

Snohomish County Marine Resources Advisory Committee (MRC)

Meeting Summary

Wednesday, January 20, 2010, 6:30 – 8:30 PM

Snohomish County East Administration Building

3000 Rockefeller Ave, Everett WA 98201

1st Floor, Public Hearing Room 2

MRC Members Present

Chrys Bertolotto
Mary Cunningham
Brent Hackney
Thomas Hoban
Lincoln Loehr
Jerry Masters
Mike McHugh
Keeley O’Connell
Dena Peel

MRC Members Absent

Jared Bond, Excused
Dawn Lawrence, Excused
Jen Sevigny, Excused

Staff, Presenters and Others

Kathleen Herrmann, Snohomish County SWM
Andrea Hennings, Snohomish County SWM
Debbie Terwilleger, Snohomish County SWM
Arden Thomas, Snohomish County SWM
Traci Sanderson, People for Puget Sound and
Golder Associates
Jessica Tupper, Stilly-Snohomish Fisheries
Enhancement Task Force

Summary of Decisions

- The October 21, 2009 meeting summary was approved following the correction of “1,300 foot” marsh be changed to “24 acres” under the heading “Friends of the Edmonds Marsh”
- A new Executive Committee for the MRC was approved.
- An email will be sent to MRC interested parties to advertise for two new MRC members representing the Stillaguamish Tribe and an as-yet to be named party

Upcoming Events

- Snohomish County Shoreline Master Plan update meetings: January 26, 2010 (no public testimony) and February 23, 2010 (hearing with public testimony) at Snohomish County Administration East Building
- NWSC monthly meeting: January 29, 2010 at Edmonds City Hall
- Friends of Port Susan Bay meeting: January 21, 2010
- Starlight Beach Walks: January 26, 2010 at Mukilteo Lighthouse Park, February 24, 2010 at Olympic Beach in Edmonds, and February 26, 2010 at Kayak Point Regional Park
- Sound Steward training: February 25, 2010 and March 4, 2010 from 6:00-9:00 PM at the Port of Everett, and February 26, 2010 and March 6, 2010 9:00 AM- 4:00 PM in Snohomish Co.
- UW Water Center’s 20th Annual Review: February 17, 2010
- Friends of the Edmonds Marsh meeting: April 8, 2010

**Snohomish County Marine Resources Advisory Committee
Meeting Summary, Wednesday, January 20, 2010, 6:30 – 8:30 PM**

Welcome, Introductions, and Announcements

Jerry Masters opened the meeting at 6:35 PM.

Introductions were made for those attending the meeting.

Nearshore Sediment Study Grant: Arden Thomas

Arden Thomas announced \$142,280 funding was received from the Salmon Recovery Funding Board (SRFB) to work on the Nearshore Sediment study. This grant leveraged \$25,000 of NWSC funds. NWSC funds will be in use beginning July 1, 2010. The first phase of the project will include biological and physical analyses to identify and rank locations for nearshore habitat restoration locations. Stakeholder meetings will be held to discuss the results of the analyses and potential design approaches.

Shoreline Master Plan Update: Kathleen Herrmann

The Snohomish County Planning Commission will hold two meetings regarding the Shoreline Master Plan update. The first will be a briefing with no public testimony on January 26, 2010, and the second will be a hearing with public testimony on February 23, 2010.

A decision was made for the MRC to review the updates as a group, with Jerry Masters taking the lead on reading the document, with input from Mary Cunningham. The MRC will reach out to Heather McCartney for comments.

It was noted that the first 10-15 pages of the amended draft is likely most applicable to MRC interests, especially for areas like Port Susan and the potential Marine Sanctuary Area (MSA).

Puget Sound Starts Here! Campaign: Kathleen Herrmann

Stickers were passed out depicting the Puget Sound Starts Here! logo.

Northwest Straits Initiative Funding: Kathleen Herrmann

Washington State Senator Patty Murray announced that \$1.6 million was secured in the 2010 spending bill for the Northwest Straits Marine Conservation Initiative.

New Edmonds Port Terminal, Friends of the Edmonds Marsh, and Sound Stewards

Keeley O'Connell announced that the Friends of the Edmonds Marsh will hold a meeting on April 8, 2010. People for Puget Sound are holding a Sound Steward training in late February.

Friends of the Mukilteo Waterfront

Jerry Masters announced that a new group with similar interests of the MRC has formed, Friends of the Mukilteo Waterfront. They are working to restore waterfront access in Mukilteo.

Meetings

Meetings and events were noted.

Special Introduction of Debbie Terwilleger: Kathleen Herrmann

Approval of October 21, 2009 MRC Meeting Summary: Jerry Masters

Keeley O'Connell requested "1,300 foot" marsh be changed to "24 acres" under the heading "Friends of the Edmonds Marsh". Brent Hackney moved to approve the meeting summary with the changes, and Mary Cunningham seconded the motion. The summary was approved.

Public Comment

No public comment

Elections- Executive Committee: Kathleen Herrmann and Jerry Masters

The nominating committee presented the choices for the 2010 MRC Executive Committee:

- Chair: Jerry Masters
- Co Vice-Chairs: Jared Bond & Keeley O'Connell
- NWSC Representative: Tom Hoban
- NWSC Alternates: Lincoln Loehr & Kathleen Herrmann

Tom Hoban motioned to approve the nominations, and Mary Cunningham seconded the motion. The nominations were approved.

Puget Sound Processes: Lincoln Loehr

Lincoln Loehr gave a presentation about currents and processes in Puget Sound.

MRC Administration Updates

MRC recruiting process opened for additional positions: Kathleen Herrmann

Currently, the MRC has 10 members and 1 ex officio member. The Stillaguamish Tribe position is open, and the Committee is authorized to have one additional member. Discussion surrounded the creation of a position with a new designation, possibly a Beach Watcher, a representative from the Stillaguamish Clean Water District, or an At-Large member.

High interest was expressed in finding an individual who could commit a significant amount of time to the MRC, especially in areas of administration and project management. An email will be sent out to MRC interested parties to advertise for new MRC members.

NWSC Grant Contract: Kathleen Herrmann

The \$305,000 NWSC Grant contract was signed by the NWSC and approved by the Snohomish County Prosecuting Attorney. It will be submitted through the County ECAF process to the Council this week. The MRC Annual Report and invoice will be submitted with the signed grant contract.

NWSC Progress Report: Kathleen Herrmann

A draft of the MRC progress report for the first quarter of the 2009-2011 NWSC grant period was submitted on January 15, 2010. A copy was provided at the meeting.

MRC Bylaws: Kathleen Herrmann

Amendments to the MRC bylaws will need to be completed over the next few months, with the help of MRC members.

MRC Snack Sign-up: Kathleen Herrmann

A sign-up sheet was distributed for refreshments for future meetings for each MRC member to sign.

Mussel Watch: Andrea Hennings

Sampling will take place on Monday, January 25 and Tuesday, January 26, 2010 with Mary Cunningham, Lincoln Loehr, Mike McHugh, and Alan Mearns site leads.

MRC members, Jerry Masters, Tom and Maureen Hoban, and Dena Peel have signed up to sample, along with volunteers from Beach Watchers and ORCA students from Everett Community College.

The partnership between the Snohomish County MRC, WDFW, WA Sea Grant, Puget Sound Partnership, and Amy Johnson continues to provide a model for citizen science monitoring in Washington State. The first training took place in Port Townsend on January 8, 2010, with training for the Whatcom MRC and Seattle Aquarium Beach Naturalists taking place on January 22 and 23, 2010, respectively.

NWSC Update: Tom Hoban

Tom noted the next NWSC meeting will be taking place at Edmonds City Hall on January 29, 2010.

The NWSC continues to work on the derelict Gear project, with approximately 35% of the derelict nets removed from the Northwest Straits. As the readily accessed nets will be removed first, future years work on the project will likely be slower or less productive due to the inherent difficulty of retrieval. Currently, there are four boats and crews working full time on the project.

Other topics of interest included a section in the NWSC newsletter about Jerry Masters, the NWSC's continuing efforts to involve the Outer Coast MRC's, and the continued interest in rockfish conservation in the San Juan Islands.

Port Susan MSA Update: Kathleen Herrmann

The workshop will take place on January 27, 2010 at the Warm Beach Christian Camps and Conference Center in Stanwood, WA. The workshop will bring together 29 scientists from a broad array of specialties to identify biodiversity targets for this unique area.

The services of a professional facilitator have been secured to guide discussions. MRC members and staff in attendance will include Kathleen as a small group facilitator, Lincoln Loehr and Mike McHugh as scientists, Mary Cunningham and Chrys Bertolotto as note-takers, and Tom Hoban as an observer.

Kayak Point Update: Kathleen Herrmann

Project Design

Snohomish County staff are reviewing Coastal Geologic Services' 100% restoration design for the storm berm area along the southern portion of the point. The design includes removal of a portion of the bulkhead, relocating the road landward, installing a storm berm to mimic natural processes and facilitate sediment transport processes, and guidelines for restoring the backshore area with native plants.

The Kayak Point Team is working to develop a vision statement to guide the development of two designs, which will be integrated with CGS restoration design. A second public workshop will be held in April 2010 to present design options to the public. A single, final design will be completed in early May based on the results from this workshop.

Pre-restoration Monitoring

Pre-restoration monitoring was completed in August 2009 on 5 parameters including elevation, substrate analysis, nearshore algal and vegetation coverage and biotic communities. Data was collected and cataloged by WSU Beach Watchers.

Problems Encountered

The deliverables the consultant submitted on December 31, 2009 to the MRC are currently under review; however, the initial assessment is that the design drawings and specifications are not sufficient to develop a bid package. Snohomish County plans to submit a comment disposition and resolution form to the consultant. Depending upon the consultant's response, more funding may need to be allocated to project design to develop the documents and plans necessary to create a 100% design and bid plans and specifications.

WSU Beach Watcher and Shore Stewards Update: Chrys Bertolotto

The Beach Watcher program will hold their 2010 training for new recruits. A new outreach plan is focusing on newly retired individuals to increase participants. The message, "Crafting Your Volunteer Experience" is being used on fliers, newspapers, and paid radio advertisements. During last year, 60 volunteers reported over 4000 hours of service with Beach Watchers.

Of the current goal of 100 new Shore Stewards, 86 have been recruited. Shoreline community workshops are being held in conjunction with the Shore Stewards program, with one in the Stillaguamish watershed focused on water quality and LID on February 4, 2010 and another in the Tulalip area focused on coastal processes, erosion, landscaping, and a septic system update by Brent Hackney on February 20, 2010. The goal for these workshops is to have 100 participants. Current partners for the workshops include Tulalip tribes, Stillaguamish tribe, Snohomish County, and the Snohomish County Clean Water District.

Crabber Education Update: Brent Hackney

A number of advancements were made on this project, including Beach Watchers Judy Ness and Joy Lynch obtaining space on local radio for public service announcements and sending out solicitations for information from crab pot manufacturers.

Recent subcommittee meetings focused on how crab pots are lost, an educational poster for display at local sporting good stores and marinas, and new outreach materials and action statements. A draft poster was distributed to the subcommittee for comments, and a map with hazards and best management practice reminders is in development for distribution during crabbing season. A YouTube video is also in the works for a visual on how to set up a crab pot.

Chrys Bertolotto and Andrea Hennings worked to finalize a timeline for the project, as Andrea will now spend 1/3 of her contract time with the MRC on this project.

Meeting Feedback and Project Updates: Jerry Masters & Kathleen Herrmann

Jerry and Kathleen noted the need to begin brainstorming for new MRC projects. In the future, time will be allotted within the agenda explicitly for this purpose. Morgan Schneider's presence was requested for those meetings, as her insight into the Puget Sound Partnerships priorities could be used as a guide.

Jerry Masters adjourned the meeting at 8:30.

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Wednesday, February 17, 2010, 6:30 – 8:30 PM
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1st Floor, Public Hearing Room 2

<p><i>MRC Members Present</i> Chrys Bertolotto Jared Bond Mary Cunningham Brent Hackney Thomas Hoban Dawn Lawrence Lincoln Loehr Jerry Masters Mike McHugh Keeley O’Connell</p> <p><i>MRC Members Absent</i> Dena Peel, Excused</p>	<p>Staff, Presenters and Others Kathleen Herrmann, Snohomish County SWM Andrea Hennings, Snohomish County SWM Debbie Terwilleger, Snohomish County SWM Tim Walls, Snohomish County SWM Traci Sanderson, People for Puget Sound and Golder Associates Jessica Tupper, Stilly-Snohomish Fisheries Enhancement Task Force</p>
<p style="text-align: center;">Summary of Decisions</p> <ul style="list-style-type: none">• The January 26, 2010 meeting summary was approved.• Chrys Bertolotto & Jerry Masters volunteered to assist PSP with the creation of the Whidbey Basin Action Area Local Integrating Organization.	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none">• Shoreline Community Workshop- February 20 at the Tulalip Administration Building• Starlight Beach Walks- February 24 at Olympic Beach in Edmonds and February 26 at Kayak Point County Park• Our Puget Sound, In Depth: <i>Tidal Energy and Other Renewable Energy Sources</i> by Craig Collar, March 10, 7 PM at the Rosehill Community Center in Mukilteo• People for Puget Sound’s 2010 Sound Stewards Training-<ul style="list-style-type: none">• Classroom sessions: Thursday evenings, February 25 and March 4• Field sessions: Saturdays, February 27 and March 6• Storming the Sound Conference- March 26, 9 AM-4 PM at the Seattle Art Museum• Shoreline Master Plan meetings: February 23 (with public comment) and March 23 (closed to public comment)• Kayak Point Visioning Workshop- March 31 at the Lake Goodwin Community Center in Stanwood	

**Snohomish County Marine Resources Advisory Committee
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Welcome, Introductions, and Announcements

Jerry Masters opened the meeting at 6:30 PM.

Introductions

A special introduction was made for Tim Walls, Senior Planner for Snohomish County and Chair of the Snohomish Basin Salmon Recovery Forum.

Puget Sound Partnership and Local Integrating Organization's: Tim Walls and Kathleen Herrmann

The Puget Sound Partnership (PSP) is hoping to create Local Integrating Organizations (LIO's) to implement the Action Agenda. The Whidbey Basin Core Team has not yet resolved whether they could fully represent their organizations AND the PSP in the implementation of the Action Agenda. The Core Team is reaching out to the MRC's for their input and participation in proposing an LIO to the PSP. Three main questions are before the MRC:

1. Should the MRC have a representative to the PSP and should the MRC participate in an LIO?
2. Should the Whidbey Basin Action Area should be kept as the existing geographic area or broken into two groups?
3. What should the structure of LIO's and recommendations to PSP look like?

The current hierarchy and function of the PSP and its councils, boards, and panels were discussed, and a handout was provided detailing its legislatively dictated structure.

Chrys Bertolotto volunteered to help the Whidbey Basin Core Team develop a proposed LIO. Lincoln Loehr nominated and Mary Cunningham seconded. Jerry Masters volunteered to provide input and serve as an alternate on meetings Chrys might not be able to attend. Mary Cunningham nominated and Tom Hoban seconded. The nominations were approved. Lead Staff will support this process and attend meetings as necessary.

