



SAN JUAN COUNTY
**MARINE RESOURCES COMMITTEE &
 CITIZEN'S SALMON ADVISORY GROUP**
MEETING AGENDA



Wednesday, January 3, 2017

8:30 AM-10:30 AM [Internet Live Stream Link begins at 8:30](#)

Legislative Hearing Room

55 Second Street - Friday Harbor, WA

Marine Resources Committee
 and Salmon Citizen's Advisory Group

Watershed Regional Inventory Area (WRIA) #2

8:30 AM	Convene MRC Meeting <i>Terry Turner, Chair</i>
8:30 AM	Citizen Input
8:35 AM	Approval of Minutes 12/6/17 (may be delayed, pending delivery from Chandler)
8:40 AM	Update on New Members Process <i>Terry Turner</i> List of Candidates and Expertise, and Approval Timeline Formation of additional Non-Committee Member Support Group
8:50 AM	Retreat Preparation Discussion – All Review of agenda – Priorities Discussion re: Section Presenters and Topics Discussion of Need for Professional Facilitator – review proposal Draft 2018 workplan Discussion re: Look to the Future – Review 2001 Ordinance and Future Directions
9:20 AM	Orcas Landing Review of progress submittals from Larry Eifert Discussion of review process and guidance for Signage progress- language approval Discussion of fundraising strategy for art for Orcas Landing
9:35 AM	Southern Resident Killer Whale Protection Workshop report and final survey results review Discussion of recommendations to Council
9:50 AM	Nearshore and Pink Abalone Restoration Projects Discussion of strategy for administering funds to implement project designs
10:05 AM	Questions/Citizen Input
	Adjourn MRC Meeting

Salmon Citizen's Advisory Group - AGENDA

Watershed Regional Inventory Area (WRIA) #2

10:10 AM	Convene Salmon Citizen's Advisory Group Meeting <i>Terry Turner, Chair</i>
	Citizen Input
	Approval of Minutes
	Update on Salmon Recovery – Byron Rot, Coordinator
10:30 AM	Adjourn Salmon Advisory Group Meeting, Chair

Upcoming Meetings/Event

Date	Event	Location	Time
1/17/2017	MRC Annual Retreat	Friday Harbor Labs	8:30 AM – 3:00 PM*

SAN JUAN COUNTY
MARINE RESOURCES Committee (MRC) and Salmon Citizen's Advisory Group
Meeting Minutes
Wednesday, January 3, 2018, 8:30 – 10:30am
Legislative Hearing Room
55 Second Street, Friday Harbor, WA

Members Present: Terry Turner – chair, Phil Green, Kendra Smith, Megan Dethier

Members Absent: Patti Gobin, Ken Carrasco, Laura Jo Severson

Staff: Arnie Klaus (MRC Coordinator), Byron Rot (San Juan County Salmon Recovery Lead Entity Coordinator)

Citizens in Attendance: None

****Denotes pre-meeting reading material sent to members with meeting agenda**

Convene MRC Meeting: Terry Turner, chair, called the meeting to order at 8:36am.

Citizen Input: None.

Update on New Members Process: Terry gave an update on the process for recruiting new MRC members. Eight people have been interviewed for current openings. There was a set list of interview questions. During the first interview session, Terry, Megan, Ken and Jamie Stephens from county council six candidates from San Juan Island, and during a second session, Terry, Ken and Jamie interviewed two candidates from Orcas Island. From those interviews, the interview committee provided a list of recommended candidates to county council. There will more interviews and recommendations. There are eight positions to be filled. Terry also noted that the MRC did receive the formal resignation of Craig Wingert, and the committee thanked him for his service and input.

Retreat Preparation Discussion: Terry gave an update. The committee has been working hard to prepare for the annual MRC retreat that is coming up on January 17th. Byron reminded the group that there is homework for committee members to do before the retreat so that the process will be streamlined. Terry suggested having a working group revise the agenda for the retreat after this MRC meeting, and the group agreed.

Orcas Landing Update: Terry gave an update. There still has not been input from tribal representation from the MRC on this project. The group decided to move forward with one of the interpretive panels and wait to gain feedback on the other. The next step will be for the artist to finish the graphic on the panels and then add the text. Terry asked everyone on the committee to think about the text that should go on the panels.

