

SKAGIT COUNTY MARINE RESOURCES COMMITTEE

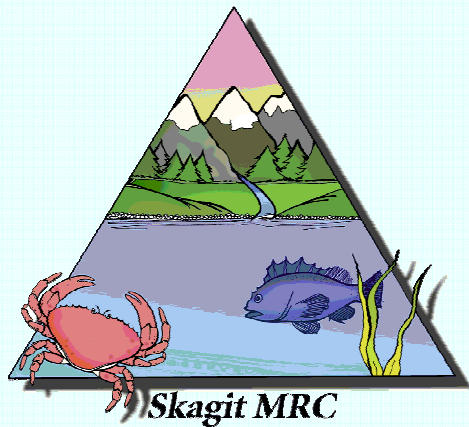
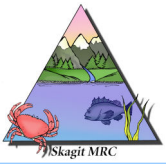


Photo By: Jim Rimaglia

**2008 ANNUAL
REPORT**



Skagit County Marine Resources Committee 2008 Annual Report

Background

The Skagit Marine Resources Committee (SMRC) is a citizen-based advisory committee established by Skagit County Resolution #17433 in May 1999 to discuss marine related issues and identify action items to enhance, restore, and protect local marine habitat. SMRC's stated Mission and purpose is to "Act as a catalyst for protection and restoration of the marine waters, habitats, and species of Skagit County to achieve ecosystem health and sustainable resource use." The primary three goals of the SMRC include: 1) Restore the health of the Skagit County marine waters, habitats, and shorelines to sustainable levels; 2) Collect high quality data and promote its use and dissemination; and 3) Promote stewardship and understanding of Skagit County marine resources through education and outreach.

SMRC is composed of 18 members who have been appointed by County Council and represent various interest groups including: marine scientists and concerned citizens, sport and commercial fisheries, recreational divers, marine industry, oil companies, and environmental, and conservation organizations, as well as local and tribal governments. All of the SMRC members have a vested interest in protecting and restoring the health of Puget Sound. Staff support for the SMRC is provided by the Water Resources Section of the Skagit County Public Works Department.

The SMRC combines sound science and a "bottom-up" approach to protecting and restoring the marine resources of the Northwest Straits. Community involvement is an integral part of SMRC's work. Not only is it more cost efficient to use the help of volunteers, but many important projects would not be successfully accomplished without them. In addition, SMRC has developed and expanded partnerships with local, federal, and tribal governments, non-profit organizations and citizen groups to share resources to help get the projects off the ground and achieve long-term success.

The Northwest Straits Commission (NWSC) is the regional group that supports the Congress authorized Northwest Straits Marine Conservation Initiative (NWSI) and the administration of all seven MRCs through grants, coordination with appropriate governmental agencies, and training on marine resource issues.

A series of Performance Benchmarks were created to measure progress of the NWSI in protecting and restoring degraded resources and habitats of the Northwest Straits. The goal of the NWSI Performance Benchmarks is to protect and restore the marine waters, habitats and species of the Northwest Straits region to achieve ecosystem health and sustainable resource use.

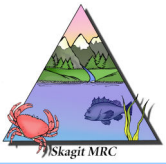
SMRC selects restoration and conservation projects based on specific prioritized needs guided by the Performance Benchmarks set by the NWSI. This report highlights the SMRC activities and accomplishments and the specific NWSI Benchmarks each project addressed during year 2008 as well as the work plan for 2009. These projects are 100% funded by Ecology Grant # G0800009, a two year grant (2007-2009) which ends June 30, 2009. SMRC has identified 14 potential new projects for the next two year grant cycle (2009-2011). SMRC is in the process of applying for the next grant.

NWSI Performance Benchmarks

- **Marine Habitats**
Protect and restore marine, coastal and nearshore habitats, prevent loss and achieve a net gain of healthy habitat.
- **Marine Life**
Protect and restore marine populations to healthy sustainable levels.
- **Marine Water Quality**
Protect marine water quality of the Northwest Straits region, and restore the health of marine waters.
- **Sound Science**
Collect high quality data and promote its use and dissemination.
- **Education and Outreach**
Promote stewardship and understanding of Northwest Straits' marine resources through education and outreach.