MRC Members

Jerry Masters noted the resignation of Dena Peel from the MRC due to personal issues. Her position will need to be filled, as well as the two other open positions on the MRC. Potential options for open positions include a representative from the Port of Everett a WSU Snohomish County Beach Watcher member (preferably retired or able to spend time on projects) and a member to serve as the MRC representative to a potential Local Integrating Organization. The possibility of alternate MRC members for each position was also suggested.

Meetings

Upcoming meetings were announced.

MRC Administration Updates: Kathleen Herrmann

Meeting Minutes

Mike McHugh moved to approve the January 20, 2010 meeting minutes. Brent Hackney seconded the motion, which was unanimously approved.

NWSC Grant Contract Status

The ECAF for the NWSC Grant is currently at the Executive level. The 2009 Annual Report and invoice will be submitted with the signed grant contract.

Annual Report

The 2009 Annual Report was submitted by email to the MRC for comment. To date, comments and corrections had been received from Chrys Bertolotto. Comments from the meeting included:

- Page 3: Move Administrative Tasks after Action Grant Tasks
- Page 9: Edit Primary Recommendations
 - Funding wording:
 - “Maintain dedicated and stable funding for Marine Resources Advisory Committee activities”
 - “Continue current level of WMA fee structure and look to incorporate other funding ”
 - “Maintain stable WMA fee structure “
 - Restoration at Smith Island for salmon protection
 - 100% restoration at Kayak Point
- Pages 10-12: Update acknowledgements list

All further comments and questions will be submitted to Kathleen through email by Wednesday, February 24, 2010.

Port Susan Resolution

The Port Susan Resolution request was sent to County Prosecuting Attorney for review. A draft ECAF is ready to be submitted when the review is complete. After the ECAF is approved, it will take 6-8 weeks to go through Brian Perry and Public Works as resolution to the County Council for final approval.

MRC 2010 Workplan

The MRC 2010 Workplan draft will be distributed via email for comment.

Mussel Watch Update: Andrea Hennings

MRC staff facilitated volunteer citizen sampling efforts at eight sites in Snohomish County to collect mussels for NOAA’s National Mussel Watch Program. The 18 participants in the program included MRC staff, four MRC members functioning as site leads, and volunteers from WSU Beach Watchers, Tulalip Tribes, NOAA, and the ORCA Program at Everett Community College.

Two of the regular sample sites did not have enough live mussels to sample; including Kayak Point Regional Park and Edmonds Marina. All other samples were received by the labs in great condition and are being processed for analysis. The shift in the NOAA Mussel Watch program to a citizen science program has facilitated the prioritization of Washington State samples. NOAA has all available samples online for public access in their data portal.

Mike McHugh volunteered to collect mussels for the Kayak Point site, should they still be available.

MRC Budget Review: Kathleen Herrmann

Of the \$80,000 the Snohomish MRC requested from the County, the County Executive approved \$53,145 for 2010; the lower amount is due to County revenue shortfalls. An expenditures sheet was provided detailing the current MRC budget. Changes could be made within certain categorizations or broken down further to show more detail.

The MRC members requested a two year budget for review at the next meeting based on the April 2009 meeting minutes. As Jerry Masters and Jared Bond were part of the original budget drafting process, their help was solicited for explanation of the distribution of funds. Keeley O'Connell will also help with this effort.

The status of the Marjorie Mosher Schmidt Foundation funds was discussed. Staff will provide a summary of this funding at the next MRC meeting.

NWSC Update: Tom Hoban

The January NWSC Meeting was held in Edmonds. Snohomish County Executive Aaron Reardon attended and Public Works Director Steve Thomsen gave the opening remarks. Kathleen Herrmann gave a presentation on Mussel Watch, which garnered positive reviews from those in attendance.

A NWSC retreat will be held on Whidbey Island from February 25-26, 2010 of which Tom Hoban and Kathleen Herrmann plan to attend. Additional announcements were made on a White House report on ocean acidification, the Port Susan Marine Sanctuary Area workshop, bills currently in the Washington state and National congresses, Coastal MRC's, and NWSC funding.

Jerry Masters responded to the NWSC request on how MRC's could better utilize NWSC staff. Suggestions included integration of Caroline Gibson into Snohomish County MRC projects.

COMPASS Workshop: Kathleen Herrmann

The Northwest Straits Commission hired Liz Neeley of COMPASS to conduct a workshop tailored to the needs of the MRC's. NWSC is planning three workshops: one in San Juan County, one in Mt. Vernon for the Snohomish/Skagit/Whatcom MRC's, and one for the Jefferson/Clallam/Island MRC's. They will focus on communicating the work of the MRC, particularly to decision makers such as County Councils and Executives, and journalists, but will also be useful for helping to develop messages for any audience. Suggestions for Snohomish County messages include those related to the Port Susan MSA and Dungeness crab protection. Sasha Horst will need to do registration in advance, and participants will be asked to send a short biography ahead of time and make a first cut at a "message box" template, which she will provide.

The date suggested by the Snohomish MRC for their workshop is Thursday, May 13, 2010. Suggestions on topics will be submitted by email.

Kayak Point Update: Keeley O' Connell

The second Kayak Point Regional Park visioning workshop will be held on March 31, 2010 at 6:30 PM at the Lake Goodwin Community Club in Stanwood. Snohomish County Parks & Recreation is proposing new design plans for the park's day-use area and wants public input.

Outreach efforts for this workshop will be similar to first workshop, although no canvassing will take place. Other interest groups are being approached for input at the next meeting, including the tribes, YMCA, Boys and Girls Club, and boat launch users. This effort is being coordinated by Allison Sanders from Surface Water Management.

Coastal Geologic Services, Inc. (CGS) has been given final comments on their 100% restoration design. Another final draft will be available from CGS in a few weeks. This restoration plan will not be flexible at the workshop, but multiple recreational design options will be available for viewing and voting. The finished design containing the final restoration and recreational plans will go through the permitting process.

The workshop announcement text will be send to the MRC members for distribution.

Gravid Female Crab Habitat Project: Kathleen Herrmann

This topic was held for future discussion. Handouts of maps created by Surface Water Management GIS staff were distributed, which included the current data from the gravid female crab habitat study being conducted by WDFW and Tulalip Tribes.

Shoreline Master Plan Update: Jerry Masters and Mary Cunningham

This topic was held for future discussion.

Jerry Masters adjourned the meeting at 8:35 PM.

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<p style="text-align: center;">Summary of Decisions</p> <ul style="list-style-type: none">• The February 17, 2010 meeting summary was approved.• The Annual Report 2009 Recommendations to the Snohomish County Council and Executive were approved.• The recommended 2010 MRC budget for WMA fees was approved as recommended by staff.• A letter will be drafted by Mary Cunningham for MRC recommendations on proposed changes to the Shoreline Management Plan. MRC members will discuss and approve the letter pending any changes at the April 21, 2010 meeting.	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none">• Shoreline Master Plan meeting- March 23 (closed to public comment)• Beach Watchers Training- Tuesdays and Thursdays, March 23-May 9 from 9 AM-4 PM• Storming the Sound Conference- March 26, 9 AM-4 PM at the Seattle Art Museum• Kayak Point Visioning Workshop- March 31, 6:30 PM at the Lake Goodwin Community Center in Stanwood• Our Puget Sound, In Depth: <i>Puget Sound Starts Here?</i> by Dave Ward, April 14, 7 PM at the Rosehill Community Center in Mukilteo• COMPASS MRC Workshop- Wednesday, May 12, 2010 at Padilla Bay NERR	

**Snohomish County Marine Resources Advisory Committee
Meeting Summary, Wednesday, March 17, 2010, 6:30 – 8:30 PM**

6:30 Welcome, Introductions, Approval of MRC Meeting Summaries and Announcements

Jerry Masters opened the meeting at 6:40 PM.

Approval of MRC Meeting Summary from February 17, 2010- Jerry Masters

Announcements:

- Veterans Conservation Corps Internship: Candidates were interviewed on March 17. One candidate will be offered the position to start immediately.
- Tulalip Shoreline Landowner Workshop: Approximately 40 people attended the workshop on February 20, 2010. Brent Hackney was noted for a great talk on septic systems.
- NANOOS (Northwest Association of Networked Ocean Observing Systems): A new clearing house for nearshore and marine data sets: <http://www.nanoos.org/nvs/nvs.php?path=NVS>. NANOOS is interested in getting feedback from users regarding data format and availability.
- Acid Test: The Global Challenge of Ocean Acidification: The Natural Resources Defense Council has produced a 20 minute video on Ocean Acidification: <http://www.nrdc.org/oceans/acidification/aboutthefilm.asp>
- Port Susan Shellfish Harvest Re-opening April 2, 2010: Snohomish County Surface Water Management is coordinating an effort to expand public awareness and media coverage for all groups that worked to make the re-opening possible, including the Tulalip Tribes and Snohomish County Clean Water District (CWD) and Surface Water Management (SWM).
- Dave Ward has resigned from Snohomish County SWM and taken a position with the Puget Sound Partnership
- Mussel Watch sampling at Picnic Point: March 18 at 10:30 AM
- Marine Debris sampling: Weeks of March 15-19 and 22-26
- Mussel Watch Presentation at PNW-SETAC Annual Conference: Kathleen Herrmann and Kate Litle will be presenting at the conference on April 16 in Port Townsend, WA.
- Meetings:
 - Storming the Sound Conference- Friday, March 26 at the Seattle Art Museum: 1300 First Avenue, Seattle from 9:00 AM to 4:00 PM
 - Kayak Point Regional Park Workshop- Wednesday, March 31 at the Lake Goodwin Community Club, Stanwood: 17323 42nd Ave NW, Stanwood at 6:30 PM
 - Our Puget Sound, In Depth: *Puget Sound Starts Here?* By Dave Ward- Wednesday, April 14 at the Rose Hill Community Center: 304 Lincoln Ave, Mukilteo from 7:00-8:30PM
- Trainings:
 - Beach Watchers Training- Tuesdays and Thursdays, March 23-May 9 from 9 AM-4 PM
 - COMPASS Workshop- Wednesday, May 12, 2010
 - The workshop will focus on communicating the work of the MRC, particularly to decision makers (county council/executive) and journalists. Potential topics include the Port Susan MSA and Dungeness Crabber Education.
 - Andrea Hennings will organize a carpool for interested MRC members

6:50 Public Comment

Jon Houghton:

- Alan Mearns videotaped and photographed Gray whales feeding off Edmonds Marina on Tuesday, March 16.

- Hart Crowser, Inc. submitted a proposal to the NWSC for a forage fish study looking at the sub-tidal ecology and life history of Pacific sandlance. Results from the study will inform further research. WSU Beach Watchers are a potential partner for the study.

7:00 MRC Kudos- Kathleen Herrmann

The following individuals were recognized for their recent contributions to the MRC:

- Chrys Bertolotto for facilitating the Shoreline Landowner Workshops and Beach Watchers recruiting
- Brent Hackney for his septic system presentation at the Shoreline Landowner Workshop
- Keeley O’Connell for assistance with the budget
- Mary Cunningham for a thorough review of the Snohomish County Shoreline Master Plan Update
- Jerry Masters for overall guidance and vision with the Puget Sound Partnership Local Integrating Organization process

7:05 Shoreline Management Program Update & MRC Recommendations- Mary Cunningham

Mary Cunningham identified four main areas within the Shoreline Management Program (SMP) update which could affect marine areas and be of interest to the MRC:

1. Structural bank stabilization to protect designated farmland.
 - Should the MRC recommend structural shoreline stabilization not be allowed to protect designated farmlands along marine shorelines?

Within the SMP, dikes are likely considered armoring and would constitute bank stabilization. Therefore, replacement of dikes and rearmoring for sea level rise would be covered by this update. If the SMP is held to “no net loss”, bank stabilization would need to be landward of any associated wetland. It would also allow marginal farmland to be diked, even if it’s not currently farmed.
2. Public access would be reduced and only required for public and utility developments, nonwater-dependent commercial, industrial and recreational uses, and for residential uses of more than four units. Water-dependent uses would not be required to provide public access.
 - Should the MRC recommend public access also be required for water-dependent commercial, industrial and recreational development along marine shorelines?

There are only nine designated public access points in the County, including shoreline viewpoints and marinas. Examples of marine access in areas designated as water-dependent include Port of Everett trails around marinas and through the industrial area of Everett to Pigeon Creek No. 1.
3. The SMP allows nonwater-dependent commercial, industrial, and recreational uses in shoreline jurisdiction if “navigability is severely limited at the proposed site and the use provides public access or restoration of wetlands or fish and wildlife habitat”.
 - Should the MRC recommend both public access and restoration be provided along marine shorelines when nonwater-dependent uses are allowed?

The City of Everett has code within their SMP which requires both public access and restoration along marine shorelines for nonwater-oriented uses.

4. 3.2.4. Public Access Element (*Policies*):

“14. When restrictions on access are deemed necessary for the health, safety or welfare of the public or for the protection and maintenance of the particular site, the type and extent of public

access should be defined through precedent established by Shorelines Hearing Board decisions and the courts. Restrictions on access may delineate times of access or allow access only to residents of a certain community or development.”

- Should the MRC recommend the language “or allow access only to residents of a certain community or development” be deleted?

“17. Nonresidential water enjoyment and nonwater oriented uses and developments that front on the shoreline should provide continuous public access along the entire site’s shoreline.”

- Should the MRC recommend continuous public access be required for all nonresidential water enjoyment and nonwater-oriented commercial, industrial and residential uses on marine shorelines (In other words, should water-dependent and water-related uses not have to provide the continuous access, but other types of developments would)?

The City of Everett’s code requires continuous access for water enjoyment and nonwater-oriented uses. Current County regulations do not implement the policy as written, and include language which only requires a walkway directly to a waterfront use area or an area on the property which the water and water activities can be observed.

All suggestions for comment were agreeable to the MRC. Mary Cunningham will draft a letter on behalf of the MRC to submit to the Snohomish County Council. Comments on the letter are requested prior to the next MRC meeting on April 21, 2010 so the draft letter can be approved at this meeting.

The question of set back and buffer requirements was also raised. Mary will identify size requirements and distribute the information to the MRC.

Handouts outlining potential MRC comments to the Snohomish County SMP update and maps of Snohomish County shoreline were provided.

7:45 NWSC Meeting Update- Tom Hoban

Derelict Gear Removal Project

A June 2010 deadline has been set for the current removal project due to the NWSC 2009-2010 grant cycle ending.

The results of a study commissioned by the NWSC examining the biological and economic cost of derelict crab pots and their removal were released recently. The report noted that approximately 178,800 kg of legally harvestable crab within Washington State waters of the Salish Sea die in derelict crab pots each year.

NWSC Meeting- April 23

Each MRC will give a presentation on current projects at the next meeting.

Strategic Plan

A request was made for an update on the Snohomish County MRC Strategic Plan.

NWSC Regional Projects

Discussion at the NWSC meeting surrounded the potential ideas for a new regional NWSC project.