Kendra discussed long-term fundraising for this project. It will be important to create a draw with this project. That will mean going beyond what the county has funded for the project. The MRC will need to find outside sources of funding in order to accomplish this. The MRC should begin to explore ways to generate funds. It will be easier to find funds once the first phase of the project is finished. There will be opportunities at the retreat for committee members to sign up for subcommittees to work on this.

Southern Resident Killer Whale Protection: Kendra gave an update. The workshop summary has been posted on the MRC webpage. This information will be presented to county council at a meeting on January 23rd. There are several actions in the final report that can be taken by the county. It is not clear on some of the actions if the county would have jurisdictional authority, so those points need to be clarified before the county could proceed. Kendra and John Cain will be scheduling a meeting with the prosecuting attorneys and staff here to brainstorm what the county is trying to achieve relative to what the county has the authority to do. Craig Wingert looked at the final report and began to refine it in terms of what possible MRC recommendations might come from the final report. Kendra reviewed the key notes that Craig summarized in his recommendations. There was discussion among members about the items on the list. There will be further discussion and potentially subcommittees assigned to address these topics at the annual MRC retreat on January 17th so that the MRC can create a list of recommendations to county council on January 23rd. Kendra also reported on the proposal for the Marine Mammal Commission grant. The core purpose of this grant is to help facilitate community driven conservation efforts of marine mammals. The grant could be a great fit to what the MRC is currently trying to do in San Juan County. The grant requires matching funds, which the MRC has already from the county. The group agreed that they would like Kendra to submit a pre-proposal.

Nearshore and Pink Abalone Restoration Projects: Kendra reported on the nearshore habitat projects. She has been looking for high priority areas to apply design work for the project to. She would like feedback from members on the process to make this happen. She will get a list of ideas out to MRC members and look for feedback.

Citizen input: None.

*A motion to adjourn the MRC meeting was made by Megan, seconded by Kendra. Motion approved unanimously. **Meeting adjourned at 10:31am.**

Salmon Citizen's Advisory Group,
Watershed Regional Inventory Area (WRIA) #2 Meeting
Wednesday January 3, 2018

Convene Salmon Citizen's Advisory Group Meeting: Meeting called to order by Terry Turner, chair.

Citizen input: None.

Updates: Byron touched on past nearshore projects, mainly an eelgrass replanting project in Westcott Bay that did not succeed due to illness in the eelgrass. There will be another project coming up looking at herring habitat. The committee can decide what kind of project they want to propose.

Byron gave an update on the budget. Salmon recovery efforts could be in trouble if the capital budget doesn't get passed. Half of Byron's funding comes from what is paid out of the capital budget. The other half comes from federal funding that is also from the capital budget. The RCO and the Puget Sound Partnership has been trying to keep the lead entities going. He has funds to carry him through the spring. The future is unknown.

Byron is open to input from the committee about changing the scoring systems for PIAT II projects. Right now, the projects are tiered as tier 1 and tier 2 projects. It makes the projects more strategic, but he needs input on policy impact.

Byron also reported that he is working on a plan for fresh water projects. He will also be working on the salmon recovery chapter update group plan.

***Adjourn Salmon Citizen's Advisory meeting and reconvene MRC meeting:** Motion to adjourn the Salmon Citizen's Advisory meeting and reconvene the MRC meeting was made by Terry, seconded by Kendra. Motion approved unanimously.



SAN JUAN COUNTY
**MARINE RESOURCES COMMITTEE &
 CITIZEN'S SALMON ADVISORY GROUP**
MEETING AGENDA



Wednesday, February 7, 2017
8:30 AM-10:30 AM

Town of Friday Harbor Fire House
60 Second St Friday Harbor
Upstairs Conference Room

NOTE: Salmon Advisory Group will precede the MRC meeting to accommodate the guest speaker's 2 project presentations

Salmon Citizen's Advisory Group - AGENDA	
Watershed Regional Inventory Area (WRIA) #2	
8:30 AM	Convene Salmon Citizen's Advisory Group Meeting <i>Terry Turner, Chair</i> <i>Welcome new members</i>
	Citizen Input
	Approval of Minutes
	Presentation by Tina Whitman
	Update on 4 Year Plan for Salmon Recovery – <i>Byron Rot, Coordinator</i>
9:15 AM	Adjourn Salmon Advisory Group Meeting, <i>Chair</i>

