

**Jefferson County Marine Resources Committee  
WSU Extension, Port Hadlock, Washington  
February 5, 2008 Meeting Minutes**

**Present:**

Michael Adams, District 3, Chair  
Hyatt Barnes, Recreation  
Hal Beattie, District 3, Chair  
John Cambalik, *ex-officio*, PSP  
Judy D'Amore, Environment  
Caroline Gibson, Marine Science Practitioner  
Anne Murphy, District 2  
Tony Petrillo, Alternate – District 2

**Absent:**

Larry Crockett, *ex officio*, Port of Port Townsend  
Joth Davis, Commercial Interest  
Robin Downey, Alternate - Commercial Interest  
Phil Johnson, *ex officio*, Jefferson County Commissioner  
Steve Lewis, Alternate – Recreation Pending  
Andrew Palmer, District 2  
Pat Pearson, WSU Extension  
\_\_\_\_\_, *ex-officio*, U.S. Navy, Indian Island  
Jadyne Reichner, Water/Beach Watchers ( Pending)  
Judy Surber, City of Port Townsend, NWS Rep  
Tod Wakefield, District 1

**Guests:**

David Aho, USCG Auxiliary Flotilla 41  
Aleta Erickson, Jamestown S'Klallam Rep., Clallam MRC

**Staff:**

Gail Bernhard, Meeting Recorder  
Gabrielle La Roche, Marine Science Practitioner

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
INTRODUCTIONS/ CALL TO ORDER (Michael Adams)	Chair Michael Adams called the meeting to order at 6:05 PM.	Due to the lack of a quorum, those present declared themselves to be a committee of the whole, allowing actions taken to be later approved by a quorum.	Chair Adams – confirm actions when quorum present
AGENDA APPROVAL (Michael Adams)	The agenda was approved, with no additions/changes.		
APPROVAL of MINUTES	Minutes for the January meeting were deferred until the following meeting.		Gail Bernhard –distribute January minutes draft.
SEA PARTNERS PRESENTATION (David Aho, USCG Auxiliary, Flotilla 41)	<ul style="list-style-type: none"> <li>Slide presentation covering public outreach and enforcement work of the Coast Guard &amp; Auxiliary with regard to environmental issues</li> <li>Historic overview of marine-related environmental law since the 1800s</li> </ul>		
PLASTICS IN THE MARINE ENVIRONMENT (Anne Murphy, PTMSC)	<ul style="list-style-type: none"> <li>Slide presentation entitled The Plastic Sea showing the plastics “issues” and many examples of impacted sea life</li> <li>Description of the MSC two pronged research/education citizen science/schools project funded by a grant from DOE. It involves a marine plastics study &amp; monitoring throughout Puget Sound, as well as various educational components.</li> </ul>		
PUGET SOUND PARTNERSHIP REPORT (John Cambalik)	<ul style="list-style-type: none"> <li>Upcoming Meetings</li> <li>Action Agenda status &amp; workshops</li> <li>Inventory deadline extension</li> </ul>		
NWSC REPORT (Tony Petrillo)	<ul style="list-style-type: none"> <li>Ginny Broadhurst NWSC Executive Director appointment</li> <li>Upcoming meeting plans</li> <li>Coastal MRCs</li> <li>2008 Budget</li> <li>NWSC Retreat – February 26, 2008</li> </ul>	•	
COMMITTEE PROJECT REPORTS (Committee Chairs)	<ul style="list-style-type: none"> <li>Oly Oyster</li> <li>Eel Grass</li> <li>Shoreline Protection</li> <li>Possible new web method (blog)</li> </ul>	<ul style="list-style-type: none"> <li>Eel grass – Diver waiver form</li> <li>Shoreline Protection Project still needs a Chair and to be re-convened. Some tasks due in June</li> </ul>	Exec. Committee – follow up  G. LaRoche – send out blog web site URL and info
PROTECTION ISLAND RESERVE (Gabrielle LaRoche)	<ul style="list-style-type: none"> <li>Update on Clallam MRC meetings &amp; position on this topic</li> </ul>		Aleta Erickson will e-mail results of next Clallam meeting