7:50 Edmonds Marsh Presentation- Keeley O’Connell

Edmonds Marsh is currently owned and managed by the City of Edmonds Parks and Recreation. It is fed by Willow and Shellabauger Creeks, with outfall pipes draining offshore which limit saltwater intrusion. The marsh is noted as habitat for Coho salmon and the site of a recently reoccupied great blue heron rookery.

A restoration project in Edmonds Marsh could include reestablishment of a barrier estuary through the construction of a railroad bridge and removal of sediment fill. Project partners and stakeholders include Sound Transit, the City of Edmonds, Friends of the Edmonds Marsh and others.

Friends of the Edmonds Marsh members include Jon Houghton, Alan Mearns, Bonnie Mearns, Laura Spehar, Barbara Tipton, Thayer Cueter, Suzi Shafer, and Keeley O’Connell.

8:25 MRC Administration Updates- Kathleen Herrmann

NWSC Grant Contract Status

The NWSC Grant contract ECAF is currently at the Executive level.

Port Susan Resolution

A request was sent to the County Prosecuting Attorney for review. A draft ECAF is ready to be submitted when the review is complete.

NWSC Annual Report

A draft of the 2009 Annual Report was emailed to MRC members for comments, which were due by Wednesday, February 24, 2010.

Recommendations to the County Council and Executive for inclusion in the 2009 Annual Report were approved through a motion by Lincoln Loehr and second by Mary Cunningham.

8:30 Budget Review- Kathleen Herrmann

A handout was provided detailing the working 2010 MRC budget from Snohomish County WMA fees, which listed the projected and approved amounts and staff recommendations for disbursement.

The Snohomish MRC requested \$80,000 for projects for 2010, of which \$53,145 was approved in October 2009. The reduction was decided at the Executive level due to Snohomish County revenue shortfalls.

Approximately \$27,000 was cut from various projects including the Port Susan MSA, a Water Quality Study, and the Shore Stewards/Workshops. \$5,000 will be provided to the Shore Stewards Workshops along with the \$16,500 provided by the NWSC grant.

MRC staff was authorized to move forward with the recommended budget for WMA fees for 2010 and make necessary future changes to the budget provided it doesn’t add up to more than 10% of the overall budget, as motioned by Lincoln Loehr and second by Keeley O’Connell. The “Notes” listed on the handout were for reference and not approved as part of the budget.

8:35 Gravid Female Crab Discussion

This topic will be held until further notice.

Jerry Masters adjourned the meeting at 8:35 PM.

Snohomish County Marine Resources Advisory Committee (MRC)

Meeting Summary

Wednesday, April 21, 2010, 6:30 – 8:30 PM

Snohomish County East Administration Building

3000 Rockefeller Ave, Everett WA 98201

1st Floor, Public Hearing Room 2

<p><i>MRC Members Present</i> Chrys Bertolotto Mary Cunningham Brent Hackney Thomas Hoban Lincoln Loehr Jerry Masters Keeley O’Connell</p> <p><i>MRC Members Absent</i> Dena Peel, Excused Mike McHugh, Excused Jared Bond, Excused Dawn Lawrence, Excused</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County SWM Andrea Hennings, Snohomish County SWM Caroline Gibson, NWSC Jon Houghton, Pentec Environmental Chris Mueller, Snohomish County Parks and Recreation Amy Witt, Washington Conservation Corps Danielle Larsen, Washington Conservation Corps Ben Lubbers, WSU Extension Beach Watchers</p>
<p style="text-align: center;">Summary of Decisions</p> <ul style="list-style-type: none">• The March 17, 2010 meeting summary was approved.• A letter to the Snohomish County Executive and Council regarding Shoreline Management Plan updates was approved with changes.	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none">• April 23, 2010- Northwest Straits Commission Meeting at Padilla Bay NERR, 9 AM-4 PM• April 24, 2010- Union Slough restoration project for Earth Day 2010 with People For Puget Sound in Everett, 10 AM-2 PM• April 29, 2010- Beach Naturalist Training in Mukilteo (Part One: Classroom), 9 AM-3 PM• April 29, 2010- “Circumference of Home” by Kurt Hoelting at Scuttlebutt Tavern, Everett, 6:30-8 PM• April 30, 2010- “Circumference of Home” by Kurt Hoelting at Town Hall, Seattle, 6:30-8 PM• May 12, 2010- COMPASS Workshop at Padilla Bay NERR, 9 AM-5 PM• May 15, 2010- Beach Naturalist Training in Mukilteo (Part Two: Field), 11:30 AM-1:30 PM• May 15-16, 2010- Washington Watershed Education Teacher Training in Edmonds, 9 AM-3 PM	

**Snohomish County Marine Resources Advisory Committee
Meeting Summary, Wednesday, April 21, 2010, 6:30 – 8:30 PM**

Welcome, Introductions, Approval of MRC Meeting Summaries and Announcements

Jerry Masters opened the meeting at 6:35 PM

Approval of MRC Meeting Summary- March 17, 2010- Jerry Masters

Announcements:

- VCC Intern: Introduction of Tom Carter
- Meetings:
 - NWSC Meeting and Benchmark Fund Work Session
 - Padilla Bay Conference Room, Friday, April 23, from 9:00 AM-4:00 PM
- Trainings:
 - COMPASS Workshop
 - Padilla Bay Conference Room, May 12, from 9:00 AM-5:00 PM
 - Contact Sasha Horst to register and receive pre-workshop forms
 - Washington Watershed Education Teacher Training Aboard the *Indigo*
 - SEA (Service, Education, Adventure) and the LEAF School (Learn-and-serve Environmental Anthropology Field School at Edmonds Community College) are hosting a series of free marine-based professional development workshops funded by the National Oceanic and Atmospheric Administration (NOAA)
 - To sign up, please download the registration packet at:
<http://www.serviceeducationadventure.org/noaa.php>
 - Beach Naturalist Training
 - Classroom: Rosehill Community Center, April 29, from 9:00 AM-3:00 PM
 - Field: Mukilteo Lighthouse Park, May 15, from 11:30 AM-1:30 PM
- Local Events:
 - "Circumference of Home" by Kurt Hoelting
 - People For Puget Sound presents Whidbey Islander Kurt Hoelting reading from his new book, *Circumference of Home: One Man's Yearlong Quest for a Radically Local Life*
 - Scuttlebutt Tavern, Everett, April 29, from 6:30 PM-8:00 PM
 - Town Hall, Seattle, April 30, from 7:00 PM-9:00 PM
 - Earth Day 2010
 - Union Slough Restoration, Everett, April 24, from 10:00 AM-2:00 PM
 - Contact Keeley O'Connell at koconnell@pugetsound.org, (206) 382-7007

6:35 Public Comment

No public comment

6:40 MRC Kudos

The following individuals were recognized for their recent contributions to the MRC:

- Chrys Bertolotto for organizing Beach Watchers Training and successful recruitment of 21 new Beach Watchers
- Andrea Hennings for administrative assistance and finalizing the recreational crabber survey for the April 13th Coastal Conservation Association meeting
- Mary Cunningham for extensive review and comment letter on the Shoreline Management Plan update letter
- Kathleen Herrmann for continued work on overall MRC management and administration

6:50 Recreational Crabber Update- Chrys Bertolotto

Chrys Bertolotto presented the current drafts of the outreach poster and the educational map, both of which will be distributed and displayed during the 2010 crabbing season at area marinas, boat launches, and piers. Handouts of the poster were provided for comments. The map was projected for comments during the meeting.

- Main action statement: “Keep your crab pot, eat more crab”
- Comments on the map from meeting attendees:
 - Use the words “sinking line” rather than “weighted rope”
 - Is there a way to overlay areas where crab pot loss is greatest?
 - Dates of sailing regattas can be found online

Andrea Hennings conducted a survey of recreational crabbers at the April 13th Coastal Conservation Association (CCA) meeting. 24 surveys were received out of 75 attendees. While this survey is not statistically significant, results show that 70% of those surveyed who had lost crab pots believe they were stolen or vandalized. This information will help the MRC move forward with crafting messages to reduce the number of lost crab pots.

Brent Hackney and Chrys Bertolotto will give a presentation at the next CCA meeting on May 11th on the MRC work to educate crabbers and will also present the results of the survey. Jeff June will be giving a presentation on the NWSC Derelict Gear Removal Project at the Northwest Straits Commission meeting on May 21st at the Maritime Museum in Port Townsend and June 8th at the CCA meeting at Bayside Marine in Everett.

Action Item: The Crabber Subcommittee will send Joan Drinkwin and Caroline Gibson copies of the draft materials for comment before they are printed.

7:10 Benchmark Fund Discussion

The Northwest Straits Commission has approximately \$130,000 available for projects within the Benchmark Account. These funds are available to MRC’s through a competitive project proposal process. One to three priority projects with measurable impacts within one year will be given funding. The money must be granted by June 10, 2010 and spent by December 30, 2011.

Projects with budgets greater than \$50,000, are regional in scope, and have the ability to leverage additional resources are encouraged. Further guidelines and rules for projects were distributed to the MRC through email and handouts.

Preliminary proposals will be made at the NWSC meeting on April 23, with the submission deadline on April 30, 2010. Once projects have been identified for funding, the money will be available for use beginning June 30, 2010. Individuals who suggested a project are noted in parentheses.

Project ideas:

- Mussel Watch: From Data to Action (Kathleen Herrmann)
 - Conduct a pilot project for two or more Mussel Watch sites in the Northwest Straits using volunteers to identify sources of data spikes. These would include researching current and historic inputs.
 - Recommendations to affect change would be developed, with the potential to include monitoring or cleanup efforts with stakeholders and government agencies.
- Port Susan MSA (Kathleen Herrmann)
 - Work with Island County MRC and Washington Sea Grant Citizen Science Program to build on current funding for the Science Workshop to identify critical threats to Port Susan by using volunteers as citizen scientists.
 - Kit Rawson from the Tulalip Tribes is interested in a citizen science program to gather initial data for the project.
 - An existing monitoring plan using WSU Beach Watchers as citizen scientists was previously denied funding from another source.
- Recreational Crabber Education (Chrys Bertolotto)
 - Use the regional expansion of the Escape Cord program as a model for extension of the current Snohomish County MRC Derelict Crab Pot Education Program.
 - Up to five other counties may be interested.
- Snohomish River Estuary Monitoring (Chrys Bertolotto)
 - Use citizen scientists for a monitoring project within the Snohomish River.
 - Work with the Snohomish County Citizen Monitoring group.
- Marine Invasive Species Monitoring (MISM) program (Chrys Bertolotto)
 - Partner with Nahkeeta NW and citizen scientists to conduct monitoring for invasive species, including *Spartina* sp., European green crab, and *Sargassum* sp.
- Puget Soundkeeper Alliance (Chrys Bertolotto)
 - Conduct boater education regarding best management practices.
 - Puget Soundkeeper Alliance has an established plan, but not enough man power or funding to put the project in place.
- Edmonds Marsh Restoration (Keeley O'Connell)
 - A plan has already been established and multiple partners have committed to the project, including the City of Edmonds and Sound Transit.
 - Funding would go toward a feasibility study, as it needs to be completed for the project to go through permitting.
- Kayak Point Regional Park Restoration (Keeley O'Connell)
 - Funds could match money from People For Puget Sound to take the project through permitting.

Kathleen will present 6-7 ideas at the NWSC meeting on April 23. A subcommittee of Chrys Bertolotto, Lincoln Loehr, Mary Cunningham, and Jon Houghton will identify the projects for presentation, and individuals who raised project ideas will provide short paragraphs describing their topic.

7:20 Kayak Point Presentation- Chris Mueller

A feasibility study on Kayak Point Park was completed to determine potential restoration options at the Park. Early design, pre-construction outreach, beach profile and sediment-type monitoring were conducted with funding from the 2007-2009 MRC grant. Goals of the project include a 100% conceptual park design, continuation and completion of pre-restoration beach profile monitoring, and public engagement through a collaborative visioning process. Funding for the project from the current MRC grant must be spent by June 31, 2010.

Current project partners include the Snohomish County MRC, Snohomish County Surface Water Management and Parks and Recreation, and People For Puget Sound.

Three conceptual designs were developed after researching technical considerations specific to the area, visiting similar project sites throughout Puget Sound, and obtaining input from a range of individuals during two public visioning workshops and outreach to the Stillaguamish tribe, Tulalip tribes, and other key stakeholders.

The conceptual designs include removal of the bulkhead and road from the south point, maintain open lawn areas, built elements through the center of the park, parking away from the water front, exceedance of current and future stormwater filtration requirements, beachfront enhancement for habitat and recreational use, educational updates and additions, a separate boat launch for kayaks, and new pedestrian paths.

Individual concepts varied in the amount and location of parking in the day use area, use of a shuttle service, stormwater bioswales, location and size of built structures and play areas, and inclusion of a pocket estuary. Almost all elements within each concept are interchangeable.

Parks and Recreation staff are currently working to resolve a number of issues including, concerns with parking issues, including how many people are in the park each day and how many pay for access. Also Parks staff are working to determine whether or not to include the pocket estuary in the preferred design alternative. The Snohomish MRC is in support of the restoration of a pocket estuary while working to meet the needs of public access, education and outreach, and stewardship of the marine environment.

Action Item: Submit individual comments or concerns regarding the three alternative concepts to Sharon Swan through (sharon.swan@co.snohomish.wa.us) by April 23, 2010. These comments and the input from the visioning workshops will be considered when designing the final preferred alternative.

7:55 Shoreline Management Plan Comments- Mary Cunningham

Discussion of the MRC letter regarding the Shoreline Management Plan update resulted in the following comments and changes:

- Pg. 5- “5% credit on property taxes to property owners who participate in stewardship programs on their properties”
 - The amount listed for the tax credit was a general suggestion and could be made larger
- Pg. 3-4- How do the contents of these pages affect the repair of dikes?
 - Paragraph after bullets should be changed to reflect the following:

- “A general regulation should be added stating no new structural shoreline stabilization along marine shorelines should not result in a net loss and ecological functions...”
- Pg. 5- Shore Steward guidelines have changed
 - Chrys will send updated guidelines to Mary and Kathleen for inclusion in the letter
- Formatting- Capitalize first letters of People For Puget Sound and omit any “PPS” acronyms

The letter was approved with the listed changes.

Action Item: Kathleen will make the changes to the letter and Jerry will email to Snohomish County Council and Executive.

8:10 MRC Administration Updates- Kathleen Herrmann

NWSC Grant Contract Status:

The grant contract was signed by the County Executive.

NWSC Annual Report

The Snohomish County MRC Annual Report is complete. MRC members did not want individual copies print for their use.

MRC Budget Status

The MRC budget reflects invoices as of March 15, 2010 and will be updated on a monthly basis.

Kathleen will begin working on the budget to reflect her work hours as administration under each project. The MRC members expressed significant concern regarding the request of the NWSC to develop a budget amendment to change Kathleen’s project allocation of time. The work required to conduct this amendment is significant and is likely to mitigate any benefits from changing administration time to project time for this grant cycle.

Action Item: Jerry Masters will work with NWSC to resolve this issue.

8:20 NWSC Updates- Tom Hoban

NWSC Meeting Highlights

Highlight reports are now available immediately after the meeting and Tom will send them out on a monthly basis.