Marine Resources Committee	
9:15 AM	Convene MRC Meeting <i>Terry Turner, Chair</i>
9:15 AM	Citizen Input
9:20 AM	Approval of December, January and Retreat minutes
9:25 AM	Impressions of the January 17 Retreat
9:35 AM	Adoption of Workplan - Subcommittee mid-month meeting confirmation
9:50 AM	Orcas Landing Status of site permitting, Review of language for exhibits
10:00 AM	Southern Resident Killer Whale Protection Advancing actions on SRKW Workshop Update on enforcement, County ordinance, State legislation and BC petition Orca navigation flag see examples – Informal vote of flag preference
10:15 AM	Nearshore and Pinto Abalone Restoration Projects - Kendra Discussion of strategy for administering funds to implement project designs
10:20	Near Term Action Projects Update - Arnie
10:25 AM	Questions/Citizen Input
10:30 AM	Adjourn MRC Meeting

Upcoming Meetings/Event

Date	Event	Location	Time
2/14/2018	Mid-Month Sub Committee Meetings	TBA	
3/7/2018	MRC Monthly Meeting	Town of FH Fire House	8:30 AM – 10:30 AM
4/4-6/2018	Salish Sea Ecosystem Conference	SEA-Convention Center	



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

Meeting Notes 2/7/18

Reminders:

1. A discussion was tabled about recreating an informational placemat detailing eel grass bed location and 16 most commonly hit rocks.
2. The desire was expressed to have the MRC informed of relevant bills being presented at the State level. Lovel and Jamie were tasked with this job.
3. A discussion was tabled about whether the flags for boaters indicating that whales were in the vicinity would attract more boats.
4. The red/yellow flag without the "diver down" stripe was the most popular.

In Attendance: Terry Turner, Jaclyn Fowler, Karin Roemers-Kleven, Byron Rot, Arnie Klaus, Elise Dufour, Megan Dethier, Carl Davis, Jamie Stephens, Toby Cooper, Lovel Pratt, Libby Concord, Kendra Smith, Jeff Friedman, Iva Rife, Tina Whitman

Minutes approved.

Presentation by Tina Whitman

Discussion:

Karin: Are these visits by invitation of the owner?

Tina: Yes. We are very strategic about it. Sometimes we know people in the neighborhood. Sometimes we call. We use data from our surveys. We have this ongoing database of folks. It is all voluntary.

Terry: When I think of conservation easements, I think of "grantee" and "grantor". Who is that in this situation?

Tina: Land Bank. We used to wait for people to call. Now we go after these particular areas.

Terry: How do you expect the pickle weed to do after being rolled up?

Tina: I think it will do pretty well. One of the folks we work with have done a test study where they've dug it up and then carefully put it back. They did one where they rolled it up and threw it back. And they did another study as well. All came out pretty much the same. We will be photo monitoring to see. We did work with one ditch. We put the pickle weed back in that ditch and now you wouldn't be able to find that original ditch.

Terry: Would you expect to see migrating juvenile salmon at Neck Point Lagoon on Shaw?

Tina: Potentially. We are trying to figure out if there is enough justification of potential costs if salmon would come back. Getting those logs out would be important.

Byron Rot – Update on 4 Year Plan for Salmon Recovery

Discussion:

Megan: A little background. A landowner came and said that they wanted to do something about their armoring. That wasn't necessarily best for the ecology. So this project took off.

Tina: We don't want to get rid of armoring and cause damage to homes. Is it feasible and does it do the most good.

Terry: How many of our new members are familiar with PIAT1 and PIAT2?

Tina: Do you have the most recent presentation on the website?

Byron: I can send it out.

Jamie: It's on the website. Both 1 and 2 and the condensed 1 and 2.

Terry: Become familiar with that.

Lovel: Are there any subcategories within those tiers?

Byron: Yes.

Tina: Land owner willingness and opportunity are not shown here. But they are all individually scored, so you can go back to the base data and know the information so that you can know the complexity of each site.

Byron: There is some nuance to it. We want folks to think more broadly than that. There wasn't interest in a system that was more numerically varied. If you want to look specifically at feeder bluffs for instance, you can utilize the database.

Karin: What is involved in protection? Is there a moratorium on new armoring?