NORTHWEST STRAITS
marine conservation initiative



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TASK 1: Administrative

Project Lead/s: -Tracy Patton-County Staff (project coordination & grant administration)
-Ivar Dolph, Jim Rimaglia, Paul Sund (educational materials)
-Christine Woodward (NWSC Rep)
-Ericka Pickett (NWSC Rep Alt)

2008 ACCOMPLISHMENTS

SMRC Meetings and Communication

Monthly SMRC meetings were held on the second Thursday of each month and were open to the public. Guest speakers provided important information on current marine resources related issues at most meetings. There was a full roster of SMRC members in 2008 and meeting attendance was strong. Meeting agendas and minutes were posted on the SMRC website. County Staff facilitated communication between SMRC members and outside agencies and continuously updated the SMRC website (<http://www.skagitcounty.net/MRC>) to help inform the public on SMRC meetings, SMRC projects and reports, stewardship opportunities, educational programs, special events, and current issues related to marine resources.

Educational Materials

200 Field Guides to Common Seaweeds and 200 Field Guides to Invertebrates, & Fishes of Skagit County were printed and used as training tools for Washington State University (WSU) Beach Watchers. 500 SMRC brochures "A Report to the Community" were also printed. These brochures were used to raise public awareness on issues impacting marine resources and the important SMRC projects that help restore and protect the marine Environment. The field identification cards and SMRC brochures were distributed to the public at educational events including Fidalgo Bay Day, the Bivalve Bash, Swinomish Earth celebration, and, the Mount Vernon High School Science Night.

SMRC Training

Christine Woodward is the SMRC representative who attended most of the NWSC meetings in 2008 and presented highlights from the NWSC meetings at the monthly SMRC meetings. Erica Pickett, Paul Dinnel, and Polly Fischer attended the NWSC meetings as alternates. Seven SMRC members attended the 2008 annual NWSC training conference in Port Angeles.

2009 WORK PLAN

Staff Support

Skagit County Staff will continue to provide administrative support including grant administration, contract management, budget tracking, and communication facilitation.

SMRC Meetings & Communication

SMRC will continue holding monthly meetings on the 2nd Thursday of each month and informing the public and policy makers about their ongoing activities.

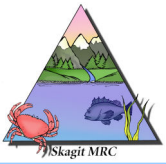
Educational Materials

SMRC will continue distributing the SMRC brochure and marine animal and seaweed identification cards during educational and training events.



SMRC Training

Charlie O'Hara was recently appointed to be the new NWSC representative from SMRC (Ivar Dolph is the alternate). Charlie will attend the NWSC meetings & present highlights at SMRC meetings. All SMRC members are encouraged to attend the 2009 NWSC training conference, as well as other training opportunities including the 2009 Puget Sound Georgia Basin Research Conference in Seattle.



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TASK 2: North Fidalgo Island Drift Cell Analysis

Project Lead: Aundrea McBride

NWSI Benchmarks: *Sound Science*
Marine Habitats

2008 ACCOMPLISHMENTS

SMRC contracted with Coastal Geological Services (CGS) to complete a drift cell analysis of North Fidalgo Island. CGS has completed current geomorphic mapping. The geomorphic shore types mapped throughout the study area included all modifications, bluff sediment sources, transport zones, and accretion shore forms along with recent landslides and toe erosion. The tidal elevation of each shore modification was also measured to aid in the later prioritization of restoration opportunities. Historic conditions were mapped, the index scores were analyzed and the current and historic conditions of the shore were compared. Modified units were prioritized for restoration. A report complete with result analysis and maps and figures displaying results was produced. The report can be downloaded from the SMRC website. CGS presented the results at a SMRC meeting.



TASK 3: Whitmarsh Pocket Estuary Restoration

Project Lead: Keeley O'Connell

NWSI Benchmarks: *Marine Habitats*
Education/Outreach

2008 ACCOMPLISHMENTS

The City of Anacortes plans to install an improved culvert design that will enlarge the estuary opening to near historic size to enhance critical habitat for juvenile salmon and other marine organisms. Following the estuary enlargement, SMRC planned to partner with People for Puget Sound to coordinate the recruitment and supervision of volunteers to help with the pocket estuary restoration efforts. Restoration efforts were supposed to begin spring 2008. However, we were unable to get access to the site and were not able to get the information on the culvert installation and road work we needed to move forward with this project. The SMRC decided to drop this project and redistribute the funds towards the Fidalgo Bay Contaminant Assessment project.

