

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

January 20th, 2016 4:00-8:15PM
3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor, 6A02

<p>MRC Members Present Lincoln Loehr Paul Clampitt Franchesca Perez Traci Sanderson Susan Tarpley Bob Hillmann Sarah Brown Mike Ehlebracht Paul Schlenger Simon Geerlofs Thomas Hoban</p> <p>Absent Cathy Stanley, Excused</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County MRC Lead Staff Autumn Moore, Snohomish County MRC Program Assistant</p> <p>Ginny Broadhurst, NWSC</p>
<p>Summary of Decisions</p> <ul style="list-style-type: none"> • The November 18th, 2015 MRC Meeting Summary was approved. 	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • January 27th— Forage Fish Monitoring, Meadowdale • January 28th— Puget Sound Salmon Safe in the City, Town Hall Seattle • February 4th— Lake Washington Salmon Summit • February 6th— Sound Waters, Whidbey High School 	

Welcome and Introductions

Franny Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 4:10 pm.

Approval of MRC Meeting Summary

Mike Ehlebracht made a motion to approve the November 18th, 2015 MRC Meeting Summary. The motion was seconded by Paul Clampitt. All were in favor and the motion passed.

MRC Executive Elections

Paul Schlenger, MRC Chair, and Simon Geerlofs, Co-Vice Chair, previously announced that they would be stepping down from their respective positions at the beginning of 2016. MRC Members discussed nominees for MRC executive elected positions. Kathleen Herrmann opened discussion to offer an opportunity for any additional nominations for elected positions.

Lincoln Loehr made a motion to approve all nominations for MRC executive elected positions as following:

- Chair Nominee: Franchesca Perez
- Vice-Chair Nominee: Traci Sanderson
- NWSC Representative Nominees:
 - Primary: Paul Clampitt
 - Alternate: Mike Ehlebracht

The motion was seconded by Tom Hoban. All were in favor and the motion passed.

MRC Mission and Vision, and Retreat Goals

Franchesca Perez gave an overview of the MRC’s vision and mission and the retreat goals. The goal of the retreat is to work with MRC members to review and prioritize projects to include in the 2-year workplan for 2016-2018.

2015 Highlights and Accomplishments

Kathleen Herrmann gave a presentation to provide an overview of the projects and accomplishments of 2015. Projects highlighted include:

- Forage Fish Monitoring
- Nearshore Beach Restoration Project and Funding
- Meadowdale Beach Restoration
- Recreational Crabber Education and Social Media Campaign
- Derelict Vessel Removal
- Oil Spill Preparedness
- Sound IQ
- Port Susan Marine Stewardship Area and Bulkhead Removal Feasibility Study
- Additional End of Year Projects
- Public Events
- Education and Outreach
- Caged Mussel Watch
- MRC Coordination

Project Leadership

Kathleen Herrmann shared a draft Project Lead Role document with the MRC. The document was developed to clarify the role of a Project Lead and give a framework for leads to develop a Project Implementation Plan (PIP). Ginny Broadhurst suggested that leads ensure that photographs are taken for each project and that the results of each project are well documented.

MRC 2016 Commitments

Kathleen Herrmann opened the discussion on the 2016-2018 workplan. The list of MRC projects and additional ideas, details, and planning steps were addressed.

- **MRC Administration**
 - Kathleen Herrmann offered a new approach to tracking volunteer hours. MRC members could use the *HoursTracker* application on their smartphones to track and submit volunteer hours. Several members expressed interest in this idea. Staff will test the idea and send out information for further review.
 - MRC members expressed interest in continuing to receive the monthly announcements on relevant news articles and bulletins with upcoming events. MRC Staff will provide a MRC bulletin to MRC members on a monthly basis.

- MRC members suggested that it may be helpful to put dates for MRC volunteer hours tracking into the bulletin.
- **Port Susan Bulkhead Removal Phase II**
 - Traci Sanderson confirmed that she will remain the lead for the Port Susan subcommittee.
 - The MRC could utilize the Weaverling Spit video footage, which compares storm event and beach response between natural beach and armored shoreline. The video may be an effective resource in homeowner outreach and education efforts.
 - Additional ideas for implementing the Port Susan Plan include providing outreach at homeowners meetings and other events to determine if there are additional locations at which to conduct site visits. The MRC could meet with homeowners who live adjacent to candidate bulkhead removal sites and decide what additional work could be done to help homeowners if they want to move forward with a bulkhead removal project.
 - Sarah Brown suggested that more of the MRC's Port Susan efforts should be focused on on-the-ground outreach and education.
 - Franchesca Perez suggested that the MRC collect storm surge data along Port Susan. Community relationships could be strengthened through the use of data that would show how shorelines change during storm events. Next steps for this project will be discussed in detail at a future subcommittee meeting.
- **MRC Grant Nearshore Long Term Maintenance Project**
 - Paul Schlenger will step down as the lead for Nearshore Beach Restoration subcommittee and Sarah Brown will take over the role. Paul will still remain on the subcommittee and provide project support.
 - The MRC Nearshore Long Term Maintenance Project is focused on developing a long-term strategy for funding nourishment and outreach of nearshore habitats within Snohomish County. Alyson Rae with Confluence is working on a draft communications plan for this grant.
 - Lincoln Loehr volunteered to help analyze photos from previous forage fish monitoring surveys.
 - Sediment sample data from 2015 need analysis. The data analysis could be assigned to a local college student or volunteer. MRC members discussed how to best utilize the sediment data. This task was tabled and will be revisited at a later date.

Dinner Break at 5:46 p.m. Meeting Reconvened at 6:24 p.m.

MRC 2016 Commitments Continued

- **Forage Fish Spawning Surveys**
 - Kathleen Herrmann and Franchesca Perez will meet to discuss the forage fish spawning Near Term Action (NTA) and provide the MRC with the next steps.
- **Meadowdale Feasibility Study**
 - Kathleen Herrmann informed the MRC that there will be a council meeting in the near future. The meeting objective will be to make decisions on the direction of the Meadowdale Feasibility Project.
 - MRC members discussed providing a public comment at the Meadowdale council meeting.
 - Kathleen will provide further details on the meeting as they become available.

- **Sound IQ**
 - The Stillaguamish Port Susan Assessment data layers need to be integrated into the Sound IQ database. Franchesca Perez noted that she has data on Port Susan to give to Suzanne Shull. MRC staff will send out contact information for Suzanne.
 - Lincoln Loehr volunteered to assist with processing the Mussel Watch stations data from 2015 in order to include the information in Sound IQ.
- **Washington State University (WSU) Beach Watchers**
 - SWM will continue to support the WSU Beach Watchers program in 2016.
- **Derelict Vessels/Gear**
 - Lincoln Loehr inquired as to the number of derelict vessels within Snohomish County. A volunteer is needed to follow up to see if this information is available.
 - A derelict vessel subcommittee was created for the Snohomish County MRC. Paul Clampitt, Thomas Hoban, Simon Geerlofs and Lincoln Loehr will serve on the subcommittee.
- **Recreational Fisheries Education Projects**
 - MRC members decided to combine several projects under one subcommittee including; the Crabber Education and distribution of Rockfish Descenders. These two projects will be identified as the Recreational Fisheries Education Project.
 - Paul Clampitt volunteered to serve as the MRC lead for the subcommittee. The subcommittee will organize a meeting to start planning for 2017 derelict gear removal.
 - Paul Clampitt also volunteered to serve on the NWS Derelict Crab Pot Strategic Committee.
 - Bob Hillmann volunteered to create a plan of events for rockfish and descender packets to distribute in 2016.
- **Crabber Social Marketing Project**
 - The Northwest Straits Commission (NWSC) may receive funding to expand our MRC's Instagram Photo Contest to the other six counties and provide staff support to conduct this social marketing campaign.
- **Mussel Watch**
 - The MRC will continue to assist the Washington Department of Fish and Wildlife (WDFW) with the 2015-2016 Caged Mussel Study. The retrieval date for the study has been set for February 5th, 2016. Several MRC members are scheduled to assist with the cage retrievals.
- **Oil Spill Preparedness**
 - Susan Tarpley discussed the MRC's development of Oil Spill Emergency Binders. The binders will contain geographically relevant Geographic Response Plans (GRPs), information on local contacts, and other useful information and will serve as a resource in the event of an oil spill.
 - Susan Tarpley and Paul Clampitt are working to develop and distribute a Vessels of Opportunity (VOO) letter. The MRC will review and approve the letter.
 - The MRC will continue communications with the Snohomish County Department of Emergency Management (DEM) to encourage their participation in table top drills in 2016.
- **Puget Sound Starts Here (PSSH) Rain Garden Campaign**
 - The MRC will determine the next steps for PSSH project based on the Advertising Campaign Communication Plan written by Alyson Rae, however staff capacity is currently limited and not able to take on new projects.
 - MRC Members will discuss next steps at the February MRC meeting.