Washington State Senate and House Bills

Bills regarding reduction of copper in brake pads, crab pot removal, and marine spatial planning were discussed.

Coastal MRC’s

Jenna Norman from WDFW was present and discussed progress of the Coastal MRC’s.

Mussel Watch

Some counties noted they have few or no sites containing mussels, which would be a challenge to regional expansion of the project.

Jerry Masters adjourned the meeting at 8:30 PM.

Snohomish County Marine Resources Advisory Committee (MRC)

Meeting Summary

Wednesday, May 19, 2010, 6:30 – 8:30 PM

Snohomish County East Administration Building

3000 Rockefeller Ave, Everett WA 98201

1st Floor, Public Hearing Room 2

<p><i>MRC Members Present</i> Chrys Bertolotto Jared Bond Mary Cunningham Brent Hackney Thomas Hoban Dawn Lawrence Lincoln Loehr Jerry Masters Keeley O’Connell</p> <p><i>MRC Members Absent</i> Dena Peel, Excused Mike McHugh, Excused</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County SWM Andrea Hennings, Snohomish County SWM Jon Houghton, Pentec Environmental Loren Brokaw, Adopt-A-Stream C.K. Eidem, Adopt-A-Stream Jacqueline Platt, WCC Crewmember Greg Dunster, WCC Individual Placement Bob Stuart, AMEC Earth and Environmental Tim Walls, Snohomish County SWM Sharon Swan, Snohomish County Parks and Recreation</p>
<p style="text-align: center;">Summary of Decisions</p> <ul style="list-style-type: none">• The April 21, 2010 meeting summary was approved.• Snohomish and Island County MRC’s will submit a joint NWSC Benchmark fund proposal to develop a Conservation Action Plan (CAP) for Port Susan with the goal of creating a Marine Stewardship Area.• The Snohomish MRC voted to use \$12,000 of Marjorie Mosher Schmidt Nearshore Project Funding and a matching \$12,000 grant from People For Puget Sound to conduct a feasibility study that will assess the potential for a pocket estuary at Kayak Point Regional Park. .	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none">• NWSC Meeting- May 21, from 9:45 AM-3 PM at the Bishop Victorian Hotel and Northwest Maritime Center in Port Townsend• Beach Condition & Biota Monitoring: Kayak Point and Mukilteo Lighthouse Parks- Training and multiple sampling dates below• Crab Pot Loss Prevention Educator Orientation- Training and multiple outreach dates below• Port of Everett Working Waterfront Tours- Multiple dates listed below	

Snohomish County Marine Resources Advisory Committee

Meeting Summary, Wednesday, May 19, 2010, 6:30 – 8:30 PM

Welcome, Introductions, Approval of MRC Meeting Summaries and Announcements

Jerry Masters opened the meeting at 6:30 PM

Announcements

- Meetings:
 - NWSC Meeting
 - Bishop Victorian Hotel and Northwest Maritime Center in Port Townsend, Friday, May 21, from 9:45 AM-3:00 PM
 - Focus on Regional Derelict Crab Pot Project, with speakers Rich Childers (WDFW) and Jeff June (NRC, Inc.)
 - **Action: Andrea will create a draft summary of the preliminary CCA member recreational crabber survey data for the NWSC meeting**
- Trainings:
 - Beach Condition & Biota Monitoring: Kayak Point and Mukilteo Lighthouse Parks
 - Training: North County Fire Hall, Stanwood, June 16, from 9:30 AM – 3:30 PM
 - Monitoring dates:
 - Mukilteo Lighthouse Park:
 - Tuesday, July 13 from 10:00 AM-3:30 PM
 - Monday, August 9 from 9:00 AM-2:00PM
 - Kayak Point County Park:
 - Thursday, June 24 from 9:00 AM-2:00 PM
 - Friday, June 25 from 9:00 AM-2:00 PM
 - Monday, July 12 from 9:30 AM-2:30 PM
 - Wednesday, July 14 from 11:00 AM-4:00 PM
 - Tuesday, August 10 from 9:30 AM-2:30 PM
 - Back-up date: Wednesday, August 11 from 10:30 AM-3:30 PM
 - Crab Pot Loss Prevention Educator Orientation
 - Training: Jennings Park Barn, Marysville, June 3, from 10:00 AM- 1:00 PM
 - Outreach dates: July 1, 2 and 3 from approximately 7:00 AM- 11:00 AM
- Local Events:
 - Everett Working Waterfront Tours
 - Ferry leaves the 10th Street Marina and Park
 - Wednesday, June 23, from 6:30- 8:00 PM- Extended tour
 - Wednesday, June 30, from 6:30- 8:00 PM- Extended tour
 - Sunday, July 18, from 10:00- 11:00 AM
 - Sunday, August 15, from 10:00- 11:00 AM
 - Wednesday, September 8 from 6:30- 8:00 PM- Extended tour
 - Seat reservations: Jetty Island Kiosk at 425.257.8304- Administrator Lisa Lefeber at 425.388.0617 or lisam@portofeverett.com
 - Beach Expos
 - Hat Island, June 12
 - Edmonds Marsh/Olympic Beach, June 26
 - Mukilteo Lighthouse Beach, July 10
 - Kayak Point Regional Park, July 24

- Announcements:
 - NOAA Fisheries Service protected three rockfish species in the Georgia Basin under the Endangered Species Act
 - Department of Natural Resources (DNR) received funding to continue creosote structure and piling removal. The initial focus will be on previously identified projects with the potential to expand if funding is received for 2011-2013. DNR would like anyone with information regarding creosote structures to forward the locations as soon as possible.
 - **Action: Brent Hackney will discuss the removal project with the Hat Island Community Association to potentially obtain permission for removal on the island**
 - **Action: Chrys Bertolotto will forward the Beach Watchers creosote log survey data for Snohomish County to DNR**
 - **Action: Mary Cunningham will identify potential targets within the City of Everett**
 - A Snohomish County SWM staff person is now scheduled for ¼ of their time to work on MRC projects. Further staffing may be considered for 2011.
 - MRC member and staff nametags will be ordered.

Approval of MRC Meeting Summary- April 21, 2010- Jerry Masters

Public Comment

No public comment

MRC Kudos

The following individuals were recognized for their recent contributions to the MRC:

- Chrys Bertolotto & Brent Hackney gave a well- attended presentation at the May 11, 2010 Coastal Conservation Association meeting on our Crabber Education Project.
- MRC Members who attended the COMPASS workshop
- Tom Hoban for presenting at the WSU Extension Beach Watcher graduation
- Jerry Masters for strategizing on MRC projects and administration tasks
- Keeley O’Connell for taking a leadership role with the Kayak Point Project

Port Susan MSA Benchmark Discussion- Kathleen Herrmann

A proposal was made to the MRC to submit a joint request for NWSC Benchmark Funds with the Island County MRC to conduct critical threat assessment for the Port Susan Marine Stewardship Area (MSA). The money would fund data collection and measuring of the potential threats to designated targets by citizen scientists. Additional coordination would be provided by the Washington Sea Grant Citizen Science Program and WSU BeachWatchers.

Port Susan has been identified by The Nature Conservancy as an area of high biodiversity and important for conservation. It is also an area of diverse stakeholders within multiple jurisdictions, including local tribes, landowners, farmers, and recreational user groups. Due to the inherent complex nature of the area, it has been identified as a good candidate for a comprehensive ecosystem-based management approach.

A work group has been formed to create the Port Susan Marine Stewardship Area (MSA), including the Snohomish and Island County MRC’s, Tulalip and Stillaguamish Tribes, the Northwest Straits Commission, and The Nature Conservancy. The work group is following The Nature Conservancy’s Conservation Action Planning (CAP) process as a guide to establish the MSA. A handout was provided detailing the CAP steps.

The project has been refined through work group meetings, interviews with key stakeholders in 2008, and a science workshop involving 46 scientists in January 2010. The next step of the CAP process is to develop strategies and measures, including assessment of target viability and identification of critical threats. Target viability is scheduled for completion in June 2010. Benchmark money would provide funds for identification of critical threats by citizen scientists by fall 2010. Strategies and measures would be fully completed by 2011.

Benchmark fund project ideas are due to Connie Price by June 10, 2010. Snohomish County MRC staff and members would work with Island County MRC and staff to write and submit the proposal for approximately \$130,000.

- **Action Item: The Snohomish and Island County MRC's will submit a joint NWSC Benchmark Fund proposal to support data collection by citizen scientist for identification of critical threats to Port Susan MSA designated targets.**

Meadowdale Park Project Presentation- Jared Bond

Meadowdale Park is located in a suburban residential area of unincorporated Snohomish County near the Cities of Lynnwood and Edmonds. The park has heavy day use year round and camping is allowed with a permit during summer months. Access points include a main parking area in the northeast corner and an ADA parking area in the southwest corner near the beach. Beach access is through a tunnel under the railroad which is shared with Lund's Gulch Creek.

Lund's Gulch Creek runs westward through the park and is noted as spawning grounds for chum, Coho, and steelhead. Although the creek does not support a run of Chinook, it is listed as potential habitat.

The gulch is geologically unstable. Frequent two-year storm events flood the beach tunnel and blockages can occur after sediment and debris are moved from the hillside. The trail leading from the main parking lot has been closed for months after washouts, causing sediment to back up behind the railroad. Closed pools of water subsequently form in these areas, trapping salmon behind the blockage. Due to permitting requirements, resulting sediments must be collected and removed from the park.

According to the Snohomish County Drainage Needs Report No. 11 (December 2002), a wider box culvert designed for fish passage and construction of an off-channel pond adjacent to Lund's Gulch Creek should be considered for the Park, which would cost approximately \$433,000. Although not within their jurisdiction, the 2010 City of Mukilteo Shoreline Master Program update suggested creation of a pocket estuary or trestle bridge for the railroad to specifically increase fish habitat. Neither of these options addressed pedestrian access to the beach.

Jared asked the MRC to consider commissioning a feasibility study for public access independent of the stream system. The MRC was supportive of any improvements to the park for public access and fish habitat enhancement and passage, but determined any project within the park would be better conducted within the scope of a larger railroad and sediment transport study in the future.

Kayak Point Pocket Estuary Discussion

Snohomish County Parks and Recreation has requested feedback on the three alternative design options for the park. Parks has received some negative feedback from members of the public regarding the inclusion of the pocket estuary within the final preferred alternative. Groups who have submitted

feedback supporting the pocket estuary include the Snohomish County MRC, the Northwest Straits Commission, members from other MRC's, WSU Extension Beach Watchers, and members of the public.

Few pocket estuaries remain in Puget Sound due to filling and armoring of shorelines. Restoration of the estuary at Kayak Point would serve as an important resource to many marine species and park users. The park's restoration consultant, Coastal Geologic Services, has completed work on other projects restoring or developing pocket estuaries and lagoons. These include Shoal Bay on Lopez Island, Oak Bay in Jefferson Bay, and Seahurst Park North in Burien.

Additional information is needed by the County and Parks staff to determine the viability of a pocket estuary's structure and function over time. The MRC discussed conducting a feasibility study to gain this information, which is estimated to cost approximately \$20,000. The estuary will be included as a placeholder on the alternative plans should further studies indicate it would remain viable. Funds for this feasibility study are currently available through the Marjorie Mosher Schmidt funds. NWSC has requested these funds be spent in the near future. Matching funds would be available through a People For Puget Sound grant, which expires on April 30, 2011. A request was made to consider all possible consultants to conduct the feasibility study for this project.

Other suggestions for using funds at the park included paying for NEPA and SEPA reviews for permitting work on the southern backshore and beach and an archaeological review. These options would require additional research before they are discussed further.

- **Action- The MRC voted unanimously to allot \$12,000 of Nearshore Project designated Marjorie Mosher Schmidt funds to match a \$12,000 People For Puget Sound grant to fund a feasibility study for a pocket estuary at Kayak Point Regional Park.**

MRC Workplan and Priorities- This topic was held until the next MRC meeting on June 16.

MRC Administration Updates- Kathleen Herrmann

NWSC Grant

Jerry Masters is working with the NWSC on administrative budget issues with the grant.

NWSC Annual Report

Jared Bond is drafting a letter to the Snohomish County Council and Executive for delivery with the Annual Report.

MRC Budget

The MRC Budget with invoices from July 1, 2009-May 17, 2010 was distributed.

MRC Member Recruitment

The MRC has a minimum of two open positions. Staff is beginning the recruitment process and would like to find individuals with ten to fifteen hours per month to devote to the Committee. MRC members are urged to keep staff apprised of qualified individuals.

Summer Picnic

- **Action: Tom Hoban volunteered to organize a joint July meeting and picnic with either Island or Skagit MRC's.**

NWSC Updates- Tom Hoban

NWSC Meeting Highlights

An email is now sent immediately following NWSC meetings which summarize announcements.

Jerry Masters adjourned the meeting at 8:30 PM.

Snohomish County Marine Resources Advisory Committee (MRC)

Meeting Summary

Wednesday, June 16, 2010, 6:30 – 8:30 PM

Snohomish County East Administration Building

3000 Rockefeller Ave, Everett WA 98201

1st Floor, Public Hearing Room 2

<p><i>MRC Members Present</i> Jared Bond Mary Cunningham Brent Hackney Thomas Hoban Lincoln Loehr Jerry Masters Mike McHugh</p> <p><i>MRC Members Absent</i> Chrys Bertolotto, Excused Dawn Lawrence, Excused Keeley O’Connell, Excused Dena Peel, Excused</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County SWM Andrea Hennings, Snohomish County SWM Greg Dunster, WCC Individual Placement Dan Tonnes, NMFSC/NOAA</p>
<p style="text-align: center;">Summary of Decisions</p> <ul style="list-style-type: none">• The May 19, 2010 meeting summary was approved.	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none">• NWSC Meeting: June 25, 2010 at the Squalicum Yacht Club in Bellingham• Everett Working Waterfront Tours<ul style="list-style-type: none">• Wednesday, June 23 at 6:30 – 8 p.m. – extended tour• Wednesday, June 30 at 6:30 – 8 p.m. – extended tour• Sunday, July 18 at 10 – 11 a.m.• Sunday, Aug. 15 at 10 – 11 a.m.• Wednesday, Sept. 8 at 6:30 – 8 p.m. – extended tour• Historic Schooner <i>Adventuress</i> at the Port of Everett: June 17-24, 2010	

**Snohomish County Marine Resources Advisory Committee
Meeting Summary, Wednesday, June 16, 2010, 6:30 – 8:30 PM
Welcome, Introductions, Approval of MRC Meeting Summaries and Announcements**

Jerry Masters opened the meeting at 6:30 PM

Approval of MRC Meeting Summary- Jerry Masters

Announcements:

- A 150 ft net washed up at Kayak Point Regional Park carrying two crab pots and about fifty buoys on June 16, 2010. The net also contained live and dead fish and crabs.
- Meetings:
 - NWSC Meeting: June 25, 2010 at the Squaticum Yacht Club in Bellingham from 10:00 AM – 2:00 PM
- Local Events:
 - Everett Working Waterfront Tours
 - June 23, June 30, July 18, August 15, September 8
 - Seat reservations: Jetty Island Kiosk at 425.257.8304- Administrator Lisa Lefebber at 425.388.0617 or lisam@portofeverett.com
 - Historic Schooner *Adventuress* visits the Port of Everett
 - From June 17th - 24th, the schooner *Adventuress* will visit the Port of Everett Marina to provide free educational tours and an educational sail aboard the historic wooden ship.
 - Snohomish Estuary Tour: June 25, 2010 from 2:00 PM- 5:00 PM
 - Puget Sound's inclusion in the EPA's National Estuary Program is being reviewed to ensure program eligibility. A three-day site visit with senior staff from the EPA and a visiting director from another national program will conclude their trip with a boat tour on the Snohomish Estuary. Jerry Masters and Kathleen Herrmann will attend as representatives of the Snohomish County MRC.
 - Brent Hackney attended the June 12, 2010 North Snohomish County Coastal Conservation Association meeting, where Jeff June gave a presentation on derelict fishing gear removal. Some highlights noted from the presentation included:
 - Over 3,000 nets have been removed over the course of the Northwest Straits Initiative's Derelict Gear Removal program.
 - The bodies of animals caught in derelict nets will only remain about 14 days after death due to predation by other animals.
 - Over 160 seabirds were killed by a single net removed from Warm Beach.
 - Jared Bond and Sharon Swan from Snohomish County Parks and Recreation met with representatives from Burlington Northern-Santa Fe (BNSF) railroad and discussed Parks' beach access plan for Meadowdale Park. BNSF stated they didn't have an official stance and options are currently being discussed.
 - A meeting between Jared Bond, Kathleen Herrmann, Sharon Swan and Doug Dailer from Parks will be held regarding a public meeting to gauge public interest for the project and identify the scope of work.
 - The Executive Subcommittee and Kathleen Herrmann presented the 2009 MRC Annual Report and Recommendations at the Snohomish County Council's Public Works Subcommittee meeting on June 15, 2010.
 - Councilman Cooper praised Kayak Point Regional Park Restoration Design Option Three and the engagement of citizens in the visioning process as innovative.