Byron: If a landowner has a structure on their property, Fish and Wildlife is required to give them a permit for armoring. There is this perception that the first thing you do when you buy a piece of property on the shore is to build a bulkhead. Sometimes you see people building one where it is quiet and not needed. For instance, with a shoreline forest, those roots are really all you need. There is a lot to be gained from visiting owners and talking with them.

Terry: If you want to see a bad example, the Kitsap Peninsula really destroyed their beaches. If you want to see what ugly looks like. They destroyed their beaches.

Byron: Compared to the rest of Puget Sound, we don't have much. But if you look at the erodible shoreline, it is fairly significant. There is this perception that the San Juans are pristine. This is a myth. We have more to do here. We still have really great habitat here. The Preservation Trust and Land Bank with the Friends are doing much to save this.

Terry: Byron, would you go over the idea that we look for project sponsors and how we might use PIAT?

Byron: In a lot of ways you guys are policy advisors. People will listen to you a lot more than they will listen to me, as their neighbor and their friend. The toughest aspect to doing a project is getting a land owner on board. There are a huge number of people out there who may have a bulkhead or a property that can be protected.

One of the things that is really useful is for you to go down your mental list of who lives on the shoreline. I can pull up PIAT2 and we can see where they are on the tier system. Reach out to Tina or another of our project sponsors and say, I have a friend and we can have GIS or someone else go out and talk to them about an easement. It is a really valuable thing that you guys can do for salmon recovery.

Tina: Byron, you talked about your placeholders. Projects have to be on the work schedule to be open for funding. Those placeholders are there for property owners that fall out of the sky. Those other ones are there for project sponsors. Other people can propose a project.

Megan: The broad listings are place holders.

Byron: One of the strategies for placeholders is that a sponsor could come and say, we're proposing projects in this area. We have some sense that people are interested and they ask for a certain amount of money. They don't identify a particular land owner, but they know that they want to do conservation in that area.

Megan: Does the four year plan only get updated every four years?

Byron: Every year, but this was a larger roll out. There are a lot of new projects.

Terry: It is interesting to me how many different sponsors we have.

Byron: It's nice, but we could always use more. Just as an example, the last two years we have not spent our funding allocation. That is kind of the kiss of death to get your funding lowered. It's really important that we spend our money this year. Watmough Bay may be up for funding. There are family issues, so it is an interesting process. The parents passed away and the siblings don't agree. There is also an issue with a long term renter that was asked to leave, but one of the siblings would like to have return.

Toby: Do you have totals for projects?

Byron: Yes. Some of these are just my best guess. As the project moves through the process, especially after a feasibility study and then moving into construction, those totals can change. Projects \$250,000 and over have to go through a design process before we can make a more finalized construction estimate. It was too disruptive to the legislative budget otherwise.

Terry: There are two kinds of projects here. Boots on the ground projects and then easements and acquisitions.

Byron: Our priority is protection. Restoration is number two. Studies are number three. We have so much wonderful habitat here. We are trying to make sure that we don't lose it all to development. People who have a lot of money are going to do what they want. Really the best way to ensure that property is getting conserved is to do easements or acquisitions. That's what Tina and the Preservation Trust are working on.

Tina: We don't spend a lot of money on easements because most folks end up donating it because it makes more financial sense. Most of our money goes to outreach.

Those easements continue if the property is sold.

Jamie: We were trying to get a property on Reed Harbor which was maybe \$500,000. Sometimes it makes more financial sense to do an easement.

Byron: Protection was secondary for a while because it was just thought that we could only do restoration. That is starting to change.

Tina: We never get things back to how they were. It makes more sense to protect it in the first place.

Megan made a motion to approve. Terry seconded.

Kendra: If something starts to emerge, even though there are placeholders, how do we deal with that?

Byron: There is already a new project not on this list. One of our project sponsors is not a good communicator and sent me a project last week. That is going to be a feasibility study on Lopez. The deadline for people to submit their letter of interest is February 16 before it goes before TAG. You guys are part of that process. You'll come in later during the pre-application process. There is a formal application on May 2 & 3. May 2 is the presentation in the morning, with field trips in the afternoon and possibly the next day.

Terry: Are you happy with your sponsor list?

Byron: Yes, it is really diverse.

Kendra: The question still is, what is the process to insert new projects?