- **Kelp Monitoring**
 - The MRC will work with NWSC to revise the 2016 field season kayak safety and kelp monitoring protocols.
 - Traci Sanderson will participate in a small safety committee meeting with the NWSC.
 - The MRC will reserve tentative dates to participate in the 2016 kelp monitoring surveys.
- **Puget Sound Partnership Local Integrating Near Term Action (LIONTA) Projects**
 - The Snohomish Estuary Clean up, Eelgrass and Forage Fish Mapping in Snohomish County, and Port Susan Marine Stewardship Area (MSA) Shoreline Armor Removal Phase 2 LIONTAs have been submitted and are awaiting review.
- **Stillaguamish River Gage**
 - The MRC discussed funding of a sediment and flow river gage in Stanwood on the Stillaguamish River. Paul Schlenger voiced that funding the gage should be a one-time project. The MRC's support would provide United States Geological Survey (USGS) with time to find a long term source of funds; however all agreed that the best source of funds would be SWM funds. Franchesca Perez will contact Zach Brown with SWM to discuss a matching of funds for two gauges that were adopted by the Stillaguamish Tribe.
- **Partner with NWSC on Ocean Acidification Project**
 - The NWSC will hold an ocean acidification forum for upland and shellfish farmers. The NWSC will discuss details for this forum with the MRC at a later date.

Announcements

- MRC members discussed new MRC logo clothing orders. Traci Sanderson stated that order requests needed to be emailed to her by the end of the week.
- Ginny Broadhurst requested an update on the members who plan to attend the 2016 Salish Sea Conference. The NWSC may be able to provide financial support for one MRC member. Robert Hillmann and Susan Tarpley expressed interest in attending the conference and receiving support from the NWSC.

The meeting was adjourned at 8:15 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

March 16th, 2016 6:30-8:30PM

3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor, 6A04

<p>MRC Members Present Lincoln Loehr Paul Clampitt Bob Hillmann Sarah Brown Paul Schlenger Thomas Hoban Cathy Stanley</p> <p>Absent Autumn Moore Mike Ehlebracht Simon Geerlofs Franchesca Perez Traci Sanderson Susan Tarpley</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County MRC Lead Staff</p> <p>Laura Gurley, Port of Everett Jay Lind, Skagit County MRC Tom Norcott, Harborview, Seahurst, Glenhaven Neighborhood Association Chair Ryan Williams, Snohomish Conservation District David Bain, University of Washington</p>
<p>Summary of Decisions</p> <ul style="list-style-type: none"> • The January 20th, 2016 MRC Meeting Summary was approved. 	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • Northwest Straits Commission Meeting, April 29, 2016. Presentation for 2016 Grant 	

Welcome and Introductions

Paul Schlenger opened the Marine Resources Committee (MRC) meeting with a quorum at 6:35 pm.

Approval of MRC Meeting Summary

Tom Hoban made a motion to approve the January 20, 2016 MRC Meeting Summary. Bob Hillman seconded the motion. All were in favor and the motion passed.

Approval of Workplan

Kathleen Herrmann opened the discussion to approve the 2016 workplan. Sarah Brown made a motion to approve the MRC 2016 workplan and Paul Clampitt seconded the motion for approval. All were in favor and the motion passed.

Northwest Straits Commission Grant for 2016-2017, April 29 Padilla Bay

The executive committee met to brainstorm ideas for the 2016 Northwest Straits Commission (NWSC) grant. The executive team proposed that the MRC develop material to support a countywide storm surge citizen science data collection project (as outlined below). Tom Hoban suggested that the MRC conduct a trial run at a pilot location, such as Tulare Beach. Cathy Stanley shared that the Tulalip Tribes were considering a project to collect data on storm surges. Tom

Hoban and Lincoln Loehr volunteered to help develop the project. Franchesca Perez has offered to be the project lead.

Outline of proposed NWSC 2016 grant proposal and next steps:

- Develop material to support a countywide storm surge citizen science data collection project.
 - Sea level and climate change education could tie into this project.
 - The MRC could train homeowners to monitor the impact of storms on their shorelines as a greater effort to raise awareness of bulkhead removal and shoreline armoring prevention.
 - Grant funding could sponsor trainings and workshops, or develop a pilot program on trainings and workshops for storm surge data.
 - Questions to flush out include:
 - Are there any concerns with data collection for houses impacted by the railroad? Is there a way to tie this data together for further impact? (Sound IQ?)
- Franchesca will meet with Camano Island Beach Watchers volunteers who have completed storm surge data collection training to determine feasibility of conducting future trainings and the next steps for the MRC.

Nearshore Construction Project Update

Kathleen Herrmann informed everyone that the Nearshore Restoration Project went to bid on March 3, 2016. Bids will open on March 22 at 11:00 a.m. A well-attended pre-bid construction meeting occurred at Site O.

The environmental group “Sound Action” has submitted an informal appeal of the Hydraulic Project Approval (HPA) for the Nearshore Restoration Project. David Bain, who is on the board of Sound Action, agreed to talk with Kathleen about the appeal after the meeting and help inquire why this restoration project was a concern of Sound Action.

Retreat Debrief

Paul Schlenger gave a summary of the MRC Post-Retreat responses. Overall, there was very positive feedback and unanimous approval and gratitude for the work of Kathleen, Autumn, and prior staff, Alyson Rae. Members made recommendations to move the retreat “off-site” next year instead of the County Campus. Laura Gurley said that the Port of Everett had meeting rooms that might be available. Bob Hillmann added that Everett Parks had some potential meeting facilities.

MRC Nearshore Long Term Maintenance Project Update

Kathleen reported the following progress:

- Kathleen Herrmann conducted on-call interviews with Anchor QEA and Parametrix and selected Anchor for the project.
- The MRC continued work with Snohomish County and National Oceanic and Atmospheric Administration (NOAA) to develop a preliminary assessment of nearshore marine culverts within the railroad impounded nearshore of Snohomish County and potential beach nourishment locations along the Snohomish County Nearshore south of Everett. SWM staff created draft Geographic Information Systems (GIS) maps to outline the potential nearshore marine culverts for replacement and potential locations for beach nourishment. These maps are under review by the team members.
- The United States Army Corps of Engineers (U.S. ACE) are authorizing a special investigation study to assess their current business practices in the area of beach nourishment along the Burlington Northern Santa Fe (BNSF) Railroad Corridor. The Corps

may then be able to update the Standard Operating Procedures to complement Snohomish County's work in the nearshore. This study will support the Nearshore Beach Restoration Project and the MRC's Long Term Beach Restoration Maintenance and Management Study. Collaboration with U.S. ACE: Investigate the potential to conduct Puget Sound beach nourishment in Snohomish County by modifying Corps business practices. Specifically, this work will investigate:

- 1) U.S. ACE regulatory permitting of emergency railroad activities with respect to landslide material to allow beneficial reuse of that material
- 2) Beneficial reuse of regular Corps dredging activities in the vicinity of the County
- 3) Feasibility of a new beach nourishment authority in the Operations business line. Study would include a preliminary investigation of potential nourishment sites along the County shoreline and provide details on cost and logistics of nourishing those sites using materials from the aforementioned sources. Detail findings in a project report.

Kathleen distributed draft satellite maps with layered data showing 23 potential locations for beach nourishment, between Woodway and Jetty Island.

Laura Gurley informed everyone that the Port of Everett plans to do beach nourishment on the Southeast end of Jetty Island.

Laura indicated that the Port and City will need to find an alternative to Site O for the dredge material in the upper dredge basin of the Snohomish River. Kathleen suggested that she and Laura meet off line a perhaps the County's Nearshore Restoration Project may prove as an ideal beneficial use disposal location.

Communications Plan Review

Kathleen asked for comments on the updated communication plans. Sarah Brown inquired whether mass retailers that often sell to untrained crabbers could be involved in distributing educational material. Kathleen reported that past efforts with larger retailers were unsuccessful. Paul Clampitt suggested that distributing information at licensing offices would be a very effective means to educate all crabbers and fishermen; however, the Derelict Crab Pot Advisory Group is just forming a regional strategy to address this issue. All agreed that we should wait for that group to develop recommendations.

Draft Deliverables

- Advertising Campaign Communication Plan- comments due to Alyson 3/21
- Recreational Fisherman Education Communications Plan- comments due to Alyson 3/21

Announcements

- Will Hall is the new Surface Water Management (SWM) director.
- Paul Clampitt provided NWSC Updates:
 - The NWSC held a retreat on February 24-25, 2016 at Padilla Bay.
 - Joan Drinkwin is leaving her Foundation position at the end of April to start her own business.
- Kathleen discussed MRC Staff Hiring Updates:
 - Planner position is in Human Resources (HR) for review
- Salish Sea Conference Updates:

- The NWSC paid for Kathleen’s registration and the County will pay for travel expenses for Kathleen and Autumn. Autumn is receiving free registration by volunteering at the conference.
- MRC LIO Rankings:

NTA ID	Title	Short Description	Organization	Composite Score	Rank	Quartile
2016-0171	Marine Resources Committee, Port Susan	Reduce and prevent new construction of shoreline armoring in the Port Susan Marine Stewardship Area. Target communication with landowners of priority sites for armor removal, protection, and restoration.	Snohomish County Marine Resources Committee	7.4	66	Q2
2016-0169	Marine Resources Committee, Snohomish Estuary Cleanup	Restore estuarine and nearshore habitats. Remove derelict vessels and creosote to improve habitat in the Snohomish Estuary for a number of species, including Chinook salmon.	Snohomish County Marine Resources Committee	7.2	86	Q2
2016-0165	Eelgrass and Forage Fish Mapping in Snohomish County	In collaboration with the Stillaguamish Tribe, map eelgrass and forage fish throughout Snohomish County to fill existing data gaps essential to restoration planning.	Snohomish County Marine Resources Committee	6.5	139	Q3

- Volunteer Tracking Hours Due Dates:
 - April 8: Volunteer Time Tracking due for Quarter 1 (January 1-March 31)
 - July 8: Volunteer Time Tracking due for Quarter 2 (April 1- June 30)
 - October 7: Volunteer Time Tracking due for Quarter 3 (July 1- September 30)
 - January 6: Volunteer Time Tracking due for Quarter 4 (October 1- December 31)

Running List of MRC Actions:

- Bob Hillmann and Paul Clampitt are drafting a list of events for the year to distribute rockfish descenders and crab packets.
- Traci Sanderson is leading the Port Susan Project and is going to share a revised project implementation plan (PIP) with the subcommittee when it is ready.
- Lincoln Loehr agreed to figure out how to add the Caged Mussel data to Sound IQ.

