



SNOHOMISH COUNTY MARINE RESOURCES ADVISORY COMMITTEE



2007 ANNUAL REPORT & RECOMMENDATIONS



Snohomish County
Public Works

Surface Water Management
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Snohomish County Marine Resources Advisory Committee (MRC)

Background

The Snohomish County Marine Resource Advisory Committee (MRC) was established in 1999 to advise Snohomish County on approaches to conserve the local marine environment. The MRC is authorized by Chapter 2.800 of the Snohomish County Code to advise the County Council and Executive on marine resource issues. This report outlines the MRC's accomplishments for the period of March 2006 – August 2007, and includes a description of current projects and recommendations for the Snohomish County Executive and Council.

The MRC is composed of eleven citizen members representing economic, recreational, conservation, and environmental interests along with local and tribal governments. The MRC participates in the Northwest Straits Marine Conservation Initiative, a non-partisan regional effort to protect and restore marine resources in northern Puget Sound and the Strait of Juan de Fuca. Staff support for the Snohomish County MRC is provided by the Surface Water Management Division of the Public Works Department.

Since its inception, the MRC has developed an effective citizen-based process for examining local marine resource issues, engaging and educating the public and initiating small-scale efforts to address established priorities. Additionally, the MRC has developed a wide variety of partnerships with agencies, non-profit organizations and citizen groups to share resources and improve our chances for long-term success. Public education and involvement, including the training and use of volunteers, is an integral part of the MRC's work. Without the help of volunteers, the MRC would not be able to successfully complete many of their important projects.

The MRC's initial efforts have provided a strong foundation of tools and knowledge to fulfill their mission. With a strong emphasis on accountability, the MRC strives to maximize results, build stakeholder confidence and leverage external funds and partnerships.

The MRC is now implementing a number of marine conservation outreach, research and on-the-ground projects focused to leverage funds and expand partnerships throughout the county. The MRC is proud of their accomplishments over the past year, and looks forward to continuing their efforts to benefit the marine resources and the citizens of Snohomish County in 2008.



Above: MRC Members

Work Plan 2007-2009

The MRC has prepared a two year Work Plan for the period between July 2007 and June 2009. This Work Plan defines strategic goals and projects to achieve on-the-ground results in each of the following target priority areas identified by the MRC:

- **Public Education and Outreach**
- **Dungeness Crab Stewardship**
- **Nearshore Habitat Protection**
- **Marine Water Quality**
- **Community Empowerment**

The targeted priorities are supported by a subcommittee structure appointed by the MRC to increase public awareness, improve the best available marine science in Snohomish County, and make recommendations and implement successful on-the-ground restoration and protection projects. This Work Plan will improve the MRC's effectiveness and ability to make science-based recommendations to the County Executive and Council.

Highlights of the MRC's 2006-2007 achievements are summarized in this report- more events and projects occurred than could be reasonably listed in this report. In addition, highlighted projects in the MRC's 2007-2009 Work Plan are also included. The 2007-2009 Work Plan & Funding Source Summary Chart is included in the report's Attachments section.

2007-2009 Snohomish County Marine Resources Committee Projects

LEGEND

- County Boundary
- Major Roads
- Railroads
- Streams
- WRMA Boundary
- City Boundary
- Parks
- Unincorporated Areas
- Small of the same (Park, Park and Harbor) only
- Waterway

KAMM POINT MARSH RESTORATION

Helps restore the marsh along the coast of the Puget Sound estuary and the Puget Sound. The MRC is working with the Washington Department of Ecology to restore the marsh and to improve the water quality. The MRC will continue to monitor and maintain the project.

WATER QUALITY ASSESSMENT

The MRC is working with the Washington Department of Ecology to assess the water quality in the Puget Sound estuary. The MRC will continue to monitor and maintain the project.

BEACH EXPOS

Snohomish County MRC is a WRMA Beach Watch area. The MRC will continue to monitor and maintain the project.