- Councilman Somers expressed interest in the Derelict Gear Removal Program and asked if the MRC could investigate Snohomish County's oil spill preparedness and make recommendations to council.
- The MRC committed to making quarterly updates to the Council on projects and items in which the Council took interest.
 - Items on which they should be updated at the next meeting should include the June 16, 2010 net removal at Kayak Point and the paper "Mortality of Dungeness crabs (*Cancer magister*) due to lost traps and the cost benefit of removal in Washington State waters of the Salish Sea" by Kyle Antonelis, et al.
- Kathleen Herrmann presented the Kayak Point Regional Park restoration project at a Surface Water Management Staff meeting on June 16, 2010. Reactions from the presentation were positive and the project elicited interest from SWM staff.
- A meeting was held between Public Works Director Steve Thomsen, Kathleen Herrmann, Jerry Masters, Ginny Broadhurst, Sasha Horst, and Debbie Terwilleger regarding the direction of the Northwest Straits Initiative in 2011. Mr. Thomsen committed to personally assisting to route the Port Susan MSA Grant Proposal through the ECAF process.
- The 2011 MRC Budget should be discussed in October 2010. Funding from WMA fees should be dedicated within each project to maintain County support throughout the MRC work plan. This will also benefit administration and billing should Surface Water Management staff assist with project work.

Public Comment

No public comment

MRC Kudos

The following individuals were recognized for their recent contributions to the MRC:

- Jerry Masters for presenting the 2009 MRC Annual Report to the Snohomish County Council.
- Mary Cunningham for work on the Port Susan MSA.
- Chrys Bertolotto & Tom Hoban for work on the Hat Island Beach Expo.

MRC Survey Results- Tom Carter

- 8 out of the 10 current MRC members participated in the survey. It was intended to gauge MRC member time commitments and project workloads. While the majority of MRC members feel they are contributing the appropriate amount of volunteer time, the survey indicated members feel the MRC could be doing more projects overall.
- Comments made by MRC members regarding the survey and strategic plan included:
 - Some questions were difficult to answer due compensated project time.
 - Survey shows MRC members are committing about 15 hours a month to projects and administration, so asking for 15 hours per month for new recruits is reasonable.
 - Falling short of strategic plan goals isn't a reason to distill its content.
 - No additional full time employees could be contracted to work for the MRC, as all funds are routed through the County.

MRC Project Updates- Kathleen Herrmann and Andrea Hennings

1. Port Susan MSA (PSMSA) Grant Proposal

- The Port Susan MSA NWSC Benchmark Fund Proposal was submitted for \$153,366. Main points of the proposal include:
 - Port Susan has been identified as a priority conservation area of high biodiversity importance within the greater Pacific Northwest by The Nature Conservancy (Floberg et al. 2004). A

variety of authoritative bodies in the Port Susan area results in a mix of regulations and management strategies which are not comprehensive or cohesive. The establishment of an ecosystem-based management regime will create consistency of management; provide a framework to measure progress; and institute adjustable management strategies.

- Designating a Port Susan Marine Stewardship Area (PSMSA) and adopting a community based marine stewardship plan will define a community vision for enhanced stewardship of Port Susan and lead to a greater understanding of the marine environment and ensuring Port Susan continues to provide diverse benefits for all people.
- The Conservation Action Plan used in the planning process will provide the framework to develop the PSMSA strategies for whole ecosystem recovery and allow all authorities and planning groups in the project area to adopt elements into their workplans for a more coordinated recovery effort.
- Beach Watchers and citizen scientists would collect data to identify critical threats.
- County staff is looking at how to distribute funds to the grant partners should this proposal be approved. .
- The PSMSA resolution needs approval from the County Council. MRC Staff have been working to build internal support for this resolution prior to bringing it formally forward.
- **ACTION: Kathleen will email the proposal to the MRC.**

2. Recreational Dungeness Crabber Education

- The crabber subcommittee is close to finishing the outreach materials, including the nautical map and poster. Taylor Brown, a high school senior working with the subcommittee for a class project, developed a You-Tube video which is currently available online (www.youtube.com/watch?v=DutjF2TMBC0).
- A group of volunteers including Beach Watchers and others attended a training workshop on June 3, 2010 to coordinate an education and outreach strategy to coincide the opening day of the Dungeness Crabbing Season. Don Velasquez presented Dungeness crab biology and Washington State management, Brent Hackney demonstrated proper crab pot assembly, Chrys Bertolotto talked about outreach messages and strategies, and Andrea Hennings talked about the crab pot removal project, crabber survey, and reasons crab pots are lost.
- Outreach will take place on July 1-3, 2010. Anyone who would like to participate should contact Chrys directly. Materials will be handed out on those dates and given to sporting good stores and marinas for distribution to interested individuals.

3. Kayak Point Regional Park Restoration

- The MRC voted to use \$12,000 of Marjorie Mosher Schmidt funds to match a \$12,000 grant from People For Puget Sound to conduct a feasibility study for a pocket estuary in Kayak Point.
- Keeley O'Connell is drafting a Request For Proposals (RFP) for the feasibility study with the following draft timeline:
 - August 9, 2010: RFQ submissions due
 - Mid-September 2010: Snohomish County Engineers to conduct review of RFP's
 - October 2010: Award bid
 - October 2010- January 2011: Project work
 - February 2011: Project report due to Snohomish County MRC and SWM
- The feasibility study will answer the following questions:
 - How large would the estuary need to be for functionality?
 - What size side slopes and cross sections would maximize habitat value?
 - What would the size and orientation of the inlet need to be for the estuary to stay open?
 - What is the freshwater input available from the site?

- What is the habitat value to salmonids?
- What species could be expected to inhabit the estuary with restoration?
- Ideas for education and outreach regarding the pocket estuary included:
 - Use Beach Watchers to perform outreach regarding conceptual designs and value of pocket estuary during the summer
 - Stake out pocket estuary for public viewing during the summer
 - Survey for comments using Survey Monkey
- Two conceptual designs will be submitted to the NWSC with the second quarter Progress Report rather than a single alternative design. The main difference between the designs would be the inclusion of the pocket estuary in one of the concepts.
- The MRC letter to Parks regarding the three concepts supported elements rather than a single design. This should potentially leave the door open for MRC support of any alternatives created in the future.
- The final project should be presented to the Snohomish County Council Public Works subcommittee.

4. Nearshore Sediment Study

- Total project funding is \$167,000.
- Project goals:
 - Identify sites that have the high potential for beach rehabilitation.
 - Identify appropriate sediment sources and delivery modes for nourishment for beach rehabilitation.
 - Secure DOE, BNSF, & Parks support needed to advance sediment strategy to promote beach rehabilitation.
 - Evaluate approaches to restoration of shoreline functions along railroad-impacted shorelines.
 - While Dave Lucas, SWM Engineer, is currently the project manager and SRFB grant administrator, it does not have an MRC member lead.
 - **ACTION: Lincoln Loehr volunteered to work on the project.**

5. Mussel Watch

- MRC Staff is working with the Snohomish County Purchasing Department to extend and amend the current contract with TDI Brooks for analysis of mussel samples. The contract did not previously account for histopathology and gonadal indexing. This update will include this analysis to be consistent with NOAA protocols and reflect new sites added last sampling season.
- Regional project partners from the MRC, WDFW, and WA Sea Grant are writing a report about the Washington State expansion of the Mussel Watch project. This report will likely be completed at the end of July.
- The MRC has not received data from the previous two season's samplings (August 2009 and January-March 2010). The national program has been sending samples from before and after oil reached beaches in the Gulf of Mexico from the Deepwater Horizon Oil Spill. How this will affect the timeline for MRC samples is unclear.
- The next Mussel Watch sampling will take place in January or February 2011. While an extra sampling during summer 2010 was discussed previously, this is no longer possible due to the NWSC grant funding only the winter 2011 sampling and TDI Brooks increasing their costs.
- US Navy was conducting their MW sampling concurrently with WDFW and used the same site for one area in south Puget Sound. Samples from the Navy are analyzed at Pacific Northwest National Laboratories and data is received within a few months. These samples should be compared to the TDI Brooks samples from the same area to see if there is a significant difference in the data.

- **ACTION: Lincoln Loehr will look into rates for analysis at PNNL.**
- Using PNNL may cause problems with official NOAA sites, as data needs to be integrated into the national report.
- Lincoln Loehr and Mary Cunningham held a conference call with people in Skagit County who would like to begin MW sampling in their area to assess seafood safety and water quality.

6. Shore Stewards & Beach Watchers

- The Hat Island Beach Expo was held on June 12, 2010. Chrys Bertolotto gave a talk about crab pots, Katrina Hoffman from WA Sea Grant gave a talk about Puget Sound beach and bluff processes, and Ray Brown gave a talk about septic systems. 10 Shore Steward packets were handed out to interested residents.

7. Dungeness Crab Habitat Study

- \$5,000 WMA fees have been dedicated to this project.
- Currently a set of draft GIS maps have been developed by the initial data Snohomish County received from Washington DFW. The maps are now out of date due to acquisition of new data. This information needs to be compiled and new maps should be created.
- The MRC agreed to use some MRC staff time to organize data, finalize GIS Maps, and ensure project is neatly tied up for a report to be written in the future.

Rockfish ESA Listing Presentation- Dan Tonnes

Three of the 28 rockfish species within the Georgia Basin were listed under the Endangered Species Act in April 2010. Canary and yelloweye were designated as “Threatened” and bocaccio were designated as “Endangered.”

Most rockfish become reproductively mature after 15-20 years and some species can live over 150 years. Canary and bocaccio have similar life histories, using the nearshore as juveniles, moving long distances throughout their lives, and spending most of their time suspended in the water column. Yelloweye don’t use nearshore as juveniles and adults often have small home ranges, sticking close to bottom.

Preferred habitat types vary. Rockfish can be found steep but non-rocky habitat and are subsequently found in various habitat across Snohomish County waters, including Mukilteo, Everett Harbor, Port Susan, Edmonds, and Hat Island.

Common risk factors for their decline include length of time until reproductive maturity and naturally low reproductive rates, bycatch by other fisheries, and nearshore degradation. Other factors include contaminant build up in long lived species, a lack of natural connectivity between reproducing populations, climate change, and ocean chemistry.

New WDFW regulations have subsequently gone into place to protect all rockfish species. These include no retention of any rockfish species within Puget Sound and no fishing deeper than 120 feet when targeting bottomfish and other marine species (not including halibut or salmon).

NMFS has also partnered with the University of Washington to obtain a graduate student to develop a recreational angler survey project in 2011. This survey will cover their ability to identify rockfish species, how fishermen view recovery options, and their perceptions of Marine Protected Areas.

Local recovery efforts have had variable success at protecting rockfish. No hook areas in Canada have been able to reduce fishing pressure on rockfish in sensitive habitats. San Juan volunteer no take areas

have had less success, and have effectively turned into advertised fishing areas. This result was detailed in a paper by Eric Eisenhardt, et al, which Dan will forward to the MRC.

NOAA will begin working on Critical Habitat Designation and creating a recovery plan. In the meantime, MRC's can help the process through:

- Nearshore restoration and preservation, especially of eelgrass beds.
- Angler and public education about species identification, especially red rockfishes.
- Citizen scientist research and supporting local recovery efforts.

ACTION: Jerry Masters will set up a field trip to the NMFSC at Mukilteo.

MRC Administration Updates- Kathleen Herrmann

- Summer Picnic with Island MRC- September 16th at Mukilteo Lighthouse Park
- MRC Member Recruitment
 - Kathleen will begin recruiting new MRC members. The application has been updated requesting individuals commit to 15-20 hours per month to reflect current MRC member volunteer hours.
 - MRC members should begin recruiting people for applications. Jerry suggested the MRC develop a list of potential members.
 - MRC members must either be a resident or have a business in Snohomish County.
- The MRC budget will begin being updated quarterly.
- An invoice for \$82,212.98 was submitted to Department of Ecology for reimbursement of the NWSC grant work for July 1 to December 31, 2009.

NWSC Update- Tom Hoban

- Many of the applications for Benchmark Funding were of high quality. The application process is currently ongoing, but projects which made the initial cut will be identified soon.

Jerry Masters adjourned the meeting at 8:40 PM.