Topic	Update or Issue	Decisions/Follow-Up	Responsibility
"NO SHOOTING ZONE" (Michael Adams)	<ul style="list-style-type: none"> <li>• Discussion of Michael Adams recommendation to expand/extend a No Shooting Area under consideration by the BOCC</li> </ul>	<ul style="list-style-type: none"> <li>• No official MRC support</li> <li>• Individuals may sign letter outside of MRC meeting time</li> </ul>	
STRATEGIC PLANNING	<ul style="list-style-type: none"> <li>• Review of section 2 draft prepared by Gabrielle.</li> <li>• Minor amendments noted</li> </ul>		G. LaRoche – Draft sections 3 & 4 for March meeting
OBSERVER COMMENTS	<ul style="list-style-type: none"> <li>• People for Puget Sound meeting at PT Community Center on Feb 6.</li> </ul>		
FUTURE AGENDA PLANNING ( ALL)	Next Regular Meeting – March 4 at WSU, Port Hadlock		
ADJOURNMENT	The meeting was adjourned at 8:12 PM.		

### **CALL TO ORDER/INTRODUCTIONS – Michael Adams**

Chair Michael Adams called the meeting to order at 6:05 PM indicating that, in the absence of a quorum, those present would proceed as a committee of the whole until such time as a quorum is reached. (A quorum was reached at 6:12 PM).

### **OBSERVER COMMENTS – None**

### **AGENDA**

The agenda was approved, as written, all in favor.

### **APPROVAL OF MINUTES**

Distribution and review of the January minutes was deferred until the next meeting.

### **PRESENTATION -- SEA PARTNERS PROGRAM**

by David Aho, representing the U.S. Coast Guard Auxiliary

Mr. Aho explained that in addition to its well known service operations including sea rescues and law enforcement, the Coast Guard also has marine environmental and safety programs. Sea Partners is a program of environmental education and outreach to the community. In an effort to reach individuals and communities, they speak to groups such as the MRC, city governments, and schools. It is a proactive innovative aspect of the Coast Guard compliance mission. He pointed out that the enforcement aspect of much federal environmental regulation is the responsibility of the Coast Guard. The Coast Guard has recognized that, for example, prevention of oil spills is much easier than clean up. Therefore, the focus since the late 1990s has been outreach to any organization with interest and potential impact on the marine environment. Their aim is also to help mitigate any problem or damage that is already present.

Goals include: increasing compliance with the laws; raising awareness regarding discharge of pollutants by inspecting boats, as well as periodic checks of land sources. They also aim to increase the level of spill reportage. He mentioned Coastal Watch, a citizen's action network, and briefly described procedures for calling in spills.

The education/outreach program covers aesthetic, economic, safety and marine health impacts. He showed sample slides of sea turtles, birds, fish and manatees destroyed by discarded plastics, fishing lines, nets and speeding boats.

Mr. Aho showed slides of recent oil spills in the South Sound and San Francisco areas. He traced the history of US laws/regulations, as well as international agreements related to the work of the Coast Guard. He said that U.S. environmental laws are categorized into those related to dumping (oil, chemicals, sewage, debris) and vessel abandonment. Operation Trash Compactor finds derelict vessels in the Olympic Peninsula area, then photographs, reports and monitors them. Prevention of sinking is prevention of oil spills.

He discussed their work with vessel and facility standards, which define required equipment on vessels and engineering standards such as double hulls for large tankers. He noted, however, that even vessels with double hulls have caused some large leaks. A third category of regulation deals with species protection, as with orcas in this area, for which the Coast Guard has secondary responsibility.