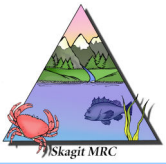
2009 WORK PLAN

This project is complete and a final report has been submitted. The N. Fidalgo Island Drift Cell analysis, in addition to the previously completed March Point cell drift analysis, puts the completed drift cell analysis for Skagit County Beaches at nearly 30%. A drift cell analysis for North Skagit Bay has been identified as a priority project by the SMRC.

2009 WORK PLAN

This project has been canceled. At this point there are no plans to move forward with restoration efforts. If this project were to move forward, the restored riparian vegetation would have provided a buffer to improve water quality, provided a source of energy, provided habitat for fish and wildlife, provided bank stabilization, and prevented flooding.





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TASK 4: Port of Anacortes Beach Enhancement

Project Lead: *Connie Thoman*

NWSI Benchmarks: *Marine Habitats
Education/Outreach
Water Quality*

2008 ACCOMPLISHMENTS

SMRC partnered with the Port of Anacortes for a beach restoration and enhancement project along O Avenue. A conceptual design has been completed. The habitat reconstruction will complement and enhance the overall aquatic habitat value that currently exists in and adjacent to the site. Restoration efforts will include: placement of suitable sand/gravel as substrate onto the beach to improve the overall habitat for forage fish; planting native/salt-tolerant vegetation along the beach bank to provide beach shading; installing a narrow path alongside the adjacent road for safer pedestrian use; and removing the concrete bulkhead & creosote pilings. In addition, Low Impact Development components will be added along side O Avenue mitigation site (see Task 5).

2009 WORK PLAN

The Port will provide a copy of the final design plan for beach enhancement and restoration. Beach enhancement and construction is anticipated to begin in the summer of 2009.



TASK 5: Low Impact Development (LID) Workshops & Demonstration

Project Lead: *Lori Kyle (LID Workshops and
Paul Dinnel (LID Demonstration Features)*

NWSI Benchmarks: *Education/Outreach
Marine Water Quality*

2008 ACCOMPLISHMENTS

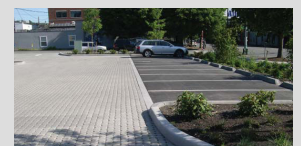
LID Workshops: SMRC partnered with the Skagit Conservation District to provide two LID workshops in 2008. The first LID workshop was held February 22nd at Padilla Bay National Estuary Research Reserve. This workshop educated 60 landowners & developers on the importance of LIDs, how they can utilize LID components on their property to minimize storm water runoff and help reduce the input of contaminants entering Skagit County's marine waters. The second workshop was a field trip held February 29th which generated 26 participants. The field trip provided examples of failed and successful LID projects. A final report evaluating the workshop has been submitted.

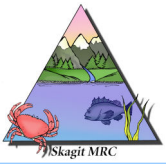
LID Demonstration Project: SMRC partnered with the Port of Anacortes to install an LID demonstration project along O Avenue as part of the beach enhancement project and install interpretive signage. This project will provide a number of examples of LID features for people to reference when planning future construction and repair projects or evaluating the possibility of retrofitting properties with LID components. Interpretive signage will help educated the public on the need for and use of LID features installed near the O Avenue mitigation site (see Task 4).

2009 WORK PLAN

LID workshops: The LID workshops have been completed and will not be continued in 2009.

LID Demonstration Project: The Port will provide a copy of the final design plan for LID features. LID features and interpretive signage will be installed at O Avenue July 2009. Some of the LID features will include: rain gardens, roof storm water collection /vegetation wall, porous paving, and riparian planting.