The meeting was adjourned at 8:30 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

April 20th, 2016 6:30-8:30PM

3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201
Admin East Building, 6th Floor, 6A04

<p>MRC Members Present Lincoln Loehr Paul Clampitt Bob Hillmann Sarah Brown Thomas Hoban Cathy Stanley Mike Ehlebracht Simon Geerlofs Franchesca Perez Traci Sanderson (via phone) Susan Tarpley</p> <p>Absent Paul Schlenger</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County MRC Lead Staff Autumn Moore, Marine Resources Assistant</p> <p>Laura Gurley, Port of Everett Paul Granquist, Snohomish County Beach Watchers Ryan Williams, Snohomish Conservation District David Bain, University of Washington</p>
<p>Summary of Decisions</p> <ul style="list-style-type: none"> • The MRC approved the March 16, 2016 MRC Meeting Summary. 	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • Northwest Straits Commission Meeting, April 29, 2016. Presentation for 2016 Grant 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:35 pm.

Approval of MRC Meeting Summary

Traci Sanderson made a motion to approve the March 16, 2016 MRC Meeting Summary. Lincoln Loehr seconded the motion. All were in favor and the motion passed.

MRC Thank You Presentation

Sarah Brown gave a presentation on the science camps through which MRC members used personal funds to sponsor students. Members sponsored three students for the camps, which covered the cost to attend the weeklong programs. Sarah reported that the sponsored students enjoyed and appreciated the experience. The MRC supported continuing to sponsor students for 2017.

Northwest Straits Commission (NWSC) Grant Project Proposal for 2016-2017

Franchesca Perez gave a presentation on the proposed Port Susan Storm Surge Citizen Science project for the 2016-2017 NWSC Request for Projects (RFP). The project will train homeowners to monitor the impact of storms on their shorelines and dovetail with other efforts to raise awareness of bulkhead removal and shoreline armoring prevention. Several members showed support for the project. Simon Geerlofs inquired as to next steps for the project long term. The MRC will ask for

feedback from volunteers who monitor the storm surge data to determine the project's level of impact as well as share the storm surge data with the County.

Break at 7:22 pm.

The meeting re-convened at 7:30 pm.

Nearshore Construction Project Update

- Bids for the Nearshore project opened on March 22, 2016. Redside was selected as the project contractor.
- The environmental group "Sound Action" retracted their informal appeal of the Hydraulic Project Approval (HPA) for the Nearshore Restoration Project. Kathleen spoke with David Bain, Sound Action board member, and staff, Amy Carrey, who both expressed an interest in seeing the MRC name identified more prominently on associated projects. The project will be constructed in the summer prior to the fall forage fish spawning identified by 5 years of monitoring; therefore, the variance to the work window provided by WDFW benefits this important resource.
- SWM provided a grant match letter of support for the Estuary and Salmon Restoration Project (ESRP) Learning Project titled "Effects of Nourishment on Railroad Grade Beaches" in partnership with the University of Washington.
- MRC Staff had a meeting with Jason Toft about the ESRP Learning Grant. The meeting focused on preliminary planning regarding the best methods for conducting forage fish sediment at various armored and unarmored sites within Snohomish County.
- Anchor QEA is under contract to support and guide the development of the signs. The County is considering contracting an artist named Kris Wiltse to design the signage art. Graphic artists within the County have also expressed interest in designing the signs. A few MRC members expressed concern with the timeliness of Kris's work and suggested that MRC staff contact Kris to confirm her ability to meet the project timeline.

Port Susan Subcommittee Updates

- Traci Sanderson developed a Project Implementation Plan (PIP) draft and solicited feedback from the MRC. Bob Hillmann inquired if a feasibility study based on septic system locations existed or was in development. The Coastal Geologic Services (CGS) reported site previous visits were not available for armoring removal due to the house's septic tank location. Members asked if we could identify septic tank locations in Geographic Information System (GIS) layers and incorporate this data into our Port Susan considerations. The Health District may be able to provide the MRC with parcel-specific septic information.
- Confluence completed a final version of the Port Susan Communications Plan. Bob Hillmann expressed that the communication plan should provide details and additional information on the tax breaks and benefits to the project. Anchor QEA can help develop more on incentives and motivators, as well as the idea of a community association.
- The recent Port Susan Subcommittee meeting had low attendance. Traci asked MRC members to consider joining the subcommittee. Paul Clampitt offered to serve as a "fill-in" member on the subcommittee, to attend on an as-needed basis.
- The MRC staff shared the latest Port Susan subcommittee meeting summary with Lisa Kauffman, who will provide details on available funding for site visits this summer.
- Traci, Tom and Autumn will conduct a field day in which they travel to the sites in Port Susan.

- Traci and Kathleen attended the Shoreline Stabilization Workshop on March 31, 2016. The MRC obtained 100 copies of the WDFW *Your Marine Waterfront* brochures to use as outreach material. The MRC will order additional copies for distribution.

Oil Spill Subcommittee Updates

- Kathleen spoke with Executive Dave Somers, SWM Director Will Hall, and Public Works Director Steve Thomsen at the SWM staff meeting and brought up the issue of the oil by rail derailment and the need for a tabletop drill in Snohomish County. The County will participate in the “Cascadia Rising” event and Dave will request that the Department of Emergency Management (DEM) include the oil by rail derailment in this large-scale planning scenario.
- The MRC supports the expansion of data collection for the Shoreline Cleanup Assessment Techniques (SCAT) program to include non-oil spill related habitat characterization and data collection. However, it is not interested in participating at this time due to concerns about overlapping data collection by other agencies, the goal and use of the data, and the expense and staff capacity needed to manage a citizen science project on this level.
- The MRC would like to see improvements made to the Department of Ecology Vessels of Opportunity (VOO) website. Autumn will develop a bulleted list of talking points on website suggestions to send to Ecology.
- Mike Ehlebracht contacted Howard Zorzi, the Preparedness Oil Spill Drill Coordinator with Washington State Department of Ecology, who is interested in utilizing our localized expertise for oil spill drills including supporting identification of resources at risk, GRP revisions, and mentioned their volunteer program. Howard will let the MRC know if he can get a drill schedule for Snohomish County. Mike will continue to keep in contact with Howard.
- The subcommittee continues efforts to encourage tabletop drills to be scheduled and implemented in Snohomish County.
- There will be an opportunity to submit comments to public hearings on oil-by-rail. A public hearing will occur on May 23, 2016 and public comments are due June 10, 2016.
- Paul Clampitt distributed over 140 VOO letters to local fishermen as part of an effort to increase Tier 2 participation. Snohomish County has two vessels registered as Tier 2 VOO and the MRC will continue to track registration numbers.

Announcements

- Jerry Masters, NWSC member and foundation board member, would like to hold a thank you celebration for the Snohomish MRC Members. Jerry will hold the event at the Brian Carter Woodinville tasting room in Woodinville, Washington and the limit will be 20 people. The MRC suggested that the event occur in place of a formal MRC meeting, possibly August 17, 2016. Kathleen will send members a final confirmation.
- Paul Clampitt provided updates on the Northwest Straits Commission (NWSC). He suggested that MRC members read over the meeting summaries for a full report of the meetings, highlighting that the NWSC created a definition of a “healthy straits ecosystem”—a term previously not defined.
- Mike gave a brief summary of the Everett Rain Garden Workshop, noting that there is interest in creating 20-25 additional rain gardens in South Everett. North Everett has approximately 25 rain gardens currently. Mike proposed that the MRC write a letter to SWM requesting their support in conducting rain garden projects.

- Laura Gurley announced that Friday, April 22, is Earth Day. In conjunction with this, there is a Union Slough clean up on April 30, 2016. Susan Tarpley added that Edmonds will have a low tide beach walk on Earth Day, if anyone would like to participate.
- Autumn offered a how-to sheet, which explains the Hours Tracker phone app for members interested in using the app to track quarterly volunteer hours.