Snohomish County Marine Resources Advisory Committee (MRC)

Meeting Summary

Wednesday, July 21, 2010, 6:30 – 8:30 PM

Snohomish County East Administration Building

3000 Rockefeller Ave, Everett WA 98201

1st Floor, Public Hearing Room 2

<p><i>MRC Members Present</i> Jared Bond Mary Cunningham Brent Hackney Thomas Hoban Dawn Lawrence Lincoln Loehr Jerry Masters Keeley O’Connell</p> <p><i>MRC Members Absent</i> Chrys Bertolotto, Excused Mike McHugh</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County SWM Andrea Hennings, Snohomish County SWM Tom Carter, Snohomish County SWM Jamey Selleck, NWSC Caroline Gibson, NWSC Sean Edwards, Snohomish County SWM Colleen Sanford, Citizen</p>
<p style="text-align: center;">Summary of Decisions</p> <ul style="list-style-type: none">• The June 20, 2010 meeting summary was approved.• The invoice for the Recreational Dungeness Crabber Education Project was approved and will be submitted to the Snohomish County Billing department.• The Crabber Nautical Chart will be revised with the comments discussed at this meeting for next year’s printing. Brent Hackney will take the lead on this task.	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none">• Kayak Point County Park Beach Expo: July 24, 2010 from 10 AM- 2PM• Greennote Concert: July 24, 2010 at Seattle Center Mural Amphitheatre• NWSC Meeting: July 30, 2010 from 10 AM- 3 PM at the Tulalip Natural Resources Building- 6406 Marine Drive, Tulalip, WA 98271• People For Puget Sound’s Sound Steward Invasive Species Removal Parties:<ul style="list-style-type: none">• July 31, 2010- Edmonds Marsh• August 7, 2010- Jetty Island• August 28, 2010- Union Slough• Coastal Conservation Association North Snohomish County Chapter Meeting: August 10, 2010 from 7- 8:30 PM at Bayside Marine- 111 Craftsman Way, Everett, WA• <i>Beneath the Salish Sea</i> Film Night: August 24, 2010 at 6:30 PM at the Everett Performing Arts Center- 2710 Wetmore Avenue, Everett, WA 98201• Snohomish, Island, and Skagit County MRC Joint Picnic- September 16, 2010 at Mukilteo Lighthouse Park, Mukilteo, WA	

**Snohomish County Marine Resources Advisory Committee
Meeting Summary, Wednesday, July 20, 2010, 6:30 – 8:30 PM
Welcome, Introductions, Approval of MRC Meeting Summaries and Announcements**

Jerry Masters opened the meeting at 6:30 PM

Approval of MRC Meeting Summary- Jerry Masters

Announcements

Events:

- Kayak Point County Park Beach Expo: July 24, 2010 from 10 AM- 2PM at Kayak Point County Park
- Greennote Concert featuring Amos Lee: July 24, 2010 at the Seattle Center Mural Amphitheatre
- People For Puget Sound's Sound Steward Invasive Species Removal Parties:
 - July 31, 2010- Edmonds Marsh
 - August 7, 2010- Jetty Island
 - August 28, 2010- Union Slough
- *Beneath the Salish Sea* Film Night: August 24, 2010 with doors at 6:30 PM and event at 7 PM at the Everett Performing Arts Center- 2710 Wetmore Avenue, Everett, WA

Meetings:

- Point Wells Condominium Development Comment Meetings:
 - July 27, 2010 from 6:30- 8 PM at the Edmonds Conference Center- 201 Fourth Ave N, Edmonds, WA
 - September 23 from 6:30- 8 PM at the Shoreline Conference Center- 18560 First Ave NE, Shoreline, WA
- Northwest Straits Commission Meeting: July 30, 2010 from 10 AM- 2 PM at the Tulalip Natural Resources Building- 6406 Marine Drive, Tulalip, WA
- Coastal Conservation Association North Snohomish County Chapter Meeting: August 10, 2010 from 7- 8:30 PM at Bayside Marine, 111 Craftsman Way, Everett, WA

Kathy Fletcher Retiring from People For Puget Sound

Kathy Fletcher is retiring from her position as Executive Director of People For Puget Sound sometime in April or May 2011. Her replacement will begin in February 2011. A series of events will be held around Puget Sound to celebrate her work and achievements, including one event at the Port of Everett. Keeley O'Connell will keep the MRC apprised of further details.

Point Wells Condominium Development Comment Meetings

Public comment meetings regarding potential condominium developments at Point Wells will be held on July 27 from 6:30- 8 PM at the Edmonds Conference Center (201 Fourth Ave N, Edmonds, WA) and September 23 from 6:30- 8 PM at the Shoreline Conference Center (18560 First Ave NE, Shoreline, WA).

The site is located on a historic tidal lagoon. Sean Edwards will forward more information regarding the site to the MRC. This information and MRC recommendations regarding the Snohomish County Shoreline Management Plan update could inform any MRC comments regarding site development.

- **Action:** MRC staff will send an email to the MRC with the dates, times, and locations of the public meetings, and information from Sean Edwards about the site.

Meadowdale Park Open House

Snohomish County Parks and Recreation held an open house on June 20, 2010 to gauge public interest in restoration options at Meadowdale Park for improved beach access and fish passage to Lund's Gulch. Parks is looking to fund a feasibility study and obtain price estimates for the installation of a trestle for the railroad. These plans were well received by the public.

An aluminum grate is currently being installed within the beach access tunnel to reduce sediment build up and enhance human and fish passage through the culvert.

Mukilteo Lighthouse Park Dedication

An open house will be held at Mukilteo Park on July 24, 2010 with a ribbon cutting at 10 AM. The park has undergone improvements, including enhancement of facilities, addition of educational signage, and installation of tribal art.

Public Comment

No public comment

MRC Kudos

The following individuals were recognized for their recent contributions to the MRC:

- Everyone who contributed to the successful Port Susan MSA NWSC Benchmark Fund Proposal.
- Sean Edwards gave kudos to the MRC for their persistence and accomplishments on long term and large scale projects, including the Recreational Dungeness Crabber Education Program and Kayak Point Regional Park Restoration.

New Business

Jared Bond discussed the need for a clear and detailed Scope of Work (SOW) for each MRC project to ensure deliverables are met. This is particularly important for contracts, including those with the NWSC, WSU Extension, and Puget Sound Partnership, and should specifically outline deliverables to the MRC.

Existing projects may require an updated SOW for clarity of responsibilities and deliverables. Projects for the next round of NWSC funding will require updated or new detailed SOW's.

Jared Bond and Keeley O'Connell volunteered to work on establishing the SOW's. Responsibility for deliverables and timelines would then be transferred to project champions as appropriate.

No Sand Lance Left Behind: A Historical Review of Puget Sound Data- Jamey Selleck

The NWSC held a Pacific sand lance workshop in September 2009 to assess life history characteristics of this forage fish species. The workshop highlighted the lack of information regarding sand lance abundance and life history and outlined steps for future research. The new NWSC Forage Fish program is now working to:

1. Analyze historical datasets and determine sand lance distributions from previous sampling efforts, and assess the limitations and benefits of a regional beach seining project;
2. Produce GIS maps which detail presence/absence of sand lance as seen from the previous sampling efforts in nine counties;
3. Conduct sub-tidal research to gather new biological information on sand lance; and
4. Use results of the above studies to inform further research in 2010-2011.

Jamey Selleck was hired by the NWSC to compile historical data on sand lance and develop a report of his findings. The final report covers a period from March 1970 through October 2009 and includes 15,166 records from at least 1,432 sites. Two maps for each of the 12 counties in the Puget Sound region were developed with staff from Padilla Bay National Estuary Research Reserve: one shows sand lance presence/absence and the other map shows abundance.

Jamey Selleck and Caroline Gibson have a paper on this subject under peer review for publication.

Crabber Education Subcommittee Update- Brent Hackney and Andrea Hennings

The Recreational Dungeness Crabber Education nautical chart was not approved by the MRC prior to the first printing and distribution. All comments to the final draft were subsequently submitted by email and compiled for voting by the MRC. Changes as agreed upon by the MRC are listed below:

- MRC Logo- No metallic background
- Log boom route- All pink
- Change wording- “12,000 crab pots are lost each year in Puget Sound. Lost pots trap and kill 129,000 of your harvestable crabs.”
- Action statements- recreate transparent bubbles around action statements as seen in previous drafts
- Chart title- Keep black, no transparency or metallic background
- Fonts- Use different font type for map elements and action statements
- Design- Clean up alignment of action statements, other text, logos, and map components
- Add more beaches and landmarks (i.e. McKees Beach, Warm Beach etc.)
- Laminate next printing with a heavier plastic

Ideas discussed for future drafts included adding the Marine Area 8-1 shoreline from Mukilteo to Edmonds and organizing a focus group of recreational crabbers to refine action statement language.

A final draft reflecting the changes listed above will be developed by the Crabber Subcommittee. MRC staff offered the assistance of the Snohomish County Graphics department if needed. The revised chart will be emailed to the MRC for review prior to the August meeting.

- **Action:** The MRC approved the invoice for charges related to the Recreational Dungeness Crabber Education Project and MRC staff will submit the invoice to Snohomish County Billing.
- **Action:** The Dungeness Crabber Subcommittee will make the changes as discussed and provide an updated version to the MRC for the August Meeting.

Kayak Point Restoration Update- Keeley O’Connell & Kathleen Herrmann

This topic was held due to time.

Port Susan MSA Grant- Mary Cunningham & Kathleen Herrmann

This topic was held due to time.

***Beneath the Salish Sea* Film Night- Mary Cunningham**

The film night has been scheduled for August 24, 2010 at the Everett Performing Arts Center. The doors will open at 6:30 PM and the event will begin at 7 PM.

A publicity campaign has begun in the form of emails to distribution lists, poster displays, website announcements, newspaper articles, and word of mouth. Extra posters were given to MRC members for distribution in their local neighborhoods. Sasha Horst will print picture quality posters for display at the Everett Performing Arts Center.

Staff from the Northwest Straits Foundation will be at the door accepting donations and will need volunteers to help with the collection. Dr. Florian Graner, the MRC, and City of Everett will have displays in the lobby. Jerry Masters will deliver opening remarks before the movie.

MRC Administration Updates- Kathleen Herrmann

Snohomish, Island, and Skagit County MRC Potluck

The Snohomish, Island, and Skagit County MRC Joint Potluck will be held on September 16, 2010 at Mukilteo Lighthouse Park. The Park does not have sinks or electrical outlets, so a potluck will be most successful.

- **Action:** A volunteer is needed to confirm the date, time, and agenda with the other MRCs.

Snohomish County Oil Spill Preparedness Response- Kathleen Herrmann

County Council Chairman Cooper asked the MRC to investigate the risk of oil spills in Snohomish County and Puget Sound. He offered to support this effort and asked for any policy recommendations to be proactive in planning for this type of event. He also noted a previously established task force which was working on recommendations approximately five years ago.

MRC staff is assessing an opportunity to partner with the UW Environmental Management Certificate Program develop a report and list of recommendations regarding oil spill preparedness in Snohomish County. This 20-week program pairs an interdisciplinary team of students with an academic advisor to solve real-world environmental questions for community organizations seeking specialized technical or managerial assistance. Acting as consultants, the teams experience the practical demands of the professional world while allowing students to apply their coursework in a controlled setting.

The program normally costs community organizations \$7,000, but the UW is willing to work with the MRC to consider a discounted application fee. Mike McGuiness from Snohomish County SWM is currently looking for funding on behalf of the MRC.

- **Action:** The MRC will sponsor students from the UW Environmental Management Certificate Program to develop a list of recommendations to the County Council for oil spill preparedness if the application fee (\$4000-\$7000) can be obtained to fund the project.

NWSC Update- Tom Hoban

This topic was held until the next meeting.

Jerry Masters adjourned the meeting at 8:40 PM.

Snohomish County Marine Resources Advisory Committee (MRC)

Meeting Summary

Wednesday, August 18, 2010, 6:30 – 8:30 PM

Snohomish County East Administration Building

3000 Rockefeller Ave, Everett WA 98201

1st Floor, Public Hearing Room 2

MRC Members Present

Chrys Bertolotto
Jared Bond
Mary Cunningham
Brent Hackney
Thomas Hoban
Lincoln Loehr
Jerry Masters

MRC Members Absent

Dawn Lawrence, Excused
Mike McHugh
Keeley O'Connell, Excused

Staff, Presenters, and Others

Kathleen Herrmann, Snohomish County SWM
Andrea Hennings, Snohomish County SWM
Tom Carter, Snohomish County SWM
John Miller, US Navy
Wally Davis, Citizen
Jessica Kelley, Landau Associates

Summary of Decisions

- The July 21, 2010 meeting summary was approved.
- The Recreation Dungeness Crabber Nautical Chart was approved with changes.

Upcoming Events

- *Beneath the Salish Sea* Film Night- August 24, 2010 at 6:30 PM at the Everett Performing Arts Center- 2710 Wetmore Avenue, Everett, WA 98201
- Northwest Straits Commission Meeting- August 27, 2010 from 10 AM-3 PM at the Services Alternative Building, 206 N Main St, Coupeville, WA
- Snohomish, Island, and Skagit County MRC Joint Picnic- September 16, 2010 at Mukilteo Lighthouse Park, Mukilteo, WA
- Coastal Conservation Association North Snohomish County Chapter Meeting- September 14, 2010 from 7- 8:30 PM at Bayside Marine, 111 Craftsman Way, Everett, WA
- Public Issues and Conflict Management Workshop- September 21-22 or 23-24, 2010 from 9 AM-5 PM at Padilla Bay
- International Coastal Cleanup Day- September 25, 2010
- Northwest Straits Commission Annual Conference- November 5-6, 2010 at Rosario Resort

**Snohomish County Marine Resources Advisory Committee
Meeting Summary, Wednesday, August 18, 2010, 6:30 – 8:30 PM**

Welcome, Introductions, Approval of MRC Meeting Summaries and Announcements

Jerry Masters opened the meeting at 6:35 PM.

Introductions

Approval of MRC Meeting Summary- Jerry Masters

- Motion: Mary Cunningham, Second: Jared Bond

Announcements

Events:

- *Beneath the Salish Sea* Film Night- August 24, 2010 with doors at 6:30 PM and event at 7 PM at the Everett Performing Arts Center- 2710 Wetmore Avenue, Everett, WA
- Public Issues and Conflict Management Workshop- September 21-22 or 23-24, 2010 from 9 AM-5 PM at Padilla Bay National Estuarine Research Refuge
- International Coastal Cleanup Day- September 25, 2010
- Ocean Acidification Workshop- October 7, 2010 at the Northwest Maritime Center in Port Townsend, WA
- Northwest Straits Commission Annual Conference- November 5-6, 2010 at Rosario Resort, Eastsound, WA

Meetings:

- Northwest Straits Commission Meeting- August 27, 2010 from 10 AM- 3 PM at the Services Alternative Building, 206 N Main St, Coupeville, WA
- Snohomish, Island, and Skagit County MRC Joint Picnic- September 16, 2010 at Mukilteo Lighthouse Park, Mukilteo, WA
- Coastal Conservation Association (CCA) North Snohomish County Chapter Meeting- September 14, 2010 from 7- 8:30 PM at Bayside Marine, 111 Craftsman Way, Everett, WA
- Point Wells Condominium Development Comment Meeting- September 23, 2010 from 6:30- 8 PM at the Edmonds Conference Center, 201 Fourth Ave N, Edmonds, WA

Beneath the Salish Sea Movie

Blogs and newspaper articles about the August 24, 2010 movie have been seen. A \$5 suggested donation to NWSC will be collected at the door. Ginny Broadhurst and Jerry Masters will make opening remarks. Snohomish County MRC member recruitment and a thank you to the City of Everett for donating production venue costs and employee time will be noted.

Action: In addition to MRC staff and Executive Subcommittee, Mary Cunningham, Tom Hoban, and Lincoln will conduct outreach at the event.

Action: Tom Hoban will organize a KANU TV viewing on the Tulalip Tribes reservation, if possible.