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TASK 6: WSU Beach Watchers Training

Project Lead: Ivar Dolph

NWSI Benchmarks: Education/Outreach

2008 ACCOMPLISHMENTS

SMRC partnered with WSU to recruit and train Beach Watcher Volunteers in the early spring of 2008. Eleven community members were recruited to become WSU Beach Watchers in 2008. 45% of the 2008 class has already completed the 100 hour commitment well in advance of the two-year deadline. Volunteers have contributed several hours to SMRC projects such native oyster restoration and Fidalgo Bay Day. Other partnership project involvement includes activities with the stranding network, marine invasive species monitoring, COASST seabird mortality surveys, restoration and monitoring with Skagit Fisheries Enhancement Group, monitoring plastics regionally to inventory the amount of plastics in Puget Sound, and more. There are currently 49 WSU Beach Watchers who are active in Skagit County.

2009 WORK PLAN

SMRC will continue supporting the WSU Beach Watcher program. The next training is scheduled for Mar 17-May 1, 2009. The 2009 WSU Beach Watchers Lecture Series will run from January - April 2009. Starlight beach walks are scheduled for January and February and are co-hosted with People for Puget Sound.



TASK 7: WSU Shore Stewards Workshops

Project Lead: Ivar Dolph

NWSI Benchmarks: Education/Outreach

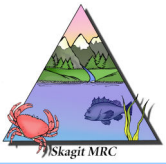
2008 ACCOMPLISHMENTS

SMRC partnered with WSU Beach Watchers to host a series of shoreline landowner workshops. Skagit Shore Stewards enrollment has increased 28% since January 2007 (bringing the total number of local Stewards to 83). The workshops educate the shoreline landowners on the importance and application of a few habitat-friendly concepts and helps create healthier waters and shores for birds, fish and wildlife. A shoreline workshop has been organized for January 24, 2009 on Guemes Island targeting Guemes and North Fidalgo Island residents. Pre-registration indicated that over 35 people planned to attend. Another workshop is currently being organized for early March in Shelter Bay/La Conner. Each new Shore Steward will be sent a "welcome packet", which will include a "Guide to Shoreline Living" booklet outlining 10 best management practices for shoreline residents, the educational DVD "Shoreline Living: Protecting our Shorelines and Puget Sound," and a shore stewards sign (if requested).

2009 WORK PLAN

SMRC will continue its partnership with WSU Shore Stewards to provide shoreline landowner workshops. A workshop is scheduled for January 24, 2009 on Guemes Island. A second workshop will be scheduled for early March 2009 in Shelton Bay/La Conner.





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TASK 8: Ship Harbor Signage

Project Lead: Paul Dinnel

NWSI Benchmarks: Education/Outreach

2008 ACCOMPLISHMENTS

SMRC partnered with the City of Anacortes to design and install one or more interpretive signs that will focus on the marine shoreline environment. The signs will be placed at the Ship Harbor on Fidalgo Island, adjacent to the WA State Ferry dock. The City initiated the designing process in 2008. The interpretive signage will increase public awareness on the importance of marine resources and the threats that impact them.

2009 WORK PLAN

After the final design is approved, the City will install one or more interpretive signs at Ship Harbor that will focus on the features, functions, and values of the marine shoreline environment. SMRC will recruit volunteers to monitor the signs at least two times to answer questions and evaluate the effectiveness of the signs by estimating the number of people reading the sign.

TASK 9: Native Oyster Restoration

Project Lead: Paul Dinnel

NWSI Benchmarks: Marine Life
Sound Science

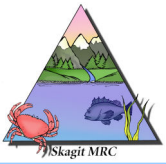
2008 ACCOMPLISHMENTS

SMRC partnered with Shannon Point Marine Center to monitor and evaluate the success of the previous six years of native oyster restoration efforts in Fidalgo Bay. Oyster shell bags were placed at intervals along the trestle in Fidalgo Bay in 2006. The oyster shell bags were sampled for natural native oyster recruits during the summer of 2007, all appeared to be native. Thirty more bags of clean oyster shell were placed in and around Fidalgo Bay during the summer of 2007. The thirty bags were sampled during the summer of 2008 to assess natural oyster recruitment and dispersal range. A substantial settlement of native oysters was observed in additional areas surveyed in 2008. Paul Dinnel, the SMRC lead for this project, presented oyster restoration work in Fidalgo Bay at the Second West Coast Native Oyster Restoration Workshop and published a manuscript on the SMRC native oyster project in Journal of Shellfish Research.