DUNGENESS CRAB STEWARDSHIP

The MRC is working with the Washington Department of Ecology to improve the Dungeness Crab fishery. The MRC will continue to monitor and maintain the project.

SHORELINE LARVIVOROUS RESTORATION

The MRC is working with the Washington Department of Ecology to restore the shoreline habitat. The MRC will continue to monitor and maintain the project.

GRAND FEMALE CRAB PRESERVED HABITAT STUDY

The MRC is working with the Washington Department of Ecology to study the Grand Female Crab habitat. The MRC will continue to monitor and maintain the project.

CELESTIAL GEAR REMOVAL

Remove the gear that is being used in the Puget Sound estuary. The MRC will continue to monitor and maintain the project.

CELESTIAL GEAR REMOVAL

Remove the gear that is being used in the Puget Sound estuary. The MRC will continue to monitor and maintain the project.

Public Education and Outreach

2006-2007 Accomplishments

- **Volunteer Work Groups-** Organized Day of Caring, Jetty Island Clean-up. Over 230 volunteers logged a total of 900 hours for removing invasive plants, picking up litter, and surveying creosote logs. Partners: Northwest Straits commission, Washington Department of Natural Resources, WSU Beach Watchers, US Navy, Port of Everett, Stilly-Snohomish Fishery Enhancement Task Force, United Way, People for Puget Sound, and Snohomish Conservation District.
- **Publicity-** Generated publicity regarding the Jetty Island Day of Caring including an article in the Everett Herald and a 2-minute news story on KIRO 7 TV.
- **Beach Expos-** Conducted Beach Expos with guided beach walks at Kayak Point, Mukilteo, Hat Island and Howarth Park.
- **Shoreline Landowner Workshops-** Hosted five, day-long landowner workshops for over 270 shoreline residents throughout Snohomish County to improve stewardship.
- **Dungeness Crab Escape Cord Outreach-** Spoke with over 1200 recreational crabbers at Snohomish County boat ramps about using escape cord on crab traps to minimize loss of harvestable crab if pots become lost.
- **Educational Booths-** Participated in the Stillaguamish Festival of the River in August 2006.
- **Presentations-** Provided marine resource presentations to interested groups.



Above: Beach Watchers distribute escape cord education materials



Above: MRC display at a Beach Expo

2007-2009 Work Plan Highlights

1. Shoreline Landowner Workshops

The MRC will continue to provide workshops at various locations in Snohomish County to educate shoreline landowners on marine ecology, bluff stabilization, native vegetation, healthy lawn practices and zoning requirements to improve stewardship of Puget Sound. Partners for this project include: Puget Sound Action Team, WSU Beach Watchers, People For Puget Sound, City of Everett, City of Mukilteo, City of Edmonds, Stillaguamish Tribe, and others.



Right: Participants at shoreline landowner workshop

2. Dungeness Crab Escape Cord Outreach

Snohomish County MRC and WSU Beach Watchers will continue to work in partnership to increase recreational crabbers' use of biodegradable escape cords in Snohomish County. Escape cord is a biodegradable cord that will disintegrate over time and allow captured crabs to escape from a lost trap.



Right: Biodegradable escape cord

Dungeness Crab Stewardship

2006-2007 Accomplishments

- **Juvenile Dungeness Crab Habitat Survey-** Cooperated with Washington State Department of Fish & Wildlife (WDFW), Tulalip Tribes and WSU Beach Watchers to survey juvenile Dungeness crab habitat. Volunteers logged over 1700 hours counting crabs, and data will be used by WDFW to develop a Priority & Habitat Species Document to protect juvenile crab habitat in hydraulic permits. Presented the final report at the Georgia Basin Puget Conference.
- **Derelict Fishing Gear Survey-** Coordinated with the Northwest Straits Commission & Stillaguamish Tribe to survey for additional derelict fishing gear in Port Gardner.
- **Crab Harvest Data Collection-** Compiled WDFW crab harvest data to determine trends in harvest rates among user groups.
- **Degradation Rates of Escape Cord Materials-** Partnered with WDFW and the Port Townsend Marine Science Center to determine degradation rates of escape cord materials.



