan** – The MRC Annual work Plan is due to the Northwest Straits Commission (NWSC) on Feb. 28th. One of the main goals of our retreat will be to develop a draft of this plan. The MRC will need to discuss continuing existing projects, as well as considering what project might be feasible for the MRC grant for the upcoming year. The MRC will also need to plan for Kathleen's maternity leave, June 3-September 4th.

Crabber Education Plan for Summer 2017

Paul reported that the educational materials for crabber education remaining for 2016 need to be inventoried before crab season. Paul and Susan are willing to come to the Snohomish County offices to help count materials. Laura Gurley reported that she might have materials she can drop off at Snohomish County. MRC staff will set up a time with Paul, Susan, and Bob to inventory materials and determine what additional materials are needed.

Snohomish County Shoreline Master Plan Update

Kathleen reported that Snohomish County Planning and Development Services (PDS) is in the early stages of scoping the next update of the county's Shoreline Management Program (SMP) due in 2019. Currently, PDS is collecting data to inventory and characterize the county's shoreline areas. Beginning in February, they will be reviewing shoreline policies in the SMP and regulations in Chapter 30.67 SCC. PDS is requesting any improvements to the shoreline code that staff may like to have considered. Kathleen solicited help from the MRC, and asked if any members were interested in looking through the SMP and providing feedback on shoreline policies, regulations, and implementation of the SMP. Franchesca noted the importance of the update and emphasized that involvement in this process is an important opportunity for this group to have input on shoreline regulations moving forward. A brainstorming session for select staff is scheduled on February 21, 2017. Kathleen handed out copies of the SMP, and the MRC members decided to break the document into sections for review.

Forage Fish Monitoring/ Blue Bowl Method

Elisa thanked the MRC for their participation so far in forage fish sampling. Since the last meeting, the MRC successfully collected all the December 6, 2016 and January 17, 2017 forage fish samples. Elisa shared the data results for forage fish eggs from September 2016 through December 2016. Forage Fish eggs were present at one or more Howarth Park locations each month. In December 2016, forage fish eggs were present at all the beach nourishment sites. Elisa confirmed the February dates and sign ups. Paul is unable to sample at Picnic Point and Meadowdale on the February 14 date that was scheduled for the boat and Howarth Park team. Picnic Point and Meadowdale will be sampled February 10 instead. The MRC will work to train additional volunteers comfortable with locating sample sites at Meadowdale and Picnic Point in February with help from Paul.

Sample Date for Boat and Howarth Park: Feb 14, 2017

Meet at 1:00PM at Howarth Park Beach

Volunteers: Franny, Cathy, Max, Sarah, Mike, Tom

Sample Date for Meadowdale and Picnic Point: Feb 10, 2017

Meet at 9:30AM

Volunteers: Paul, Deborah

Announcements

- Paul reported that the NWSC hired a new Executive Director, Rich Childers.
- Paul attended the last Snohomish-Stillaguamish LIO meeting on January 5, 2017. Puget Sound Partnership Strategic Initiative leads attended the meeting and answered questions from LIO Members. Paul reported that the future funding is uncertain, and the group is discussing restructuring the LIO.
- Kathleen announced that the storm surge water level monitoring device has not been installed yet due to technical difficulties. The device must be installed before the end of the month. Continued effort needs to be made to encourage citizen science volunteers to use the MyCoast app. Staff are working on a Quality Assurance Project Plan (QAPP) required by the MRC Grant.
- Approximately 50 people attended the Mukilteo Starlight Beach Walk. City of Mukilteo, Snohomish County Beach Watchers, and the Snohomish MRC hosted the event.
- Edmonds Starlight Beach Walk will be held on Tuesday, February 7th, 2017.
- Kathleen asked the MRC to review the Oil Spill Stakeholders Contact List
- There will be an Oiled Wildlife Hazwoper training in Everett March 18, 2017.

Running List of MRC Actions:

- MRC staff will follow up with Bob, Paul, Susan, and Laura for gathering and inventory of all crabber education materials.
- Susan, Paul, and Bob will follow up with Chrys Bertolotto to schedule a meeting with the Beach Watcher team that is supporting the project.
- MRC members should get edits to the Oil Spill Stakeholder Contact sheet to Kathleen. Kathleen will update the spreadsheet.
- MRC members volunteered to help with forage fish monitoring at Picnic Point, Meadowdale and Howarth Park. Elisa will coordinate with volunteers on logistics for monitoring.
- Elisa will follow up on the placement of the installation of the interpretive signs with the Port of Everett.
- Laura will look into reserving the Port of Everett Blue Heron room for the retreat.
- Elisa will send out a doodle poll to select the retreat date.

The meeting adjourned at 8:37 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

**February 16, 2017 4PM-8PM
Port of Everett Blue Heron Room
1205 Craftsman Way, Everett, WA 98201**

<p>MRC Members Present Franchesca Perez Bob Hillmann Mike Ehlebracht Cathy Stanley Susan Tarpley Sarah Brown Laura Gurley Deborah Hopkins Tom Doerge Craig Wollam</p> <p>Absent Paul Clampitt (excused) Traci Sanderson (excused)</p>	<p>Staff, Presenters, and Others Kathleen Pozarycki, Snohomish County MRC Lead Staff Elisa Dawson, Snohomish County MRC Planner</p> <p>Lucas Hart, NWSC Marine Program Manager Rich Childers, NWSC Executive Director</p>
<p>Summary of Decisions</p> <ul style="list-style-type: none"> • January 18, 2017 MRC Meeting Summary was approved • Traci Sanderson will serve as MRC Website Coordinator with Deborah Hopkins serving a support role 	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • March 15, 2017 forage fish sampling at index site at Howarth Park • March 18, 2017 Oiled Wildlife Hazwoper training in Everett • February 23/24, 2017 Northwest Straits Commission Retreat 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 4:15pm. Snohomish County Council appointed Laura Gurley, Deborah Hopkins, Tom Doerge, and Craig Wollam to serve on the MRC on February 15, 2017, and they are now official MRC members. Franchesca introduced Rich Childers, the new Northwest Straits Commission Executive Director, and Lucas Hart, the Northwest Straits Commission’s Marine Program Manager. Franchesca asked everyone to go around the room, introduce himself or herself, and share why they are serving on the MRC.

Approval of MRC Meeting Summary

Sarah Brown made a motion to approve the January 18, 2017 MRC Meeting Summary. Mike Ehlebracht seconded the motion. There was no discussion. All were in favor and the motion passed.

Team Building/Ice Breaker

Due to time constraints, the MRC decided to forego the team-building icebreaker at this time.

Retreat Goals

Franchesca Perez read the MRC's vision and mission statement as follows:

Vision: "A healthy, enduring marine ecosystem in Snohomish County which contributes to the overall health of Puget Sound and which is shared and protected by all."

Mission Statement: "Guided by sound science and the needs of the marine ecosystem, the MRC will: evaluate, prioritize, and implement strategies for achieving and sustaining a healthy Puget Sound; provide sound guidance to public officials; protect and restore Snohomish County's marine environment."

The retreat goals are to share and discuss the mission of the MRC, welcome new members to the group, encourage MRC members to join a subcommittee or a project team and to review and prioritize projects to include in the 2017 work plan.

Rich Childers inquired if the mission of the MRC was constrained to giving advice and recommendations to County officials. He asked if the MRC could broaden their reach to state or federal recommendations. Kathleen responded that while the group is not designed to be an advocacy organization, the MRC has commented on state and federal recommendations when there is sound science and local experience that is relevant to the discussion. It is important that the MRC staff and members operate under Snohomish County policies. County code 2.800.020 states, "The purpose of the marine resources advisory committee is to address local marine issues and recommend remedial actions to the council, executive and, where requested by the council or executive, to other local governmental entities and tribes, guided by sound science and the needs of the marine ecosystem

2016 Highlights and Accomplishments Presentation

Kathleen gave a presentation on the work the MRC accomplished in 2016, attached as an appendix. Projects highlighted include:

- Storm Surge Monitoring
- Forage Fish Monitoring
- Nearshore Beach Restoration Project and Funding
- Meadowdale Beach Restoration
- Recreational Crabber Education and Social Media Campaign
- Rockfish Education
- Snohomish Estuary Clean Up
- Derelict Gear Removal
- Oil Spill Preparedness
- Port Susan Marine Stewardship Area and Bulkhead Removal Feasibility Study
- Caged Mussel Watch
- Kelp Monitoring
- Stillaguamish River Gauge

Review Current MRC Commitments

Kathleen explained the current commitments of the MRC and led a discussion to gain consensus that members agreed to continue these projects into 2017. She explained that most project work is generally accomplished through subcommittees or in some cases project teams. Subcommittees are comprised of multiple MRC members with one or more subcommittee member(s) serving as the lead for the group. The MRC currently has eight subcommittees, which are the Executive, Sound IQ, Oil Spill, Water quality/mussel watch, Recreational fisheries education, kelp, Port Susan, Derelict gear,

and the Forage fish subcommittee. Kathleen showed the MRC the wall poster of the subcommittees and encouraged the members to look at each subcommittee and think about which subcommittees they want to be a part of in 2017. New subcommittees will be created as new projects arise for the MRC and subcommittees that have accomplished their goals will be removed from the list.

Boosting Effectiveness of MRC Projects- Facilitated Discussion- Lucas Hart

Lucas Hart has an overview of regional forage fish and kelp monitoring projects. He explained that the forage fish work began when Washington Department of Fish Wildlife (WDFW) was charged to survey over 750 miles of shoreline in the Puget Sound for forage fish. WDFW did not have the capacity to regularly survey as many sites as they would like to, and asked MRCs to help by taking over index sites. Index sites are sites that would be sampled regularly by the MRCs. Lucas gave an overview of the forage fish survey and showed an example of the map which houses the data that is collected by both the MRCs and WDFW. MRC members expressed that not all the data collected by the Snohomish MRC is available to view on the map. Lucas will look into why not all of the Snohomish MRCs data has made it onto the WDFW forage fish map. The kelp monitoring project was started under the Northwest Straits Commission (NWSC), when it was realized that kelp was not being monitored by any other organization at a scale that covers the Puget Sound. The NWSC has been leading the effort to collect and analyze the kelp data. All seven MRCs collected data in 2015 and 2016. After the 2016 kelp monitoring season, a group of representatives got together to discuss the kelp monitoring protocol. MRC representatives expressed that there was a high level of variation in the kelp surveying. The MRC Kelp Monitoring task force will revise the protocol as needed this spring, and look at alternative options.

Lucas emphasized that because there are six other MRCs conducting the same type of work in the area, it is useful to remember to utilize other MRCs for support with projects. Snohomish MRC is a great example of this, when they received training from Skagit MRC on forage fish blue bowl methodology. He encouraged the MRC to continue to seek out these types of opportunities. Lucas described how other MRC's have benefited from recruiting non-MRC volunteers, such as one MRC that is using a retired scientist who is able to do their egg analysis from their forage fish survey. Another MRC has been able to bring in a kayak expert to provide kayak training for MRC members. Lucas encouraged the group to discuss Snohomish MRC projects that could be expanded if more help were available. Lucas also encouraged the group to think about the connections Snohomish MRC members have to other groups and how those interests cross over into the MRC landscape. The MRC brainstormed a list of groups such as the WSU Extension Beach watchers, the Ocean Research College Academy School at the Port of Everett, Community Colleges, and other local schools that could volunteer with the MRC. The MRC did not determine specific projects at this time to bring in volunteers to help with, however, in the future agreed they would keep this idea in mind.

Working Dinner Break

The MRC paused for a working dinner break at 6:15p.m. Kathleen encouraged the MRC members to discuss ideas for next year's MRC grant. During the break, members discussed the MyCoast application and website, and ideas to make it more effective. One idea members had was to create a form on the MyCoast app that could encourage general users to take shoreline landscape photos from landmarks located at public beaches. Gathering photograph documentation over time would help the MRC determine how the shoreline is changing, and this type of citizen science would be straightforward and fast for the public to gather. The MRC will brainstorm a list of possible landmarks at public places for this form.

Brainstorm Strategy to Implement Current Work Plan -

Kathleen led the MRC through a live edit of the current work plan. The product from the retreat revisions is as follows:

Snohomish MRC 2017 Work plan

Project Lead: Green, Project Participant: Blue

1. MRC Grant

Administration- Kathleen/Elisa, All

- a. Quarterly Grant Reports and Billing Management and Volunteer Hour Tracking
 - i. Volunteer hours due each quarter to Elisa- **All**
 1. Volunteer hours due 4/4/2017
 2. Volunteer hours due 7/5/2017
 3. Volunteer hours due 9/25/2017
 - ii. Progress Reports
 1. Quarter 2 progress report due 4/10/2017
 2. Quarter 3 progress report due 7/10/2017
 3. Quarter 4 progress report due 9/29/2017
- b. Meeting Logistics and Facilitation
- c. Annual Report- Due 4-10-17
 - i. Send draft to MRC for review- **Kathleen**
 - ii. Proofreading/Editing- **Tom and Franny**
 - iii. Develop 3-4 Council recommendations in bullet form
 1. **Franny and Kathleen** send out email with recommendations prior to March 15th MRC meeting for discussion at meeting
- d. Annual Work Plan- Due 2-28-17
 - i. Send draft to MRC for Review
 1. **Kathleen** send out by 2-23-17
- e. Website Management
 - i. New web master volunteer team- **Traci and Debbie**
 1. Provide access log in and training- **Kathleen with help from Sasha H.**
 - ii. Review project webpages and update as necessary
 1. Review all website text and links and send suggestions to MRC Staff by April 14- **Traci**
 2. Make edits as appropriate- **Traci and Debbie**
 - iii. Post Time lapse Video of Howarth Park Restoration by 3-17-17- **Elisa**

Storm Surge Monitoring Project- Kathleen, Elisa, Franny (Leads), Craig

- a. Complete QAPP and deliver to NWSC January 27, 2017- complete
- b. Complete winter storm monitoring

- c. Confirm My Coast app form will be asking citizens to take photos at County/City parks at a fixed sites (including Kayak, Howarth, Meadowdale, Mukilteo, Edgewater/Mt. Baker, Picnic Point)
 - iv. Consult with Northwest Straits Commission (NWSC) Science Team/Lucas
 - v. Photos at County parks at a fixed sites like Kayak, Howarth, Meadowdale, Mukilteo, Edgewater/Mt. Baker, Picnic Point
 - vi. Select Set GPS Points for picture taking
 - vii. Develop form with MyCoast
 - viii. Advertise My Coast app with press release
 - ix. Solicit additional partners to support another year of funding for the app
- d. Copy of data collected, summarized and delivered to Commission and other relevant parties due 6/9/2017
- e. Hold final storm surge public workshop in the late summer
- f. Community meeting report due to NWSC Sep. 15th

2. Nearshore Beach Restoration Project Monitoring and Maintenance Sarah, Paul, Laura

- a. Determine Next Steps for future Maintenance Plan
- b. ESRP Nearshore Learning Grant with UW Summer Monitoring
- c. Sediment Sample Analysis- Lab work continues, needs data analysis
- d. Forage Fish Monitoring Photo Analysis- Need to organize photos into site based time series

3. Forage Fish Spawning Surveys Elisa, Bob, Cathy, Craig, Susan, Franny, Cathy, Paul, Mike, Susan, Sarah

- a. Winter Sampling: Continue sampling at sites 2,5,6,9,12,13, Howarth Park Restored, Meadowdale, and Picnic Point sampling September 2017- February 2018
- b. Schedule a forage fish training date for those interested in learning more about monitoring and how to do the blue bowl vortex sample method- Elisa
- c. Summer Sampling: Howarth Park & Restored Index Site (Sites 12 & 13) sampled monthly
- d. Set up monthly sampling dates for the index site based on tides lower than 7 ft. Next is sampling date is March 15th for index site and blue bowl.
 - i. Determine and send out summer sampling dates for sites 12 and 13 March-August- Elisa
 - ii. Volunteer help for collecting samples- sign up for sample dates- All team members
 - iii. Summer Blue vortex- Elisa or Mike leads at respective offices depending on schedule
 - iv. Deliver to WDFW- Need volunteer. Paul could bring to NWSC meetings when that works