He noted that laws have evolved over time, often prompted by serious accidents or cumulative negative environmental impacts. He briefly traced the evolution of laws from steamboat days in the 1850s up through the present. He walked through the history of surface and subsurface refuse and water pollution controls, including the regulations for recreational vessels and house boats. The Coast Guard is also involved in enforcement of the Marine Protection, Research and Sanctuaries Act passed in 1972; this regulates ocean dumping, the MARPOL (marine pollution) sticker permit program and makes it illegal to dump plastics anywhere in the world. Mr. Aho also briefly described the scope and implementation aspects of the Marine Mammals Protection Act, the Endangered Species Act and the Clean Water Act dating from the 1970s.

Proper installation of secured MSDs (marine sanitation devices) is enforced by the Coast Guard. He said that this regulation has led to the installation of free pump out stations in almost all marinas in the state of Washington.

The Canadian & US jointly managed Vessel Traffic Service (formed under the Port and Waterway Safety Act) is aimed at safe passage of tankers and other large vessels, for example through the Strait of Juan de Fuca and throughout the Puget Sound area. Various other examples of safety and environmental protection regulations and practices were mentioned.

Mr. Aho talked briefly about MARPOL restrictions and requirements. CERCLA (Comprehensive Environmental Response, Compensation and Liability Act) and Superfund Site highlights were mentioned. The National Response Center was established with provisions to coordinate and dispatch spill response and containment nationwide.

He described the Coast Guard educational work related to invasive species detection and controls, and reviewed basic protocols being communicated to boaters. He referred to the Non-indigenous Species Prevention and Control Act, 1990, citing examples such as club tunicates and the Asian jumping carp.

Mr. Aho closed with brief descriptions of more recent laws, i.e. the Oil Pollution Act, the Clean Vessel Act, Abandoned Barge Act, Invasive Species Act, and the Federal Water Pollution Prevention Control Act. He noted that despite all the regulation, more oil flows down drains every year than was spilled by the Exxon Valdez. He said a single quart of oil can create a slick that covers eight acres. Former use of detergents caused surface oils to sink to the bottom, which practice is now heavily fined. He said Americans discard enough oil each year to fill six super tankers; presumably, a portion of this recycled/reprocessed. Other statistics cited were: 60,000 bags are used in the U.S every five minutes; 0.5 million plastic bottles are drained every hour; and 4.3 pounds of trash is generated per person per day; 25 billion cups are discarded each year. He mentioned the ubiquitous Styrofoam balls/fragments found in the remotest parts of the world.

In closing, he said that the Sea Partners program is a public marine environment education and outreach program, with a focus on the prevention. Major objectives are to raise awareness, increase compliance, prevent discharge and increase reporting. The Coast Guard Auxiliary is now assuming many of the education/outreach functions of the regular Coast Guard, including work with children and schools. He quoted the newer mantra: recycle, reduce, reuse and *re-think*.

## **PLASTICS IN THE MARINE ENVIRONMENT – Anne Murphy, PT Marine Science Center**

Before beginning her presentation, Anne Murphy invited everyone to attend a presentation on Climate Change by author Charles Wohlforth (The Whale and the Super Computer) sponsored by the Marine Science Center on Saturday, February 9 at 4:00 PM. Leaflets announcing the presentation were distributed.

Anne Murphy said that the Marine Science Center is launching a plastics awareness campaign, funded by the Department of Ecology. She would be interested in any possible partnering opportunities with the MRC. This will be a Sound wide campaign, i.e. not limited to Jefferson County.

Anne said her interest in plastic was piqued by the discovery of nerdlles on the beach at the MSC several years ago (2004), which had washed away by the following day. She showed a small bag of pre plastic production pellets (also known as nerdlles) that are used for re-melting and reforming into plastic products. She pointed out the variations in color, which are caused by exposure to different sea and light conditions, which are also clues as to where they have been and how long they have been “traveling”.

Anne described the background of this project. She and an associate visited Los Angeles where they met Captain Charles Moore, discoverer of the great garbage patch in the northeast Pacific gyre. They began to work with Algalita, and were successful in obtaining an Ecology grant.