Above: Volunteers survey for juvenile Dungeness crab



Above: A crab pot from the degradation rate study

2007-2009 Work Plan Highlights

1. **Gravid Female Dungeness Crab Habitat Survey-** This study will identify gravid female crab habitat areas in Snohomish County. Collected data will be analyzed and used to promote appropriate means of protection for productive gravid female crab habitat. The study protocols and preliminary maps were completed June 2007, and field mapping is anticipated for completion by February 2008.



Left: Gravid female Dungeness crab holding up to 2.5 million fertilized eggs

2. **Derelict Gear Removal Project-** In 2006, MRC coordinated efforts with the Northwest Straits

Commission to survey and remove derelict fishing gear in Port Gardner. With additional grant funds, the MRC will continue to work with the Northwest Straits Commission to expand the inventory of derelict gear and locate traps in 100-250ft depths from Mukilteo to Tulalip Bay.

Right: Countless crabs are lost due to derelict gear



3. **Crab Harvest Data Collection-** Continue coordinating with WDFW in collecting crab harvest data to determine trends in harvest rates among user groups.

Nearshore Habitat Protection & Restoration

2006-2007 Accomplishments

- **Creosote Identification Training-** Trained WSU Beach Watchers in creosote identification to survey Snohomish County.
- **Jetty Island Clean Up-** WSU Beach Watchers removed invasive vegetation and tagged over 70 tons of creosote treated logs on Jetty Island. Washington Department of Natural Resources removed them by helicopter the following week.
- **Eelgrass Mapping and Protection** – Because salmon and juvenile Dungeness crab predominantly use eelgrass as habitat, protecting eelgrass is essential to salmon's survival. The MRC mapped eelgrass habitat along the County marine shoreline, and distributed this information to Snohomish County Planning & Development Services to use best available information in the Shoreline Management Program.