Running List of MRC Actions:

- MRC Staff will follow up regarding the oil-by-train and tabletop drills in Snohomish County.
- Traci will follow up with the MRC on interest in joining the Port Susan Subcommittee.
- Kathleen will send out details on possible thank you celebration dates to the MRC.
- Mike Ehlebracht will write a letter to SWM encouraging support in the 12,000 Rain Gardens Campaign.

The meeting was adjourned at 8:32 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

May 18, 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 Bob Hillmann Thomas Hoban Lincoln Loehr Franchesca Perez Traci Sanderson (via phone) Cathy Stanley Susan Tarpley</p> <p>Absent Mike Ehlebracht Simon Geerlofs Paul Schlenger</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County MRC Lead Staff Autumn Moore, Marine Resources Assistant</p> <p>Courtney Baxter, Northwest Straits Commission Paul Granquist, Snohomish County Beach Watchers Laura Gurley, Port of Everett Craig Wollam, Snohomish County Beach Watchers</p>
Summary of Decisions	
<ul style="list-style-type: none"> • The MRC approved the April 20, 2016 MRC Meeting Summary. 	
Upcoming Events	
<ul style="list-style-type: none"> • Public Hearing: Contingent Plan for Rail. May 23, 2016. 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:32 pm.

Approval of MRC Meeting Summary

Paul Clampitt made a motion to approve the April 20, 2016 MRC Meeting Summary. Tom Hoban seconded the motion. All were in favor and the motion passed.

ESRP Small Grant Opportunity

Kathleen provided a summary of the 2017 Estuary and Salmon Restoration Program (ESRP) Small Grant Opportunity. Any grant applications must be consistent with the MRC workplan and require a review by the MRC. The Surface Water Management (SWM) Department at Snohomish County provided encouragement for the MRC to apply for the grant. Kathleen sent out an initial idea for a monitoring project modeled after the King County WRIA 9 Shoreline Monitoring Project. However, after speaking with Jay Krienitz from ESRP, Kathleen determined project would not fit within the intention of the grant. Kathleen proposed that the MRC adapt the submitted Port Susan Local Integrating Organization (LIO) Near Term Action (NTA). The NTA focuses in the MRC's efforts to reduce and prevent new construction of shoreline armoring in Port Susan. MRC members were supportive of using a version of the Port Susan NTA as the ESRP Grant submission and holding off on other homeowner outreach and education planned for the summer of 2016. The

MRC's Northwest Straits Commission Storm Surge Monitoring Project in Port Susan could serve as a way to continue local engagement and relationship building in the area prior to the start of the ESRP grant. This plan allows the MRC to narrow summer project efforts and focus on the Storm Surge Monitoring Project. Kathleen will speak with the Conservation District, who collaborated with us on the LIO NTA. The ESRP proposal is due July 31, 2016.

Snohomish County Updates

Northwest Straits Commission (NWSC) RFP for 2016-2017: The RFP Grant is due May 31, 2016. Kathleen will send a draft to Surface Water Management Planning Manager, Gregg Farris, for review.

Meeting with SWM and NWSC Director: NWSC Executive Director Ginny Broadhurst, Gregg Farris, Kathleen Herrmann, and Franchesca Perez met with SWM Director Will Hall for introductions and discussion on the direction of the MRC Program. Will expressed interest in serving as a facilitator for MRC goals, as he supports the mission of the MRC. Kathleen reported that the meeting was positive and included discussion on the NWSC's ocean acidification work.

Dave Somers' Press Release Discussion: Snohomish County Executive Dave Somers announced that expanded efforts to protect and restore Puget Sound would be a centerpiece of his administration. MRC Member Mike Ehlebracht recently drafted a letter to encourage Snohomish County to become more involved and supporting of the 12,000 Rain Gardens Campaign. Kathleen suggested that the MRC consider adding to this letter to include other topics and address it to Dave Somers. The following topics will be added to the letter:

- **Oil Spill:** MRC Members noted that oil spill prevention, preparedness, and response should be a discussion point in the letter to Executive Somers. Susan Tarpley addressed updates to oil spill related items. Mark Murphy, Lead Emergency Program Manager for Snohomish County Department of Emergency Management (DEM) said that he would "table an oil by rail scenario for subsequent exercises if the participating jurisdictions indicate they want that as part of their impacts". The State Emergency Division hired Kathryn Dutton as a Regional Planner for the Local Emergency Planning Committee. Susan will forward more information on this update out to MRC Staff. Susan agreed to draft a section on oil spill for the letter to Executive Somers.
- **Shoreline Management Program (SMP):** Franchesca suggested that the SMP should also be a focus of the letter to the Executive in order to bring attention to the issue of shoreline armoring. The MRC may consider recruiting committee members in the fall that have the skillset to be involved with the SMP update process. Franchesca agreed to draft a section on SMPs for the letter to Executive Somers.
- **Marine Culverts:** Culvert removals should also be a focus of the letter, as they are a large part of the Nearshore Strategy work. It would also support the interests of many SWM teams while increasing awareness of marine culverts. Kathleen agreed to draft a section on culverts for the letter to Executive Somers.

Break at 7:30 pm.

The meeting re-convened at 7:46 pm.

Nearshore Restoration Project Update

- **Construction Update:** In partnership with the City of Everett, the Nearshore Restoration construction was moved to June 2016 to capitalize on the extended

daylight hours and low tides. This timing will also allow for potential public use of the park in late summer once the pedestrian bridge has been repaired. Construction will begin June 7, 2016.

- Bob Hillmann provided details on construction equipment, sharing that barges will utilize an articulated conveyor belt at most sites to transfer sediment onto the beaches. The construction company, Redside, will avoid mapped eelgrass beds in the construction areas in order to avoid disturbing them with the construction work. Sarah Brown knows volunteer groups who are interested in helping with planting the park after construction. Kathleen will connect Sarah to Scott Moore, SWM Watershed Steward, who is leading the backshore beach planting for this project. Sarah will reach out to interested community groups once she and Scott discuss the level of help that will be needed with the planting.
- **Estuary and Salmon Restoration Program (ESRP):** The MRC and University of Washington partners will conduct fieldwork for the ESRP Grant, “Effects of Nourishment on Railroad Grade Beaches” from June 6 to June 10, 2016. The ESRP board approved portfolio status for the grant, which means that it will have an additional two years of funding without the requirement of re-submission. MRC members suggested that the data collected for this project this information serve as baseline shoreline data, which may also be beneficial for oil spill subcommittee work.
- **Time-lapse Video:** Kathleen is working with the company Erdman to discuss equipment, maintenance, and cost estimates for the time-lapse videos. The company will provide live feed of the construction process, and use solar power and a phone line to collect the video feed. The County, possibly with the help of City of Everett Parks and Recreation Department, would need to install the video and solar panel kit. MRC members supported showing the live feed at MRC meetings. MRC members were also interested in being able to tour the construction. MRC Staff will work to see what options may be available for a boat trip. Options include the SWM jet boat, the City of Everett boat, and the Snohomish County Sheriff’s boat.
- **Signage Planning and Development:** The MRC has hired Anchor QEA who has subcontracted with Kris Wiltse to serve as the artist for the interpretive signs. Kathleen delayed the scheduled design charrette meeting due to Paul Schlenger’s and Frank Leonetti’s limited availability.

Announcements

- Autumn Moore will be resigning early from her term as the Washington Conservation Corp Individual Placement, Marine Resources Assistant, effective May 20, 2016.
- Paul Clampitt provided updates on the last NWSC meeting. Each MRC presented their 2016 RFP ideas. Franchesca presented the Snohomish MRC’s RFP on storm surge monitoring in Port Susan. The NWSC provided feedback on the projects.
- Lucas Hart shared information with MRC Staff that on June 8, 2016 there will be a field opportunity to learn about the new forage fish monitoring vortex method. There are limited spaces for the training. MRC Staff will send out a reminder to MRC Members.
- Paul Clampitt shared an update on that status of the LIO and shared the request from input on the Ecosystem Recovery Plan that is in development. Paul drafted feedback for the MRC to review prior to sending it to the LIO. MRC staff will send out the LIO Feedback and Discussion documents for Members to review. Comments are due May 31, 2016.
- Bob Hillmann and Paul Clampitt are preparing for Recreational Crabber Opening Day for Snohomish County, July 1, 2016. They intend to hand out crabber and rockfish packets at the event. Courtney Baxter, the new NWSC Social Media Project Assistant, plans to connect with Bob and Paul for the event. Sarah Brown and Susan Tarpley also expressed interest in

connecting with Courtney for summer events. Autumn will share contact information between all parties.

- Kathleen asked for feedback from the MRC on purchasing sandwich boards for MRC events. MRC members approved the use of funding to order sandwich boards, but thought it was a low priority.
- Kathleen asked if an MRC Member could welcome the 2016 class of Washington State University Beach Watchers on her behalf. Tom Hoban volunteered to attend and welcome the Beach Watchers.
- SWM has made an offer to a candidate to fill the MRC/CWM Planner position is waiting to hear back confirming that the offer was accepted.