The title of her slide presentation is The Plastic Sea. It describes the project sponsored jointly by the Port Townsend Marine Science Center and Algalita Marine Research Foundation in Long Beach, CA.

“Plastic seemed a wonderful thing when it was first found to have all these great qualities.” She showed examples of quotes and photos from the 1950s and excitement about throw away living. Plastic is persistent. It does not degrade; it photo-degrades. Nothing can digest it. She showed the increases in plastic production for the past 50 years.

In a throw away society, where is “away”? Fifty percent of plastic created in the U.S. ends up in a dump; 20% is made into durable goods; 5 % is recycled; 25% destination unknown. However, 60% of the marine debris around the world is plastic.

Most of the debris originates from our use: disposable packaging; 20% from shipping, fishing, illegal dumping; 80% is runoff in the water systems where we live and work. Anne said that one of the motivations for taking on the project is to communicate that there are things that everyone can do to improve the situation. She explained gyres: ocean water and wind patterns, low and high pressure areas, where currents circle round and round. She described and showed the study area set up by the Algalita staff in the north Pacific gyre, between the U.S and Japan. By trolling the area, they collect, analyze and determine the amounts of plastic. The size of the “garbage patch” in the northeast Pacific is said to be twice the size of Texas; huge and growing. By weight, there is six times as much plastic as live zooplankton material (zooplankton estimated at 3 million tons in 2001).

Anne described how the small colorful plastic debris is attractive to wildlife and therefore readily enters the food chain. Her sample pellets show the variation in color from white when new to darker and darker over time. Persistent organic pollutants (p.o.p.s) adhere to the pellets. She mentioned the Japanese scientist Takada and his work on the biology and biochemistry of plastics in the food chain. He has established an international pellet watch and collects pellets found and sent from all over the world, and they are now pervasive on virtually all world beaches. Michael Adams added that some polymers are very hydroscopic and carry more “p.o.p.s”.

The MSC has been inspecting nine beaches in Jefferson and King Counties for the past year and a half, to determine if there was a case in Puget Sound. Nurdles were found on most beaches. She briefly described the protocol and use of sifters. She also referred those interested to the International Pellet Watch web site. She said certain beaches that are major deposit points along the gyres can be literally all plastic.

The project includes collecting information on impacts on species, benthic interfaces, absorption of pollutants, and plastics as substrate for invasive species, and an education campaign as to what positive steps can be taken. There are two prongs: one for citizen science and one for schools.

Anne Murphy talked about the difference between recycling and down-cycling. Plastic is down-cycled to lesser products, with only a small portion of it actually being re-used. The MSC was asked to participate in hearings about three bills that are currently before the state legislature: one would eliminate plastic bags in Washington State; one would eliminate plastic bottles one quart or smaller in size; one imposes requirements on take-out containers. She said that testimony was about 60/40 against these bills, primarily because of industry concerns about weight and costs for glass versus plastic. She cited Kurt Ebbesmeyer, “Fragmentation of a one liter plastic bottle in the sea will cover every one mile of beach around the world” [meaning???]. Even China has proposed a tax on plastic bags to discourage their use. In Ireland, plastic bags were eliminated in 2002 by charging 33 cents for every bag. San

Francisco has banned the use of plastic bags. Michael Adams noted the complexity of plastics chemistry. For example, plastic milk jugs can be broken down into paraffin wax, which is fairly harmless when burned. Other polymers break down into toxic compounds.

Anne returned to the citizen science prong of the project. She said the protocol used by CA does not seem appropriate for Puget Sound. She is seeking collaboration to develop a beach sampling protocol. Initially, sampling will be done in ten counties with eventual training of volunteers in all Puget Sound counties. There will also be bolus study from gulls on Protection Island; Cinnamon Moffitt, former MSC staff member, will be undertaking this study as part of her graduate research. [Mike Adams suggested that the plastics department at Western (WWU – Claude Hill) has facilities for analyzing collected polymers and can report on the actual chemical composition.]