*Left:
Volunteers
survey
creosote logs
on Jetty
Island*



*Right:
Helicopter
removing 70
tons of
creosote from
Jetty Island*

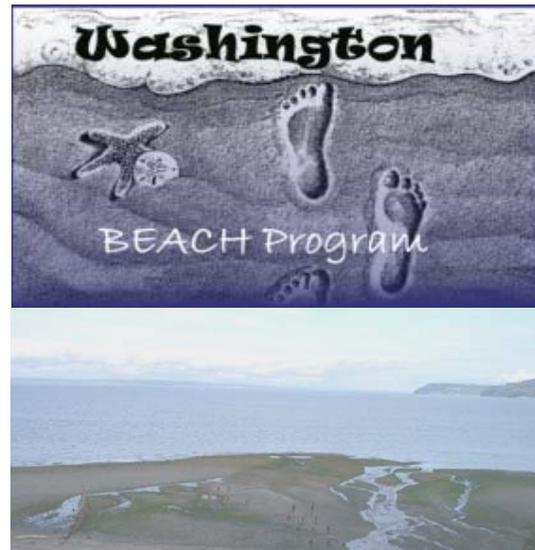
2007-2009 Work Plan Highlights

1. **Jetty Island Expansion Project-** Approximately 60,000 cy of hydraulically clean river sand was placed to extend the existing island southward approximately 900 feet. The MRC is partnering with the Port of Everett to evaluate the effectiveness of using dredged river sand to restore shoreline functions on hardened shorelines and for nourishment of small stream deltas in Puget Sound. Five surveys are planned between fall 2007 and spring 2009.
2. **Kayak Point Restoration-** This project is in partnership with Snohomish County Parks & Recreation to relocate the loop road and restore backshore habitat and sediment transport processes. In addition, this project will assess emerging threats from an existing bulkhead and develop a feasibility and design study for a "soft" armoring design intended to enhance long-term ecosystem function while protecting existing park infrastructure. Other project partners include People For Puget Sound, Northwest Straits Foundation, WSU Beach Watchers, and many others.
3. **Port Susan Marine Stewardship Area-** The Port Susan Marine Stewardship Area Working Group includes the Northwest Straits Commission, Tulalip Tribes, Stillaguamish Tribe, the Snohomish and Island County Marine Resource Committees and others. The Working Group is scoping the feasibility of establishing a Marine Stewardship Area in Port Susan, focused on improving sustainable fisheries practices, bolstering nearshore habitat restoration & protection efforts, and coordinating effective public outreach for Port Susan landowners. The Working Group plans to create a coordinated communication network among Tribes, conservation groups, stakeholders, and government agencies to obtain on-the-ground results that benefit Port Susan's marine resources.
2. **Creosote Piling Removal and Osprey Nest Relocation-** Port Gardner holds claim to the largest osprey nest colony on the west coast, and brings birdwatchers worldwide. Many osprey nests are on timber pilings treated with creosote. These pilings are in a state of slow collapse. The MRC is partnering with Washington State's Department of Natural Resources (DNR), Pilchuck Audubon Society and Tulalip Tribes to remove creosote pilings in Port Gardner and replace osprey nests on creosote pilings with nests on concrete pilings. The MRC is coordinating creosote piling removal and will provide funding for the placement of one replacement concrete piling for the osprey nests. The insertion of four other pilings will be funded by project partners.

Marine Water Quality

2006-2007 Accomplishments

- **Water Quality Monitoring** - Participated in Washington Department of Ecology B.E.A.C.H. Program to monitor water quality at public beaches along the Snohomish County marine shoreline.
- **Water Quality Data Compilation**-Initiated synthesis investigation and collection of data on human and wildlife health issues associated with marine water quality. Compiled and evaluated data from existing marine water quality monitoring programs throughout Snohomish County programs to assess local marine water quality conditions, identify data gaps and identify next steps to improve marine water quality in Snohomish County.



Above: Picnic Point Park beach

2007-2009 Work Plan Highlights

1. Pharmaceutical Take Back Education and Research

The Washington PH:ARM (Pharmaceuticals from Households: A Return Mechanism) team is currently launching a first-in-the-nation pilot take-back program to collect waste medicines from household and small quantity sources on an ongoing basis. This Washington pilot project will provide a new approach to prevent pharmaceutical pollution and safeguard public health in the long term, and create sustainable approaches to problematic waste streams. PH:ARM's mission is to create a simple, low-cost and secure take-back system to collect unwanted medications from household and small quantity sources. The project has broad support from a diverse coalition of government and non-profit representatives. Partners in the PH:ARM Project include: WA Dept. of Social Services, WA State Board of Pharmacy, WA State Dept. of Ecology, Public Health-Seattle & King Co, Interagency Resource for Achieving Cooperation, Local Hazardous Waste Management Program in King County, Snohomish Co Solid Waste Management Division, Surface Water Division & MRC, NW Product Stewardship Council, Pacific NW Pollution Prevention Resource Center, and WA Citizens for

Resource Conservation. MRC funding will be used to identify stakeholders, provide educational workshops, and to widely disseminate information.

2. Snohomish County Mussel Watch

The MRC is expanding NOAA's Nationwide water quality Mussel Watch Program from three to six sites in Snohomish County. Mussels are collected, processed and analyzed for over 100 chemicals including PCBs, PAHs, trace metals, and others. The purpose of this project is to obtain current information on the relative concentrations of chemical contaminants in nearshore waters of Snohomish County. The MRC anticipates continuing this long-term monitoring program to identify trends over time. Partners for this project include NOAA, the Stillaguamish Tribe, the MRC, and WSU Beach Watchers.