Port Townsend Marine Science Center Marine Debris Project

Select beaches previously sampled by this project will undergo more extensive sampling efforts. Howarth Park in south Everett was chosen for further analysis as part of this expansion. Sampling will take place the week of October 18, 2010 and a sorting party will held at Edmonds Community College on October 22, 2010.

Septic System Workshops

Snohomish County Surface Water Management (SWM) and WSU Extension staff will each advertise and conduct septic system workshops as part of an outreach experiment to see if attendance and acceptance of material is affected by the group presenting the workshop.

Public Comment

No public comment.

MRC Kudos

The following individuals were recognized for their recent contributions to the MRC:

- Mary Cunningham for coordinating the *Beneath the Salish Sea* presentation
- Chrys Bertolotto, Andrea Hennings, Tom Carter, and Dawn Lawrence for conducting outreach at the Kayak Point Beach Expo
- Andrea Hennings for creating a SWM program game and conducting outreach at the Stillaguamish Festival of the River
- Kathleen Herrmann for continued work and results on MRC and SWM administrative priorities

Plastics at SEA Presentation- John Miller

John Miller of Naval Station Everett spent June 10-July 14, 2010 in the North Atlantic on the SSV Corwith Cramer as part of the Woods Hole Oceanographic Institute's Sea Education Association (SEA) program. The goal of the expedition was to document the abundance and distribution of plastic in areas which had previously been unexplored by the program. SEA conducts most plastic tracking in the Atlantic's Gulf Stream gyre as part of the first federally-funded research expedition dedicated to examining the accumulation of plastic debris.

The 2010 North Atlantic research collected samples in an area which had not previously been studied. Calculations based upon the resulting data suggest approximately 13 pounds of plastic per square mile of open ocean. Only two fish were caught during the expedition, one of which contained plastic debris.

Possible solutions for the reduction of plastics in the environment include additional recycling, use of other packaging materials, establishment of manufacturing and distribution best

management practices, and anti-litter campaigns. Similar projects could be conducted in Puget Sound. Locally available nets are the current limiting factor.

MRC Strategic Plan Update- Tom Carter and Kathleen Herrmann

Tom Carter worked with MRC staff and Executive Subcommittee members to revise the MRC Strategic Plan Goals, Objectives, and Strategies. Revisions were drawn from material contained in background drafts, Snohomish County code, and the NWSC strategic plan. MRC staff edited further for clarity and continuity with other MRC documents.

These sections were defined as:

- Goals- Broad courses of action that include one or more objectives
- Objectives- Specific statements detailing the desired accomplishments or outcomes of a particular set of activities within a project
- Strategies- Steps taken by project staff and/or partners designed to reach the project's objectives

Goals and Objectives pertaining to climate change, ocean acidification, and specific actions regarding reopening of shellfish beds were not included in the original draft Strategic Plan due to the complexity of these issues and the 5 year time frame. Shellfish bed reopening could currently fit under "Goal 2: Protect and restore marine water quality in Snohomish County" as a strategy.

Action: MRC members will submit comments on overall Goals and Objectives by September 6, 2010. Final draft Strategies will be submitted before the next MRC meeting. Voting on Goals, Objectives, and Strategies will take place at that meeting. The last draft of the Strategic Plan from 2008 will be sent to the MRC for reference.

MRC Project Updates- Kathleen Herrmann

Kayak Point Restoration

Project partners have drafted a Scope of Work (SOW) for a pocket estuary feasibility study which will be sent to the MRC Executive Subcommittee for comment through email.

This project was previously under consideration for Puget Sound Nearshore Ecosystem Restoration Project (PSNERP) 10% design funding through the Army Corps of Engineers. This may no longer be a possibility.

The Everett Herald ran an article on August 18, 2010 about progress on design plans for the park.

The third year of pre-restoration monitoring was finished by WSU Beach Watchers. Hugh Shipman from Washington Department of Ecology will examine the collected data and provide additional comments and suggestions for future monitoring plans. Some statistical analysis of the data may be completed, possibly by a University of Washington School of Marine Affairs (SMA) student.

Nearshore Project

The Snohomish County Habitat Specialist position vacated by Arden Thomas will not be rehired. Kathleen Herrmann and Dave Lucas, Snohomish County Engineer, will work with Anchor QEA through an on call contract to conduct modeling and technical work for this project. The Snohomish County Communications Department has a facilitator who will work with Kathleen to conduct stakeholder outreach.

This project will assess the railroad as a barrier to sediment transport, feasibility of artificial sediment transport mechanisms in the study area, and conduct a series of stakeholder workshop to identify possible solutions. Burlington-Northern Santa Fe (BNSF) railroad, Hugh Shipman (Washington Department of Ecology), Katrina Hoffmann (Washington Sea Grant), and Jon Houghton (Pentec Environmental) have been named as possible stakeholders to participate in the workshop.

Action: Lincoln Loehr will review the draft project SOW with Peter Hummel from Anchor QEA. Mary Cunningham may also review the SOW.

Port Susan MSA

Sarah Haynes of the Island County MRC and Kathleen Herrmann presented the Port Susan Marine Stewardship Area (MSA) project at the July 30, 2010 NWSC meeting. The project was well received by meeting attendees.

Regular Core and Advisory Team meeting dates were established and the Citizen Science Team will conduct additional meetings. The Nature Conservancy's Conservation Action Planning (CAP) next step will produce a list of stakeholders for the October Critical Threats workshop.

NWSC will establish three separate contracts with Snohomish County, Tulalip Tribes, and Washington Sea Grant and distribute benchmark funds directly to those groups. Staff time from Sea Grant will have no associated overhead.

Washington Sea Grant is accepting applications for a University of Washington student to serve as project coordinator. Kathleen Herrmann, Abby Hook (Tulalip Tribes), and Kate Litle and Michelle Wainstein (WA Sea Grant) will select a student by September 1, 2010.

Recreational Crabber Education

Jared Bond noted the absence of black dots on the base of the nautical chart's Port Susan side buoy icons. He proposed to amend the icons for consistency.

- **Mary Cunningham motioned to approve the amendment. Brent Hackney seconded the motion, which was unanimously approved.**
- **Mary Cunningham motioned to approve the nautical chart as amended. Lincoln Loehr seconded the motion, which was unanimously approved.**

Over 900 crabbers received nautical charts from July 1-3, 2010 through face-to-face outreach at boat launches and marinas across Snohomish County. Approximately 1,400 charts have been

handed out to date. This includes distribution by the MRC and WSU Beach Watchers at events like Beach Expos, Warm Beach Summerfest, Stillaguamish Festival of the River, and the Evergreen State Fair. An opportunity for further targeted distribution includes dock walking at marinas. Approximately 500 charts are left, as the printer created more than the anticipated 1,500 copies.

Gravid Female Dungeness Crab Habitat Study

The MRC requires any additional sampling data for this project from Tulalip Tribes and WDFW by Wednesday, August 25, 2010. The project summary paper by Andrea Hennings and GIS habitat maps by Snohomish County staff will be finished after any additional data is received.

Action: Jerry Masters will contact project partners at the Tulalip Tribes to ensure any remaining data is received by August 25, 2010.

Shore Stewards

An additional Shore Steward Shoreline Landowner Workshop will be held in the Picnic Point Regional Park area of Snohomish County in January 2011.

Warm Beach Summerfest on August 14-15, 2010 resulted in the Snohomish County Shore Steward program's 400th enrollee.

WSU Beach Watchers

A Beach Watcher has begun working on development of a bulkhead alternative brochure for local permit centers. The document will include review and input from multiple partners.

Snohomish County Shoreline Master Plan Update- Mary Cunningham and Kathleen Herrmann

The MRC's comments to the Snohomish County Shoreline Master Plan (SMP) update were not considered due to submittal after the deadline. Washington Department of Ecology (DOE) has subsequently submitted comments to the plan, of which one is in conflict with MRC recommendations.

The existing MRC letter to County Council and the Executive was modified to reflect this comment. It states the MRC supports DOE's recommended action in Amendment Tracking Sheet item 10 and include the addition of no new flood control structures "in critical saltwater habitats." References to sea level rise should be omitted, as DOE has not approved any plans in which such provisions were included.

The letter was also amended to highlight currently limited public access to the shoreline and the further restrictions the SMP update may have upon future access.

Action: An email with MRC's original SMP Update comment letter and a version reflecting new changes will be sent to MRC members. Voting will take place through email, after which the letter will be sent to the County Council.

The MRC thanked Mary Cunningham for her work on compiling comments on the SMP Update.

Action: Mary Cunningham and Jared Bond have read Mukilteo's SMP update can develop draft comments for the MRC before the September 23, 2010 deadline.

Jared Bond also noted the City of Lynnwood's Environmental Plan will be up for SEPA review. Public access was noted as an issue within a sewage treatment area.

Snohomish, Island, and Skagit County Joint Picnic

Tom Hoban continues to lead coordination of the picnic. A sandwich board and signs will need to be in place at Mukilteo Lighthouse Park prior to 4:30 PM to ensure the space is clear. Patricia Love from the City of Mukilteo will conduct a tour of the new park amenities, and depending on time and availability, WSU Beach Watcher Bernie Busch may show the new signage.

Action: Andrea Hennings and Lincoln Loehr volunteered to help with picnic coordination.

Budget

Snohomish County invoiced the NWSC grant for \$96,281.17 for projects completed between January 1- June 30, 2010. While some line items were billed just over or under their designated amounts, the overall budget was 6% below the total allotted for the grant period.

MRC Member Recruitment

Kathleen Herrmann is currently accepting applications for four open MRC positions. Staff will select qualified applicants as they become available. Appointees will then require approval from County Council.

NWSC Update- Tom Hoban

Puget Sound Partnership

Bill Ruckelshaus stepped down as the Puget Sound Partnership Leadership Council Chair on July 30, 2010. Martha Kongsgaard has taken over as Chair.

People For Puget Sound

Kathy Fletcher will retired from People For Puget Sound in 2011.

Lincoln Loehr motioned to adjourn the meeting and was seconded by Jared Bond. All were in favor and Jerry Masters adjourned the meeting at 8:50 PM.

Snohomish County Marine Resources Advisory Committee Meeting (MRC)

Meeting Summary

Wednesday, October 20, 2010 6:30-8:30 PM

3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201

Admin East Building, 1st Floor, Public Hearing Room 2

<p>MRC Members Present Chrys Bertolotto Jared Bond Keeley O’Connell Mary Cunningham Thomas Hoban Dawn Lawrence Jerry Masters</p> <p>MRC Members Absent Brent Hackney, excused Lincoln Loehr, excused Mike McHugh</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County SWM Emily Whitney, Snohomish County SWM Tom Carter, Snohomish County SWM Robert Pavia, UW Sara Booth, UW Tikvah Weiner, UW John Murphy, Citizen & Genwest Systems</p>
<p style="text-align: center;">Summary of Decisions</p> <ul style="list-style-type: none">• MRC Members agreed to use an express quorum for today’s meeting to facilitate finishing all the agenda items.• Comments are due on the Goals, Objectives and Strategies section of the strategic plan on October 28, 2010.	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none">• COASST Training - Saturday, October 23 2010 from 10 AM – 4 PM at Padilla Bay Interpretive Center, 3 – 4 PM open to current COASSTers for refreshing training• Northwest Straits Commission Annual Conference- November 5-6, 2010 at Rosario Resort, WA, <i>The Salish Sea: Past, Present, and Future</i>• Coastal Conservation Association North Snohomish County Chapter Meeting- November 9, 2010 from 7- 8:30 PM at Bayside Marine, 111 Craftsman Way, Everett• Starlight Beach Walk– December 3, 2010 7:30 – 9:00 PM at Mukilteo Lighthouse Park• Northwest Straits Commission Meeting - December 10, 2010 from 10 AM - 3 PM at the Padilla Bay Reserve, Mount Vernon• WSU Beach Watcher Training - March 23 – May 6, 2011 Tuesdays and Fridays, 9 AM – 4 PM, based out of Marysville (Jennings Park Barn)	

**Snohomish County Marine Resources Advisory Committee
Meeting Summary, Wednesday, October 20, 2010, 6:30 – 8:30 PM**

Welcome, Introductions, Approval of MRC Meeting Summaries and Announcements

Jerry Masters opened the meeting with a quorum at 6:50 PM.

Introductions

Approval of MRC Meeting Summary- Jerry Masters

- Motion: Mary Cunningham, Second: Keeley O'Connell

Announcements

Events:

- Derelict Fishing Gear Removal presentation – October 21, 2010 at 7:00 PM at 2411 Hewitt Avenue, Everett
- COASST Training - October 23 2010 from 10 AM – 4 PM at Padilla Bay Interpretive Center, 3 – 4 PM, open to Current COASST volunteers for Refreshing Training
- Northwest Straits Commission Annual Conference- November 5-6, 2010 at Rosario Resort, WA, *The Salish Sea: Past, Present, and Future*
- Starlight Beach Walk– December 3, 2010 7:30 – 9:00 PM at Mukilteo Lighthouse Park
- WSU Beach Watcher Training - March 23 – May 6, 2011, Tuesdays and Fridays, 9 AM – 4 PM, based out of Marysville (Jennings Park Barn)

Meetings:

- Coastal Conservation Association (CCA) North Snohomish County Chapter Meeting- November 9, 2010 from 7- 8:30 PM at Bayside Marine, 111 Craftsman Way, Everett
- Snohomish MRC Meeting – November 17, 2010 from 6:30-8:30 PM
- Northwest Straits Commission Meeting - December 10, 2010 from 10AM-3PM at the Padilla Bay Reserve, Mount Vernon

Announcements:

- Chrys Bertolotto gave the MRC an update on recreational crabbing regulations. Initial ramp surveys shows that approximately 11% of crabbers are taking undersized or female crabs.
- People For Puget Sound (PFPS) are conducting a nationwide job search to find a successor for Kathy Fletcher.
- People For Puget Sound and the City of Edmonds are working on a phase 1 feasibility study for the Edmonds Marsh Restoration project.
- People For Puget Sound's Harbor Lights Auction and Gala will be held on Saturday October 23, 2010 at the Westin in Seattle.
- People For Puget Sound is planning a planting event at Union Slough with Mountlake Terrace High School for the week of October 25th, 2010.

Public Comment

No public comment

MRC Kudos

The following individuals were recognized for their recent contributions to the MRC:

- Jared Bond for setting up a meeting with councilmember Stephanie Wright
- Jerry Masters for help writing the Edmonds Marsh Support letter
- Kathleen Herrmann for finalizing the Request for Proposals for Kayak Point
- Tom Carter for all his work on the strategic plan

UW Oil Spill Response Project

Tom Carter and Sara Booth, graduate students from the University of Washington's Environmental Management Certificate Program presented their vision of the Snohomish MRC Oil Spill Prevention/Preparedness Project. Six project objectives were identified and separated into two phases along with project constraints.