Anne Murphy described plastic collection at Marrowstone Point. The beach was checked twice a week for the month of December 2007. The collected trash, including plastics, is on display at the exhibit. Quantitatively, the collected debris consisted of 76 pounds of plastic, not including Styrofoam filled tires. Currently, under the grant, they are also bringing in students to learn about these issues, including examination of bird bolus contents. Each school class is asked to compose their own pledge related to caring for the environment. Guest speakers will also be scheduled.

She briefly discussed biodegradable plastics, and noted the conditions needed for decomposing, particularly light, heat and aeration. The economics of bioplastic and biofuel production is also an issue, because of the impacts on the food production/supply costs.

Anne Murphy noted that Chrissy MacLean, Marine Program Coordinator, is the lead on this project, which is just one of many programs and activities at the Marine Science Center. MRC members thanked Anne for the informative presentation. Gabrielle LaRoche said she and Anne were considering ways in which the MRC could interface with this project, and welcomed suggestions from the committee.

Judy D'Amore inquired of David Aho if there were standard procedures for tracking and reporting the large shipping containers and what happens when one is dropped or lost at sea. Mr. Aho said he did not know if the containers are eventually picked up. Judy recalled that Kurt Ebbesmeyer had said that a substantial amount of debris comes from dropped containers, but there is no enforced requirement for recovery or liability for the debris and damage. Michael Adams noted that maritime law in international waters is different, and these instances are just treated as insurance losses. Mr. Aho said dropped or lost plastics would be covered under the MARPOL agreements, but enforcement is obviously a difficult issue. Judy suggested that if the penalties were set appropriately high, shippers would find the means to control these drops and losses of containers. Tony Petrillo noted that with the cost of GPS technology dropping, it could be affordable to track each container for eventual retrieval, possibly even spawning a new salvage industry.

## PUGET SOUND PARTNERSHIP REPORT – John Cambalik

John Cambalik thanked MRC members for the support they had given during the period of transitional uncertainty at PSP.

The main focus at the Partnership is the development of the Action Agenda and that will continue until completed in about September, 2008. There will be a prominent public awareness campaign beginning soon. Another important emphasis right now is work by the Budget Director on accountability.

Action Agenda – John said he was pleased by the attendance at the Strait workshop, and would like to hear feedback on that from MRC members who attended. The workshops were funded not by PSP, but through \$50,000 DOE grants related to watershed integration that had been arranged prior to formation of the Partnership. The first phase of workshops were directed toward complementing the Action Agenda phase of Inventory/Synthesis that is currently taking place. He referred to his e-mail earlier in the day announcing the Inventory deadline extension to February 29. A ‘pdf’ online form to input/capture the data is available at the web site; format should be the same as the paper version of the forms. Either method may be used; spreadsheets should be e-mailed to the address indicated, not to John Cambalik.

Next steps will include another series of workshops in the first week of March. Gabrielle noted that everyone is welcome, but she and Pat Pearson had arranged to cover the Strait and Hood Canal events/meetings, respectively. The Status and Threats Analysis from the scientific groups, regionally and action area focused, will be the subject of these workshops. Feed back will be sought on how to make the Status and Threats Analysis more robust. Also, discussions will begin on setting criteria for priorities. Display set ups will be recruited for the evening sessions to provide background and introductory material for the general public. The intention is to broaden outreach and inclusion of groups that have not been part of the traditional audience for these matters.

Another set of workshops will follow in May: What is on Track? (based on status and threats) and What Do We Need to Do in the Future? How Do We Set Priorities? During the summer, there will be a series of public outreach efforts and public events to publicize/promote the Action Agenda.

He also mentioned that because the Action Agenda will function as the federally recognized recovery plan for Puget Sound, there must be a public review period which is likely to be in early summer.