4. Meadowdale Feasibility Study- Mike

- a. April 2017 community stakeholders meeting
- 5. Derelict Gear- Crab Pot Removal- Susan, Cathy**
- a. Talk with WDFW and Northwest Straits Foundation about their funding to conduct a 2017 derelict crab pot removal
 - i. Work with NWSF to determine if they have funds to sample Port Gardner- Susan
- 6. Recreational Fisheries Education/Crabber Social Marketing Bob, Franny, Cathy, Sarah, Susan, Craig is our bridge, Laura**
- a. Coordinate with Beach Watchers for Crabber Opening Day July 1-2- Bob and Paul
 - i. Plan is to hit all the fishing piers and Kayak and Everett Boat Launch
 - b. Create Plan of additional events for the Year- Bob
 - c. Inventory existing supplies, consolidate and work with Beach Watchers to put together packets for 2017 including Bait Clips, Crabber Nautical Charts, and Crab Gauges- Bob and Paul
 - d. Work with Rich Childers to order more crab gauges if needed (work with WDFW)- determine if we want to put our logo on stickers on the gauges- TBD
 - e. Create plan for Organization and Distribution- TBD
 - f. Parking Permit and Special Use Permit from the Port, 20 needed over two days- Laura
- 7. Mussel Watch- WDFW Caged Study Mike, Susan (City of Edmonds), Cathy (Tulalip), Tom, Craig**
- a. MRC Top site to sponsor: Edmonds
 - b. Summer work- WDFW will vet 40 new randomly selected sites, and accept sponsorship of local sites, confirm that MRC will sponsor a site
 - c. MRC sponsor Edmonds (Brackets Landing), get permission from City of Edmonds
 - d. Optional volunteer- Prep mussels for deployment at Penn Cove in September
 - e. Cage Deployment- October 2017
- 8. Oil Spill Preparedness Susan, Franny, Mike, Paul, Debbie, Craig**
- a. Schedule Subcommittee meetings as needed
 - b. Continue to Network moving forward
 - c. GRP Update Beginning soon- Team members will keep an eye out for this
 - d. County DEM are to incorporate a Hazmat and Cyber-attack into every drill scenario
 - e. Vessel of Opportunity Brochure and Letter Distribution- Paul
 - i. Fill out tracking form of where they were distributed
 - f. DEM communication/LEPC Meetings- Susan
 - g. Make/Update Oil spill section on the MRC website
- 9. Kelp Monitoring Traci, Franny, Cathy,**
- a. Track Protocol Changes/NWSC Effort- Traci

- b. Send photos to Lucas Hart/NWSC- **Traci**
- c. Set Dates for 2017 monitoring and create a team
 - i. Consider doing only one month of sampling
- d. Get safety training for new volunteers and ensure SWM supervisors are aware of plan
- e. File float plan for each event
- f. Have each volunteer sign volunteer insurance liability waivers
- g. Find sea kayaks for monitoring- Check with Lincoln or Doug Dailer (Ranger at Meadowdale park)

10. Snohomish Estuary Clean Up- Kathleen, Paul, Laura, Cathy- be part of discussion

- a. Puget Sound Partnership Local Integrating Near Term Action (LIO NTA) Grant
 - i. Complete scope of work for \$50,000 grant, Kathleen
 - ii. Work with DNR to use funds for Vessel Removal in Snohomish Estuary
- b. Create maps of creosote pilings in Snohomish Estuary along with ownership
- c. Develop long term partnership with DNR on creosote removal, apply for joint grants

11. Port Susan Marine Stewardship Area Traci, Debbie

- a. Bulkhead Removal Phase II²
- b. SHARP project with the Foundation
 - i. Site visits in partnership with the Foundation
 - ii. Education and Outreach- find willing landowners to have bulkhead removal
 - 1. Summer Homeowner Association Presentations
- c. Links to Port Susan NTA

Retreat Wrap Up

Franchesca thanked the MRC for their time at the retreat. Franchesca handed out award certificates to MRC members for their 2016 accomplishments.

Announcements

- Paul attended the last Snohomish-Stillaguamish LIO meeting on January 5, 2017. Puget Sound Partnership Strategic Initiative leads attended the meeting and answered questions from LIO Members. Paul indicated via email report that the future funding is uncertain, and the group is discussing restructuring the LIO.
- Kathleen announced that the storm surge water level monitoring device has been installed and is collecting data. Staff completed a Quality Assurance Project Plan (QAPP) that was required by the MRC Grant.
- Bob, Paul, and Susan attended a team meeting with Chrys Bertolotto and the Beach Watchers on Crabber Education Planning. The next step is to inventory all the educational materials that Beach Watchers and Snohomish County currently have.
- Approximately 70 people attended the Edmonds Starlight Beach Walk. City of Edmonds, Snohomish County Beach Watchers, and the Snohomish MRC hosted the event.
- There will be an Oiled Wildlife Hazwoper training in Everett March 18, 2017.

Running List of MRC Actions:

- Kathleen will compile edits from the 2017 work plan document, which was edited during the retreat, and send it to MRC members
- The MRC will brainstorm a list of possible landmarks at public places for a new MyCoast app form.
- MRC staff will follow up with Lucas on the forage fish data for the WDFW map.
- MRC staff, Bob, and Paul will gather and inventory of all crabber education materials Wednesday February 22, 2017.
- MRC staff will determine a plan for March forage fish sampling and follow up with the MRC members.
- Mike will see if his office lab would be able to process forage fish egg samples using the blue bowl method for the MRC.
- Staff will send out general information and an update on the storm surge monitoring project to MRC members.
- Elisa will follow up on the placement of the installation of the interpretive signs with the Port of Everett.

The meeting adjourned at 8:07 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

March 15, 2017 6:30-8:30PM
3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor

<p>MRC Members Present Franchesca Perez (via phone) Sarah Brown Traci Sanderson Deborah Hopkins Paul Clampitt Mike Ehlebracht Cathy Stanley Bob Hillmann Craig Wollam</p> <p>Absent Tom Doerge (excused) Laura Gurley (excused) Susan Tarpley (excused)</p>	<p>Staff, Presenters, and Others Kathleen Pozarycki, Snohomish County MRC Lead Staff Elisa Dawson, Snohomish County MRC Planner</p> <p>Alessandra Durham, Snohomish County Executive’s Office Lincoln Loehr, Citizen David Bain, Citizen</p>
<p>Summary of Decisions</p> <p>The MRC approved the February 16, 2017 MRC Meeting Summary.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • Forage Fish Monitoring scheduled for April 17, 2017 • March 18, 2017 Oiled Wildlife Hazwoper training in Everett 	

Welcome and Introductions

Sarah Brown stepped in as Chair while Franchesca Perez called into the meeting remotely. Sarah opened the Marine Resources Committee (MRC) meeting with a quorum at 6:35pm. Sarah asked the meeting participants to go around the room and introduce themselves. Sarah introduced Alessandra Durham from the Snohomish County Executive’s office.

Approval of MRC Meeting Summary

Mike Ehlebracht made a motion to approve the February 16, 2017 MRC Meeting Summary. Craig Wollam seconded the motion. There was no discussion. All were in favor and the motion passed.

Executive Liaison to Snohomish County Boards and Commissions

Alessandra Durham introduced herself as the Boards and Commissions Liaison to the Snohomish County Executive’s Office. Alessandra explained that there are 42 Boards and Commissions in Snohomish County and she serves as the communication channel between these groups and Executive Dave Somers. The Executive’s office provides support to boards and commissions, and the Executive’s office has determined that boards and commissions members must begin using a county provided email instead of their personal email accounts by June 1, 2017.

Alessandra noted that she would be helping transition boards and commissions members into this new system. . By using a county email, members of the boards and commissions will not have their personal email accounts and computers vulnerable to Public Records Act requests. Kathleen requested further assistance during the transition from Alessandra on this topic.

The MRC mentioned their August 31, 2016 letter to Executive Somers regarding the Puget Sound Initiative to Alessandra. The MRCs letter focuses on encouraging the County to emphasize the following areas the MRC has prioritized, including oil spill preparedness, stormwater runoff, and nearshore habitat protection and restoration and direct additional resources to these priorities.

MRC Grant for 2016/2017

Kathleen reported to the MRC that the Northwest Straits Commission has issued their Request for Proposals for MRC grants. The MRC will present this year's idea to the Northwest Straits Commission on April 28 at Padilla Bay. The MRC discussed the following three projects with the intention to choose one to propose for the MRC grant.

1. Ocean Literacy Education and Outreach: Snohomish MRC sponsors the showing of a series of ocean issue documentaries for the public. The project would promote ocean literacy and work with teachers to have their students attend for credit, and/or show movies in schools, and work with partners who may have school connections to help handle logistics.
2. Voluntary No-Anchor Zone at Kayak Point: Snohomish MRC would work to create a Voluntary No-Anchor Zone marked by buoys on the perimeter of the eelgrass bed near Kayak Point using the Port Townsend eelgrass protection zone project as a case study to inform this project. MRC members discussed this idea and determined that the use of Kayak Point was not likely high enough to warrant this project. Additionally, the buoys could impact forage habitat for whales and also interfere with native fishing gear placement.
3. Economic Valuation of Meadowdale Park: Snohomish County Surface Water Management is doing a small contract with the non-profit, Earth Economics for ecosystem services valuation (ESV) of several Lower Skykomish sub-basins. They are also crafting a benefit cost analysis (BCA) framework that incorporated ESV and doing a case study BCA of two project alternatives in that location. The MRC could use the grant funds to add a Meadowdale ESV with Earth Economics or another contractor. It was also mentioned that funding for this project could come from the on-call consultant funding included in the MRC budget. There was discussion around the use of on-call funds to fund a parks and recreation department project, ultimately most of the group agreed to fund this project in partnership with Parks. .

Paul Clampitt asked if the on-call consultant funds could be used to do additional derelict boat removal. Kathleen responded that MRC Executive Committee decided to use additional MRC funds to support derelict boat removal in addition to the LIO grant so no further money is needed at this time. The MRC discussed the Voluntary No-Anchor Zone project. Paul thought that this would be a good project because it is replicating a successful project in Port Townsend. Franchesca shared that there is a lot of boat traffic at Kayak Point. Cathy thought that there might be some issues with establishing a no-anchor zone at Kayak Point. For example, this could create conflicts with tribal harvest or gear removal. Furthermore, Cathy pointed out that the permitting for the buoys may be more in-depth than the MRC would want to take on in a one-year project. The MRC agreed to take this project off the table for now.

The MRC discussed the Ocean Literacy project next. Franchesca suggested pairing the movie with a panel question and answer with professionals. Sarah shared that bringing the movies to the schools would be efficient and convenient for the students. Mike inquired to how much this project would cost. Kathleen said that while the grant has not been priced out yet, it could cost between a few

hundred to several thousand to get the rights to show a movie. The MRC would have to brainstorm a list of movies and cost out the project. The MRC agreed that this project would be a good candidate for the grant.

Kathleen discussed the idea of an economic study at Meadowdale. Kathleen reported that this study would be beneficial to the Meadowdale culvert replacement project. A BCA with an ESV could enable the MRC to continue to make a strong argument for the funding needed to replace the culvert at Meadowdale. This type of study would likely be required before obtaining further grant funds. Bob asked if Snohomish County Parks Department could do the BCA and ESV work. Kathleen responded that while Parks could do the work, since these studies are already being contracted it would be most efficient to add onto this work. The MRC agreed that this would be a good project for the MRC to contract.

Kathleen reported that one option would be to use MRC on-call consulting funds to pay for the Meadowdale study, and then use the MRC Grant funds for the Ocean Literacy Project. The contracting funds are separate from the grant and are already budgeted in the MRC budget for 2017. The MRC agreed to have Kathleen check to see if the MRC contracting funds could be used for the Meadowdale Study, and move forward on the documentaries project for the MRC grant. The MRC will need to present their idea for the MRC grant to the Northwest Straits Commission on April 28 at Padilla Bay.

Celebration of Lincoln Loehr's Contribution

Kathleen shared a PowerPoint presentation with photos of Lincoln Loehr's work on the MRC. Over the course of three terms, Lincoln donated over 1,000 hours of his time to the mission of the MRC. The Snohomish MRC thanked Lincoln for his service and presented Lincoln with a wooden plaque and had a small celebration.

Storm Surge Monitoring Project Planning and MyCoast App

Kathleen reported to the MRC that there have been over 25 reports submitted using the MyCoast app. While we are getting good data, in order to make the project more likely to be funded next year, there needs to be more people using the app, as the cost per year is approximately \$10,000. The MRC discussed adding a new form to the app for the public to gather basic information easily and quickly. The idea that came out of the MRC Retreat would be to conduct photo monitoring to measure shoreline change over time. People would use specific landmarks to set up photo monitoring sites and ask citizen scientists to take specific photographs from those designated points. Ideas included taking photographs of beaches as well as areas where you can see kelp beds. Taking these simple photos would appeal to many people and promote interaction with their marine environment. There was discussion around the idea of winning digital awards through the app, for example, if one goes to all photo locations they get a badge of some type. The MRC agreed to put together a team to figure out what the best photo locations would be for the app. Traci, Paul, Deborah and Mike agreed to serve on this team. This form could be called "Document your Discovery" or "Photo Monitoring" of your local beach. Once the MRC has chosen locations and created the app form, a press release and outreach push will be made to get people involved in gathering the data. Alessandra Durham offered to help get the word out once the app is completed and ready to go.

Announcements

- Paul Clampitt and Kathleen Pozarycki attended the 2017 Northwest Straits Commission Retreat on February 23 and 24.
- Paul reported that the LIO did not meet in February and will not be meeting in March 2017. The next LIO meeting will be April 20th. A LIO subcommittee is reviewing the process for updating the NTAs as well as the structure of the LIO. The LIO expects a report from the subcommittee at the April 20th meeting.

- MRC members Tom Doerge and Craig Wollam and MRC Staff Elisa Dawson attended March 9th Kayak Point Regional Park Public Meeting to learn about the park's Master Plan. During the meeting, Snohomish County Parks and Landscape Architects from J.A. Brennan discussed options for soft-shore armoring of the beachfront to protect the park from sea-level rise, adjustments to the boat ramp, taking out some of the roadway on the beach from area, and raising some of the built environment infrastructure. The public did a dot exercise on types of amenities they would like to see at the park, both in the beach area and in the forested area above. Facilitators will incorporate the feedback they received from this meeting and are creating design options which will be presented to the public at another public meeting. Craig Wollman brought up the fact that none of the ideas showed the reintroduction of the historic lagoon at the site. Kathleen mentioned this had been taken off the table previously because the location of the lagoon is where infrastructure for the roadway is, however she would bring it back up with Parks staff in case there is still an opportunity for this type of restoration.
- There will be an Oiled Wildlife Hazwoper training in Everett March 18, 2017.
- The Northwest Straits is hosting a Kelp Workshop on April 15, 2017. Traci will be attending to represent the Snohomish MRC.
- The MRC grant presentation to the Northwest Straits Commission is April 28 at Padilla Bay.
- Forage fish monitoring will be April 17th. Meet at Howarth Park at 2PM.
- The MRC Annual Presentation to Snohomish County Council is scheduled for April 18th at 9:00 a.m. in Council Chambers.

Running List of MRC Actions:

- MRC members volunteered to help with forage fish monitoring at Picnic Point, Meadowdale and Howarth Park. Elisa will coordinate with volunteers on logistics for monitoring.
- Elisa will continue to follow up on the placement of the installation of the interpretive signs at Edgewater Beach Park with the Port of Everett and at Howarth Park.
- Kathleen will send Paul Clampitt's contact information to Alessandra Durham.
- Kathleen will check to see if MRC contracting funds can be used for the Meadowdale BCA and ESV study.

The meeting adjourned at 8:35 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

April 19, 2017 6:30-8:30PM

3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor

<p>MRC Members Present Franchesca Perez Sarah Brown Traci Sanderson Deborah Hopkins Paul Clampitt Mike Ehlebracht Cathy Stanley Bob Hillmann Tom Doerge Laura Gurley Susan Tarpley</p> <p>Absent Craig Wollam (excused)</p>	<p>Staff, Presenters, and Others Kathleen Pozarycki, Snohomish County MRC Lead Staff Elisa Dawson, Snohomish County MRC Planner</p> <p>Christie Heyer, Citizen David Bain, Citizen</p>
<p>Summary of Decisions</p> <p>The MRC approved the March 15, 2017 MRC Meeting Summary.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • The next forage fish sampling will be in June 2017. • MRC grant presentation to the Northwest Straits Commission is April 28. • Kayak Point Regional Park Public Meeting April 27. 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:35pm. Franchesca asked the meeting participants to go around the room and introduce themselves.

David Bain introduced himself and announced that there will be a Ribbon Cutting for the North Creek Forest on April 28 from 9:30-1PM. The event will celebrate the acquisition of the 64-acre North Creek Forest by the City of Bothell. There will be festivities including a forest tour following the ceremony. Governor Jay Inslee is the Guest of Honor. North Creek Forest is located at 112th Ave NE and NE 202nd St. Bothell

Christie Heyer introduced herself as a recent graduate interested in the work of the MRC. She is attending the meeting as general public.