Project Objectives:

1. Investigate single-source oil spill prevention and preparedness laws, regulations, and programs at federal, state, and county levels (*Phase 1*)
2. Examine environmental impacts of single-source marine oil spills and related treatment methods (*Phase 1*)
3. Assess spill threats to Snohomish County interests and resources (*Phase 1*)
4. Identify threats to social, environmental, and economic interests (*Phase 2*)
5. Develop and compare a suite of options that the County can implement (*Phase 2*)
6. Deliver findings and options (*Phase 2*)

MRC Members provided feedback to the UW team. Highlights of this discussion include the need to see the spill scenario graphics in the final report along with an executive summary that is appropriate for general public outreach. The Beach Watchers have training and interest in assisting with spill response. The team was reminded that that oil spill response is a front-burner issue for NWSC. People For Puget Sound's toxic outreach program may be interested in coordinating as well.

A general discussion around oil spill threats that were not included in the project plan included:

- Single hull barges
- Derelict vessels as a source of oil
- Impact of spills outside of county boundaries
- Hat Island Marina

Action: Dawn Lawrence and Chrys Bertolotto volunteered to help as they are able and would like to be included on project emails. Jerry Masters will meet periodically with UW team on Tuesdays as he is available.

MRC Strategic Plan Update- Tom Carter and Kathleen Herrmann

Tom Carter presented the revised goals, objectives, and strategies as edited to incorporate both the prior 2008 Draft Strategic Plan and the need for a streamlined plan. SMART is an acronym that refers to objectives that are Specific, Measurable, Achievable, Realistic, and Time were discussed as a potentially desirable addition to the strategic plan. The MRC decided that this would require a level of work that would be difficult to achieve at this time. It was agreed that a more general strategic plan without SMART objectives was desirable and has the benefit of consistency with other MRCs' plans, ability to place specific goals in a work plan, and flexibility given uncertain funding and volunteer base.

Comments on the Goals, Objectives and Strategies include:

- Provide definitions for acronyms
- Under Goal 2: Include oil spill response project
- Under Goal 3, objective 4: Change emergent to emerging
- Under Goal 6, objective 1: Include “periodically assess partners”
- Revise to include Public Works and Surface Water Management wherever appropriate under strategies
- The document was readable and easy to understand

Action: The Goals, Objectives, and Strategies document will be sent to the MRC for comments due October 28, 2010.

MRC Project Updates- Kathleen Herrmann

Kayak Point Restoration

The Request for Proposals (RFP) for a feasibility study of a barrier lagoon at Kayak Point County Park has been posted. Two park design options were previously established and will be used in this study. These two options (option A and option B) differ in the placement and configuration of the lagoon. Proposals are due by October 25, 2010 at 5 pm. MRC staff will partner with the Parks Department and PFPS for review of proposals and interviewing selected firms. The project will be awarded by November 15, 2010. The final draft of the feasibility plan will be presented on March 15, 2011.

Action: Keeley O’Connell will email a link showing design options A and B.

Nearshore Sediment Study

MRC staff are working with Anchor QEA and Snohomish County Communications Department. Anchor QEA is on retainer for Snohomish County and a scope of work has been developed. MRC support is needed to continue moving this project forward.

Port Susan Marine Stewardship Area

A workshop was held on October 19-20th at Warm Beach Camp to identify specific threats to the overall biodiversity of the draft Port Susan Marine Stewardship Area. The workshop used the previously identified ecosystem recovery targets of shorebirds, salmon, forage fish, bivalves,

crustaceans, beaches, and river delta to determine the stresses and specific sources of stressors for each. Kathleen Herrmann helped facilitate the workshop with Abby Hook, and Tom Hoban, Mary Cunningham, and Chrys Bertolotto were in attendance.

MRC Administration Updates- Kathleen Herrmann

NWSC Conference Attendance & Carpooling

For those attending the NWSC Conference on November 5-6th, carpooling is encouraged.

Action: Emily Whitney will coordinate carpooling via email.

Member Recruiting

Several applications have been received for open MRC positions and are currently being ranked and evaluated by staff. The Snohomish County Council must approve all appointees and will likely be unable to do so until the budget is finalized in January. Some concern was expressed that applicants would lose interest in MRC membership if the MRC staff waited until January to contact them.

Action: MRC Staff will continue to work to fill open MRC positions.

NWSC Update- Tom Hoban

The Derelict Fishing Gear Removal Project is 93% completed and funding will be spent by December 2010. Tom Cowan of the Northwest Straits Foundation may give an awards presentation to conclude the project in December in the Everett area.

Mary Cunningham motioned to adjourn the meeting and was seconded by Keeley O'Connell. All were in favor and Jerry Masters adjourned the meeting at 8:29 PM.

Snohomish County Marine Resources Advisory Committee Meeting (MRC)

Meeting Summary

Wednesday, November 17, 2010 6:30-8:30 PM

3000 Rockefeller Ave, Snohomish County Campus, Everett WA 98201

Admin East Building, 1st Floor, Public Hearing Room 2

<p>MRC Members Present Chrys Bertolotto Jared Bond Mary Cunningham Brent Hackney Thomas Hoban Lincoln Loehr Mike McHugh</p> <p>MRC Members Absent Dawn Lawrence, excused Jerry Masters, excused Keeley O’Connell, excused</p>	<p>Staff, Presenters, and Others Kathleen Herrmann, Snohomish County SWM Emily Whitney, Snohomish County SWM Simon Geerlofs, PNNL Kristine Deleon, Edmonds Community College Jeff Hennigh, Edmonds Community College Craig Wollam, Beach Watcher Andrea Hennings, citizen Mike Husman, Edmonds Community College</p>
<p style="text-align: center;">Summary of Decisions</p> <ul style="list-style-type: none">• The October 20, 2010 MRC meeting summary was approved.• MRC members agreed to cancel the December public MRC meeting in lieu of a Holiday Party at a local restaurant.• MRC members approved development of a Snohomish County MRC website through the NWSC that will be linked to the County’s existing website.	
<p style="text-align: center;">Upcoming Events</p> <ul style="list-style-type: none">• Starlight Beach Walk– December 3, 2010, 7:30 – 9:00 PM at Mukilteo Lighthouse Park• Northwest Straits Commission Meeting – December 10, 2010 from 10 AM - 3 PM at the Padilla Bay Reserve, Mount Vernon• Coastal Conservation Association North Snohomish County Chapter Meeting- December 14, 2010, 7- 8:30 PM at Bayside Marine, 111 Craftsman Way, Everett• WSU Beach Watcher Training – March 22 – May 6, 2011 Tuesdays and Fridays, 9 AM – 4 PM, based out of Marysville (Jennings Park Barn)	

**Snohomish County Marine Resources Advisory Committee
Meeting Summary, Wednesday, November 17, 2010, 6:30 – 8:30 PM**

Welcome, Introductions, Approval of MRC Meeting Summaries and Announcements

Jared Bond opened the meeting with a quorum at 6:37 PM.

Introductions

Approval of MRC Meeting Summary- Jared Bond

- Motion: Tom Hoban, Second: Lincoln Loehr

Announcements

Events:

- Starlight Beach Walk– December 3, 2010, 7:30 – 9:00 PM at Mukilteo Lighthouse Park
- WSU Beach Watcher Training - March 22 – May 6, 2011, Tuesdays and Fridays, 9 AM – 4 PM, based out of Marysville (Jennings Park Barn)

Meetings:

- Northwest Straits Commission Meeting- December 10, 2010, 10 AM- 3 PM at the Padilla Bay Reserve, Mount Vernon
- Coastal Conservation Association (CCA) North Snohomish County Chapter Meeting- December 14, 2010, 7- 8:30 PM at Bayside Marine, 111 Craftsman Way, Everett

Action: Mary Cunningham will coordinate with Brent Hackney to schedule a presentation to CCA on the Port Susan Marine Stewardship Area Project.

Announcements:

- Chrys Bertolotto distributed to the MRC a Shore Stewards program evaluation summary. The 2007 evaluation showed that Shore Stewards were working to change their practices according to the ten “Guidelines for Shoreline Living.” Shore Stewards in an ongoing program in Snohomish County.
- Brent Hackney reported that he is working with Puget Sound Anglers and the Coastal Conservation Association to schedule a Derelict Gear Removal project presentation similar to the presentation at the recent MRC Annual Retreat.
- The Snohomish County Boards & Commissions’ Appreciation Reception will be held on Monday, December 6th from 5:00 to 6:30 PM. MRC members are invited to attend.

Public Comment

No public comment

MRC Kudos

The following individuals were recognized for their recent contributions to the MRC:

- MRC members for record attendance at the NWSC Conference
- Kathleen Herrmann for chauffeuring at the NWSC Conference

Ocean Renewable Energy Overview: Implications for Local Marine Management- Simon Geerlofs

Simon Geerlofs, from Pacific Northwest National Lab (PNNL), presented on ocean renewable energy and the work being done in Snohomish County. PNNL is a U.S. Department of Energy national lab and is operated by Battelle. There is a PNNL marine research laboratory in Sequim and a satellite office in Seattle. Simon works in the Seattle office to understand and mitigate the impacts of tidal and ocean energy systems on coastal ecosystems.

Ocean renewable energy is a growing area of research and has seen a recent increase in funding. Ocean energy is more predictable than wind or solar energy and is a potentially large resource in coastal states like Washington. Snohomish PUD is exploring tidal current potential in Admiralty Inlet using OpenHydro technology. Tidal current technology generates energy from the movement of water in and out of Puget Sound. One consideration of this work is how to prevent animal interactions with the OpenHydro. Work is underway to develop a system that uses active sonar to detect whales approaching the turbine so that the turbine can be stopped if necessary. Additional consideration must be given to how much energy could be removed without disrupting the system.

Other ocean energy technologies include wave energy and offshore wind. Wave energy harnesses the movement of water. The Makah tribe is exploring this technology with limited success thus far. Offshore wind energy is not a current focus for Washington because current generating stations must be anchored in shallow water. The Washington coast does not have areas of shallow water that are not visible from land. For all ocean energy technologies there are potential environmental impacts that must be considered.

The Marine Research Laboratory is also involved in modeling work. Modeling is used as a tool for characterizing the impacts of development and restoration work to understand how the system in question functions. For example, for the Snohomish River restoration modeling is being used to examine how multiple projects will come together and impact the system as a whole. Several additional projects are also taking place in Puget Sound.

MRC Project Updates – Kathleen Herrmann

Kayak Point Restoration

The Request for Proposals (RFP) for a feasibility study of a barrier lagoon at Kayak Point County Park was posted and three firms applied. Staff from Snohomish County, Snohomish County Parks, and People for Puget Sound reviewed applications and conducted interviews. The consulting firm, Coastal Geologic Services (CGS) was selected. The final draft of the feasibility plan will be presented March 15, 2011.

Action: Kathleen Herrmann will provide a project schedule to the MRC.

Nearshore Sediment Study

The County finalized the contract with Anchor QEA for services to assist with the Nearshore Sediment Study. The first stakeholder workshop is tentatively scheduled for January 13, 2011 from 9:00 AM to 12:00 PM at Willis Tucker Park. This 3-hour workshop will provide participants the opportunity to review the criteria for which to identify the highest priority sites for habitat restoration for the section of nearshore along the railroad-impounded shoreline from Mukilteo to the Port of Everett.

A total of three workshops will be held to bring technical, policy, and regulatory perspectives to the table. They will take place in January, March and May, 2011. In addition to identifying critical knowledge-gaps and project-related barriers, other policy and permitting issues that influence project selection and restoration maintenance will be raised early in the assessment.

Action: Kathleen Herrmann will provide MRC members with a copy of the Anchor QEA scope of work.

Port Susan Marine Stewardship Area

The Strategies Workshop will be held Wednesday February 9th and Thursday February 10th. Responses from the Plus/Delta assessment at the Threats Workshop were reviewed. Some workshop participants expressed discomfort over the CAP process. In response, all participants will be sent a successful CAP example, a conservation audit example, and a workshop summary. The Warm Beach Camp facilities were very cost effective and should be considered for future use. In regard to workshop structure, participants should be encouraged to attend both days and effort made to avoid having people come only for one day.

Additional people to consider including in the future:

- Agriculture Community
 - Brian Bookey
 - Elizabeth Christiansen
- Tribal members
 - Sean Yannity
 - Ray Fryberg
- Scientists
 - Dan Pantilla – Forage Fish
- Government
 - County commissioners
 - Political representation
- Brent Hackney

The NWSC approved the request to delay the citizen workshops until after the holidays. Citizen workshops will be held in mid to late January 2011.

A joint effort by Chrys Bertolotto, Scott Chase, Kate Litle, and Michelle Wainstein is underway to conduct a Citizen Science Inventory of all the projects in Port Susan. An inventory list should be available for review shortly. A Citizen Science Project Selection meeting held November 17, 2010, to evaluate potential projects. The next meeting will be on Thursday, December 16th in Tulalip.

Mussel Watch

The MRC worked in partnership with the Washington Department of Wildlife last year using State funding to collect all the Mussel Watch samples for the State of Washington using citizen scientists to save NOAA money that was previously needed for a consultant. A project report can be found at: <http://wdfw.wa.gov/publications/pub.php?id=01127>.

Currently, there are several challenges to this project. Snohomish County has not received data since 2008 and the data received is incomplete. The MRC recognizes the importance of providing data back to citizen scientist volunteers. Samples submitted in January 2010 have not yet been processed despite the high priority of Washington State Mussel Watch in part due to effects of the Deepwater Horizon Oil Spill on TDI-Brooks Laboratory. The current Snohomish County contract with TDI-Brooks laboratory has expired and at this time, the County is working to move forward with a Sole-Source Contract with TDI. Issues relating to past samples and payments still need to be resolved. NOAA staff and several MRC members and staff discussed these issues on a conference call on November 15, 2010. The sampling plan for this winter is currently under development and is dependent on the outcome of contract negotiations.

Action: Inform Chrys Bertolotto when sampling dates are established.

MRC Administration Updates- Kathleen Herrmann

MRC Member Recruiting

MRC applications were reviewed and scored by staff. Jerry Masters and Kathleen Herrmann conducted candidate interviews. Two member nominations were forwarded to the County Council for approval. One member position representing the Stillaguamish Tribe remains open.

December MRC Meeting

MRC members agreed to cancel the December public MRC meeting. In lieu of a meeting, a holiday party for MRC members and spouses will be held at a local restaurant on Wednesday, December 15 at 6:00 PM. There will be a marine themed White Elephant gift exchange.

Action: Tom Hoban and Jared Bond will coordinate this event.

MRC Website

The Snohomish County MRC has the opportunity to develop a website through the NWSC at no cost to the MRC. The goal is create a user-friendly resource with event information, project descriptions, and citizen science data. Development work would be done through Mindfly Website Design Studio and site framework would be presented to the MRC for approval.

Action: Brent Hackney motioned to approve website development through NWSC and was seconded by Mary Cunningham. All were in favor and the motion was approved. Brent Hackney offered to assist in development.

NWSC Update- Tom Hoban

A Derelict Gear Removal Project presentation was held on October 21, 2010 in Everett with short notice to the MRC, consequently, no members were available to attend. MRC members would have liked to have attended but not given enough advance notice of the event.

Action: Tom Hoban will ask the NWSC to let us know if an event is planned in Snohomish.

Jared Bond motioned to adjourn and was seconded by Mary Cunningham. All were in favor and Jared Bond adjourned the meeting at 8:28 PM.