Byron: It is informal. I think that they wanted something up front to work with. It isn't fixed in stone. There will be some tweaks to it.

Vote: All in favor of approving the plan? Vote carried unanimously.

Motion to adjourn meeting. Motion made, seconded, and passed.

MRC Meeting

Toby's Citizen input

Toby: On the ferry with the way over, we had some discussion. I would like to recognize Kevin Ranker's bill on the southern residents. It is precedent setting and sweeping. I don't know what its prospects are, but hopefully it will get something done. What should the MRC be thinking about in terms of this bill? It occurs to me that the MRC is this wonderful nexus of citizens and the County. It can play the part of liaison between the state government and the county. How do we fill the gaps it doesn't cover? It is primarily about enforcement and setting a zone around the pods. But it doesn't take an ecosystem approach. It doesn't provide for forage fish, as the MRC wants to do. It doesn't do the whales any good to have a quiet environment if they have nothing to eat. I want to encourage you to look at how the County can support this effort.

Terry: It's been so long since we've had good citizen input. I would be curious to know how many are familiar with Kevin Ranker's bill?

Karin: How long is the bill?

Group: It isn't very long.

Lovel: And the capital budget has a piece of this bill in it.

Byron: It's amazing how the orca whales have suddenly come on the scene. After twenty years, it is finally happening with chinook recovery. Last summer, suddenly everything is happening.

Jamie: I was talking to the Governor about the task force that the Governor is putting together. Really we need to save the fish. If they can hug an orca by saving the salmon, let's get the public rallied around the cause.

Toby: That is the message. Help the ecosystem recover.

Arnie: That is the new model. Helping the fisherman do sustainable fishing, etc.

Terry: Is it felt that this bill takes on the ecosystem approach?

Toby: No. It is about protection zones for the orcas. The report from the Whale Museum said that there were two big things: harassment and food supply. This bill deals with the former.

Jeff: Setting speed limits dramatically reduces the sound.

Terry: Is it in line with what has been recommended?

Jeff: We are more stringent. The bill says 400 yards, but we say half a mile.

Tina: Do you guys have a subcommittee working on it?

Terry: Yes.

Kendra: With the task force, have you managed to get a local seat on there?

Jamie: The executive order is coming out soon.

Kendra: The other thing in Inslee's budget was for hatcheries for Spring Chinook.

Discussion between Kendra and Tina about some of the hatcheries.

Arnie: To Toby's point, I believe an ecosystem awareness approach is the greater solution. That needs to be the focus, rather than focusing on one particular thing.

Toby: For us it could be an easy job to broaden the perspective. You love the whales, love the fish, too!

Tina's citizen input

Revitalizing protecting the eel grass. Anchor out of eel grass. Boater and community awareness, tideland protection, buoy upgrades, protection tool. Washington State parks has a voluntary no anchor zone that they are looking to revitalize. Eastsound is a voluntary anchor out zone. They also have a dwindling herring population. We want to have the MRC be a partner in these projects.

Terry: As a boater, dropping an anchor is a real pain in the neck. If I knew that there were public buoys, I'd be pretty happy.

Tina: Yes. There is some talk about Blind Bay. The County has some funding for buoys. We're talking about Eastsound. We're not saying, don't boat here. You can attach to the buoy. Boaters are hard to reach. There needs to be a concerted effort.

Carl: Who puts out these buoys now?

Tina: There is one put out by the County. Sometimes you may not even need buoys. If you have good signs, people come back year after year and will get the message.

Carl: At Echo Bay there was a sign asking you not to anchor, but they didn't give you enough information.

Tina: They realized when they did that pilot program that they didn't have enough information. The buoys were intended to say, "don't anchor past this point".

Toby: The topography of Eastsound is such that it looks better to anchor outside Indian Island. The other thing about Eastsound is that it is a wind tunnel. The boating community doesn't really want to anchor there.

Carl: As opposed to Echo Bay on Sucia, where everyone wants to moor.

Kendra: We are looking at updating the buoys at Odlin.

Byron: And I think it's more than just buoys. It's being conscious about what you're throwing overboard, etc. Water quality is really important, too. As a sea kayaker, I've noticed that the water quality goes down when there are a lot of boats around. That is not good for the eel grass either.

Lovel: Is there a way to get this information out electronically, maybe through commonly used apps? Maybe included on charts or through NOAA?