Approval of MRC Meeting Summary

Paul Clampitt made a motion to approve the March 15, 2017 MRC Meeting Summary. Susan Tarpley seconded the motion. There was no discussion. All were in favor and the motion passed.

MRC Grant for 2017/2018: Ocean Literacy Project

Sarah Brown discussed the MRC Grant for 2017/2018 which will be the Ocean Literacy and Engagement Project. For this grant, The Snohomish County MRC will increase ocean literacy and engage the audience in local citizen-science based data gathering by sponsoring ocean science films to the public, paired with an information session on the MyCoast website and smart-phone companion application. The event will be held in Snohomish County including one in South Snohomish County and one in the Northern/Everett Area, as well as a minimum of six schools. After the film there will be a call to action which encourages the audience to take part in gathering data through the MyCoast App. The group continues to edit the grant draft. The MRC will present their draft to the Northwest Straits Commission on April 28, 2017.

MRC Subcommittees

Kathleen reviewed the subcommittee membership chart with the MRC. Kathleen asked for the MRC members to review their membership and let her know if there are any changes. The MRC discussed creating a new subcommittee which would include the MyCoast App, the Storm Surge Project, and the 2017/2018 MRC Grant. The MRC also suggested making a subcommittee for the website. Kathleen will update the MRC subcommittee chart.

Executive Subcommittee: Franchesca reported that the Snohomish MRC made their annual presentation to Snohomish County Council on April 18, 2017. MRC Chair Franchesca Perez and MRC Co-Chairs Traci Sanderson and Sarah Brown attended. MRC staff Kathleen Pozarycki and Elisa Dawson were also present. Tom Hoban, a former Snohomish MRC Member, also attended the presentation. Franchesca Perez presented the 2016 projects and accomplishments to the Snohomish County Council. Councilmembers were provided a copy of the 2016 Snohomish MRC Annual Report. The video of the presentation can be viewed online here- http://snohomish.granicus.com/MediaPlayer.php?view_id=2&clip_id=5692. Traci suggested that in future years it may be beneficial to use the annual report as the presentation material instead of having a separate PowerPoint presentation. MRC members also suggested to feature members in the presentation so that the County Council can learn more about the volunteers.

Storm Surge Subcommittee: Franchesca reported the results from the In-Situ water level monitoring device from January-present, and discussed the MyCoast storm surge reports. Elisa showed the reports online on the projector to the MRC. Kathleen reminded the MRC that a date needs to be set for a summer follow-up workshop for this project.

MRC Ocean Literacy Grant Subcommittee: Sarah decided to skip this report since the project was already discussed.

Oil Spill Subcommittee: Susan reported that there was a county-wide emergency planners meeting on April 18 which focused on cyber-attacks. Snohomish County Department of Emergency Management attended this meeting. Tarpley continues to attend the Local Emergency Planning Committee (LEPC). The next meeting is on May 9. Susan suggested that the list of partners that the MRC created be sent out to key stakeholders at SWM.

Water Quality/Mussel Watch Subcommittee: Mike reported that the MRC will be sponsoring one site at Brackett's Landing in Edmonds for the 2017-2018 mussel watch season. Franchesca Perez reported that the Stillaguamish Tribe is sponsoring another location Kayak Point. Kathleen reported that there will also be 2-3 other locations which WDFW is in charge of in Snohomish County which the MRC will be able to help with. The data from the mussel watch project is used by municipal stormwater utilities.

Fisheries Education Subcommittee: Bob reported that he and Paul have been coordinating supplies the WSU Beach Watchers. Although the MRC had been wanting to expand site locations to 7 sites this year, the contract with WSU only covers the Everett Boat Launch and one other location. The MRC plans to focus at kayak point for the other location. Susan suggested that the Edmonds Pier is a convenient location for the South County, and offered to take supplies there. Susan will check to see if the City of Edmonds may be able to cover one minor and his guardian who are interested in volunteering. The MRC will see if they may be able to cover additional volunteers for Edmonds. Paul, Bob, and Elisa will attend a planning meeting with WSU Beach Watchers on April 26 to define materials needed and volunteer shifts. The training for volunteers will be May 12, 2017.

Kelp Subcommittee: Traci reported that she attended the April 15, 2017 Kelp Workshop with the Regional Kelp Planning Team in Port Townsend. The regional Kelp Planning Team is working on an evaluation of the kelp data gathering process. During the workshop, the team considered changes to the protocol before the next kelp monitoring season. The team decided to have MRCs continue to monitor for the same data as last year. The team discussed options for focusing on several kelp beds and taking more in-depth measurements at those kelp beds, instead of monitoring all of the kelp beds for data. The Snohomish MRC wants to continue to do a presence/absence for all known kelp beds in the county, and will work to put together a plan for this monitoring season. Traci asked the MRC if anyone knew of any other kelp beds in the county, such as in Port Susan or around Hat Island. Cathy reported that there is some kelp around Hat Island that the MRC could check out. Kathleen reported that the SWM boat is not ideal for long travels such as out to Hat Island. Cathy said that she may be able to get the Tulalip Tribes boat for reconnaissance at Hat Island. The kelp subcommittee will set up a call on the monitoring plan. Susan will join the call.

Port Susan Subcommittee: Traci suggested that the MRC should add septic GIS information to their shoreline armoring data in Port Susan. The septic information would identify properties where septic tanks are too close to the shoreline, which would make them ineligible for hard-armoring removal. This is a good project for a future date that can be done with the help of GIS staff at Snohomish County.

Forage Fish Subcommittee: Elisa reported that a conference call was held to discuss forage fish logistics on April 12, 2017. Participants on the conference call were MRC staff Kathleen Pozarycki and Elisa Dawson, SWM Staff Frank Leonetti, MRC members Cathy Stanley and Franchesca Perez, and Salish Sea Biological constant Dan Penttila. The team discussed the sampling plan for the summer and August 2017-February 2018 season. In accordance with this plan, the MRC has decided to sample sites 12 and 13 in April and June in addition to the August-February sampling season. Forage fish samples were collected at sites 12 and 13 on April 17 and delivered to consultant, Salish Sea Biological, for processing. No eggs were found. The Snohomish MRC also collected the Howarth Park index site sample in April. The sample was processed using the blue bowl method and will be delivered to Erin Dilworth for processing. The Snohomish MRC will continue to sample the index site monthly. Elisa Dawson, Deborah Hopkins, Traci Sanderson, Tom Doerge, and Mike Ehlebracht attended forage fish training provided by the Washington Department of Fish and Wildlife on April 10, 2017 at Padilla Bay. The training provided information on the regional forage fish program, and all attendees received training on forage fish protocols.

Snohomish Estuary Cleanup Subcommittee: Paul reported that work has begun to focus efforts on derelict boat removal in the Snohomish Estuary. Field crews will be working on reconnaissance on April 24th in the estuary to identify vessels that would be good candidates for removal. Paul will be helping with this reconnaissance. A draft Inter Agency Agreement is now being discussed between

Snohomish County and the Department of Natural Resources (DNR). DNR has agreed to help the County and the Snohomish MRC with the derelict boat removal. The plan is to remove 1-4 derelict boats from the Snohomish Estuary.

Congressman Rick Larsen Visit

The MRC hosted a tour at Howarth Park of the Nearshore Restoration Project for Congressman Rick Larsen on April 18, 2017. MRC Staff Kathleen Pozarycki and Elisa Dawson, and MRC members Franchesca Perez, Sarah Brown, Laura Gurley and Bob Hillmann attended the event. Other attendees included Snohomish County Public Works Director Steve Thomsen, SWM Director Will Hall, SWM Supervisor David Lucas, City of Everett Parks Manager Mark Harrison, and Northwest Straits Commission Director Rich Childers, and Northwest Straits Foundation Director Caroline Gibson attended. Kathleen Pozarycki gave an overview of the Nearshore Restoration Project, and talked about the importance of EPA funds to complete the project. Two articles were published in the Everett Herald-

<http://www.heraldnet.com/news/habitat-restoration-at-howarth-park-ready-to-be-enjoyed-by-public/>
<http://www.heraldnet.com/opinion/editorial-everett-beach-an-example-of-what-could-be-lost/>

MyCoast App and Photo Monitoring Reconnaissance

Throughout the last few weeks, MRC members have went out to capture example photographs for their monitoring project. Elisa presented the final photographs for each of the following locations:

- Edmonds Bracket's Landing North
- Edmonds Olympic Beach Park
- Edmonds Marina Beach Park
- Everett Pidgeon Creek Park
- Everett Marine Drive Park
- Kayak Point Beach
- Meadowdale Beach
- Picnic Point
- Howarth Park Beach Stairs southwest view
- Howarth Park Beach Stairs northeast view

Tom Doerge will work on gathering an example photograph for Mukilteo Edgewater Beach. The MRC also discussed the idea of putting up brackets on a fixed location. Participants would then place their phone on the bracket to gather consistent photographs. The MRC discussed potentially going out and gathering additional recon photos with the intention of taking the photo from where a bracket could be placed. Not all locations may be able to have a bracket, but the MRC was interested in placing brackets where it is possible.

Announcements

- Paul Clampitt attended the March 31st, 2017 NSWC meeting. The group discussed funding issues and brainstormed securing local funding.
- Paul reported that the LIO did not meet in March 2017. The next LIO meeting will be April 20th. A LIO subcommittee is reviewing the process for updating the NTAs as well as the structure of the LIO.
- The next Kayak Point Regional Park meeting is April 27. The public will be welcomed to review proposed development options for approximately 350 acres of undeveloped land at Kayak Point Park. Options being considered include: additional camping, trails, a

community center, etc. The event will be held at the Kayak Point Golf Course 15711 Marine Dr. NE, Stanwood

- Kathleen will be ordering MRC name tags. Please tell Kathleen if you need a replacement. Debbie requested to have “Debbie” on her name tag.
- A team will be doing reconnaissance for derelict boat removal on Monday, April 24. Paul Clampitt is participating in the reconnaissance.
- Susan and Debbie attended the Oiled Wildlife HAZWOPER training in Everett on March 18, 2017. They are now HAZWOPER certified. Traci, Mike, Cathy, and Franny are also HAZWOPER certified.
- The MRC grant presentation to the Northwest Straits Commission is April 28th at Padilla Bay.
- The MRC had their Annual Presentation to Snohomish County Council on April 18th. MRC Chair Franchesca Perez and MRC Co-Chairs Traci Sanderson and Sarah Brown attended. MRC staff Kathleen Pozarycki and Elisa Dawson were also present. Tom Hoban, a Snohomish MRC Alumni, also attended the presentation. Franchesca Perez gave a presentation on 2016 projects and accomplishments to the Snohomish County Council. The Council was provided a copy of the 2016 Snohomish MRC Annual Report.

Work Plan Status:

Kathleen has proposed the Meadowdale Economic Valuation Study to SWM management as the project for the MRC \$20,000 on-call consultant project. She is currently waiting for approval from SWM Management on this project.

Running List of MRC Actions:

- MRC members and staff will continue to finalize to 2017/2018 MRC grant. Members will continue to brainstorm movie ideas, and find options for movie screenings. Sarah will reach out to school districts.
- Susan will check to see if the City of Edmonds may be able to cover one minor and his guardian who are interested in volunteering.
- Cathy will see if the Tulalip Tribes boat could be used this summer to do kelp reconnaissance around Hat Island.
- Kathleen will update the MRC subcommittee chart.
- Elisa will send out follow up directions to Tom Doerge for photo monitoring reconnaissance.
- Kathleen will continue to work to see if MRC contracting funds can be used for the Meadowdale BCA and ESV study.

The meeting adjourned at 8:30 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

May 17, 2017 6:30-8:30PM

**3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor**

<p>MRC Members Present Franchesca Perez Sarah Brown Deborah Hopkins Paul Clampitt Mike Ehlebracht Tom Doerge Laura Gurley Susan Tarpley Craig Wollam</p> <p>Absent Traci Sanderson (excused) Cathy Sanderson (excused) Bob Hillmann (excused)</p>	<p>Staff, Presenters, and Others Kathleen Pozarycki, Snohomish County MRC Lead Staff Elisa Dawson, Snohomish County MRC Planner</p> <p>Sharon Swan, Snohomish County Parks Department Principle Parks Planner</p>
<p>Summary of Decisions</p> <p>The MRC approved the April 19, 2017 MRC Meeting Summary.</p>	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none"> • The next forage fish sampling will be in June of 2017. • MRC & SWM staff will help with UW ESRP monitoring along the Snohomish County Nearshore June 5-9th. • The Northwest Straits Commission will host their next meeting June 30th on Snohomish County Campus from 10-3 p.m. 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:35pm. Franchesca asked the meeting participants to go around the room and introduce themselves.

Franchesca introduced Sharon Swan, Snohomish County Parks Principle Planner. Sharon will be giving a presentation on the Kayak Point Regional Park Renovation Project.

Approval of MRC Meeting Summary

Sarah Brown made a motion to approve the April 19, 2017 MRC Meeting Summary. Franchesca Perez seconded the motion. There was no discussion. All were in favor and the motion passed.

Kayak Point Park Update

Sharon Swan, Snohomish County Parks Principle Planner, gave a presentation on the Kayak Point Regional Park Renovation Project. Sharon described the location of the park to the MRC and presented the Day Use Area Schematic Plan for Kayak Point County Park to the MRC. Sharon

provided paper copies of the Day Use Area Schematic Plan for Kayak Point County Park to the MRC members. Sharon reported that the current plan for the park was informed by the work done in 2002-2003 and 2008-2011 in partnership with the Snohomish County MRC. In 2010, Snohomish County Parks and the MRC worked to create a shared Vision Statement through a series of public meetings. The Kayak Point Park Community Shared Vision is:

“Kayak Point Park is a premier waterfront recreation resource for Snohomish County which contributes to the overall health and sustainability of the Puget Sound ecosystem. The day use portion of the park provides a beautiful place for visitors to connect with the saltwater environment and enjoy diverse recreation, education and leisure opportunities. Accessible, safe and pedestrian friendly facilities promote exceptional park experiences for all. Facilities for boating, picnicking, nature appreciation, field sports, fishing, child play, and walking are thoughtfully designed to create lasting functionality and durability while promoting a healthy beach and marine environment. Revenue from park amenities, services, and fees help to ensure a quality park is maintained for our children, grandchildren and beyond.”

In 2011, the MRC worked with Parks to complete the final report of the Barrier Lagoon Feasibility Study for Kayak Point County Park. The objective of the Barrier Lagoon Feasibility Study for Kayak Point County Park report was to provide coastal geomorphic, engineering, and ecological analysis and recommendations for evaluating restoration of a self-sustaining barrier lagoon at the north end of Kayak Point County Park, WA. The park site historically contained a relatively large barrier lagoon at the south end of the park. Restoring a smaller version of a barrier lagoon would provide an opportunity to recreate a lagoon and associated tidal wetlands that will provide ecological value to a host of nearshore species by adding more sheltered shallow water habitat, greater complexity, and connectivity to enhance nearshore habitats and provide other potential benefits, including educational opportunities for the public. This study follows other work at the site including coastal geomorphic assessment, and restoration feasibility assessment and design for other portions of the park.

Sharon reported that this work was considered when developing the new plan for Kayak Point Park Day Use Area. However, Sharon reported that the current team developing the park plan did not think that a barrier lagoon would be feasible in their new plan, and therefore it was not included in the plan. The new plan focuses on preparing the park for sea level rise (SLR). Snohomish County Parks has decided to prepare the park for a 4.5 foot SLR increase in the year 2100. This will mean bringing in a large amount of fill, and Sharon reported that this fill would be protected by a gravel berm surrounding the park. Sharon presented a photograph on the Mukilteo Lighthouse Beach Park gravel berm, indicating that Kayak Point County Park would be implementing something like this at their park. However, specific details of the berm have not been decided yet.

Another feature the design for Kayak Point County Park Day Use Area is a raised boat ramp. The raised boat ramp would allow for sediment to move freely under the ramp instead of piling up on the ramp. Currently, there are problems with sediment build up on the boat ramp which creates a very difficult launch for vehicles and trailers. Sharon reported that a raised boat ramp would help solve the problem of sediment build up while also adding to the beach ecological system function by allowing the sediment to move more freely along the shoreline.

Kayak Point Park Day Use Area Plan Discussion

Sharon finished her presentation and opened up the presentation to discussion. Franchesca asked about the current grant which is funding this process. Sharon said that Snohomish County Parks currently has a grant which will fund the design of the boat ramp. Parks will need to look for funding to implement the overall design. Franchesca suggested that Parks could partner with the MRC and look for funding from the Department of Ecology and other sources which focus on habitat for

implementing the environmental aspects into the design provided that these types of elements are included in the preferred alternative. Several MRC members asked what happened to the habitat features that were in the 2011 preferred alternative to the current alternative.