2009 WORK PLAN

SMRC will continue to coordinate the recruitment, training, & supervision of WSU Beach Watcher volunteers in monitoring the survival, growth, and dispersal of native oysters. The survival and growth data will be evaluated to determine the success of the six years of oyster restoration efforts in and around Fidalgo Bay.





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TASK 10: Fidalgo Bay Contaminant Assessment

Project Lead: Christine Woodward
NWSI Benchmarks: Sound Science
Marine Water Quality

2008 ACCOMPLISHMENTS

SMRC partnered with the Samish Indian Nation to collect water quality data in stormwater outfalls flowing into Fidalgo Bay. A sampling protocol and QA/QC was completed. The goal of this project is to provide a snapshot into what types and quantities of contaminants are being introduced into Fidalgo Bay and determining the overall health of the waters entering the Bay. Water samples were collected during a total of four sampling periods (summer, fall, winter and first rain event) in 2007 and 2008. Water samples were tested for nutrients, metals, and pesticides. Preliminary data analysis indicates that nutrient inputs to Fidalgo Bay may be at levels that warrant additional data analysis and collection to better understand nutrient loading into the Bay.



2009 WORK PLAN

This project will conclude in June of 2009. With approval of redistributing funds from the Whitmarsh project, an additional round of sampling will take place in 2009. The Samish Indian Nation has applied for Puget Sound Partnership Tribal funding to expand nutrient data collection to 25 stormwater outfalls beginning in June of 2009 through June 2010. Supplemental information from this study will be added to the already existing database for baseline water quality information that has been gathered by this program for the past two years.

TASK 11: Fidalgo Bay Day

Project Lead: Erica Pickett
NWSI Benchmarks: Education/Outreach

2008 ACCOMPLISHMENTS

SMRC helped sponsor and organize the fifth annual Fidalgo Bay Day event which took place September 20, 2008 at Seafarer's Park in Anacortes. Hundreds of people managed to brave the cold-wet weather to attend this year's educational event. More than thirty organizations and fifty volunteers provided food, activities for kids, and marine environmental education. There was an electric vehicle display as well as a paddleboat pool, fish prints, face painting, a marine sea creature touch tank, samples of local chowders and shellfish, and a delicious barbecued salmon lunch. Fidalgo Bay Day helps to increase public awareness of the marine environment and the creatures that live there.

2009 WORK PLAN

SMRC will continue supporting and organizing this popular annual event. The next annual Fidalgo Bay Day will be held at the Samish Indian Nation RV Park.

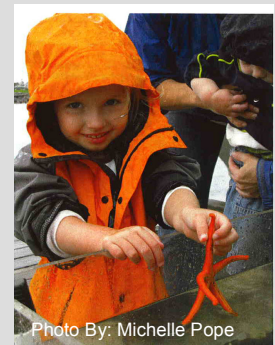
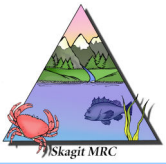


Photo By: Michelle Pope



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TASK 12: *Spartina* Survey/Removal

Project Lead: Keeley O'Connell

NWSI Benchmarks: *Marine Habitats*
Education/Outreach

2008 Accomplishments

SMRC partnered with the People for Puget Sound to organize one large community based educational *Spartina* Dig Day and to conduct training and kayak based surveys for invasive *Spartina* in Skagit County. The 10th Annual Skagit *Spartina* Dig Day took place June 7, 2008 at Swadabs Park on the Swinomish Reservation. The 38 volunteers who were trained in *Spartina* identification were provided with training packets which included *Spartina* identification cards, handbooks, and contact information to report any future sightings. Volunteers also learned about the importance of native marsh plants and how *Spartina* invasions have damaged bird and fish habitat at this park. The 38 volunteers contributed 157 hours (a contribution equivalent to \$2,596.78) of service during *Spartina* Dig Day. An estimated 10 sq meters (1.5 cubic yards of *Spartina* above and below ground mass) were removed from approximately four acres of the site. The majority of the noxious grass consisted of small (seedlings to 0.5m) clones and three larger 1 sq. m clones. Digging has been shown to be an effective control technique at a site like Swadabs Park where the infestation consists of small clones spread throughout the site.