Tina: It is virtually impossible to get things like this on the NOAA chart because they consider the eel grass beds as transitory. But the other apps could work. We already have these maps, so we could provide that to them. There are certainly other platforms. You know how the MRC did the laminated placemat for the 10 most commonly hit rocks? We're going to steal that.

Terry: We are now going to redo it with the 16 most commonly hit rocks. Maybe we could dovetail?

Arnie: Active Captain is one of those apps. They are very approachable.

Carl: Navionics is a huge one, too.

Terry: I think we should put this on our agenda for future discussion and outreach.

Lovel: I wonder if on future agendas, could we include relevant bills?

Terry: Great idea, especially if we had a member such as yourself who was willing to do that?

Lovel: Jamie, would you like to do that, too?

Adoption of Workplan:

Discussion:

Arnie: These will be updated as we go along.

Kendra: Did everyone get a chance to look at them? This is kind of an expansion of the conversation from the retreat. The subcommittees that we discussed. It has a few clarifications of who was going to participate in varying aspects of the plan.

Terry: Part of this discussion is figuring out how we are going to meet as subcommittees.

Arnie: Not many people responded to the Google poll. I think we want to focus on the third week of the month for meetings. We've normally had a meeting on Orcas that we could break down into subcommittees.

Terry: In the past, our midmonth meeting was our subcommittee, outreach, and citizen science meeting. It seems like we've broken it more out into project groups. What I'd like to put up for discussion in that regard is

how we're going to meet during the mid-month and how we are going to get the work done. I find meeting with others very helpful as it helps me focus that time. I think having a fixed time on the third Wednesday is helpful.

Kendra: The other limitation is staff time. If we add commuting, that is hours of unproductive time for staff. That is why I encouraged us to move to email and conference call. That way you can get some written feedback and then talk on the phone.

Carl: That sounds like a terrific idea. It seems to me that the issue is that we have a subcommittee with three members, who will take the lead? Can we have a volunteer to take the lead?

Megan: Do we even need staff at those subcommittee meetings?

Kendra: If the mid-month Wednesday is good for folks, you could have subcommittee phone-ins. At least then there is dedicated time without the travel part.

Byron: I would like more time for the Salmon Recovery as well. I think we're still evolving on what it means to be a policy body. I don't think the mid-month meeting gave me enough time. I think we now have a focused subcommittee and task that will give me more time.

Lovel: Logistically, do the reports of the subcommittee reports demand too much time? Maybe we ask that the subcommittees do written reports?

Megan: That works well for other committees I'm on.

Kendra: And if that occurs and then someone writes that up and gets it to me in a timely manner, we can include it in the packet that we get you a week in advance. Then if we need to share anything else at the meeting, we can do that.

Jaclyn: You could potentially use something like Dropbox. Everyone could update it throughout the week.

Byron: You can use Dropbox online, outside the firewall.

Terry: Do we need to vote on meeting in person? Should we let groups decide?

Megan: Try an experiment of using phone meetings?

Carl: Each group needs to have a lead.

Volunteers

1. **Planning & Promoting Marine Stewardship**
 - a. **Lead:** Carl
 - b. **Add to subcommittee:** Kendra
2. **Renamed: Food Web Committee (Combined with #6, Restoring the Near Shore)**
 - a. **Lead:** Byron
 - b. **Add to subcommittee:** Lovel, Megan
3. **Reducing Vessel Impacts on SRKW**
 - a. **Lead:** Kendra
 - b. **Add to subcommittee:** Lovel
4. **Reducing Pollution of Marine Waters**
 - a. **Lead:** Elise

5. **Developing the Orcas Landing Experience**
 - a. **Lead:** Carl
6. **Merged with #2, Food Web Committee**
7. **Restoring Shellfish, Reducing Invasive**
 - a. **Lead:** Ken
8. **Understanding the Economic & Environmental Impact of an Oil Spill**
 - a. **Lead:** Lovel or Marta
9. **Reviewing the Feasibility of Establishing an Emergency Vessel**
 - a. **Lead:** Lovel or Marta
 - b. **Add to subcommittee:** Lovel
10. **Exploring Alternative Marine Technologies**
 - a. **Lead:** Ken

SRKW Update

Kendra: The discussion about enforcement is ongoing. We've worked up a flag concept. We have a yellow flag, yellow and red flag, and a yellow and red without the white line down the middle. The concept is that the oblivious boater will now know that there are whales. This should be enough indication that they should slow and stop. We shared it with enforcement folks and they said that it gives them a mechanism to help them write tickets.