Running List of MRC Actions:

- MRC Staff will work to repackage the Port Susan LIO NTA as an ESRP grant proposal.
- Kathleen will send the NWSC Storm Surge Monitoring RFP draft to Gregg Farris and Ann Bylin for review.
- Susan will forward more information on the hiring of Kathryn Dutton out to MRC Staff.
- Susan, Franchesca, and Kathleen will draft sections for the letter to Executive Somers.
- Kathleen will connect Sarah Brown and Scott Moore.
- Sarah will reach out to interested community groups for nearshore planting after connecting with Scott.
- MRC staff will send out the LIO Feedback and Discussion documents for MRC Members to review.
- Autumn will connect Courtney Baxter with members of the MRC.
- Tom will follow up with WSU Beach Watchers regarding the graduation event.

The meeting was adjourned at 8:40 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

June 15, 2016 6:30-8:30PM

3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201

Admin East Building, 6th Floor, 6A02

MRC Members Present Paul Clampitt Mike Ehlebracht Simon Geerlofs Bob Hillmann Thomas Hoban Lincoln Loehr Franchesca Perez Traci Sanderson Cathy Stanley Susan Tarpley Paul Schlenger Absent Sarah Brown	Staff, Presenters, and Others Kathleen Herrmann, Snohomish County MRC Lead Staff Scott Moore, Snohomish County, Watershed Steward Craig Wollam, Snohomish County Beach Watchers Hannah Spohn, incoming MRC Program Assistant Elise Landreaux, WCC IP, Snohomish County Native Plant Program
Summary of Decisions	
<ul style="list-style-type: none">The MRC approved the May 18, 2016 MRC Meeting Summary.	
Upcoming Events	
<ul style="list-style-type: none">Recreational Fisherman's Education	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:32 pm.

Approval of MRC Meeting Summary

Thomas Hoban made a motion to approve the April 20, 2016 MRC Meeting Summary. Paul Clampitt seconded the motion. All were in favor and the motion passed.

Nearshore Planting Overview- Scott Moore

Scott Moore shared images from the onsite progress and planting plan. Crews removed eleven Lombardy poplars on site, several of which now serve as large woody debris along the shoreline. October 2016 is the target date for planting; the County is making great progress to prepare the site. After planting, the Washington Conservation Corps work crew will install wood fencing on site, preventing animals and people from disturbing the planting area. Sarah Brown is interested in coordinating volunteers for planting and site maintenance to foster community and stewardship at the park as well as help prevent vandalism.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

June 15, 2016 6:30-8:30PM

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

Nearshore Restoration Project Updates- Bob Hillmann/Kathleen Herrmann

- **Construction Update-** Kathleen showed a video on the progress at Howarth Park; there are several large barges dumping river sand on site, and crews are placing sediment at four other locations.
- **Time-lapse Video-** The time-lapse video installation is still in progress due to complications with vandalism and logistics.
- **ESRP -Forage Fish Monitoring-** Kathleen is recruiting volunteers for forage fish monitoring. The UW team and Kathleen sampled several sites in early June including Picnic Point, Glenwood Creek, Howarth Park, and Meadowdale.
- **Signage Planning and Development-** The MRC selected Kris Wiltse as the artist for the signage work. Paul Schlenger will help with the information on the signs. The MRC is projecting an October installation.

15 minute break at 7:40

Subcommittee Reports

- **Oil Spill-** 42,000 gallons of oil spilled into the Columbia River due to a faulty bolt on the railroad tracks. This reinforces the need for track inspections on bolts to ensure it does not happen again.
- **Recreational Fisherman Education-** July 1 is the opening day Dungeness crab fishing in the Everett area. The MRC will be kicking off this year's recreational fisherman education that same day. The MRC is working on logistics and preparation for the event. The MRC will source packets and pins from SWM. Bob Hillmann will plan to be there. Traci Sanderson voiced concern about the proper hashtag #catchmorecrab or #catchmorecrabsnoco. Craig Wollman will check if WSU Beach Watchers can help with the event. Paul Clampitt will make phone calls; acquire the sandwich board and crab pots from the County and help with the outreach.
- **Kelp-** Traci Sanderson met with the new coordinator regarding kayaks, protocol and safety procedures.
- **Port Susan-** Traci Sanderson did some initial planning on the ESRP small grant RFP, and will seek feedback from Ryan Williams regarding the NTA submitted to the Puget Sound Partnership to see if that would be good potential project.

Announcements

- Hannah Spohn is the new Marine Resource Committee Assistant. She will begin on June 22.
- The newly hired SWM Planner position will begin on July 5.
- The MRC is uncertain of July meeting date – Options are July 20 and July 13. Elise Landreaux will send out doodle poll to schedule the meeting.
- Thomas Hoban and Lincoln Loehr attended ORCA Program Review Day.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

June 15, 2016 6:30-8:30PM

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

Running List of MRC Actions:

- Bob Hillman and Paul Clampitt will provide outreach on crabber opening day on July 1 and 2. Paul will make phone calls, acquire sandwich boards and crab pots for Crabber Opening Day education.
- Traci Sanderson will speak with Ryan Williams regarding Port Susan outreach.
- Susan Tarpley will finish writing the letter to Dave Somers with the help of Franchesca Perez. Topics will include rain gardens, oil spills and marine culverts.
- Susan Tarpley will contact Dave Lucas to request an update on the Cascadia Rising event.
- Elise Landreaux will create doodle poll for July meeting date.

The meeting adjourned at 8:30 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

August 17, 2016 6:00-6:30PM

**Brain Carter Cellars Tasting Room, 14419 Woodinville-Redmond Road Northeast
Woodinville, WA 98072**

<p>MRC Members Present Paul Clampitt Mike Ehlebracht Simon Geerlofs Bob Hillmann Thomas Hoban Lincoln Loehr Franchesca Perez Traci Sanderson Cathy Stanley Susan Tarpley Paul Schlenger Sarah Brown</p> <p>Absent</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County MRC Lead Staff Hannah Spohn, MRC Program Assistant Elisa Dawson, Snohomish County MRC Planner Jerry Masters, Northwest Straits Commission Nan McKay, Northwest Straits Commission Betsy Lyons, City of Seattle Ginny Broadhurst, Northwest Straits Foundation Caroline Gibson, Northwest Straits Foundation Bridget Trosin, Washington Sea Grant Scott Pozarycki, Guest</p>
<p>Summary of Decisions</p> <ul style="list-style-type: none"> • The MRC approved the MRC Letter to Dave Somers. 	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • Monthly MRC meeting on September 21, 2016 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:10 pm.

Approval of MRC Letter to Dave Somers- Franchesca Perez

Franchesca Perez presented the final version of the letter to Dave Somers. The letter offers comments and recommendations regarding Dave Somer’s recent announcement that the protection and restoration of Puget Sound will be a centerpiece of his administration. Specifically, the letter focuses on oil spill response planning and preparedness, stormwater runoff, and nearshore habitat alteration and marine culverts. Lincoln Loehr made a motion to approve the letter. Traci Sanderson seconded the motion. All were in favor and the motion passed. Kathleen Herrmann will send the letter to Executive Dave Somers via email within the next week.

Recognition for Tom Hoban, Paul Schlenger, and Simon Geerlofs- Kathleen Herrmann

The Snohomish County Marine Resources Advisory Committee recognized Tom Hoban for his 1,869 hours of community service, Paul Schlenger for his 424 hours of community service, and Simon Geerlofs for his 425 hours of community service. Each of them received a commemorative plaque and limerick to celebrate their work to further the protection and restoration of marine habitat in Snohomish County. We are deeply grateful for their service.

The meeting adjourned at 6:30 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

September 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 Paul Clampitt Mike Ehlebracht Bob Hillmann Lincoln Loehr Franchesca Perez Traci Sanderson Cathy Stanley Susan Tarpley Sarah Brown</p> <p>Absent</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County MRC Lead Staff Elisa Dawson, Snohomish County MRC Planner</p> <p>Will Hall, Snohomish County Surface Water Management Director Erik Stockdale, Snohomish County Surface Water Management David Bain, Sound Action Jerry Masters, Northwest Straits Foundation Melinda Gray, Citizen Laura Gurley, Citizen</p>
<p>Summary of Decisions</p> <p>The MRC approved the June 15, 2016 and August 17, 2016 MRC Meeting Summary.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • The Northwest Straits annual Marine Resource Committee Conference is Nov 4-5, 2016 • Sound Living One-Day University October 22, 2016 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:33 pm. The MRC was pleased to welcome Will Hall and Erik Stockdale to the meeting.

Approval of MRC Meeting Summary

Mike Ehlebracht made a motion to approve the June 15, 2016 and August 17, 2016 MRC Meeting Summary. Bob Hillmann seconded the motion. All were in favor and the motion passed.

Update on Snohomish County’s Puget Sound Efforts

Snohomish County Surface Water Management Director, Will Hall, and Special Projects Coordinator, Erik Stockdale, attended the MRC meeting to discuss the Executive’s recently announced Puget Sound Initiative. Will Hall thanked the MRC members for their service on behalf of Executive Somers and himself. Will said that Executive Dave Somers is in the process of drafting the Puget Sound Initiative, centered on the restoration of the Puget Sound, which Executive Somers will focus on during his administration. Erik reported that in his new position with Snohomish County he would be sharing the work done by Surface Water Management. Erik emphasized that telling the story of the MRC to the public is important, and he will work the MRC staff and members to develop a storyboard of the MRC’s accomplishments.