Paul Clampitt asked about the 4.5 foot SLR prediction, and how Parks came to this number. Sharon responded that the 4.5 SLR number was from the consultant, and that she could provide additional follow up on the exact reports this number comes from.

Laura Gurley shared that the Port of Everett is using a manufactured wetland in their new design at the Port of Everett. Laura offered to share more information about this technology with Sharon. Laura suggested it may be a good way to treat stormwater on site.

Kathleen asked if the buried sea wall would be removed. Sharon reported that it would not, and that Parks idea was that the fill and gravel berm would cover the sea wall. MRC members commented that the sand moves drastically at Kayak Point County Park, and the sea wall often goes from being unexposed one year to being exposed the next. The MRC suggested that it may be best for the long term goal of the park to remove the sea wall.

The MRC suggested a follow- up meeting with Sharon and Parks staff to discuss opportunities for habitat enhancement of Kayak Point County Park. Sharon and the MRC also discussed including the consultant in this meeting so that the team could all together discuss habitat features which could be included in the new plan. Kathleen and Franchesca will follow up with Sharon on this next step.

Maternity Leave Plan

Kathleen presented the Maternity Leave Summer Work Plan for staff to the MRC. Kathleen expects to be on maternity leave from approximately June 3 – September 5, 2017. Kathleen went through the Summer Work Plan with the MRC, which outlines the activities that will need to be completed over the summer. SWM is working to finalize paperwork which will put Elisa in a temporary upgrade position as the Senior Planner for the MRC. SWM is currently in the process of interviewing for a temporary Planner position which will also support the MRC in Kathleen's absence.

MyCoast App

All twelve of the example photos for the monitoring locations for the MyCoast app have been completed. Elisa presented site location descriptions of each location to the MRC, which will be available in the app to help participants find the photo monitoring location. Elisa asked MRC members to take a look at the location descriptions and give any feedback to her by Tuesday 5/23. The final locations for the monitoring project are:

- Edmonds Bracket's Landing North
- Edmonds Olympic Beach Park
- Edmonds Marina Beach Park
- Everett Pidgeon Creek Park
- Everett Port Gardner Way North View Area
- Kayak Point Beach
- Mukilteo Lighthouse Beach Park
- Mukilteo Edgewater Beach
- Meadowdale Beach
- Picnic Point

- Howarth Park Beach Stairs southwest view and northeast view

Bob Hillmann is working to have brackets installed at Howarth Park. Kathleen has not heard back from Snohomish County Parks on whether or not the MRC can install brackets at Meadowdale or at Kayak Point Regional Park.

Finalize MRC Grant for 2017/2018: Ocean Literacy Project

Sarah Brown discussed the MRC Grant for 2017/2018. The MRC has developed a project entitled, *Ocean Literacy and Engagement*. For this grant, The Snohomish County MRC will host ocean literacy film events to inspire and increase local citizen engagement in a time-lapse photo monitoring project of Snohomish County nearshore beaches. The project will use the MyCoast website and smart-phone companion app to provide an easy and fast platform for people to post photos. Film screenings will provide a pathway for engagement, and after each showing there will be a call to action which encourages the audience to take part in a local project. The MRC presented this draft to the Northwest Straits Commission (NWSC) on April 28, 2017. The Northwest Straits Commission encouraged the MRC to include measureable outcomes to meet their intended goal. Edits were made to the grant to focus the goal on engagement and use the films as a pathway to achieve this. Copies of the most recent update to the grant were available for MRC members. Kathleen solicited any feedback to be given in as soon as possible. The grant is due Friday, May 19, 2017.

Announcements

- Paul Clampitt reported that members from the NWSC met on April 28, 2017. Each MRC gave their presentation for their 2017/2018 grant application at the meeting.
- Paul reported that the Local Integrating Organization (LIO) met on April 20th. The LIO is reviewing the process for updating near term actions (NTA) as well as the structure of the LIO.
- Kathleen reported the Meadowdale Benefit Cost Analysis and Ecosystem Services Valuation study has been approved by SWM management. A scope of work has been written and was provided to the MRC project representative for review and comment.
- The MRC will be sponsoring one Caged Mussel Watch site at Brackett's Landing in Edmonds for the 2017-2018 mussel watch season. Kathleen reported that there will also be 2-3 other locations which Washington Department of Fish and Wildlife (WDFW) will sponsor but will likely request volunteer help from MRC members to install the cages.
- Paul reported that he participated in the derelict boat removal reconnaissance on April 24th in the Snohomish Estuary. The team identified vessels that would be good candidates for removal. Next, the team is working to prioritize these vessels for removal based on habitat impact and cost. Kathleen continues to work on the draft Inter Agency Agreement (IAA) between Snohomish County and the Department of Natural Resources (DNR). DNR has agreed to help the County and the Snohomish MRC with the derelict boat removal. The plan is to remove 1-7 derelict boats from the Snohomish Estuary.
- Kathleen asked the MRC if there was any preference for September 12, 13, or 14 for the storm surge summer community follow-up workshop for this project. The MRC selected Thursday, September 14, 2017 for the follow-up workshop.
- Elisa Dawson, Paul Clampitt, and Bob Hillmann attended the recreational crabber education training held in partnership with WSU Snohomish County Extension Beach Watchers on May 12, 2017. Don Velasquez from Washington Department of Fish and Wildlife presented information on crab biology, recreational crab traps and techniques to reduce crab pot loss. Chrys Bertolotto discussed outreach messaging for recreational crabber education and techniques for getting messaging across. Also discussed were tips

and scenarios on how to engage with recreational crabbers. Volunteer sign-ups were passed out for July 1 and 2 at Everett 10th street boat launch and Kayak Point Regional Park. WSU will continue to gather volunteers for the event and will return the sign ups to the MRC.

- An executive subcommittee conference call was held on May 10, 2017 to discuss meeting logistics and Kathleen's maternity leave and the upcoming Ocean Literacy Project for the MRC Grant. Participants on the conference call were MRC staff Kathleen Pozarycki and Elisa Dawson, and MRC members Sarah Brown, Traci Sanderson and Franchesca Perez. The team also discussed the upcoming presentation from Snohomish County Parks on the Kayak Point Park Day Use Area at the May 17 MRC meeting. The team decided to reschedule a presentation on Greenwood Creek for the June MRC meeting.
- Elisa Dawson and Mike Ehlebracht took the forage fish index site sample at Howarth Park on May 11, 2017. This is the only sample which will be taken in May. The sample was processed using the blue bowl method at Mike Ehlebracht's office lab. This lab will serve as a back-up location for Snohomish County in case Snohomish County staff are unable to process the sample. The sample will be delivered to Erin Dilworth (Washington Department of Fish and Wildlife) for processing. The Snohomish MRC will continue to sample the index site monthly.
- Susan Tarpley attended the Local Emergency Planning Committee (LEPC) meeting which focused on risk mapping this month. Susan reported that the City of Stanwood has contacted DEM and wants to have a tabletop exercise on October 11th or 18th for an oil train derailment. DEM will serve as the lead spill planner. Susan reported that DEM will work with MRC to develop an environmental component for the Stanwood tabletop exercise. Elisa will schedule an Oil Spill Subcommittee conference call in early June. The subcommittee is planning to meet to discuss the updated oil spill response plans in Washington State called Geographic Response Plans (GRPs). Washington State Department of Ecology, in coordination with the Northwest Area Committee and EPA Region 10, has drafted 11 new GRPS, one of which is the Stillaguamish Region in Snohomish County.

Running List of MRC Actions:

- Kathleen will finalize the 2017/2018 MRC grant and submit it to the Northwest Straits Commission and through the EAGL portal before May 19, 2017. Members will continue to brainstorm on film selection ideas and find options for movie screenings.
- Susan and Elisa will schedule an Oil Spill Subcommittee conference call for early June.
- Kathleen and Franchesca will follow up with Sharon Swan on setting up a meeting to discuss potential habitat features to add to the Kayak Point Park Day Use Area Plan. .
- Kathleen will send the stakeholder list developed by the Oil Spill Subcommittee created to Surface Water Management (SWM) managers and key staff.

The meeting adjourned at 8:37 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

June 21, 2016 6:30-8:30PM

**3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor, 6A02**

<p>MRC Members Present Sarah Brown Paul Clampitt Mike Ehlebracht Tom Doerge Laura Gurley</p> <p>Absent Bob Hillmann (excused) Cathy Sanderson (excused) Craig Wollam (excused) Susan Tarpley (excused) Franchesca Perez (excused) Deborah Hopkins (excused) Traci Sanderson (excused)</p>	<p>Staff, Presenters, and Others Elisa Dawson, Snohomish County MRC Planner Bob Bernhard, SWM Planner</p> <p>Brett Shattuck, Tulalip Tribes Restoration Ecologist Ryan Williams, Program Integration Manager for the Snohomish Conservation District</p>
<p>Summary of Decisions</p> <p>The MRC could not approve the May 17, 2017 MRC Meeting Summary because a quorum was not achieved. A motion to approve the meeting summary shall be postponed until the July 19, 2017 MRC meeting.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • The next forage fish sampling will be August 17, 2017. • The Northwest Straits Commission will host their next meeting June 30th on Snohomish County Campus from 10-3 p.m. 	

Welcome and Introductions

Sarah Brown opened the Marine Resources Committee (MRC) meeting at 6:30pm. Sarah asked the meeting participants to go around the room and introduce themselves.

Sarah introduced the two guest speakers for the meeting, Brett Shattuck, Restoration Ecologist for the Tulalip Tribes and Ryan Williams, Program Integration Manager for the Snohomish Conservation District.

Approval of MRC Meeting Summary

A motion to approve the May 17, 2017 MRC Meeting Summary was postponed until the July 19, 2017 MRC meeting. A quorum was not achieved.

Greenwood Creek Update and Discussion

Brett Shattuck, Tulalip Tribes Restoration Ecologist, presented on the restoration of Greenwood Creek which included: a culvert replacement at 184th Street NW and Soundview Drive NW, removal of invasive species (e.g., blackberry), channel excavation and widening, riparian planting and placement of large woody debris (LWD). Greenwood Creek drains to Port Susan and is located approximately 2.25 miles south-southwest of the mouth of the Stillaguamish River. The creek was identified by the Tulalip Tribe and Snohomish County as a good site for restoration due to the large presence of non-natal Chinook and Coho salmon observed near the mouth of the creek. The mouth of the creek where restoration occurred is located on Snohomish County right-of-way property. A 2012 sampling effort found 277 Chinook and 594 Coho within a 300 foot section of the creek.

The Tulalip Tribe partnered with Snohomish County to complete the project. The Tulalip Tribe's responsibilities included scoping, project management, coordination and outreach, archeological and cultural review, planting and monitoring. Snohomish County's responsibilities included scoping, plans, permit submittal (Joint Aquatic Resource Permit Application), invasive vegetation removal, and donation of large woody debris, planting of native vegetation, neighborhood signage and continued maintenance. The project was funded by NOAA's Pacific Salmon Recovery Fund, Snohomish County and the Tulalip Tribe.

Since three years from its completion, riparian vegetation has filled in and now provides beneficial canopy cover for salmon. Brett reported that one lesson learned from this project would be to place more non-anchored LWD on future similar projects. Anchored LWD tends to float when water levels are high, whereas non-anchored LWD settle in areas where it would not float during high water. Overall the project has been a success. An increased presence of Chinook salmon has been observed in March and April of 2017.

The Tulalip Tribe has identified another potential restoration site that drains from Lake Martha and discharges to Port Susan through a culvert. The unnamed creek is approximately 1.5 miles south-southwest of the Stillaguamish River, near 96th Avenue NW and Soundview Drive NW. Unlike the Greenwood Creek project, the unnamed creek is adjacent to properties that are privately owned. After the presentation, Brett answered questions. The MRC discussed the potential site and challenges it may have including adjacent landowners concerns for erosion and flooding.

Snohomish Conservation District Request for Letter of Support

Ryan Williams, a Program Integration Manager for the Snohomish Conservation District, presented a proposed fee increase for the District and requested a letter of support from the MRC. For the past seven years, the District has received an 'assessment' from Snohomish County landowners at an average rate of \$5 per parcel plus \$0.05 per acre. The District is proposing to change from an 'assessment' to a 'rates and change' structure. Future rates would be calculated based on direct and indirect benefits to different land uses. On average the rate would increase to approximately \$10 per parcel and up to \$0.10 per acre, for both urban and rural properties. The District developed a five-year plan highlight (<http://snohomishcd.org/fiveyear-plan-highlights/>) which will be presented to the Snohomish County Council at a time which has not been scheduled yet, possibly in the late fall or early winter of 2017-2018.

The District plans to bolster existing programs (i.e., Farm Planning, Habitat, Lawns to Lettuce, and Education and Outreach programs) and expand services to more urban areas through the Community Conservation Program with a focus on stormwater. Plans for increased assistance with stormwater infrastructure—rain gardens, rain catchments and natural yard care—are envisioned on a neighborhood scale. The District would also like to increase technical and financial support to jurisdictions and stormwater permittees.

After the presentation, Ryan answered questions. Laura Gurley asked if the District had considered expanding their service boundaries—established in 1949—instead of increasing fees, to which Ryan answered that they had not considered the expansion. Another MRC member addressed the issue of direct impact to the marine environment. While everyone agreed that upstream pollution prevention is beneficial, the MRC would like to hear more about projects that are or could occur in the marine environment. The MRC requested the District to elaborate more on future efforts at the next MRC meeting in July. The MRC will also brainstorm ways in which the District's services could benefit shoreline landowners and the MRC.

Subcommittee Reports

MRC Grant/ Ocean Literacy/Storm Surge: Elisa Dawson discussed advertising of the MyCoast app. MRC members commented on the lack of advertising. Elisa mentioned that a publicity package has been developed and is ready for distribution. Laura Gurley requested she be sent the package for use at the Port of Everett. The MRC also discussed about the MyCoast app was the placement of camera brackets at the participating locations. It was mentioned that some of the brackets were hard to use. A MRC member suggested that instead of using a bracket to help capture the correct photo, painted footsteps and signage with an example photo at each location may be another approach to consider.

Oil Spill: Susan Tarpley continues to attend the Local Emergency Planning Committee (LEPC) meetings. The Oil Spill Subcommittee met via conference call on June 1 to discuss the new oil spill response plans in Washington State called Geographic Response Plans (GRPs). Participants on the conference call were MRC staff Kathleen Pozarycki and Elisa Dawson, and MRC members Franchesca Perez, Susan Tarpley, Mike Ehlebracht and Craig Wollam. The team discussed the open comment period for the GRP update, and whether to submit a comment or not. The team decided that they had comments they wanted to share and would ask SWM management if it would be appropriate for the MRC to comment. SWM gave support for the MRC to comment. A letter from the MRC on the Stillaguamish GRP update was electronically submitted to Ecology on June 15, 2017. The Oil Spill Subcommittee has been solicited by Washington State University (WSU) Extension to help with a WSU Near Term Action to create a regional oil response program. The Oil Spill Subcommittee plans to meet soon to discuss this opportunity.

Water Quality/ Mussel Watch: The MRC will be working to install mussel watch supplies this fall.

Recreational Fisheries Education: Paul Clampitt reported that the educational packets are ready for distribution and are currently with Bob Hillmann. Paul, Bob and Laura Gurley will be distributing the packets to the public at the 10th Street boat launch in Everett during the opening weekend of the crabbing season (July 1-2).

Kelp: Elisa reported that Traci Sanderson alerted the MRC in late May that, due to a family emergency, she will not be able to serve as the kelp lead for the project this summer. Tom Doerge has agreed to help lead the MRC kelp surveys, supported by Elisa Dawson. The MRC will conduct 1 round of kelp monitoring at all known locations—Meadowdale, Mukilteo, and Edmonds Brackett's landing. The MRC has scheduled August 7-9 for the three locations with September 13-15 as the backup date. The MRC will also conduct one day of reconnaissance at Hat Island, a location in Snohomish County which hasn't previously been surveyed for kelp. The reconnaissance will use the Tulalip Tribe's boat, and is scheduled for August 21, with August 22 and 23 as backup dates. The Snohomish MRC plans to gather data, including GPS data, of any kelp found around Hat

Island during this reconnaissance. Tom Doerge will receive kayak safety training prior to the kayak kelp monitoring. Lincoln Loehr, previous MRC member who has led this project in the past, has agreed to help the Snohomish MRC during the kayak monitoring. Lincoln has attending kayak safety courses in the past and is well versed in the data collection methods.