Left: Mussel Watch Training at Mukilteo Lighthouse Park

Financial Summary

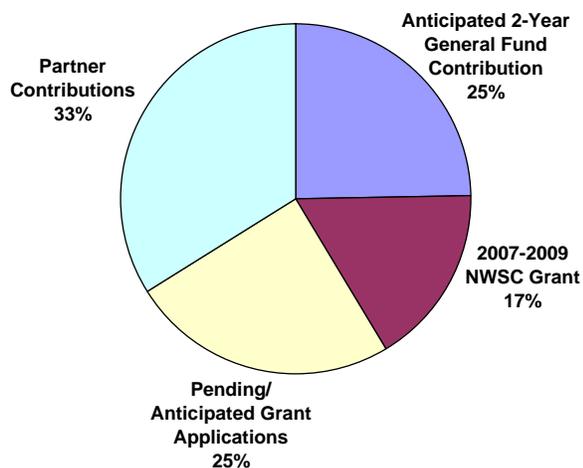
MRC activities are funded in large part by non-competitive grants from the Northwest Straits Commission (NWSC) and by Snohomish County General Funds. The source of the NWSC grants is Coastal Zone Management 310 funds administered by the Washington Department of Ecology, and have varied from \$40,000-\$100,000 annually since 2001, with an average of approximately \$60,000 per year.

Since inception in 1999, Snohomish County has received over \$750,000 in third-party support from the Northwest Straits Commission to contribute to the MRC's Work Plans.

The County's share of MRC funding is critical to ensure the fulfillment of the Work Plan. Between 1999-2006, the County invested \$189,000 in the Marine Resources Program, averaging about \$31,500 per year from the General Fund. By 2006, County funds had been leveraged at a ratio of about 1:4 with external support from grants, gifts and in-kind support from MRC partners.

In 2007, Snohomish County increased its General Fund contribution to the Marine Resources Program to \$135,000 for FY2007, as a result of the MRC's on-the-ground achievements, increased partnerships and leveraged funds, and commitment to further leverage the County's increased contribution with additional competitive grants. These additional funds have resulted in a strengthened work program, expanded partnerships, increased volunteer participation, and larger on-the-ground projects while maintaining a 4:1 ratio of leveraged funds.

2007-2009 MRC Work Plan Contributions



Since January 2007, The MRC received another 2-year grant award from NWSC for \$184,000, and has secured \$374,000 in partnership pledges to support the work plan. Additionally, the MRC and partners have applied for \$273,000 in additional grant funds. Results of these additional grant applications are pending. The MRC and its partners are continuing to apply for upcoming grants and other community-based funding sources to maximize leverage of County resources (see *Attachment 1* for budget details).

These actions have only been possible due to the recent increase in County General Fund contributions. Many of the MRC's projects in its heightened work plan cannot be implemented without continued investment at existing levels.

Existing funding levels will ensure that the MRC's efforts will reach a level with measurable improvements in on-the-ground stewardship and restoration. Currently, MRC staff support is at 1.25 FTE, plus two 6-month temporary positions. The Marine Resources Program has further leveraged its staffing capacity through a recent award from the Department of Ecology Washington Conservation Corps. An Individual Placement position will support the program for 12 months, with anticipated support in future years. This staffing level supports administrative functions, committee operations and coordinates actions to implement the MRC Work Plan and recommendations.

Recommendations to Snohomish County Executive & Council

The following recommendations are presented for consideration by the Snohomish County Council and Executive. These include actions that Council and/or the Executive could take, in addition to general support of the current MRC work program. The MRC welcomes further discussion of these recommendations.

Primary Recommendations

1. Sustain General Fund investment in the MRC, which is critical to the programs' success.
2. Provide continued staff support for the MRC.
3. Support current and future MRC work plans.
4. Prioritize marine resource stewardship in departmental work plans, budget development, and local and regional initiatives, such as transportation and economic development.
5. Support the MRC's involvement in the Port Susan Marine Stewardship Area (MSA) Working Group, which will identify goals and actions involved in establishing a community-supported MSA that results in policy actions and on-the-ground activities.
6. Support the adoption of the Snohomish County Shoreline Management Program.
7. Ensure that marine shoreline development projects in Snohomish County are coordinated with respect to mitigation of comprehensive and cumulative effects on our shoreline and marine resources.
8. Support partner and agency efforts to protect and restore marine shoreline habitat.