Nearshore Restoration Project Updates- Bob Hillmann/Kathleen Herrmann

- **Construction Update-** Kathleen reported that sediment placement is complete at all of the nearshore sites. Howarth Park bridge construction is complete, and the bridge park reopened just before Labor Day weekend. Scott Moore from Snohomish County Surface Water Management Native Plant Program will help plant native plants around the bridge area this fall. Sarah Brown has a group of middle school students who are interested in volunteering to help plant. Elisa will follow up with Scott to schedule a day in the fall for a community event to help plant at Howarth Park
- **Stakeholder and community workshop-**
 - Snohomish County hosted a Stakeholder Workshop on September 8, 2016. Partners from the Conservation District, the Port of Everett, Snohomish County Parks, the Army Corps of Engineers, Snohomish County Surface Water Management, the Tulalip Tribes, and the Washington Department of Fish and Wildlife came together to discuss funding opportunities for long-term maintenance of the nearshore restoration sites. The group discussed some of the problems with obtaining grant funding for maintenance projects. The group also thought it would be worth looking more deeply into the creation of a Beach Management District to support funding for long-term maintenance.
 - Snohomish County hosted a Community Meeting on September 12, 2016. Approximately 25 community members attended the meeting. Presentations included a Nearshore Beach Restoration Project Background and Update, Nearshore Long-Term Maintenance and Management, and Potential Funding Strategies. Community members expressed appreciation for the project, and were interested in grants and as a way to continue funding for the project, as well as were interested in the idea of a Beach Management District.
 - Kathleen presented a draft version of the Snohomish County Nearshore Beach Restoration Long Term Maintenance and Management Report. Bob Hillmann and Sarah Brown will review the draft report. The report is due September 30, 2016.
- **Time-lapse Video-** Kathleen played a rough-cut of the time-lapse video of the construction at Howarth Park. Editing and post-processing is in progress with Erdman, the company that was hired to develop the video.
- **ESRP -Forage Fish Monitoring-** The MRC has hired James Selleck with Natural Resources Consultants (NRC) to conduct forage fish monitoring monthly at selected sites. The MRC will continue to monitor sites 2, 5, 6, 9, 10, Howarth Park, and will add Picnic Point and Meadowdale Beach Park. Due to limited resources, Kathleen discussed the need for volunteers to support the forage fish monitoring in order to best utilize the consultant and time. Susan Tarpley, Franchesca Perez, Bob Hillmann, Sarah Brown, and Lincoln Loehr volunteered to help with forage fish monitoring at the selected sites as needed.
- **Signage Planning and Development-** the MRC received drafts of the “What can you see” and “What is the nearshore” signs. These are two of the four signs developed by Kris Wiltse and Anchor QEA. Kathleen will send out an email with the sign drafts to interested MRC members who would like to provide feedback.

Storm Surge Monitoring and MyCoast App

Franchesca Perez gave an overview of the Storm Surge Monitoring project; the MRC is collaborating with the United States Geologic Survey (USGS) to calibrate a wave model in development. The purpose of the grant is to connect citizens with the USGS to conduct monitoring on weather events and tide heights in Snohomish County beginning on October 1, 2016. The MRC has contracted with Blue Urchin LLC, which makes a website and companion app, which will allow

the citizen scientists involved in the project to collect and submit their data easily for this project. Elisa Dawson presented the MyCoast website and phone app draft that Blue Urchin LLC has created for this project. The contract with Blue Urchin LLC on the public MyCoast website and app allows our team and citizens to collect data download it for one year. The MRC members were pleased to see that moving forward. There will be a citizen science training for the storm surge project on October 21, 2016 from 4PM-6PM at Kayak Point Park in the large picnic shelter at the southern end of the park. This event is aimed at local shoreline landowners or others with beach access and will train the volunteers who will be using the MyCoast app to collect and report data for this project.

Subcommittee Reports

- **Oil Spill**– Mike Ehlebracht gave an overview of his discussions with Ecology and progress on getting a drill in Snohomish County with National Response Corporation (NRC). Once a place and date for the drill is decided, Mike will forward the information to the MRC. Susan spoke with the Snohomish County Emergency Management team. The Emergency Management team received a copy of the Letter to Executive Somers and they will follow up with a response to the MRC. The oil spill subcommittee will schedule a meeting for the fall.
- **Recreational Fisherman Education**– Paul Clampitt reported that fishing is not currently open for the season. Paul and Bob Hillmann reported on lessons learned from the Crabber Education outreach. MRC staff will send the Read Me for Crabber education to Paul and Bob to review and add to as desired.
- **Kelp**- Elisa Dawson, Lincoln Loehr, Traci Sanderson, and Kathleen Herrmann completed the September kelp monitoring at Edmonds, Mukilteo, and Meadowdale Park. The kelp appeared to be less dense than previous monitoring. The NWSF has hired Transect Films, who filmed at Meadowdale during the kelp monitoring to attain footage for informational video on kelp monitoring.
- **Port Susan**- nothing to report

Announcements

- The next Northwest Straits Commission (NWSC) meeting is September 30 via a web ex.
- The NWSC is hiring a new executive director. Candidates will be interviewed at a special meeting on Oct 26, 2016.
- The NWSC is drafting a letter to DOE pertaining to water quality concerns on the proposed rules for salmon net pens.
- Paul reported that the LIO draft Ecosystem Recovery Plan was submitted on September 15, 2016.
- Staffing update: Hannah Spohn finished her WCC Individual Placement Friday, September 16, 2016. The MRC does not have new Individual Placement member this year.
- The Boat tour for the nearshore beach nourishment project was authorized but the price tag must be reduced by 1/2. The boat tour will be an opportunity for elected officials, staff, and partners to see the accomplishments from this project. Including MRC members, there will be approximately 60 people invited to the event, and food will be provided. Bob Hillmann will email Kathleen additional City of Everett employees and officials to add to the guest list for the boat tour.

- The City of Edmonds starlight beach walk will be in January or February 2017. The MRC agreed to provide hot chocolate and to have representatives attend the event. Susan Tarpley will follow up on scheduling the event.

Running List of MRC Actions:

- MRC staff and members will coordinate with Erik Stockdale on finding ways to tell the MRC story.
- Susan Tarpley, Franchesca Perez, Bob Hillmann, Sarah Brown, and Lincoln Loehr volunteered to help with forage fish monitoring at Picnic Point and Howarth Park. The group will schedule dates to do forage fish surveys once a month throughout the winter season.
- Elisa will follow up with Scott Moore to schedule a day in the fall for a community event to help plant at Howarth Park
- MRC staff will send out reminder to MRC members for the October 21 storm surge training. Franchesca and Paul have agreed to attend the event.
- The Oil Spill Subcommittee will schedule a meeting for this fall.
- MRC staff will send the Read Me for Crabber education to Paul and Bob to review and add to as desired.
- Bob Hillmann will email Kathleen additional City of Everett employees and officials to add to the guest list for the boat tour.

The meeting adjourned at 8:35 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

October 19, 2016 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 Mike Ehlebracht Bob Hillmann Lincoln Loehr Franchesca Perez Traci Sanderson Cathy Stanley Susan Tarpley Sarah Brown</p> <p>Absent</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County MRC Lead Staff Elisa Dawson, Snohomish County MRC Planner</p>
<p>Summary of Decisions</p> <p>The MRC approved the September 21, 2016 MRC Meeting Summary.</p>	
<p>Upcoming Events</p> <ul style="list-style-type: none"> • Northwest Straits Marine Resource Committee Conference- Nov 4-5, 2016 • Sound Living One-Day University- October 22, 2016 • Washington State Covered Vessel Training and Tabletop Oil Spill exercise- November 9-10 • Community Planting Day at Howarth Park- November 1st 3:30PM-5PM 	

Welcome and Introductions

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

Approval of MRC Meeting Summary

Paul Clampitt made a motion to approve the September 21, 2016 MRC Meeting Summary. Lincoln Loehr seconded the motion. All were in favor and the motion passed.

LIO Estuary Cleanup Project

Kathleen Herrmann attended the LIO meeting for Paul Clampitt on October 6, 2016. The meeting celebrated the completion of the LIO draft Ecosystem Recovery Plan. The members of the LIO then focused on how to use the \$100,000 for regional NTA implementation. The LIO presented high priority and medium priority project proposals and discussed whether to use the \$100,000 to fund multiple projects under \$100,000, one project at \$100,000 or a project greater than \$100,000 with the intention of funding the project in phases. The MRC’s Estuary Cleanup Project is a highly ranked project. Kathleen spoke to the LIO on the Estuary Cleanup project, and said that the project could be done in phases and work could be done to remove creosote pilings in the Snohomish

Estuary with the \$100,000. LIO members were very interested in the project however, they decided to wait until the November 15 meeting to choose an NTA, by which time the Puget Sound Partnership will have selected the projects it will be funding. This way, the LIO will not select an NTA for funding which the Puget Sound Partnership may also choose. The LIO agreed to get additional information from NTA proposal applicants from the high priority list, and select a high priority project that the Puget Sound Partnership does not fund at the November 15 meeting. Kathleen brought an example of the questionnaire that each project sponsor has been asked to fill out.