Port Susan: The Northwest Straits Foundation recently received grant funding to assist landowners with designing and permitting the removal of hard armoring. The team agreed to continue to focus their efforts on properties with feasible removal of hard armored structures in Port Susan. Thus far, Snohomish County has not identified any landowners for feasible removal in the Port Susan area. Lisa Kaufman, Elisa Dawson, and Debbie Hopkins met via conference call to discuss some outreach possibilities and schedule a workshop in October for residents of Port Susan who may be interested in armor removal. The team agreed to attend the Warm Beach Summerfest on August 12, 2017 for initial outreach. The team also decided to use the Storm Surge follow-up workshop, which has been scheduled for September 14, as another opportunity to reach out to landowners. Lisa is also working on sending a mailer to residents this summer. The group also discussed adding septic system GIS data to their shoreline armoring data in Port Susan. The additional GIS data may identify properties where septic systems are too close to the shoreline, making them potentially ineligible for hard-armoring removal.

Forage Fish: SWM staff continue to work with a team of researchers from the University of Washington on the ESRP grant. Elisa Dawson and Craig Wollam collected forage fish samples at Howarth Park on June 5. Samples were delivered to Dan Penttila for analysis. No forage fish eggs were found. Dan said that June 5 may have been too early to take samples, and that results from last year's summer sampling showed surf smelt eggs at Howarth Park in late June and early July. Dan suggested taking more samples during that time period to see if there are any forage fish eggs. Elisa confirmed that there was enough money in the MRC budget for a few additional samples. Elisa will take 4 additional samples on June 27 and deliver the samples to Dan on June 28 to fill the data gap. The monthly sample at the index site will also be sampled on June 27. The next sample date will be August 17. From August 2017 – February 2018, the MRC will take the full range of 18 samples monthly at the nearshore restoration sites.

Snohomish Estuary Cleanup/ Derelict Vessels: Washington Department of Fish and Wildlife (WDFW) has provided \$50,000 in grant funds through the local integrating organization to SWM/MRC. The Snohomish MRC will match the grant with \$30,000 from the 2017 MRC WO228 budget. Washington Department of Natural Resources (WDNR) is also going to match the grant with approximately \$20,000-\$30,000 or more after the new biennium begins on July 1. There's a chance that the WDNR amount will be much larger but that will not be determined until July. The total working budget at this time is approximately \$100,000. The county and WDFW have drafted an Interagency Agreement (IAA) which SWM staff have routed to the public attorney's office and risk management. The project team has completed a prioritized list of derelict vessel in the Snohomish Estuary and are working with WDNR to determine the costs of removing the vessels on the list.

Choose MRC August Picnic Location

It was suggested that the annual Snohomish MRC picnic occur on August 16, 2017 from 6:30 to 8:30pm, replacing the monthly meeting. All in attendance thought that Boxcar Park in Everett would be a good location.

Announcements

- Paul Clampitt reported that members from the NWSC met on May 26, 2017 via WebEx. The NWSC annual report, budget items, and subcommittee reports were discussed at the meeting.
- Paul Clampitt reported that members from the LIO did not meet this month.
- Elisa asked MRC members to submit their volunteer hours for the quarter by July 5, 2017 using a new method. Elisa developed a spreadsheet with drop-down task names/descriptions. The use of limited descriptions will allow for better time analysis.
- Elisa reminded the committee that the Northwest Straits Commission will be hosting their next meeting at the Snohomish County Campus from 10-3pm on June 30, 2017. On June 13 Elisa Dawson attended the meeting on habitat and bridge elements for the Meadowdale Beach and Estuary Restoration Project. SWM Supervisor Dave Lucas also attended the meeting. Logan Daniels, Snohomish County Parks Engineer, gave an update on the design status of the park. The goal for the project is to improve access to the shoreline through an opening (culvert) beneath the train tracks. Currently, due to the undersized culvert, emergency response is limited to crossing the railroad tracks in order to access the shoreline. Additionally, the culvert size may limit fish passage, sediment delivery and drainage, as well as long term unsustainable maintenance issues. Snohomish County Parks will host an open house for the public on the project design on June 21, 2017.
- Sharon Swan, Principal Planner for Snohomish County Parks, set up a meeting with MRC representatives and SWM staff to discuss the Kayak Point Day Use area. The meeting was a follow up to Sharon's presentation to the MRC on May 17, 2017. Sharon, her consultant for the project, Jim Brennan, MRC members Laura Gurley and Franchesca Perez, and SWM staff Elisa Dawson and Zach Brown met to discuss the project on June 13. Sharon and Jim shared information on the park design, including schematics for the proposed soft-shore berm. The group discussed habitat features that could be added in the design. Sharon and Jim agreed that habitat features need to be considered and that they were interested in incorporating the ideas from the MRC in their next design step. Sharon will continue to keep the MRC updated as the process moves forward.
- The Marine Resource Committee (MRC) will be receiving approximate ¼ time of a Surface Water Management (SWM) intern during the months on June – August 2017. Intern Tim Keal started on June 13. Tim will be working on the MRC's Forage Fish Ecosystem Analysis project. For this project he will be working on compiling the data taken since 2012 in the form of forage fish eggs absence/presence and abundance, sediment size analysis, and photographs. Tim will receive help from MRC and SWM staff to look at this data for patterns, correlation, etc.
- The MRC will receive support, including meeting support, from SWM staff Bob Bernhard during Kathleen's maternity leave. Bob is a Planner for Snohomish County Surface Water Management and will be able to dedicate approximately 5 hours per week to the MRC.
- All MRC members need to choose a date for County Boards and Commissions Training: Wednesday, July 12th, 6:00 pm – 8:00 pm, Snohomish County Campus, Public Meeting Rooms, 3000 Rockefeller Ave., Everett 98201, Wednesday, Aug. 9th, Wednesday, Sept. 13th, Wednesday, Oct. 11th, Wednesday, Nov. 8th, Wednesday, Dec. 13th,

Running List of MRC Actions:

- Elisa will send the MyCoast Press release to Laura Gurley. Laura will forward the release on to Port partners.
- Paul and Bob will bring the crabber education packets to the Everett Boat Launch on July 1 and July 2.
- Elisa will schedule Ryan Williams for the July MRC Meeting.
- Elisa will send out an email on the MRC August Picnic.
- Elisa will follow up with Laura on the NWSF armor removal funds.

The meeting adjourned at 8:40 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

July 19, 2017 6:30-8:30PM

3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor, 6A02

<p>MRC Members Present Sarah Brown Tom Doerge Mike Ehlebracht Laura Gurley Deborah Hopkins Franchesca Perez Cathy Stanley Susan Tarpley Craig Wollam</p> <p>Absent Paul Clampitt (excused) Bob Hillmann (excused) Traci Sanderson (excused)</p>	<p>Staff, Presenters, and Others Elisa Dawson, Snohomish County MRC Planner Bob Bernhard, SWM Planner</p> <p>Ryan Williams, Snohomish Conservation District</p>
<p>Summary of Decisions</p> <p>The MRC approved the May 17, 2017 and June 21, 2017 MRC Meeting Summaries.</p> <p>The MRC will write a letter to the County Council regarding the Snohomish Conservation District</p> <p>The MRC agreed to help fund the derelict crab pot removal project done in Port Gardner for 2018.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • The next forage fish sampling will be August 17, 2017. • The Snohomish MRC picnic will be on August 16, 2017, 6:30-8:30pm at Boxcar Park • Festival of the River is August 12 and 13 • Warm Beach Summerfest is August 12. • Boards and Commissions Appreciation Event at the Evergreen State Fair. August 28 6-8PM. • The next Boards and Commissions Training is Wednesday, Sept. 13th, 6:00 pm – 8:00 pm, Willis D. Tucker Community Park, Gary Weikel Room, 6705 Puget Park Drive, Snohomish 98296 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:30pm.

Elisa Dawson introduced the guest speaker for the meeting, Ryan Williams, Program Integration Manager for the Snohomish Conservation District (SCD).

Approval of MRC Meeting Summary

Tom Doerge made a motion to approve the May 17, 2017 and June 21, 2017 MRC Meeting Summaries. Laura Gurley seconded the motion. All were in favor and the motion passed.

Snohomish Conservation District Request for Letter of Support

During the previous month's MRC meeting Ryan Williams, Program Integration Manager for the Snohomish Conservation District, presented a proposed fee increase for the SCD and requested a Letter of Support from the MRC. The letter would be given to the County Council in the fall of 2017 when the SCD presents the proposed change in their fees, from an assessment structure to a rates and charges structure.

Recap of the June 17 presentation

Before the June meeting a series of questions was sent to Ryan.

1. What type of technical assistance have you given to shoreline residents?
2. Do you have a specific outreach plan?
3. How many people have you connected with and do you have a target plan/amount that would be the goal if the rate increase goes through?

Below is Ryan's response which he discussed during the June 21, 2017 meeting:

"Most of our work focuses on improving water quality and habitat throughout Snohomish County and Camano Island. With the new Rates and Charges effort the majority of the new funding is focusing on urban stormwater and ways to reduce its impact through things like rain gardens and water catchment. We plan to increase our technical and financial assistance programs. For the marine environment we have done some work with our existing assessment. We have conducted 15 marine shoreline site visits in the last three years and cost shared on one project, a nearshore planting along 500 feet of shoreline on Camano Island. All of this was generated by either word of mouth or events that were not directly related to marine shoreline outreach. We are still trying to determine how our expertise in landowner technical assistance can be applied in a meaningful way so we have not developed a clear outreach plan. Most of our funding is tied up in our active grants which has focused on freshwater activities. We are about to begin our next 5-year planning process and this is a good time to try to define where we can support marine efforts. We hope to engage the MRC in our 5-year planning process to see where we can help."

After the June presentation Ryan was asked by the MRC to return in July and elaborate more on future efforts that would benefit coastal and nearshore environments.

Prior to the July meeting SWM management determined that a Letter of Support from the MRC on SCD's rates and charges restructuring, like all Letters of Support, would require the MRC to seek approval from the County Council. Because the Snohomish County Council would ultimately be the recipient of the Letter of Support, the MRC decided to instead write a letter to council supporting the potential for future collaborative efforts with the SCD. This letter will not include any language supporting an increase in rates and charges. MRC members Tom Doerge, Mike Ehlebracht, Laura Gurley and Susan Tarpley agreed to write a letter

Ryan stated that the Rates and Charges increase, if passed, would allow the SCD to:

1. Continue to focus work in the Stillaguamish River watershed,
2. Implement more projects instead of spending time trying to secure grant money; and
3. Increase landowner engagement.

Recreational Crabber Outreach - Opening Weekend

The Snohomish County MRC partnered with Snohomish County Beach Watchers for 2017 Crabber Education on opening weekend July 1 and 2. Volunteers helped distribute packets, containing information and gauges, at the Everett 10th street boat launch, Kayak Point Park boat launch, and the Edmonds pier and boat launch on both days from approximately 6AM-3PM.

Total: 1,031 crabber education packets handed out in Snohomish County. The Snohomish County MRC partnered with Snohomish County Beach Watchers for 2017 Crabber Education on opening weekend July 1 and 2. Volunteers helped distribute packets at the Everett 10th street boat launch, Kayak Point Park boat launch, and the Edmonds pier and boat launch on both days from approximately 6AM-3PM. Final totals from opening weekend were 564 packets were given to crabbers at the Everett Boat Launch, 292 at Kayak Point Park, and 75 packets at the Edmonds Marina. Packets continue to be handed out and available at the Edmonds Marina Visitor's Center, and approximately 100+ additional packets have been given to crabbers out since opening weekend finished. Suggestions for next year included lessening the amount of plastic wrap in the packets, starting as early as 5AM, and ending earlier, such as 12-2PM. Volunteers also suggested keeping the gauges outside of the packet, as many crabbers already had the gauges and didn't need an extra, but were still interested in the rest of the materials. The MRC discussed designating a few locations to have packets available with pots and licenses at vendor locations as part of the outreach effort in future years.

Oil Spill Subcommittee Update

Susan Tarpley reported that the Oil Spill Subcommittee letter on the Stillaguamish GRP update which was submitted to Ecology on June 15, 2017, was received and Ecology did reach out to the MRC for some clarification. The final version of the update has been released. Ecology did incorporate some of the MRC comments into the revision of the Stillaguamish GRP, though the MRC noted that not all of their comments were addressed in the revision.

The Oil Spill Subcommittee spoke with the Washington State University (WSU) Extension on the WSU Near Term Action to create a regional oil response program. WSU has recently received news of potential funding for this NTA. The MRC spoke with Chrys regarding their role in the project. At this time, the Oil Spill Subcommittee priorities do not include creating and managing a volunteer response team. Instead, the MRC is interested in being the agency liaison for the model volunteer program WSU is working on. The MRC agreed to continue the conversation with WSU to define their role in the project.

Susan Tarpley attended the FEMA oil spill response virtual desktop webinar. Twelve regions participated nationwide with varying degrees of agencies present (e.g., fire departments, department of health, municipal representatives, police and school districts). A virtual oil spill at the Port of Everett tested participating agencies located within Snohomish County. Susan thought the drill was a valuable tool and would like to see it implemented again with participation from the cities of Mukilteo and Edmonds (whom did not participate). It was suggested during the MRC meeting that the county could develop a map that identified facilities/locations where hazardous materials are stored.

Boards and Commissions Training, and MRC Member County Email Update

Snohomish County has begun holding Boards and Commissions Training for all Snohomish County board members and commissioners. Franchesca, Debbie, and Laura attended the July Training. The Boards and Commissions Training was designed by the Snohomish County Executive's Office to ensure that all county board members and commissioners receive current and consistent information

regarding the Public Records Act, Open Public Meetings Act, the use of county issued email accounts, human resources, ethics, and general information about Snohomish County Government and Boards and Commissions.

Sessions will occur monthly through the end of 2017 and quarterly thereafter. The expectation is that Snohomish County board members and commissioners attend a training session within 90 days of their initial appointment and every four years thereafter so long as they are serving on a board or commission. The county is requesting that all current members attend one training in 2017 to ensure that everyone has access to the same information and resources.

Elisa reported that any MRC members who do not represent a tribe or agency in an official capacity are requested to begin using the Snohomish County issued email address as soon as possible. Please send a test email to Elisa to confirm the creation of a county email address.

MRC August Picnic

The MRC meeting on August 16 from 6:30-8:30PM will be the summer potluck. The location of the Potluck will be Boxcar Park, 12000 Millwright Loop West Everett, WA 98201. Laura Gurley has volunteered to bring drinks, all other members will bring a dish of their choosing.

Announcements

- NWSC Update- Elisa gave the report from Paul who is out of town. “We had a NWSC Ex. meeting on July 10th. We mostly discussed funding and the good news was we secured \$228,000 from the state to be divided up equally among all the MRC's. Although this is just for next year so we are working on getting a bill passed in the future. We are also optimistic about getting our EPA funding. The NWSC is busy planning for the next MRC conference and may have Kevin Rankin speak at it. He was instrumental in getting the funding from the state.
- LIO Update- Elisa reported that there was no LIO meeting this month. The next LIO meeting will be July 27.
- Volunteer Hours Use the blank sheet to keep track of hours for July – Sept. Hours will be due at the end of September.
- Elisa and Tim collected FF samples June 27 at sites 13 and index site. Site 13 samples were processed by Dan, but no eggs were found. This result differs from last year at this time, when surf smelt eggs were found during the summer at site 13. The monthly sample at the index site were also sampled on June 27 and on July 17. The sample was processed using the blue vortex method and delivered to Lucas Hart who will get the sample to WDFW for lab processing. The next sample date will be August 17. Cathy, Tom, and Craig volunteered to help take samples at Howarth Park on August 17. From August 2017 – February 2018, the MRC will take the full range of 18 samples monthly at the nearshore restoration sites.
- Elisa and Tim collected the monthly forage fish Index Site sample July 17.
- Elisa asked if anyone could attend Warm beach Summerfest on Saturday, August 12, 11:00AM to 3:00PM. Currently, there are no MRC member volunteers to do outreach at the event.
- Elisa reported that there was a discussion at a MRC staff meeting about if we should have a net pen discussion at our MRC conference (in November), and, if so, what it would look like to have the topic on the agenda in a productive way. The MRC conference committee is currently brainstorming ideas for the possible net pen discussion.