Staffing – John Cambalik is the primary liaison for the Strait area, and Duane Fagergren is the primary for Hood Canal. However, John will be attending Jefferson County centric meetings and serving as the contact as appropriate because of distance and familiarity with local issues and participants.

Leadership Councils are being held monthly. The next ECB meeting will be held Friday, February 8. The Status and Threats report will go to peer review within two weeks, with the intention of having it out by the time of the workshops.

John Cambalik also commended the MRC for continuing its work on the Inventory and Strategic Plan.

In response to a question about any progress toward non-profit status that is being formed as part of the legislation, John Cambalik said he did not new information. He said that the matter had been discussed at the Leadership Council meetings; a subcommittee has been formed to pursue that. He added that Council members focused on the Strait and Hood Canal areas are Bill Wilkerson and Dan O’Neal, respectively. However, he suggested that it may be most efficient to contact John first for any PSP questions or issues.

## NORTHWEST STRAITS COMMISSION REPORT – Tony Petrillo

Tony repeated the announcement about Ginny Broadhurst's appointment that he had mentioned at the previous meeting. He said she had spoken at the NWS meeting in Jamestown and encouraged MRCs to develop synergies; travel money is available for that purpose. The NWSC meeting to be held in Jefferson County in March has been moved to May to better accommodate a planned tribute to Andrea Coping. The tribute will take place at the March meeting in Snohomish County. Ms. Coping was not reappointed to the NWSC; her place has been taken by Terry Klinger, UW, a former MRC member from San Juan County.

Coastal MRCs – Tony Petrillo discussed the Coastal MRC senate bill, which is supposed to be funded by WDFW. He said the impression was that this would not fall under the NWSC because of funding issues. Caroline Gibson said she had heard that there may just be one new MRC and that the WDFW had about allocated \$100,000 for that purpose; Jefferson and Clallam are entirely separate.

Budget – The 2008 total is about \$1.4 million. All seven MRCs would have the same budget as last year, with additional funds that can be applied for special projects. An alternate budget scheme would be for all counties to receive the same amount again.

The NWSC Retreat will take place on February 26. Tony Petrillo and Judy Surber will attend.

## COMMITTEE PROJECT REPORTS

OlyOyster Committee Report – Anne Murphy said all the histology should be done in February, so that sampling can be started in March. She said she was hopeful that Joth Davis had sent them in. She said it was great that all the reports had been finished in January and thanked Gabrielle for her efforts.

Eel Grass Protection – Caroline Gibson said she had spoken with the Dive Shop and is attempting to arrange gratis diving help with buoy deployment again this spring. She said she was providing the GPS coordinates and other project information for them. There was a brief discussion about insurance coverage. Gabrielle LaRoche said that divers had been asked to sign waivers in the past. Tony Petrillo said that he had a copy of a form from Kirby Johnson, Snohomish County; he, Caroline and Gabrielle will follow up on that.

Shoreline Protection – Gabrielle reported that the committee had not met, not had set up a meeting date. There is still no chair; the committee needs to be re-mobilized, but members have been traveling or otherwise unavailable. Gabrielle asked who had interest in the committee. John Cambalik indicated he would have little time, but might be able to attend some meetings. Michael Adams said he could attend if scheduled far enough in advance.

Related to this, Gabrielle LaRoche mentioned the possibility of using a particular free, easy blog technology she had learned of from Pamela Roberts to create a more interactive forum for committees to use for projects and other communication. Michael Adams was concerned about inadequate security,

and said he would be willing to help update the existing website instead. They agreed to discuss the options after the meeting. Gabrielle will e-mail the blog link for others to explore as they wish.

#### PROTECTION ISLAND AQUATIC RESERVE UPDATE – Gabrielle LaRoche

Gabrielle reminded that our MRC had been waiting for Clallam MRC to meet, which is scheduled for February 11. They have invited both WDFW and WDNR to attend and to answer questions, including impacts to fishing, tribal impacts, boundaries, etc. She suggested that a Jefferson MRC representative attend and bring back information. Cyrilla Cook's deadline has been extended to February 14. If there is still interest in supporting it, the Executive Committee could manage that by e-mail.