Additional Recommendations

Public Involvement and Education

1. Encourage citizen involvement in marine resource monitoring and protection opportunities.
2. Expand partnerships with agencies, tribes, municipalities, universities, community colleges, non-profit organizations and citizen groups.

Dungeness Crab Stewardship

1. Expand partnerships with agencies, tribes, municipalities, universities, community colleges, non-profit organizations and citizen groups to protect and restore Dungeness crab habitat and develop appropriate harvest regulations.
2. Support statewide development of a Priority Habitat & Species designation for Dungeness crab habitat

Nearshore Habitat Protection and Restoration

1. Support partnerships targeted to protect and restore marine shoreline habitat.
2. Design and implement nearshore habitat restoration capital projects, especially soft shore protection demonstration projects.
3. Support efforts to address the impact of climate change and anticipated sea level rise on marine resources, in addition to landowners living along the marine shoreline.

Marine Water Quality

1. Examine the threat of oil spills to Snohomish County marine resources.
2. Monitor the development of Washington's administrative rules that will implement new legislation for on-water fuel spill prevention.

Regional Puget Sound Conservation Efforts

1. Participate in the Puget Sound Partnership's Ecosystem Coordination Board and serve a leadership role in the Whidbey Island Action Area to improve Puget Sound's health and enhance Snohomish County citizens' quality of life.

Acknowledgements

The accomplishments and current activities of the Snohomish County MRC depend on contributions from volunteers, Snohomish County staff members, and people from other organizations. Many of our MRC partners are listed below. Their interest and participation in MRC activities is greatly appreciated. We apologize for any omissions.

Snohomish County MRC Members

Mary Cunningham, MRC Chair, City of Everett Planning and Community Development, Senior Planner

Dawn Lawrence, MRC Vice Chair, Cascade High School, Biology Teacher

Kirby Johnson, NWSC Representative, Boeing Engineer

Jen Sevigny, Stillaguamish Tribe, Wildlife Biologist (Alternate: Francesca Perez, Conservation Biologist and Outreach Coordinator)

Heather McCartney, City of Mukilteo, Planning Director

Alan Mearns, Ph.D., National Oceanic and Atmospheric Administration, Marine Biologist