- Snohomish County Parks hosted an open house for the public on the design on June 21, 2017. Elisa provided a copy of the meeting presentation materials for those who were interested. Elisa and Mike will be attending Snohomish County Meadowdale Beach Park and Estuary Restoration Project Stakeholder Meeting on July 31.
- The Meadowdale Ecosystem services valuation kick-off meeting with Earth Economics will be immediately after the Meadowdale stakeholder meeting on July 31.
- Elisa reported that the quarterly grant report for the Storm Surge grant was completed on July 6. MRC staff have begun working on the mailer for the September 14, 2017 community update where information from the data summary report will be shared with participants and interested public.
- Elisa reported that the county and WDFW Interagency Agreement (IAA) for derelict boat removal in the Snohomish Estuary is being reviewed by the public attorney's office and risk management. There was a meeting among the different Snohomish County Departments which would be involved in this IAA to discuss the contract on July 6. At the meeting, several questions came up and the contract is still under review. It is probable that there will need to be some revisions to the contract.
- Elisa reported that WDFW has sent paperwork to the MRC for a letter of commitment for the MRC for one mussel watch site for the 2017-2018 monitoring season. The letter of commitment would require the MRC to agree to pay the Washington Department of Fish and Wildlife (WDFW) a sum not to exceed \$2,889 to sponsor one (1) mussel cage site as part of the 2017/18 SAM Mussel Monitoring survey, for the project period of September 1, 2017 to November 30, 2018. The MRC agreed to commit to one site at Brackett's Landing, as has been done in previous years. Elisa will complete the letter of commitment, and Mike will review the letter.
- Elisa and Susan reported that Jason Morgan from the Northwest Straits Foundation (NWSF) has asked the Snohomish MRC if they can budget any money for derelict crab pot removal. Derelict crab pot removal has been done in Port Gardner for several years. Funding for the Port Gardner project has come from different sources year to year. Currently, the NWSF are under contract with WDFW for derelict crab pot removals in high priority areas. \$1.00 of every Puget Sound crab endorsement purchased is earmarked for derelict crab pot removal. A portion of that pot funds WDFW's Enforcement sweeps of crab pots on closed crabbing days, and a portion of that has come to us derelict crab pot removal (this agreement has been in place since 2013). The funding the NWSF currently has under this agreement is nearly gone, and the NWSF is working on an amendment for additional funding. The Port Gardner Crab Pot Removal Project to be completed in January 2018 will include surveys and removals in the "Port Gardner Study Area," investigation of escape cord compliance and probable reason for pot loss. The "Study Area" is an area of Port Gardner where removal projects have been completed for multiple years providing an opportunity to analyze gear loss overtime. A final report will be prepared detailing results, including comparing with results from past years to identify trends/changes/anomalies in loss rate, escape cord compliance, and reason for pot loss. These results could be used in evaluating the effectiveness of the MRC's outreach efforts. Elisa reported that if the MRC considers this project a priority project, they may choose to use funds available to the MRC on the Port Gardner Crab Pot Removal Project. The Snohomish MRC members came to consensus on contributing a minimum of \$5,000 and up to an additional \$5,000 if sufficient funds are available in the future. Elisa will review the budget and talk to Jason to further discuss this project.

Running List of MRC Actions:

- Elisa will complete the letter of commitment for one mussel watch site for the 2017-2018 monitoring season, and Mike will review the letter.
- Elisa will review the budget and talk to Jason to further discuss funding for the derelict crab port removal project
- Cathy, Tom, and Craig will attend the forage fish sampling event on August 17.
- MRC members who have not done so yet, will set up their county email addresses.
- Tom Doerge, Mike Ehlebracht, Laura Gurley and Susan Tarpley will write the letter to Snohomish County Council regarding the Snohomish Conservation District.

The meeting adjourned at 8:35 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

August 16, 2017 6:30-8:30PM
Boxcar Park. 1200 Millwright Loop West
Everett, WA 98201

<p>MRC Members Present Sarah Brown Tom Doerge Mike Ehlebracht Laura Gurley Deborah Hopkins Franchesca Perez Cathy Stanley Susan Tarpley Craig Wollam</p> <p>Absent Paul Clampitt (excused) Bob Hillmann (excused) Traci Sanderson (excused)</p>	<p>Staff, Presenters, and Others Elisa Dawson, Snohomish County MRC Planner</p> <p>Alyson Rae, Confluence David Bain, Sound Action Lisa Kaufman, Northwest Straits Foundation</p>
<p>Summary of Decisions</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • The next forage fish sampling will be Sept 19, 2017. • Boards and Commissions Appreciation Event at the Evergreen State Fair. August 28 6-8PM. • The next Boards and Commissions Training is Wednesday, Sept. 13th, 6:00 pm – 8:00 pm, Willis D. Tucker Community Park, Gary Weikel Room, 6705 Puget Park Drive, Snohomish 98296 • The 19th Annual MRC Conference will be November 3-4 at the Four Points in Bellingham, WA. 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:30pm.

Franchesca introduced the guest speaker for the meeting, Lisa Kaufman with the Northwest Straits Foundation, and welcomed the other guests.

Approval of MRC Meeting Summary

The MRC will approve the July meeting summary at the September 20th MRC Meeting.

Northwest Straits Foundation and Snohomish County MRC Armor Removal Project

Lisa Kaufman introduced herself as the Shoreline Restoration Project Manager for the Northwest Straits Foundation. She works on shoreline projects on behalf of the Foundation and MRCs. Lisa has worked with the Snohomish MRC in the past on projects for shoreline armor removal in Port Susan. Lisa was last working with the Snohomish MRC on this project in 2015. Since it has been several years and many of the MRC members are new, Lisa gave an overview of the history of the project and its current status.

The project left off in 2015, when a project team, including MRC staff and Port Susan subcommittee members, developed an outreach strategy based on results of the *Port Susan Marine Stewardship Area Armor Removal Assessment Report for Snohomish County Marine Resources Committee* produced by Coastal Geologic Services (CGS). The project team evaluated multiple outreach strategies including a mass mailing, direct phone calls to landowners, and community/neighborhood meetings. Due to the limited time remaining on that grant contract, the project team determined that the best initial outreach strategy was to send a mailing to all priority parcels in the study area. A few parcels were eliminated from the mailing for various reasons based on observations from a field survey of the study area. Eliminated parcels included all the parcels at Tulare Beach, one site where armor was not visible, and one site that did not appear feasible for bulkhead removal at this time. The mailing was sent on August 27, 2015 with a requested response date of September 10, 2015. Initially following the mailing, three landowners requested site visits. All landowner parcels are located in the McKees Beach area of Port Susan. Snohomish County staff coordinated with landowners and Jim Johannessen (CGS) to schedule site visits. Jim Johannessen conducted the three site visits on September 15, 2015. After the initial site visits were scheduled, two additional landowners requested site visits in the McKees Beach area. One landowner requested a site visit for a parcel north of Warm Beach. These additional site visits were referred to the Northwest Straits Foundation (NWSF) as they had a similar grant with additional funding to complete site visits in Snohomish County.

However, no sites in Snohomish County were found to be successful candidates for shoreline armor removal during the 2015 effort by the time the grant ended. After about a year without grant funding for the project, the Northwest Straits Foundation has recently received additional grant funds in 2017 to keep working on this project. Lisa would like to make another push to try to find properties with viable shoreline protection projects with this funding. Lisa explained that the outreach strategy for this round includes outreach at the Warm Beach Summerfest (which occurred August 12 and Zoe from the NWSF and Elisa attended), mailers, additional outreach at the September 14 Storm Surge workshop, and a workshop on October 14 at the Lake Goodwin Community Club for Port Susan residents to learn about shoreline property protection from Jim Johannessen (CGS). Ultimately, Lisa would like to have several properties who are interested in site visits and ultimately may be potential sites for restoration projects.

Additionally, the MRC and Lisa discussed previous project ideas to coordinate with land protection organizations and partners in Snohomish and Island counties to explore protection and conservation easement options for parcels considered high priority for protection in the Port Susan Marine Stewardship Area. There is not currently a mechanism for protection of private shoreline parcels in Snohomish County. The MRC is interested in continuing to find ways to address this issue, such as through the Shoreline Management Plan update that is currently occurring at Snohomish County.

Announcements

- NWSC Update- Mike Ehlebracht attended the July 28th NWSC meeting as the alternate because Paul was out of town via WebEx. Mike shared that the NWSC had a presentation on the Pacific Shellfish Institutes recent study about shellfish farming improving water quality. The article can be found here: <http://pacshell.org/mussel-power.asp>. At the meeting the commission also approved the budget providing funding of \$74,000 to each MRC and an ecosystem budget to support regional and multi-county projects.
- LIO Update- Elisa reported that there was an LIO meeting on July 27. Elisa attended as the alternate because Paul was out of town. The LIO has been allocated \$100,000 of funding for a local project. The meeting on July 27 focused on reviewing the funding criteria and refining selection criteria for a local project to allocate the \$100,000. At the 7/27 meeting, members chose the following criteria to use for this round of funding: 1.) “Bang for the buck” and co-benefit efforts, 2.) The 2016 LIO subcommittee scores, and 3.) Non-capital efforts. At the meeting, a subcommittee was formed to look at projects relating to these criteria. A subcommittee met on August 16 to review projects relating to these criteria. The MRC project for removing derelict boats from the Snohomish Estuary is included on the list 5 potential projects to be chosen by the Implementation Committee for funding. Elisa will be attending the 8/24 meeting where a project will be chosen for recommending funding.
- Volunteer Hours Use the blank sheet to keep track of hours for July – Sept. Hours will be due at the end of September.
- Elisa and Tim collected the monthly forage fish Index Site sample July 17. It was processed using the blue vortex and delivered to WDFW for further processing.
- The next forage fish sample date will be August 17. Cathy, Tom, and Craig volunteered to help take samples at Howarth Park on August 17. From August 2017 – February 2018, the MRC will take the full range of 18 samples monthly at the nearshore restoration sites.
- Elisa attended the Warm Beach Summerfest on Saturday, August 12, 11:00AM to 3:00PM. Zoe from the NWSF was also there. They handed out materials on Port Susan, Shoreline Protection, septic system information, and invited people to the October 14th workshop at Lake Goodwin Community Club. Furthermore, people were invited to sign up for shoreline assessments. Four landowners signed up for site visits.
- Elisa and Mike attended Snohomish County Meadowdale Beach Park and Estuary Restoration Project Stakeholder Meeting on July 31. Mike provided feedback on behalf of the MRC on the project design. Mike reported that the Meadowdale project is at 30% design.
- The Meadowdale Ecosystem services valuation kick-off meeting with Earth Economics was held immediately after the Meadowdale stakeholder meeting on July 31. Mike and Elisa attended the meeting. Elisa has provided information to Earth Economics on forage fish and oil spill response.
- The final Storm surge workshop will be September 14 from 4PM-5:30PM at Kayak Point Regional Park. Elisa solicited volunteers to help with the event. MRC staff have begun working on the mailer for the event.
- Elisa reported that the county and WDFW Interagency Agreement (IAA) for derelict boat removal in the Snohomish Estuary is being reviewed by the public attorney’s office and risk management. The public attorney and risk management are still reviewing the document after the meeting to discuss the contract on July 6. At the meeting, several

questions came up and the contract is still under review. It is probable that there will need to be some revisions to the contract.

- Elisa provided copies of the MRC letter of commitment to WDFW for one mussel watch site for the 2017-2018 monitoring season. The letter of commitment requires the MRC to agree to pay the Washington Department of Fish and Wildlife (WDFW) a sum not to exceed \$2,889 to sponsor one (1) mussel cage site as part of the 2017/18 SAM Mussel Monitoring survey, for the project period of September 1, 2017 to November 30, 2018. The MRC agreed to commit to one site at Brackett's Landing, as has been done in previous years. Elisa will send the completed letter of commitment to WDFW.

Running List of MRC Actions:

- Elisa will send the letter of commitment for one mussel watch site for the 2017-2018 monitoring season to WDFW.
- Cathy, Tom, and Craig will attend the forage fish sampling event on August 17.
- Tom Doerge, Mike Ehlebracht, Laura Gurley and Susan Tarpley will continue to work on the letter to Snohomish County Council regarding the Snohomish Conservation District.

The meeting adjourned at 7:15 pm and the MRC hosted their annual Summer Potluck Picnic following the meeting.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

September 20, 2017 6:30-8:30PM
3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor, 6A02

<p>MRC Members Present Paul Clampitt Tom Doerge Mike Ehlebracht Deborah Hopkins Traci Sanderson Cathy Stanley Susan Tarpley Craig Wollam (by phone)</p> <p>Absent Sarah Brown (excused) Laura Gurley (excused) Bob Hillmann (excused) Franchesca Perez (excused)</p>	<p>Staff, Presenters, and Others Elisa Dawson, Snohomish County MRC Planner Bob Bernhard, SWM Planner</p> <p>Ryan Williams, Snohomish Conservation District</p>
<p>Summary of Decisions</p> <p>The MRC approved the July 19, 2017 and August 16, 2017 MRC Meeting Summaries.</p> <p>The MRC will modify a letter written to the County Council regarding the Snohomish Conservation District and will deliver the letter before the October 18, 2017 council hearing.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • The next forage fish sampling will be October 18, 2017. • Port Susan shoreline property protection and maintenance workshop at Lake Goodwin Community Club on Saturday, October 14. • The next Boards and Commissions Training is Wednesday, October 11th, 6:00 pm – 8:00 pm, Evergreen State Fairgrounds, Long House 14405 179th Ave. SE, Monroe 9827; or Wednesday, Nov. 8th, Wednesday, Dec. 13th at Snohomish County Campus, Public Meeting Rooms 3000 Rockefeller Ave., Everett 98201 	

Welcome and Introductions

Co-Chair Traci Sanderson opened the Marine Resources Committee (MRC) meeting with a quorum at 6:30pm.

Elisa Dawson introduced the guest speaker for the meeting, Ryan Williams, Program Integration Manager for the Snohomish Conservation District (SCD).

Approval of MRC Meeting Summary

Mike Ehlebracht made a motion to approve the July 19, 2017 and August 16, 2017 MRC Meeting Summaries. Susan Tarpley and Tom Doerge seconded the motions, respectively. All were in favor and the motion passed.

Kelp mapping 2017

Tom Doerge gave an update of the 2017 kelp mapping. Kelp maps were provided for the group and displayed on the projector. Elisa Dawson, Lincoln Loehr, and Tom Doerge conducted Snohomish County MRC's yearly kelp mapping on August 7-9. The kelp team surveyed locations at Meadowdale, Edmonds, and Mukilteo. Snohomish County SWM GIS personnel started using the data collected to add to maps created from previous surveys in order to monitor change over time. On August 24, Tom Doerge and Tim Keal joined Cathy Stanley in the Tulalip Tribes' boat to do some initial reconnaissance for kelp near Hat Island in Snohomish County. During the Hat Island kelp reconnaissance, the team was able to map a 27 acre kelp bed on the south end of Hat Island. There may also be additional kelp beds on the west and north sides of the island, but the team did not have time to map these due to tides. Next year, it would be good to do additional reconnaissance around Hat Island.

The maps show a decrease in kelp bed surface area over the three years data has been collected, 2015-2017. A group discussion was held on the decrease of bull kelp at all three sites. Possible reasons for the decrease in bull kelp production could be attributed to increased water temperatures. Increased sedimentation during the spring season, leading to a sandier substrate not suitable for kelp development or burying seeds, was also discussed. It was agreed that continued annual monitoring will be beneficial to better understand factors impacting kelp beds. The MRC would like to learn more about the additional monitoring the Northwest Straits Commission is conducting on kelp condition. Elisa mentioned there should be an update of the kelp data at the Northwest Straits Conference this November 3-4.

After the meeting GIS files were accessed to calculate approximate loss of kelp surface area. The total surface area of bull kelp at the Edmonds' site decreased from 16.51 acres in 2015 to 7.43 acres in 2017, a loss of 55%. The total surface area of bull kelp at the Meadowdale site experienced a loss of approximately 84%, from 1.52 acres in 2015 to 0.25 acres in 2017. The greatest percent loss occurred at the Mukilteo site with a reduction of approximately 96%, 5.17 acres in 2015 to 0.18 acres in 2017.

Subcommittee Reports:

MRC Storm Surge Grant:

Elisa Dawson gave an update on the Storm Surge grant. The MRC has purchased a multiparameter monitoring device to replace the existing monitoring device at Kayak Point. The new device includes a conductivity probe. The monitoring device without a conductivity probe will be deployed at a new site, which is still under consideration. Elisa asked the MRC for input on possible locations. Several MRC members thought that the Edmonds or Mukilteo ferry terminals may be a good spot. Another suggestion was to put the probe at another location in Port Susan, in order to continue to gain detailed information in that area. Elisa will follow up with Dr. Eric Grossman on possible locations. Susan Tarpley will contact Snohomish County Department of Emergency Management to solicit any feedback from them on possible locations.