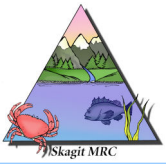
In 2008 *Spartina* survey protocols were standardized and utilized across all counties. People for Puget Sound volunteers and staff conducted 3 trainings and 7 surveys in Skagit County. The first kayak-based *Spartina* survey training was held in La Conner on June 28th 2008. Volunteer kayaker surveyors were recruited from clubs such as the Hole in the Wall and several kayak outfitter stores. 11 Volunteers contributed 123 hours (equivalent to \$2,034.42) surveying a total of 25.2 miles of Skagit shoreline throughout the summer. The *Spartina* locations were mapped using GPS & GIS. Approximately 90 square meters of *Spartina* was found and treated. Skagit County was the site for more surveys than any other county this year. The successes of this year's program, including important finds of previously unknown *Spartina* infestations in Whatcom and San Juan County, clearly indicate that there is an important role to be played by volunteer-based surveys.



2009 Work Plan

SMRC will continue to provide support of the *Spartina* Dig Day. It is important to continue educating Skagit residents on the impact the invasive *Spartina* has on native plants and wildlife, how to identify it, and what they can do to help in the eradication effort. In addition, involving the community in removing non-native *Spartina* will allow estuarine habitat to recover, increase the productivity of the estuaries, and provide more habitat for native species. Training volunteers in surveying and mapping *Spartina* will help us to identify and prioritize shoreline habitat restoration needs. The 2009 *Spartina* Dig Day and surveys have not been scheduled yet.





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TASK 13: Lone Tree Pocket Estuary Restoration Monitoring

Project Lead/s: Charlie O'Hara

NWSI Benchmarks: *Sound Science
Marine Habitats
Marine Life*

2008 ACCOMPLISHMENTS

SMRC partnered with the Swinomish Tribal Community to analyze the success of marine habitat restoration efforts by monitoring the use of the pocket estuary by salmonids. The Swinomish Tribe collected data from fyke trapping the stream channel and beach seining inside and outside the estuary two times pure month during the salmon out migration season (Feb-Oct) in 2007 and 2008. Data collected will be evaluated to determine the impacts and benefits of restoring the Lone Tree Point estuary on fish communities. Preliminary data show that juvenile salmon utilize the restored pocket estuary site. It is anticipated that this project will further knowledge of the role of pocket estuaries play in the life cycle of juvenile salmonids and other estuarine species.

2009 WORK PLAN

The Swinomish Tribe will provide a final report and present the results to the SMRC by June 15th 2009. Through another funding source, post restoration monitoring will continue through the 2009 salmon out migration season.



TASK 14.1: Water Quality (Car Wash Kits)

Project Lead/s: Lori Kyle

NWSI Benchmarks: *Marine Water Quality
Education/Outreach*

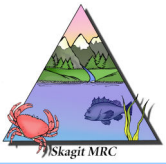
2008 ACCOMPLISHMENTS

The SMRC partnered with the Skagit Conservation District to initiate a County-wide outreach program to provide car wash kits to the public works departments of the six main cities of Skagit County, plus the Skagit County Public Works Department. The kits will be available for groups to borrow, free of charge, for carwash events. The purpose of the kits is to redirect the gray water, including dirt, phenols, heavy metals, and detergents from the storm water system to either a sanitary sewer or a grassy area. Using the kits would also allow fundraiser groups to comply with the Washington State Clean Water Act. In addition, the Car Wash Kits will also educate a large audience regarding ways that individuals can help protect our water resources.

2009 WORK PLAN

The SMRC will purchase seven kits and produce additional materials (signage, brochures, litter bags, fact sheet, DVD) to distribute to the City and County Public Works departments in Skagit County for the outreach campaign.