Arnie: The colors are also the international color for "O" or "Overboard".

Kendra: We'd like some feedback from all of you. We also have an insert for the Be Whale Wise information. We also are working on a campaign to get the Be Whale Wise message outside of San Juan County. We are trying to get seed funding for the flag. We want to get people more aware at a grass roots level. Here people have to actively participate for the system to work.

Karin: How big is the flag?

Arnie: It depends on the size of the vessel the length of the flag.

Lovel: There was some question, too, as to whether a flag like this would attract more boats.

Kendra: We should continue to discuss it. People already see the entourage.

Karin: Basically, it is establishing that the Be Whale Wise rules are in place in this area.

Kendra: We need the social pressure to make change. We looked at a lot of literature about this. Hopefully, we might see a shift because of that social pressure.

Jaclyn: This is suggesting that people give an additional 400 yards from the boats. But there is no legal backbone to this suggestion?

Kendra: No.

The red and yellow without the "diver down" white stripe was the most popular flag.

Kendra: The broader question for the group is should I continue to have dialog with the Northwest Straits Foundation? There is potentially \$10,000 we could get there.

Terry: I'm curious to know what Jeff and Iva think.

Iva: I think most boaters will agree with it. There is already a system up north by MERS that does this. Obviously we are focused on the SKRWs, but we are seeing other whales here as well. MERS has had collisions with other types of whales. I don't know how widespread it is up north. I know that it is utilized.

Kendra: We will follow up with that.

Terry: I think that we should add that to our list of choices.

Motion for Kendra to move forward with the Foundation. So moved, seconded, accepted.

Terry: Thank you for being here Jamie. Anything you would like to say?

Jamie: Prey, vessel noise, pollution, oil spill prevention will be on subcommittees of the new task force. Kevin's bill has moved and stopped.

Motion to postpone other agenda items.

Card for Arnie.



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

**Wednesday, March 7, 2018
8:30 AM-10:30 AM
Call in number: 360.370.7400 x0592**

**Friday Harbor Firehouse
60 Second Street - Friday Harbor, WA**

Agenda

8:30 AM	Convene Meeting <i>Terry Turner, Chair</i>
8:30 AM	Citizen Input
8:35 AM	Approval of Minutes <i>All</i>
8:40 AM	Salmon Recovery Updates <i>Byron Rot</i> 2018 Salmon Recovery Process 101 Chinook recovery – Vision, Goals Action Item: Approve Evaluation Criteria (included)
9:10 AM	MRC Operations Updates <i>Kendra Smith</i> New coordinator hired – Starts March 26 Doodle results for April Meeting NWSF Grant submitted Dropbox set up Needs for reporting out to NWSC Second Quarter <ul style="list-style-type: none"> • Volunteer hours • Workplan deliverables
9:30 AM	Subcommittee Reports <i>All</i> Boat - Noise Impact Subcommittee Orcas Landing Project NWSC Update - Ken
10:15 AM	Questions/Citizen Input
10:30 AM	Adjourn MRC Meeting

Upcoming Meetings/Events

Date	Event	Location	Time
4/2 or 4/3/2018	MRC Monthly Meeting	FH Firehouse	8:30 - 10:30 AM
4/4- 4/6/2018	Salish Sea Conference	Seattle	
5/2/2018	MRC Monthly Meeting (Salmon Recovery Presentations)	FH Firehouse	All Day
5/3/2018	Salmon Recovery field trips	TBD	All Day



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

Meeting Notes 2/7/18

Reminders:

1. A discussion was tabled about recreating an informational placemat detailing eel grass bed location and 16 most commonly hit rocks.
2. The desire was expressed to have the MRC informed of relevant bills being presented at the State level. Lovel and Jamie were tasked with this job.
3. A discussion was tabled about whether the flags for boaters indicating that whales were in the vicinity would attract more boats.
4. The red/yellow flag without the "diver down" stripe was the most popular.