Elisa then discussed the September 14th Storm Surge workshop. The Storm Surge workshop had an attendance of 14 residents from the Port Susan area with 2 repeat attendees from the previous workshop. Dr. Eric Grossman demonstrated the USGS model for the attendees and spoke about the

importance of citizens' efforts to capture storm surge events with photographs. Lisa Kauffman spoke about armoring removal and explained what she was able to provide as support (e.g., permit writing and site evaluations). Elisa Dawson reviewed the MyCoast app and showed the attendees the onsite multiparameter datasonde located at the Kayak Point Regional Park pier. Guests were also invited to attend an October 14 shoreline landowner's workshop at the Lake Goodwin Community Club. This event, hosted by the Northwest Straits Foundation and the Snohomish County Marine Resources Committee, will feature a presentation by Jim Johannessen, a coastal processes expert. Workshop topics include how to manage beach and bluff erosion, enhancing beach access, and using native vegetation for slope stability and habitat. Participants will also receive information on free site visits by a private, shoreline management professional to learn how to protect their property.

Ocean Literacy Grant

Elisa announced that the documentaries grant was submitted to NWSC and are currently awaiting approval from the NWSC. The Ocean Literacy subcommittee is taking next steps to coordinate the screening of three movies. Two locations will be selected to screen three movies each. The potential locations include U of W at Bothell, Everett Community College, Everett Performing Arts Center, the Edmonds Theater (415 Main St) and Edmonds Community College. The screenings will take place between January and May of 2018. Debbie will follow up with the subcommittee to determine dates and movies.

Oil Spill Prevention, Preparedness and Response

Susan Tarpley updated the Snohomish MRC on the oil spill prevention, preparedness and response. Currently the response plan is still in review with Snohomish County. The Snohomish MRC will be allowed to preview the county's hazardous materials spill plan. The City of Stanwood will be participating in an oil train spill drill on October 18th, 2017. Susan Tarpley is unable to attend the drill.

Mussel Watch

Mike Ehlebracht spoke to the Snohomish MRC about the 2017-2018 Mussel Watch season. A Letter of Commitment has been signed by WDFW and is awaiting signature from the Snohomish County Public Works Director. Elisa and Tom conducted recon at Port of Everett for WDFW on September 18. Elisa and Tom did recon at the 10th street boat launch and Boxcar Park. Tom and Elisa found a workable site at the 10th street boat launch and reported the information to WDFW. The MRC will be sponsoring one Caged Mussel Watch site at Brackett's Landing in Edmonds. A deployment date was discussed, between November 5-9. A tentative deployment for the evening of Sunday, November 5th has been agreed upon by participating MRC members. It is estimated that it will take approximately 1.5 hours to deploy the cages.

Recreational Fisheries Education:

Elisa Dawson and Bob Hillmann attended a follow up meeting on August 4th with Snohomish County Beach Watchers to review the 2017 Crabber Education Project. In total: 1,031 crabber education packets handed out in Snohomish County this year for this project. The Team discussed what went well, and possible changes and improvements for next. Overall, the team thought the project was well organized and a highlight was the training that was offered by WSU Extension prior to crabber opening weekend. Suggestions for next year included lessening the amount of plastic wrap in the packets, starting as early as 5AM, and ending earlier such as 12-2PM. Volunteers also suggested keeping the gauges outside of the packet, as many crabbers already had the gauges and were only interested in the educational materials. The team also discussed future

outreach efforts to include the distribution of packets from vendors whom sell crab pots and licenses.

Forage Fish:

SWM staff continue to work with a team of researchers from the University of Washington on the ESRP grant. Samples were taken on September 19. The next sample date is October 18th, meet at Howarth Park at 10:30AM. Tom Doerge volunteered to assist on the boat run while Paul Clampitt has agreed to assist at the Meadowdale and Picnic Point locations. Elisa will send out an email to solicit volunteers to help at Howarth Park.

Snohomish Estuary Cleanup/ Derelict Vessels:

Elisa Dawson reported that she and Zach Brown met with the PA and discussed the contract on Monday, September 18th. The PA does not think a contract is needed. After researching chapter 79.100 RCW on derelict vessels, which was mentioned several times in the agreement, the County's rights and responsibilities regarding the removal of derelict vessels was determined to be fully contained within that chapter of statute. The statute specifies the County may recover up to 90% of the total reasonable and auditable costs of abandoned or derelict vessels. Indeed, the County's rights and responsibilities are more fully articulated under chapter 79.100 RCW than they are under the proposed agreement. Further, as indicated by the Snohomish County Contracts representative, the County can utilize the Department of Enterprises Services (DES) Derelict Vessel Master agreement without entering into this agreement with DNR. . Next SWM staff will discuss with DNR if a contract is needed from their perspective or if we can move forward with either a scope of work or MOU.

MRC Letter regarding Snohomish Conservation District

Mike Ehlebracht reviewed the draft letter with the Snohomish MRC. Several members agreed that the letter could benefit from an additional sentence or two mentioning that projects should be sought out by the Snohomish Conservation District in nearshore communities, areas that have not received much attention from the Snohomish Conservation District in the past. Recipients to be included in the cc are Will Hall (SWM), Greg Farris (SWM) and Ryan Williams (SCD). The MRC will modify a letter written to the County Council regarding the Snohomish Conservation District and will deliver the letter before the October 18, 2017 council hearing.

Announcements

- NWSC Update- Tom Doerge attended the August 26th Northwest Straits Commission meeting as an alternate for Paul Clampitt. The meeting was held at the Pacific Rim Institute in Island County. The NWSC Committees gave reports, and there was a presentation on Education and Outreach in Island County. Other topics included a Puget Sound Partnership update, and a Northwest Straits Foundation update. Dr. Ron Thom and Dr. Tom Mumford have a presentation on defining Ecosystem Health.
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- LIO Update- Elisa for Paul Elisa Dawson attended the Snohomish-Stillaguamish Local Integrating Organization (LIO) met on July 27th. The LIO has \$100,000 to allocate to NTA(s) by the end of September 2017. The Executive Committee has prioritized using this money for a non-capital project. There was confusion on whether or not the Snohomish MRC NTA for Snohomish Estuary Cleanup was considered capital or non-capital. At an additional special meeting, attended by Elisa Dawson and Franchesca Perez, on August 16th, the LIO decided to keep the Snohomish Estuary Cleanup to be considered for funding. The final decision on project funding was decided on August 24th, and the MRC did not get funding. The LIO decided by vote to fund the Latino

Stormwater Outreach Program by WSU with the \$100,000. Elisa Dawson and MRC Co-Chair Sarah Brown attended the Snohomish County Boards and Commissions Appreciate Event on August 28 at the Evergreen State Fairgrounds. The Boards and Commissions members were greeted by Snohomish County Executive Dave Somers, thanked for their service, and were provided a catered dinner.

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- Elisa reminded MRC members that volunteer hours are due 9/28/17. Please turn in your hours ASAP
- Elisa reminded the MRC members to reserve hotel room and register for MRC conference, November 3-4 at the Four Points by Sheraton in Bellingham, Washington. Elisa requested that a google map with mileage of your home to the conference be sent to her so that she can process reimbursements for the MRC.
- Elisa asked the MRC if anyone is interested in participating on a subcommittee for ‘how science is used in decision making’, a UW study. The UW group would like 3-5 MRC participants. The group would set up an evening meeting to discuss how science is used in decision making for MRC member and dinner would be provided for participants.
- Elisa reported that the MRC has been contacted by a Girl Scout who needs a “gold project” (like Eagle Scout), and is interested in marine biology. Elisa suggested helping with the capturing beach change project. Debbie offered to help mentor the Girl Scout if she was interested in working with the MRC.
- Paul has volunteered for snacks for October and Susan has volunteered for November.
- Snohomish County SWM is creating a grant incentive program for water quality/environmental projects
- Business Plan Ad Hoc Board was created. Elisa reported that she has been asking management how the MRC will be involved. Elisa will ask management if someone from the Business Plan can come and present at the October MRC meeting.
- All MRC members need to choose a date for County Boards and Commissions Training Wednesday, October 11, 6:00 pm – 8:00 pm, Evergreen State Fairgrounds, Long House 14405 179th Ave. SE, Monroe 98272. Next opportunities are Wednesday, Nov. 8th, Wednesday, Dec. 13th at Snohomish County Campus, Public Meeting Rooms 3000 Rockefeller Ave., Everett 98201

Running List of MRC Actions:

- Tom and Paul will attend the forage fish sampling event on October 18. Elisa will send out an email soliciting more volunteers to help at Howarth Park.
- MRC members who have not done so yet need to attend a County Boards and Commission training workshop.
- Susan Tarpley will edit the letter to Snohomish County Council regarding the Snohomish Conservation District.
- Elisa will ask management if someone from the Business Plan can come and present at the October MRC meeting.
- Debbie will follow up with the MRC grant subcommittee to determine dates and movies.
- MRC members who have not already done so will register for the MRC conference and print a map of their mileage for Elisa. If an MRC member cannot attend the conference, they will discuss this with Elisa.

The meeting adjourned at 8:40 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

October 18, 2017 6:30-8:30PM
3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor

<p>MRC Members Present Paul Clampitt Tom Doerge Mike Ehlebracht Laura Gurley Bob Hillmann Deborah Hopkins Franchesca Perez Traci Sanderson Cathy Stanley Susan Tarpley Craig Wollam</p> <p>Absent Sarah Brown (excused)</p>	<p>Staff, Presenters, and Others Elisa Dawson, Snohomish County MRC Planner Will Hall, SWM Director Katrina Sukola, SWM Planner</p> <p>Kari Quaas, Snohomish Conservation District</p>
<p>Summary of Decisions</p> <p>The MRC approved the September 20, 2017 MRC Meeting Summaries.</p> <p>The MRC will provide a memo written to the SWM Director regarding the MRC’s concerns with the SWM Business Plan.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • Forage fish surveying November 2nd • MRC Conference November 3-4 at the Sheraton Four Points in Bellingham, WA • Mussel Watch: Monday November 6; Meet at your designated site 9:30 PM, mussel cage installation at 10:40 PM. May be postponed due to recent toxins found in shellfish • The next County Boards and Commissions Training is Wednesday, Nov. 8th or Wednesday, Dec. 13th at Snohomish County Campus, Public Meeting Rooms 3000 Rockefeller Ave., Everett 98201 	

Welcome and Introductions

Co-Chair Traci Sanderson opened the Marine Resources Committee (MRC) meeting with a quorum at 6:30pm.

Elisa Dawson introduced the guest speaker for the meeting, Will Hall, Snohomish County SWM Director, and called for self-introduction of participants.

Approval of MRC Meeting Summary

Mike Ehlebracht made a motion to approve the September 20, 2017 MRC Meeting Summaries. Paul Clampitt seconded the motions, respectively. All were in favor and the motion passed.

Snohomish County Surface Water Management Division Business Plan

Will Hall, Director of Snohomish County's Surface Water Management Division, presented the Division's efforts to develop a utility business plan. The business plan will lay the groundwork for the services SWM provides over the next 6 – 10 years. Acknowledging the importance of stakeholder input and the connection of SWM's services to MRC work, the presentation was followed by an opportunity for MRC members to provide feedback on the services SWM provides. Additional information and background on SWM's utility business plan can be found [here](#).

Francesca Perez provided questions ahead of time to MRC members. She will submit written comments to Will, but provided a verbal summary. She noted that SWM is a utility and provides a service, looking for input from customers, but SWM services are driven by State and Federal regulations. Will ensured the business plan will comply with Federal and State requirements, as legally required. Francesca noted that SWM should share or better communicate this requirement with customers.

Some examples of questions and concerns generated by the MRC include the following: Are there specific services that SWM doesn't currently provide; Need for increased communications to customers to educate about SWM services i.e. increased communications specialists, press releases, web support; Reduction in shoreline development.

Examples of services not currently provided include: Provide trash services at Howarth Park; publish data on stream cycles for residents, (this is challenge to make it accessible, but aware of the need to provide data); and increasing data on buffer streams and NPDES services.

Will noted that although there is communication between SWM and Planning and Development Services (PDS), there is desire for PDS to look to SWM more regularly, especially regarding policy issues. The Shoreline Master Plan is currently being updated. Formerly, there was a public process, but is being done differently for the current revision, with no public involvement. The MRC would be a strong voice to direct marine issues. It is appropriate to go through County Staff, however content would be specifically directed by MRC members, and conveyed through County Planners and other staff.

Debbie Hopkins noted that population growth is also a concern. Will noted there is a need to do a better job telling the story of County efforts. The County needs to stay in touch with the community for continued support. Tom Doerge asked if the county is accountable for funds. Will noted that rates are governed by council votes. County Council has the authority to set rates and votes to set fees. Mike Ehlebracht is concerned with stormwater management and quality, and the *Puget Sound Starts* here program. He would like to see the County a little more active in the communication of stormwater issues, promoting rain gardens, low impact development, and providing education for business to follow Best Management Practices. Francesca noted that messaging from the County seemed to be stronger 10 years ago, then it does currently. Will agreed, the *Puget Sound Starts* here program has been reduced. Rates have not gone up in 10 years, as a result some programs have been reduced or modified. Although there are more customers, service needs have also increased, and as required, no additional income is being generated.

Susan Tarpley noted there is additional development in unincorporated areas. Residents in these areas are not aware of SWM and their services. In the planning area, The County needs to better define 'submerged areas' for the general public to understand.

Debbie asked if there could be a better relationship with the Snohomish Health District. Will stated that the county works with the Health District as much as possible. There is an existing relationship with the County and the Health District, including resources for septic systems, which several other counties do not provide. The Health District's priorities are more directly related to public health, however the county does provide financial support. There is a concern for water quality, but septic systems are not part of surface water management, but are a waste water concern, although this is something to consider. A flat rate fee to maintain septic systems was not successful in King County, which Snohomish County was monitoring to determine application within the County. The rate could be a financial generator for the Health District, but would likely not be pursued. There are grants available for low income families to replace septic systems. Bob Hillmann was interested in sampling streams which are areas of concern. A grant is expected for a Pollution Identification Correctly Plan in the Stilly.

The MRC would like to see increased shellfish support for recreational shellfish opportunities. Restoration and shellfish habit enhancements would be beneficial to Snohomish County as well. Will noted that recreational shellfish areas are limited due to the proximity of stormwater outfalls. As required by the state, the County is developing a Port Susan response plan to restore shellfish closures. All water quality samples collected following the violation have been below action level thresholds, although 3 years of continuous data are needed before the shellfish downgrade can be revisited.

Francesca noted that by supporting the MRC, the dollar goes a long way, by multiplying the effort of a small number of staff through volunteer members of the MRC who can further engage on projects and efforts. Citizen science can be a valuable method to expand capacity. The MRC would also like to see SWM work closer with other agencies. It would benefit the MRC to have increased staff support and more consistency with staff.

Near Term Action (NTA) Discussion

Elisa Dawson and Paul Clampitt provided a review of potential NTA's the MRC could submit. The main purpose for submitting an NTA is to have your project added into the Puget Sound Partnership's Action Agenda. The Action Agenda serves as a regional and local prioritization of projects. Secondary to this is obtaining funding. Getting into the action agenda helps get a project "on the market" for funding. Funders may require or prioritize projects included in the Action Agenda.

Previously NTAs were part of a 2 year Action Agenda, this Action Agenda will be for 4 years. This means the MRC really need to strategize the projects we want to have included in the Action Agenda for the next 4 years. Because there is a new ranking process, the MRC must resubmit projects from last round. This provides an opportunity to rethink MRC projects.

To submit an NTA, a fiscal sponsor is needed. The MRC cannot be its own fiscal sponsor and therefore cannot submit an NTA wholly on its own. Either Snohomish County, the Northwest Straits Commission, or the Northwest Straits Foundation would serve as a fiscal sponsor depending on the project. This is something that will be discussed more as we move forward, most importantly as the MRC is putting together a list of priority projects that we want included as NTAs.

The Local Integrating Organization (LIO) says there is no project too big or too small for the Action Agenda. However, Elisa's recommendation is to bundle small projects (anything less than \$50,000), and also think about making realistic goals for 4 years. One idea could be breaking projects into multiple pieces to help put the money in more digestible chunks.

Projects need to fit into one of the following three buckets, for improving either: Habitat, Shellfish, or Stormwater. In the last round, the Snohomish MRC had all Habitat projects. Projects like crab pot removal, recreational fisheries education are not a good fit for the Action Agenda.

The goal for the October meeting is to create a list of projects the MRC would like to include in the Action Agenda, and prioritize projects (prioritized projects are **noted in bold** below). Prior to the meeting, MRC members reviewed the previous NTAs submitted for the 2016 Action Agenda by the Snohomish MRC.