Tony Petrillo said that he had given Kathy Fletcher a sketch showing how he would extend the eastern boundary, but he did not know the status. The extension would be about half way between Cape George and Middle Point. He pointed out the suggested boundaries on the map. Other possible boundary adjustments based on the drift cells were discussed. Aleta Erickson, Clallam MRC Jamestown Tribe representative, explained more about the status from the Clallam point of view. In addition to not having a quorum at the previous meeting, concerns had arisen from the sport fishing representatives about possible restrictions to certain fishing areas. She had done research and agreed with Michael that the designation would not affect fishing. However, there are other outstanding questions which will be taken up with Kyle Murphy, DNR Aquatic Reserve Program Manager and Pat Amatilla ? from WDFW. Some believe the issue is not bed lands but birds on Protection Island and that this may be related to attempts to revive the idea of a Marine Sanctuary in the Strait, which they are opposed to. Tim Cullen, wildlife biologist from Point No Point Treaty Council will also be at the meeting, which will be held at the Clallam County Commissioners meeting room at the Court House in Port Angeles. Meeting is scheduled from 6:30 to 9:00 PM, with one hour for this topic. Since no one from the Jefferson MRC could commit to that time, Ms. Erickson agreed to send results of the meeting via e-mail.

#### RECOMMENDATION TO BOCC ON “NO SHOOTING” ZONE – Michael Adams

Michael explained that the County Commissioners are currently considering a No shooting zone area (shown in green on the handout), and he wishes to extend that area to Bywater Bay (shown in red). The main reason is safety, and the secondary reason is the presence of active nesting sites, both bald eagle and rhinoceros auklet, and a fully functioning estuary with herons and osprey. Various birds and wildlife have been shot there. He said that, as a state park, it is supposed to be off limits, but the Kitsap County Memorial State Park employees who are responsible do not seem to patrol and enforce regularly because of the location. Neighbors have collected 30 signatures; Michael is also seeking MRC or individual support because of the habitat issues. If adopted, shooting there would be a misdemeanor, enforceable by the Jefferson County Sheriff. He said the area is highly residential, and there are also three state parks in the area. The no shooting area would include everything north of the Hood Canal bridge up to section 22 (Paradise Bay). Michael Adams said there had been two near misses (humans) recently, and that with more people on the beaches, the risks rise.

There was a brief discussion about the desirability of forging good relationships with sports hunters and fishermen. Most members felt it more appropriate to support the measure as individuals than as the MRC. (The petition was circulated for signing after the meeting had adjourned.)

## STRATEGIC PLANNING – Gabrielle LaRoche

An updated draft document had been e-mailed earlier in the day; paper copies were also available.

Gabrielle said the goal for this meeting was to complete part 2, assessment of current conditions, with later sections to be done at subsequent meetings. The draft was gleaned from the October 2007 meeting and sources shown at the bottom of the section. This deals with the area, the key marine habitats, the degradation of features, processes and functions by specific categories, with references to the SMP Inventory and Characterization report.

In review of the document, the following changes were suggested:

- Correct spelling of ‘debris’.
- Rewording: .... Development of shorelines in the County *varies* from \_\_\_\_ to \_\_\_\_\_,
- Check functioning in tables: use more specific wording or percentage, rather than some or many
- Page 3, paragraph 3; remove reference to west County and clarify
- Regarding “reduce channel complexity”, place estuarine in parentheses
- /Question about prograding estuary – means filling out (no change)

Members expressed their appreciation to Gabrielle for her work on this draft.

## OBSERVER COMMENTS

Al Bergstein invited everyone to the People for Puget Sound event at the Port Townsend Community Center the following evening.

## FUTURE AGENDA PLANNING

March 4 WSU Extension, Port Hadlock

## ADJOURNMENT

Chair Michael Adams adjourned the meeting at 8:12 PM.