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TASK 14.2: Water Quality (Smart Sponge)

Project Lead/s: *Paul Dinnel*

NWSI Benchmarks: *Marine Water Quality
Education/Outreach*

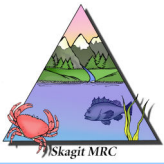
2008 ACCOMPLISHMENTS

The SMRC has partnered with the City of Anacortes and Skagit County's Public Works Departments to initiate a demonstration project on the use of Smart Sponge[®] oil filtration units for storm drains. SMRC partners (public works departments) will assist with the installation, maintenance, and monitoring of the units. Smart Sponge[®] technology has been proven effective in various previous projects for removing high percentages of oil, bacteria, metals and debris from storm water entering urban storm drains. Smart Sponge[®] Filter Units will fully encapsulate recovered oil, resulting in a substantially more effective response that prevents absorbed oil from leaching. The Smart Sponge[®] is also capable of removing low levels of oil from water, thereby successfully removing sheen. In addition, the Smart Sponge[®] remains buoyant in calm or agitated water, permitting it to remain in place until fully saturated and resulting in no wasted product. Once oil is absorbed, the Smart Sponge[®] transforms the pollutants into a stable solid for easy recycling or disposal. As a demonstration project, public education will also be provided about these units in the form of signage. We will monitor factors associated with maintenance, longevity and ease of use several times per year. In 2008 the MRC assessed storm drains around Anacortes and Mount Vernon and selected a variety of drains for Smart Sponge[®] treatment.

2009 WORK PLAN

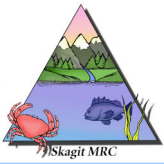
SMRC will purchase Smart Sponge[®] units from the distributor who was selected based on the lowest bid. Smart sponges[®] will be installed at the following locations: the City of Anacortes Senior Center, the Anacortes Depot, Anacortes theater parking lot, the Corner of Commercial and 9th Ave. in Anacortes, and the Skagit County's Public Works parking lots. Selected Smart Sponge[®] locations will be labeled with signs or stencils to inform the public about this project. Installation, maintenance, and monitoring will be carried out jointly by SMRC volunteers and City and County personnel.





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2008 SMRC Projects	NWSI Benchmarks				
	Marine Habitats	Marine Life	Marine Water Quality	Sound Science	Education and Outreach
Task 2: North Fidalgo Island Drift Cell Analysis	•			•	
Task 3: Whitmarsh Pocket Estuary Restoration (dropped this project)	•				
Task 4: Port of Anacortes Beach Enhancement	•		•		•
Task 5: LID Workshops & Demonstration Project			•		•
Task 6: WSU Beach Watchers Support					•
Task 7: WSU Shore Stewards Support					•
Task 8: Ship Harbor Signage					•
Task 9: Native Oyster Restoration		•		•	
Task 10: Fidalgo Contaminant Assessment			•	•	
Task 11: Fidalgo Bay Day					•
Task 12: <i>Spartina</i> Survey & Removal	•				•
Task 13: Lone Tree Pocket Estuary Restoration Monitoring	•	•		•	
Task 14: Water Quality (Cat Wash Kits & Smart Sponge)			•		•



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2008 Skagit County MRC Members

SMRC Member	Interest Group
Tracy Patton (Staff Support)	Skagit County Public Works
Paul Dinnel	Marine Scientist Shannon Point Marine Center
Charles O'Hara	Swinomish Tribe
Lawrence Joseph	Sauk-Suiattle Tribe
Kevin Bright	Marine Dependent Industry
Ivar Dolph	Concerned Citizen
Polly Fischer	Sports Fisherman
John Giboney	Tesoro Refinery
Jim Ramaglia	Divers/Marine Resource
Erica Pickett	Marine Dependent Business
Lori Kyle	Commercial Fishing/ Skagit Conservation District
Keeley O'Connell	People for Puget Sound
Kari Odden	Skagit Land Trust
Connie Thoman	Port of Anacortes
Paul Sund	Scientist
Scott Schuyler	Upper Skagit Indian Tribe
Christine Woodward	Samish Tribe
Neil Borman	Scientist
Betsy Stevenson	Skagit County Planning and Development Services
<p align="center">Alternate Members</p> <p>The following people are alternate SMRC members who may represent the SMRC member associated with a special interest group in his or her absence:</p>	
Jennifer Weeks	Samish Tribe Alternate
Aundrea McBride	Swinomish Tribe Alternate
Michelle Myers	Upper Skagit Indian Tribe Alternate



NORTHWEST STRAITS
marine conservation initiative