List of NTA ideas:

- **Meadowdale** – The MRC may need to break this project into phases, to facilitate cost and planning. The Project is currently at 30% design. This is a large investment for MRC due to efforts already directed to this project. This project is managed by Snohomish County Parks, and the MRC will have to work with County to determine if Parks will submit this as an NTA, or if MRC would submit it on behalf of Parks. MRC will work with Logan from Parks on this and determine who would be the project lead.
- **(Snohomish Estuary) Derelict Boats** – The LIO could provide \$30,000 – \$60,000 to support this effort, however even with this funding, it is still worthwhile to submit this as NTA for future funding. It may be beneficial to separate derelict boat and the **creosote piling** projects, consider possible edits to these projects from the previous submission.
- **Port Susan** - The MRC will consider possible edits to this
- **Beach Re-nourishment** – This could be a new NTA submitted by the MRC. The MRC would consider new areas for beach nourishment and enhancing areas along the 4.5 mile stretch that has already been nourished once.
- **Eelgrass survey** - The MRC should reach out to the NWSC and see if they want to submit this as a regional project
- **Shellfish Improvements** - Franny suggested this an idea which could be partnered with the Stillaguamish Tribe and Snohomish County Parks at Kayak Point Park. Franny will continue to develop this idea.
- Partnering with King Conservation District on a Shoreline Education Program. Ryan Williams is interested in putting together a workshop much like the King Conservation Districts "[Where the water begins](#)" project to help people learn about their shorelines and provides follow-up site visits for landowners. Ryan was hoping the Snohomish and maybe Island MRCs would be interested in trying this approach with an NTA. The MRC shared their support for this idea and would be interesting in being a partner if the Conservation District decides to lead the project. The MRC has been looking for ways to work more with Snohomish Conservation District and believes this would be a great opportunity.

MRC 2017-2018 Grant Update

Debbie and Francesca provided an update on the MRC Grant and available dates for the movie series. The MRC Grant has been signed and began October 1, 2017. The MRC members discussed finalizing dates for the events before selecting films for viewing. There will be three events and two locations.

UW Bothell Dates:

The MRC selected Fri Feb 2 for the first event

The MRC needs to decide between Thurs March 1, Fri March 2 or Sun March 4

The MRC needs to decide between Thurs April 19 (day after MRC meeting), Fri April 20, Sat April 21, Sun April 22 (Earth day)

Everett Community College Dates:

The MRC needs to decide between Mon Jan 29, Wed Jan 31,

The MRC needs to decide between Mon March 12, Wed March 14, Thurs March 15;

The MRC needs to decide between Mon April 23, Wed April 25, Thurs April 26

Due to time constraints, the MRC will continue this conversation via email between the sub-committee members.

Announcements

- Franchesca gave an update regarding Port Susan toxic algal blooms. Blooms were found in Port Susan at levels of 1600 ug/100g tissue. The action level is 80 ug/ 100g tissue. These are the highest levels in Port Susan Franny could remember.
- The Zis-a-bas dike breach project, flooded 90 acres, and several miles of channels bringing salt water back to the area. The breach occurred October 18.
- An EPA criminal investigator has begun monitoring and analysis of the escaped farmed Atlantic salmon.
- Puget Sound Partnership's State of the Sound report found there has been no change. The MRC noted the concern with this finding.
- Mussel Watch date has been rescheduled
- Girl Scout Emma is doing a "gold project" (like Eagle Scout), and will be helping with Capturing Beach Change MRC Grant project. Snohomish County SWM is creating a grant incentive program for water quality/environmental projects. There will be a presentation at next month's MRC meeting.
- All MRC members need to choose a date for County Boards and Commissions Training. Next opportunities are Wednesday, Nov. 8th, Wednesday, Dec. 13th at Snohomish County Campus, Public Meeting Rooms 3000 Rockefeller Ave., Everett 98201
- Volunteers for forage fish surveying on Nov 2nd: Debbie, Tom, Paul, Bob, maybe Craig, Cathy, and Franny.

The meeting adjourned at 8:30 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

November 15, 2017 6:30-8:30PM
3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor

<p>MRC Members Present Tom Doerge Mike Ehlebracht Laura Gurley Bob Hillmann Deborah Hopkins Franchesca Perez Traci Sanderson Susan Tarpley Sarah Brown</p> <p>Absent Paul Clampitt (excused) Cathy Stanley (excused)</p>	<p>Staff, Presenters, and Others Elisa Dawson, Snohomish County MRC Planner Alexa Ramos, SWM Planner</p> <p>Kari Quaas, Snohomish Conservation District Emma Fitzpatrick and Heather Fitzpatrick, Girl Scouts Lincoln Loehr, Former MRC Member</p>
<p>Summary of Decisions</p> <p>The MRC approved the October 18, 2017 MRC Meeting Summaries. The MRC will provide comments on the Shoreline Armoring Implementation Strategy.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • The next County Boards and Commissions Training is Wednesday, Dec. 13th at Snohomish County Campus, Public Meeting Rooms 3000 Rockefeller Ave., Everett 98201 	

Welcome and Introductions

Co-Chair Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:30pm.

Franchesca introduced herself and called for self-introduction of meeting participants.

Approval of MRC Meeting Summary

Tom Doerge made a motion to approve the October 18, 2017 MRC Meeting Summary. Bob Hillmann seconded the motion. All were in favor and the motion passed.

MRC 2017-2018 Grant Update

Girl Scout Gold Project (Emma): Emma is working on her Gold Award by helping the MRC with the Ocean Literacy project. A Gold Award is the Girl Scouts highest award (equivalent to an Eagle Scout project). She is planning on 1) creating flyers for Snohomish County middle schoolers and high schoolers to help gain interest in the project. Emma plans to utilize school

clubs as a way to distribute the flyers 2) making post-screening surveys to get feedback from the middle/high school audience. Emma isn't sure yet whether it will be a paper or digital survey 3) curriculum for elementary/middle/high schoolers – it could be an after school club project, for example. She has met with 3 teachers who were really excited and gave her feedback on which grade levels would be best to target for the curriculum component of the project.

Susan suggested having a pre-screening survey for students to gauge their understanding of these concepts before viewing the film. For the younger students it can be simple questions like “Name as many animals as you can that live in Puget Sound”. Then they can have a post-screening survey to measure how impactful the films were on the students.

Referring to the Discovering the Olympic Coast movie, Sarah has looked into ways to get the films shown in school classrooms and integrated into their curriculum. It would probably cost \$100/school. The teachers would be able to have the films on a flash drive to show at their convenience. Lake Stevens school district is very supportive of the program and they have connections to the Mukilteo school district as well. Budget and MRC capacity seems to be the only limiting factors to moving this forward.

Movie dates at UW Bothell: Wed. Feb 7th, Thurs. March 1st, and Earth Day (April 22nd). The events will be from 7 – 9 pm. At Everett Community College the dates are: Mon. Jan 29th, Weds. Feb 28th, Weds. April 25th. They're all 6:30 – 8:30pm. The films have been chosen and are: Florian Films for the Puget Sound Focus event, Return of the River for the Freshwater Focus Event, and Chasing Coral for the Ocean Focus Event.

MRC members are still working on securing a popcorn maker. UW Bothell staff suggested reaching out to the Director of Community-based Learning for students that want to do credit-based work for us/getting the word out around campus. Debbie mentioned that the MRC should start thinking about guest speaker ideas so we can begin reaching out to people. Elisa will set-up a committee meeting to iron out the details.

Announcements

- **NWSC Update (Elisa for Paul):** The NWSC didn't have a November meeting because of the conference. Their next meeting is in December. NWSC says thanks to those who were able to make it to the conference, and MRC Members shared some of their lessons learned from the conference. A highlight from the conference for MRC Members were Paul Clappitt's presentation on the Snohomish County MRC Derelict Vessel project, and the presentation by the MyCoast team. Franchesca announced that Paul has been recruited to be the vice chair of the NWSC.
- **LIO NTA Meeting tomorrow (Elisa):** All are welcome to attend. Debbie and Elisa will be there. Logan Daniels (Snohomish County Parks) will be there as well as related to the Meadowdale project in consideration for submission as an NTA.
- **Forage Fish Update (Elisa):** The members reviewed the Forage Fish handout prepared by Frank Leonetti for Site 2. This shows how the beach nourishment has changed the landscape drastically. The sediment has moved significantly and accumulated in another area. So far only surf smelt eggs at site 13 (north side of Howarth Park) have been found. Tim, the summer intern, did some analysis but Elisa mentioned more data will need to be gathered before we can draw conclusions.

Laura mentioned the annual meeting in January with the Army Corps. She mentioned this would be a good time to talk to them about dredging of material which could be placed at the beach nourishment sites.

Elisa mentioned to keep in mind whether the particle size is beneficial to the forage fish for any sand placed on site.

- **Salish Sea Conference Ideas (Franny):** Franchesca said the conference would be a good venue to talk about the MyCoast applications in Snohomish County. Franchesca will look into the possibility of fitting the MyCoast work into the Communications session. Abstracts are due December 13th. Franchesca encouraged MRC members to take a look at the conference website and see if they think the MRC should present.
- **Stormwater Ordinance (Mike):** Mike states that Commissioner Stephanie Wright from the Lynnwood area recently proposed eliminating funding for stormwater projects. Mike mentioned his concern for the proposed ordinance. Mike wrote a letter on his own as a citizen advocating for stormwater projects. Mike mentioned presentation at the NWSC conference on how MRC members should communicate with public officials. This informed Mike’s decision to not mention in his letter that he is associated with the MRC in order to avoid any confusion with the MRC and who he was speaking for. This led Mike to think it would be worthwhile for the MRC to consider, going forward, what the protocol should be for this type of situation. Perhaps we need to assess the bylaws as a way of addressing these types of concerns. Mike can send around his letter if people are interested in seeing it. He hasn’t received any response yet.
- **Date/Time for December get together:** Paul offered to host the next meeting on the regularly scheduled day, the third Wednesday (Dec. 20th 6:30 – 8:30pm).
- **SWM Small Grants Program:** Elisa said that SWM is still working on their program, and for MRC members to keep their eyes out for a time to comment on this.
- **Derelict vessels: Elisa mentioned that the funds expire at the end of 2018.** Staff is identifying if any permits are needed to remove any of the vessels. Zach (SWM Engineer) and Elisa will continue to work with Snohomish County Permit staff to discuss.

Shoreline Armoring Implementation Strategy:

Elisa shared the Draft Shoreline Armoring Implementation Strategy with the MRC before the meeting and asked the MRC to review to see if there are any comments. The goal of this conversation is to share SWM staff comments on the document, and gather any MRC comments. Elisa asked if the MRC would be willing to combine their comments with the SWM comments into one comment form. The MRC agreed to do this to help streamline the process. Below are the comments which were developed to be submitted to the Shoreline Armoring Implementation Strategy Comment Period. Elisa will submit these comments before the November 30th deadline.

Comment #	Section or Page #	Comment, Question, Suggestions, Etc.
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1	p.13	While loss of forage fish habitat is briefly mentioned in the document, including in the Executive Summary, Section 1.4, Section 3.1, and the Conclusion, the connection between forage fish and the rest of the Puget Sound food web including salmon and orca could be better emphasized in order to draw connection and importance to this issue in relation to shoreline armor.
2	Section 1.3	Section 1.3 should include the Growth Management Act; specifically Critical Areas regulations addressing Fish and Wildlife Habitat Conservation areas.
3	Section 2.2	Section 2.2 indicates progress towards target of shoreline armor goal is tracked using the WDFW HPA permit data for marine projects. Using HPA permits is not enough, and will not capture any unpermitted activities which affect this goal. A change analysis could help provide a more holistic understanding.
4	Section 3.4	A database for shoreline projects throughout the Puget Sound should include easy access for researchers and regulators to understand where armoring exists, and highlight where current projects/research have been conducted with real-time updates.
5	Section 3.4	In addition to identifying areas for restoration, sites throughout the Puget Sound should also be prioritized on a regional scale based on ecological benefit.
6	Section 3.3.3.1	Explore tax incentives for removal of armor, installation of soft armor or preserving/protecting existing natural shorelines.
7	Section 3.6.3	Explore buyout options for properties identified as high habitat value/impact or important to natural beach processes.
8	Section 3	Because much of the armor is owned by private citizens, and many of those parcels are narrow lots, removing armor on one lot is often not feasible. Therefore, a neighborhood approach is needed to do armor removal projects. This neighborhood approach should be incorporated into the Shoreline Armor Implementation Strategy, as it is a key factor in doing removal projects. Peer-to-peer neighborhood communication strategies should be developed.
9	Section 3	Goals and Strategies does not address what to do if it is determined that existing shoreline armor cannot come out. Riparian vegetation, and other best practices should be considered for properties which cannot remove their armor.
10	Section 3	The railroad comprises a majority of the armoring along the Puget Sound in Snohomish County. Engagement with the railroad should be included within the Goals and Strategies of this document.
11	Section 3	In regards to the railroad, a strategy should be developed to engage the railroad in best management practices when armor removal is not feasible. This strategy should address removal of barriers to utilize landslide material on railroad for beach nourishment, and the use of pesticides in the railroad right-of-way.

12	Section 6	In order to address the issue of armor that is determined unable to come out completely, research should be done to develop a set of best management practices when armor cannot be removed.
13	Section 6	Research of projects like the Seattle Sea Wall should be done to better inform design strategies for when armor does need to be installed. This research could lead to development of best management practices for when armor is installed.

LIO Update/Near Term Action (NTA) Discussion (Elisa/group):

Elisa announced that the official solicitation for Near Term Actions (NTAs) went out Nov. 13th. NTAs are due for pre-registration on Dec. 22nd. The pre-registration projects will be further developed in early 2018 for the 4-year Action Agenda update. The MRC discussed the following NTAs and status.

- Meadowdale NTA – Logan will be submitting the NTA through Snohomish County Parks. Elisa will be working with Logan to help her complete the pre-registration process.
 - Meadowdale will align with shoreline armoring 3.3 Implement plans and priorities to restore habitat
- Derelict Vessels NTA – The MRC will submit for the 2018 round and a continuation of current project.
 - This project will align with Estuaries 3.3 Implement plans and priorities to restore habitat
- Creosote piling project – The MRC will resubmit this project, separate from the derelict vessels project. Furthermore the MRC is considering break the creosote pilings project into two discrete NTAs. One for planning of the project, and a second phase for implementation.
 - Phase 1 will align with Estuaries 2.1 Collaborative, multi-benefit groups develop a plan that prioritizes locations to restore or protect
 - Phase 2 will align with Estuaries 3.3 Implement plans and priorities to restore habitat.
- Beach Nourishment NTA – Elisa discussed the possibility of creating a beach nourishment NTA. The MRC was interested in a beach nourishment project that would further analyze the beach nourishment project completed in 2016, and prioritize other sites for beach nourishment. Elisa will follow up with SWM Staff on this project.
 - The project could be aligned with Shoreline Armor 3.4 Collect and Analyze Data to Adaptively Manage Recovery Practices
- Port Susan NTA – Elisa said that Lisa Kaufman with the Northwest Straits Foundation reached out about her regional shoreline armor NTA which was funded in the last round. This was the same funding that put on the shoreline landowner workshop the MRC hosted a few months ago. After speaking with Lisa, Elisa realized that there is a significant amount of overlap in the MRC Port Susan NTA and Lisa’s regional NTA. Elisa said she thinks we could collaborate and add more detail about Port Susan into Lisa’s NTA this round, and this would mean we do not need to submit an NTA on our own.
 - Lisa Plans to align her regional Shoreline Armoring NTA with Shoreline Armoring 3.1 Develop and implement outreach, education, and/or incentive programs, and Shoreline Armoring 3.3 Implement plans and priorities to restore habitat.

- Eelgrass NTA – Lucas Hart is working on a regional eelgrass project. He has spent some time looking at the NTA framework to see if eelgrass would fit well into it, but hasn't yet determined which regional priority to align with, or if this project will fit into the NTA framework. The Northwest Straits Commission thinks we should continue working on a regional eelgrass project, even if it is not submitted as an NTA.
 - Lucas has been unable to find a regional priority approach to align a NTA with.

Mussel Watch (Mike): Mike announced that shellfish toxins have gone down so Penn Cove will open and the MRC will install on Dec. 4th at their three locations. Mike asked MRC members to please register for the insurance with WDFW. If you have registered for the insurance in the past you don't have to again. Lincoln is picking up the mussels this year and will drop them off at each location. Mike reminded everyone to take a look at the protocol document to prepare for installation. Elisa will resend the protocol to everyone. Each team will need to bring mallet or hammer, cellphone with GPS, flashlight/headlamp, camera, and appropriate rain gear.

Additional Announcements:

Franny is stepping down as co-chair and the MRC will need someone new by the end of next month. Please reach out to her if you're interested in the position. Franny has been the chair for 2 years now.

The meeting adjourned at 8:30 pm.