Kathleen also reported about the US Fish and Wildlife Service (UFWFS) Large Coastal Project 2017-2019 funding opportunity. This opportunity came up quickly, and Snohomish County Surface Water Management put together and submitted a request to consider funding the \$650,000 for the creosote pilings portion of the MRC Estuary Cleanup Project. Kathleen shared that the Large Coastal Project Grant specified priority areas, and the Snohomish estuary was one of them. Franchesca Perez asked if SWM thought at all about applying for funding for the Meadowdale project. Kathleen responded saying that Meadowdale would not be ready for any construction within the timeframe of this funding opportunity, because it is still in design process and will be for several years. The design portion of the project is fully funded.

Sarah shared her concern about risk of pollutants entering the water during the removal process of creosote pilings and this water quality issue could negatively affecting orcas. Mike shared his experience doing these kinds of projects in the past, and told the group that there are safe ways to remove creosote pilings. Although there may be a short-term spike in pollutants, every effort will be made to reduce this. The benefit of the project is to remove long lasting and continual sources of pollutants that has persisted for decades in Puget Sound. He also said in order to remove the pilings, the permits will stipulate the conditions required to remove the pilings safely.

Nearshore Restoration Project Updates

- **Time-lapse Video-** Kathleen played an updated version of the time-lapse video of the construction at Howarth Park provided by Erdman. Erdman was hired to take the video, edit and post-process it to create the time-lapse video.
- **Signage Planning and Development-** Kathleen passed out copies of the final “What can you see” sign, as well as a draft version of the “Why Restore” sign. MRC members thought the “What Can You See” sign was great and ready for production. MRC members gave comments on the “Why Restore” sign, including reducing the copy and eliminating the boxes around each of the drawings. Comments also including removing the word “Reconnecting” from the titles and suggested they would like to see the landscape image as a full background for the sign, with the callouts within the landscape. There were questions about how many signs will be next to each other. Kathleen shared that there will be four at Howarth Park, one at Edgewater Park, and likely one at Pigeon Creek. Signs will be ordered in November and installed in early December.

Storm Surge Monitoring and MyCoast App

Franchesca Perez gave an overview of the Storm Surge Monitoring project. The MRC is collaborating with the United States Geologic Survey (USGS) to calibrate a wave model in development. The purpose of the grant is to connect citizens with the USGS to conduct monitoring on storm events and tide heights in Snohomish County. This project is part of the MRC’s Annual Grant and began on October 1, 2016. The MRC has contracted with Blue Urchin LLC, which has made a website and companion app for the project called “MyCoast.” MyCoast will allow the citizen scientists involved in the project to collect and submit their data easily for this project via

phone or computer. A training on this project is scheduled for October 21, 2016 from 4PM-6PM at Kayak Point Park in the large picnic shelter at the southern end of the park. This audience for this event is local shoreline landowners or others with beach access. Training will be provided to volunteers who will be using the MyCoast app to collect and report data for this project. Franchesca suggested sending an email to the people who have registered for the training to suggest they download the app before they arrive.

Sarah Brown tested the MyCoast app, and had several suggestions. She wanted to clarify when the app says to choose your principle direction, should choose which way she was facing or which way she was facing from? She also mentioned to advise participants to be careful not to hit the back button on their phone, because this may delete the report while participants are working on it. Elisa Dawson will work with MyCoast to address these confusing elements of the app.

Subcommittee Reports

- **Oil Spill**– Susan shared that the National Response Corporation (NRC) Tabletop Drill will be November 9 and 10 in Lynnwood. November 9th will be a training day, and the exercise will be on the 10th. Susan gave an overview of the Unified Command, which is based on the Fire Response Protocol, and gave an overview of how the Chain of Command works. Susan was offered to participate in the exercise as a Community Liaison representing the MRC and environmental groups. She asked the MRC if this is an appropriate role for her to take, or if it is a role the Snohomish County Department of Emergency Management (DEM) should be doing. The MRC members thought it would be beneficial for her to take the role, but also supported Susan’s interest in contacting DEM and having them take an active role in the drill. Susan agreed to participate in the Tabletop Drill, and asked the MRC members to give her names and information for any contacts that may be helpful during the scenario. Kathleen will send out an email asking for this information, and asked MRC members to provide name, agency, title, phone number, and email in their response. Mike cannot attend the meeting the November 9 and 10th NRC. Franchesca will be at the NRC Tabletop Drill representing the Stillaguamish Tribe.
- **Kelp**- Traci reported that the October 14th Kelp Monitoring Workshop was cancelled due to a storm in Port Townsend. She reported that Transect Films is working on a draft video of the kelp monitoring, and hopes that have a draft video by next meeting.
- **Port Susan**- Traci asked if site visits through the foundation are still being funded. Kathleen said she would ask the Northwest Straits Foundation about this. Traci also suggested that handouts about shoreline protection be provided to citizens attending the Storm Surge training on October 21.

Forage Fish Monitoring

Elisa passed around the forage fish sampling events signup sheet. MRC members signed up for November 15th with 14th as back up, December 6th with 12th as back up, and January 17th with 18th as back up. For November, December, and January there are enough MRC members who feel sufficiently trained to collect our forage fish samples without assistance from our consultant. One set of volunteers, led by Franchesca, will meet at Howarth Park; another set of volunteers, led by Paul, will sample at Meadowdale and Picnic Point. Elisa will lead the boat volunteer crew. The MRC will coordinate with an MRC member to drop off the forage fish samples to the consultant for processing in Seattle.

Announcements

- The Northwest Straits Commission (NWSC) meeting was held on September 30, 2016 via a web ex.
- November 1st is the Community Planting Day at Howarth Park at 3:30 p.m.. Please RSVP if you will be attending.
- The 18th Annual MRC Conference is November 4-5 at the Northwest Maritime Center in Port Townsend, WA. All available MRC members should be registered. Travel forms have been approved by Snohomish County. MRC Members will need to keep receipts and turn those in after the conference to receive reimbursement.
- Washington State Covered Vessel Training and Tabletop Oil Spill exercise-November 9-10, 2016 in Lynnwood.
- November 16th MRC Meeting: Kathleen will not be at this meeting; Elisa will be the staff in charge.
- Paul Clampitt offered to host the MRC Christmas Party on Wednesday December 21 meeting at his home.
- Bob received a call about the seal signs having an incorrect phone number for reporting dead seals. Susan said that the number on the sign is for harassing a live seal. A volunteer is needed to go look at the signs to determine which signs have an incorrect phone number and need to be reconnected.

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 follow up with Bob Hillmann on release forms for volunteers at the Nov. 1st planting day.
- Susan will coordinate with Kathleen on an email to MRC Members to gather contact information on stakeholders for the Washington State Covered Vessel Training and Tabletop Oil Spill exercise.
- Staff will coordinate with Bob to get him the MRC booth for Sound Living.
- Kathleen will send out an email to all registered participants for the Storm Surge training to encourage them to download the app before the training.
- Kathleen will pass along comments on the nearshore signs to the consultant.
- Kathleen will coordinate with Sarah, Mike, and Franny who will help contact potential MRC members for recruitment.

The meeting adjourned at 8:30 pm.

Snohomish County Marine Resources Advisory Committee Meeting Meeting Summary

November 16, 2016 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 Mike Ehlebracht Lincoln Loehr Franchesca Perez Traci Sanderson Cathy Stanley Susan Tarpley Sarah Brown</p> <p>Absent Bob Hillmann (excused)</p>	<p>Staff, Presenters, and Others Elisa Dawson, Snohomish County MRC Planner</p> <p>Craig Wollman, Snohomish County Beach Watchers Laura Gurley, Port of Everett Jill Ryan, Citizen David Bain, Sound Action</p>
<p>Summary of Decisions</p> <p>The MRC approved the October 19, 2016 MRC Meeting Summary.</p>	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none"> • Forage Fish Monitoring scheduled for Dec 6 with back up date of Dec 12. • Next MRC Meeting is December 21, 2016 and will be off county campus at Paul Clampitt’s house. • January 10, 2017 Starlight Walk in Mukilteo. Susan, Franchesca, and Craig all said they plan to attend. • February 7, 2017 Starlight Walk in Edmonds. 	

Welcome and Introductions

Franchesca Perez opened the Marine Resources Committee (MRC) meeting with a quorum at 6:35pm.

Approval of MRC Meeting Summary

Sarah Brown made a motion to approve the September 21, 2016 MRC Meeting Summary. Mike Ehlebracht seconded the motion. All were in favor and the motion passed.