Chet Motekaitis, Recreational Boat Safety Consultant

Sally van Niel, Conservation Co-Chair, Pilchuck Audubon Society

Daryl Williams, Tulalip Tribes Environmental Liaison

Kent Scudder, Norquest, Ltd., Real Estate Analyst

Charlie LaNasa, Bestworth-Rommel, Manager

Karen Stewart, Senior Planner, Snohomish County PDS, Ex Officio position

Chrys Bertolotto, WSU Beach Watchers / Snohomish County, Ex Officio position

WSU Beach Watchers- Snohomish County

Anne Uhl

Becky Spiker

Bernie Bush

Beverly Odland

Billy Johnsen

Bob McCort

Carol Forsberg

Caroline Tarpley

Chris Betchley

Chris Mitchell

Cindy Ridgeway

David Normal

David Reideway

Denise Mannery

Fred Benedetti

GayLynn Beighton

Harlen Forsberg

Jacquelyn Styrna

Judy Ness

Kathe Stanness

Kristie Marzn

Lynn McCort

Maureen Hoban

Tom Hoban

Michelle Noval

Nancy McDonald

Ralph Porter

Stef Frenzl

Susan Dearn-Tarpley

Theda Houck

Wendy Fisher

Yoshi Shelton

Port Susan Marine Stewardship Area Working Group

Chrys Bertolotto, WSU Beach Watchers

Ginny Broadhurst, Northwest Straits Commission

Scott Chase, WSU Shore Stewards

Stef Frenzl, Snohomish County MRC

Phyllis Kind, Island County MRC

Mary Cunningham, Snohomish County MRC

Kit Rawson, Tulalip Tribes

Jen Sevigny, Stillaguamish Tribe

Robert Warren, The Nature Conservancy

Tim Walls, Snohomish Basin Salmon Recovery Forum

Terry Williams, Tulalip Tribes

Daryl Williams, Tulalip Tribes

Public Involvement and Education

WSU Beach Watchers- Snohomish County
Scott Chase, Camano Island Beach Watchers
Michele Boyd, Westgate Elementary, Edmonds School District
Owen Caddy, City of Edmonds Beach Rangers
David Duggins, UW Friday Harbor Research Labs
Kraig Hansen, City of Everett Parks Department
Nancy Hasler, Totem Falls Elementary, Snohomish School District
Sally Lider, City of Edmonds Beach Rangers
Linda Lyshall, Puget Sound Action Team
Cynthia McIntyre, Everett High School
Curt Moulton, Snohomish County/WSU Extension
Kirby Schaufler, Cedarcrest Middle School, Marysville School District
Ann Boyce, Stillaguamish-Snohomish Fisheries Enhancement Task Force
Keeley O'Connell, People For Puget Sound
Francesca Perez, Stillaguamish Tribe
Maria Calvi, Tulalip Tribes

Dungeness Crab Stewardship

All 72 Juvenile Dungeness crab survey volunteers
Tom Murphy, Edmonds Community College and the LEAF Program
Escape Cord Education Volunteers
Tom Cowan, Northwest Straits Foundation
Hilary Culverwell, Puget Sound Action Team
Paul Dinnel, Skagit MRC/Shannon Point Marine Center
Jennifer Hernandez, University of Washington
Bruce Higgins, Edmonds Underwater Park
Jeff June, Natural Resources Consultants
Mike McHugh, Tulalip Tribes
David Meister, WDFW
Don Velasquez, WDFW

Nearshore Habitat Protection and Restoration

All 23 Snohomish Camano Nearshore Cooperative Members
Naval Station Everett Jetty Island Volunteers
United Way Day of Caring Volunteers
Graham Anderson, Port of Everett
Amrita Candela-Beal, Naval Station Everett
Rick Dinicola, US Geological Survey
Tracy Fuentes, US Geological Survey
Doug Meyers, Puget Sound Action Team
Hugh Shipman, Washington Department of Ecology
Les Hastings, Naval Station Everett
Jerry Heller, Port of Everett
Jon Houghton, Pentec Environmental
Tarang Khangaonkar, Pacific Northwest National Laboratory/Battelle
Lisa Kaufman, Department of Natural Resources
Reg Reisenbichler, US Geological Survey
David Roberts, Department of Natural Resources
Todd Zackey, Tulalip Tribes
Maria Calvi, Tulalip Tribes