Recap of NRC Tabletop Drill in Snohomish County

Susan Tarpley reported on the National Response Corporation (NRC) hosted a Tabletop Drill held on November 9 and 10 in Lynnwood. November 9th was a training day, and the exercise was on the 10th. . Susan reported that the scenario was a tanker ship that lost propulsion and came ashore on south Whidbey Island. In the drill, 35,000 100-gallon barrels of Alaskan crude oil spilled into Admiralty Inlet. Susan participated in the drill on the liaison team. The liaison team’s role was to come up with a plan to take information on what was going on with the spill and communicate that information to the community, community leaders, and stakeholders. The liaison team also created plans for communicating with the local tribes. The usual and accustomed fishing areas of ten tribes’

would be affected in this hypothetical spill scenario. Susan thanked the MRC members for their help in compiling a list of key stakeholders before this workshop. She noted that the most important thing she observed from the drill was that the participants realized how important it was to have a local person with local knowledge at the event. Overall, Susan thought it was an effective drill. The state level participants did not know whom the local players would be, which made the compiled list of stakeholders important. Susan said that local first responders knew their role, but needed assistance incorporating the different needs of all the players in an oil spill response. Snohomish County Department of Emergency Management (DEM) Mark Murphy attended the event, which Susan thought was an important step in the right direction for Snohomish County preparedness. **Susan suggested that the MRC share a contact list for oil spill response with DEM.** Susan also learned that NRC insurance would cover private boats interested in volunteering for the Vessels of Opportunity (VOO) Program.

Nearshore Restoration Project Updates

- **Update on Howarth Park Community Planting Day November 1st** - Sarah Brown reported that there were 18 middle school students from the Olympic View Middle School National Junior Honors Society which volunteered and planted dune grass at Howarth Park. Several community members and MRC members also volunteered at the Community Planting Day. The volunteers planted an estimated 800 dune grass plants.
- **Review Final Signs** – Elisa passed around the final proofs of the four signs, which are Sign 1- “What Has Changed Here?” Sign 2- “What Is the Nearshore?” Sign 3- “Why Restore,” and Sign 4- “What Can You See?” The MRC members were pleased with the artwork. Franchesca suggested using the “What Can You See” sign as a template for future aesthetics and as an example for the maximum amount of text to put on an interpretive sign. Elisa reported which signs will be placed at the following locations:

Howarth Park Three-Panel Kiosk

Sign 1: “What Can You See?”

Sign 2: “What Is the Nearshore?”

Sign 3: “Why Restore”

Howarth Park Single Radius Frameless Double Pedestal

“What Has Changed Here?”

Pidgeon Creek Park Three-Panel Kiosk

Sign 1: “What Has Changed Here?”

Sign 2: “What Is the Nearshore?”

Sign 3: “Why Restore”

Edgewater Park Single Cantilever Exhibit Base

“What Can You See?”

The MRC members thought that the Pigeon Creek signs might not get as much viewing opportunity as they would on Jetty Island. Elisa reported that Lisa Lefebber from the Port of Everett suggested that the signs for Pidgeon Creek could be more effective at Jetty Island. Elisa shared that David Lucas is looking into the grant contract to make sure we could place the signs at Jetty Island within the scope of our grant. Elisa will follow up on the placement of the signs with David and Lisa.

LIO Meeting Funding Decision

Paul reported that he attended the last Snohomish-Stillaguamish Local Integrating Organization (LIO) meeting on November 15, 2016. The purpose of the meeting was to determine how to spend the \$100,000 in project funds received from the Puget Sound Partnership. The LIO had previously decided to fund a high priority Near Term Action (NTA), which included the MRC NTA for Removal of Creosote Pilings in the Snohomish Estuary. At the meeting, the LIO divided High Priority NTAs into the corresponding groups: Stormwater, Shellfish, and Habitat. The LIO decided that they would spend their local funding on habitat projects because there were no regional NTAs from the Snohomish-Stillaguamish LIO that were funded from that category. The LIO decided to recommend funding for the following habitat projects: Living with Beavers at full funding of \$50,000, and the MRC NTA for Removal of Creosote Pilings in the Snohomish Estuary at partial funding of \$50,000. If approved, contracting should be finished early spring 2017.

MyCoast App Form Choices

Elisa reported that within the scope of work for the MyCoast app, the MRC could have up to five forms available during the current contract. The Storm Surge form is complete and available on the app, so there is potential to add four more forms. Options for additional forms include Creosote Pilings: Recording Creosote Piling Location, King Tides: Capturing Highest Tides, Abandoned Boats: Recording Abandoned and Derelict Boats, and Storm Reporter: Capturing Storm Damage

Paul recommended that the MRC prioritize adding the Creosote Pilings: Recording Creosote Piling Location form to the Snohomish County MyCoast app. to begin preparing for this project. The rest of the MRC members agreed, and said approved to add a Creosote Pilings: Recording Creosote Piling Locations form. Elisa mentioned that MyCoast does not already have a form exactly like this, but that it would look much like the Abandoned Boats: Recording Abandoned and Derelict Boats form, which records GPS location and a photograph. Elisa will start working with Blue Urchin LLC on developing this form.

MRC members said that the Department of Ecology already has a system for citizens to share their king tides information (http://www.ecy.wa.gov/climatechange/ipa_hightide.htm). Therefore, the MRC decided to forego adding the King Tides: Capturing Highest Tides form. The MRC approved adding the Abandoned Boats: Recording Abandoned and Derelict Boats form to the MyCoast app as part of the estuary clean up proposal, where the ultimate goal is to remove creosote pilings as well as abandoned boats. The storm reporter form, which allows citizens to submit information about damage to physical property, appealed to the MRC as a useful tool for gathering information related to armoring the shore. The MRC approved the addition of the Storm Reporter: Capturing Storm Damage form as a way to gather information on physical property damage related to storms. These decisions approved by the MRC would fill four of the five forms the MyCoast contract will host for their one-year contract (October 1, 2016 – September 30, 2017). The MRC discussed the possibility of creating a new form that would monitor beach change by establishing photo sites marked with signs. Citizen scientists who take pictures from the same spot over time would gather data in this form. The MRC will continue this conversation at future meetings.

Subcommittee Reports

- **Oil Spill**– Susan had no further update from what she presented in her report of the NRC Tabletop Drill.
- **Kelp**- Traci reported that she attended the November 1, 2016 Kelp Monitoring Workshop, which was rescheduled from the October 14th meeting that was cancelled due to a storm in Port Townsend. The workshop presented the results from the six MRCs

that participated in the Northwest Straits Commission work to monitor and protect kelp in northern Puget Sound. The workshop focused on the data kayakers collected and the issues with collecting consistent data. Participants discussed why there was variation in the data and how to collect better data. Ideas for collecting better data included using drones to survey or doing overflights. Changing the scope of the data collection for kayakers to focus on taking depth measurements, possibly bringing back the density measurement, and ideas for different types of temperature reading were other options. The workshop participants plan to continue to meet throughout the winter to update the Kelp Monitoring Protocol, and decide how best use the data. Elisa played the Transect Film Kelp Survey video, created as an outreach material for the Northwest Straits Foundation on this work, for the MRC (<https://vimeo.com/189816327>).

- **Port Susan-** Traci noted that she did not have a Port Susan updated. Franchesca said she recently photo documented the NE area of Port Susan. She reported that she often saw less wood racks in front on bulkheads, and the driftwood was instead piling up on beach areas.

Forage Fish Monitoring

Elisa thanked the MRC for their participation so far in forage fish sampling. The MRC collected all the November forage fish samples and Cathy delivered them to the consultant for processing. Elisa confirmed the December dates and sign ups.

Primary date: Dec 6: Meet at 2:30PM at Howarth

Howarth: Franny, Cathy, Max, Bob.

Meadowdale/ Picnic: Traci, Paul, Susan.

Back up date: Dec 12: Meet at 8:30 at Howarth.

Howarth: Franny, Sarah, Bob.

Meadowdale/ Picnic: Traci, Paul, Susan.

One set of volunteers, led by Franchesca, will meet at Howarth Park; another set of volunteers, led by Paul, will sample at Meadowdale and Picnic Point. Elisa will lead the boat volunteer crew. The MRC will coordinate with a volunteer to drop off the forage fish samples to the consultant for processing in Seattle. Unfortunately, Bob Hillmann was unable to attend the blue vortex method training at Padilla Bay Reserve on November 15, 2016. However, Craig Wollman of the Snohomish County Beach Watchers stated that he was able to make the training. MRC staff will contact Craig to see if he may be able to train the MRC on the blue vortex method before the December forage fish monitoring date.

Announcements

- Paul reported that the last Northwest Straits Commission (NWSC) meeting was November 4. They have selected three candidates for the Executive Director position whom the Board will be meet on Dec 5.
- The LIO selected the MRC NTA for creosote pilling removal in the estuary for direct funding at \$50,000 at their last meeting on 11/15. This must go through processing before contracting of the \$50,000. The current estimate is that contracting should be complete by spring 2017.
- January 10, 2017 is the Starlight Walk in Mukilteo. Susan, Franchesca, and Craig all said they plan to attend.
- February 7, 2017 is the Starlight Walk in Edmonds.

- Paul Clampitt will host the MRC Christmas Party on Wednesday December 21, 2016 meeting at his home.

Running List of MRC Actions:

- Elisa will follow up with Blue Urchin LLC, the MRC consultant for the MyCoast app, to create a Creosote Pilings form, and apply the Abandoned Boat and Storm Reporter to Snohomish County.
- 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.
- MRC staff will contact Craig to see if he may be able to train the MRC on the blue vortex method before December forage fish monitoring.
- Elisa will follow up on the placement of the interpretive signs with David and Lisa.
- Elisa will send out an email for side-dish signups for the MRC Christmas Party on Wednesday, December 21 at Paul Clampitt's house.

The meeting adjourned at 8:32 pm.