Marine Water Quality

WSU Beach Watchers

Kathryn Davis

Lynn Schneider, WA Department of Health/Ecology

Ginny Broadhurst, Northwest Straits Commission

Data Compilation and Analysis Snohomish Camano Nearshore Cooperative Members

Snohomish Basin Salmon Recovery Forum

Allison Bailey, Sound GIS

Betty Bookheim, Washington Department of Natural Resources

Duane Bowman, City of Edmonds

Paul Crane, City of Everett

Cinde Donoghue, Washington Department of Ecology

Dennis Gregoire, Port of Everett

Jason Griffith, Stillaguamish Tribe

Jon Houghton, Pentec Environmental

Dan Mathias, City of Everett

Peter Namtvedt Best, City of Bainbridge Island

Jim Norris, Marine Resources Consultants

Tony Petrillo, Blue Water Engineering Services

Dan Penttila, Washington Department of Fish and Wildlife

Allison Reak, Landau Associates

Darren Syverson, Survey Volunteer

Paul Szewczykowski, Survey Volunteer

Curtis Tanner, U.S. Fish and Wildlife Service

Chris Townsend, Sound Transit

Jacques White, The Nature Conservancy

Gary Wood, Island County MRC/Regional Forage Fish Coordinator

Todd Zackey, Tulalip Tribes

Snohomish County Staff Members

Public Works Department, Surface Water Management Division

Bob Aldrich, Principal Watershed Steward

Laura Audette, GIS Analyst

Suzy Brunzell, GIS Analyst

Sean Edwards, Senior Planner

Stef Frenzl, MRC Lead Staff

Jacquie Gauthier, WCC IP

Lily Wescott, Associate Planner

Chris Betchley, Associate Planner

Tracy Patton, Associate Planner

Jake Jacobson, Watershed Steward

Karen Kerwin, Interim Director

Scott Moore, Native Plant Steward

Morgan Neal, Marine Resources Intern

Ted Parker, Habitat Technician

Lynda Ransley, SPA Supervisor

Robyn Redekopp, Intern

Wendy Fisher, Marine Resources Intern

Suzi Wong Swint, Senior Planner

Tim Walls, Associate Planner

Dave Ward, Principal Steward

Parks Department

Ken Alskog, M&O Supervisor

Jack Davidson, Senior Park Ranger

Doug Dailer, Park Ranger
James Yap, Senior Planner

Pat Kenyon, Principal Park Planner

Marc Krandel, Planning Supervisor

Dale Kolbe, Habitat Steward

Sharon Walker, Senior Planner

Attachments

**Attachment A..... 2007-2009 MRC Work Plan
& Funding Source Summary**

Attachment A					
Snohomish County MRC Work Plan & Funding Source Summary	MRC Project Budget	Anticipated 2-Year General Fund Contribution	2007-2009 NWSC Grant	Pending/ Anticipated Grant Applications	Partner Contributions Secured for MRC Projects
MRC Administration					
NWSC Grant Admin Requirements (meetings, work plan, annual reports, etc)	\$56,000	\$36,000	\$20,000	-	-
Marine Resources Program Admin	\$25,000	\$25,000	-	-	-
MRC Program Fundraising	\$15,000	\$15,000	-	-	-
MRC Conferences- Member Reimbursements	\$5,000	-	\$5,000	-	-
Strategic Plan	\$13,000	\$8,000	\$5,000	-	-
Dungeness Crab Program					
Derelict Gear Removal/Strategy	\$33,000	\$5,000	\$28,000	-	-
Gravid Female Habitat Map- Part II	\$50,000	\$5,000	\$45,000	-	-
Escape Cord Education- Recreational	\$3,000	\$3,000	-	-	\$4,000
Crab Harvest Regulation Packet to WDFW	\$5,000	\$5,000	-	-	\$2,000
Nearshore Stewardship Program					
Kayak Point County Park Restoration	\$40,000	\$35,000	\$5,000	\$200,000+	\$111,000
Candidate Sites Analysis	\$5,000	\$5,000	-	-	\$2,000
Snohomish County Shore Stewards	\$11,500	\$11,500	-	-	\$10,000
Landowner Wrkshps/Tech Assistance	\$48,000	\$40,000	-	\$8,000	-
Picnic/Kayak Stwrship- Sound Stewards	\$8,000	\$8,000	-	-	\$10,000
Jetty Island Beach Expansion Monitoring	\$16,000	\$11,000	\$5,000	-	\$5,000
Osprey Nest Relocation Project	\$9,500	\$1,500	\$8,000	-	\$15,000+
Port Susan Marine Stewardship Area	\$0	-	-	\$35,000+	\$31,000
Water Quality					
Pharm. take back	\$14,000	-	\$14,000	-	-
Mussel Watch	\$25,000	\$15,000	\$10,000	-	\$12,000
Monitor EDs in salmon	\$7,000	\$3,000	\$4,000	-	\$2,000
Creosote Piling removal	\$4,500	\$4,500	-	-	\$50,000
Water Quality Investigation	\$35,000	\$20,000	\$15,000	\$30,000+	-
Community Empowerment					
Core WSU Beach Watcher Training	\$36,500	\$16,500	\$20,000	-	\$120,000
	\$457,000	\$273,000	\$184,000	\$273,000+	\$374,000+*

* Funds in the column named "Partner Contributions Secured for MRC Projects" are not included in the "MRC Project Budget" column