In Attendance: Terry Turner, Jaclyn Fowler, Karin Roemers-Kleven, Byron Rot, Arnie Klaus, Elise Dufour, Megan Dethier, Carl Davis, Jamie Stephens, Toby Cooper, Lovel Pratt, Libby Concord, Kendra Smith, Jeff Friedman, Iva Rife, Tina Whitman

Minutes approved.

Presentation by Tina Whitman

Discussion:

Karin: Are these visits by invitation of the owner?

Tina: Yes. We are very strategic about it. Sometimes we know people in the neighborhood. Sometimes we call. We use data from our surveys. We have this ongoing database of folks. It is all voluntary.

Terry: When I think of conservation easements, I think of "grantee" and "grantor". Who is that in this situation?

Tina: Land Bank. We used to wait for people to call. Now we go after these particular areas.

Terry: How do you expect the pickle weed to do after being rolled up?

Tina: I think it will do pretty well. One of the folks we work with have done a test study where they've dug it up and then carefully put it back. They did one where they rolled it up and threw it back. And they did another study as well. All came out pretty much the same. We will be photo monitoring to see. We did work with one ditch. We put the pickle weed back in that ditch and now you wouldn't be able to find that original ditch.

Terry: Would you expect to see migrating juvenile salmon at Neck Point Lagoon on Shaw?

Tina: Potentially. We are trying to figure out if there is enough justification of potential costs if salmon would come back. Getting those logs out would be important.

Byron Rot – Update on 4 Year Plan for Salmon Recovery

Discussion:

Megan: A little background. A landowner came and said that they wanted to do something about their armoring. That wasn't necessarily best for the ecology. So this project took off.

Tina: We don't want to get rid of armoring and cause damage to homes. Is it feasible and does it do the most good.

Terry: How many of our new members are familiar with PIAT1 and PIAT2?

Tina: Do you have the most recent presentation on the website?

Byron: I can send it out.

Jamie: It's on the website. Both 1 and 2 and the condensed 1 and 2.

Terry: Become familiar with that.

Lovel: Are there any subcategories within those tiers?

Byron: Yes.

Tina: Land owner willingness and opportunity are not shown here. But they are all individually scored, so you can go back to the base data and know the information so that you can know the complexity of each site.

Byron: There is some nuance to it. We want folks to think more broadly than that. There wasn't interest in a system that was more numerically varied. If you want to look specifically at feeder bluffs for instance, you can utilize the database.

Karin: What is involved in protection? Is there a moratorium on new armoring?

Byron: If a landowner has a structure on their property, Fish and Wildlife is required to give them a permit for armoring. There is this perception that the first thing you do when you buy a piece of property on the shore is to build a bulkhead. Sometimes you see people building one where it is quiet and not needed. For instance, with a shoreline forest, those roots are really all you need. There is a lot to be gained from visiting owners and talking with them.

Terry: If you want to see a bad example, the Kitsap Peninsula really destroyed their beaches. If you want to see what ugly looks like. They destroyed their beaches.

Byron: Compared to the rest of Puget Sound, we don't have much. But if you look at the erodible shoreline, it is fairly significant. There is this perception that the San Juans are pristine. This is a myth. We have more to do here. We still have really great habitat here. The Preservation Trust and Land Bank with the Friends are doing much to save this.

Terry: Byron, would you go over the idea that we look for project sponsors and how we might use PIAT?

Byron: In a lot of ways you guys are policy advisors. People will listen to you a lot more than they will listen to me, as their neighbor and their friend. The toughest aspect to doing a project is getting a land owner on board. There are a huge number of people out there who may have a bulkhead or a property that can be protected.

One of the things that is really useful is for you to go down your mental list of who lives on the shoreline. I can pull up PIAT2 and we can see where they are on the tier system. Reach out to Tina or another of our project sponsors and say, I have a friend and we can have GIS or someone else go out and talk to them about an easement. It is a really valuable thing that you guys can do for salmon recovery.

Tina: Byron, you talked about your placeholders. Projects have to be on the work schedule to be open for funding. Those placeholders are there for property owners that fall out of the sky. Those other ones are there for project sponsors. Other people can propose a project.

Megan: The broad listings are place holders.

Byron: One of the strategies for placeholders is that a sponsor could come and say, we're proposing projects in this area. We have some sense that people are interested and they ask for a certain amount of money. They don't identify a particular land owner, but they know that they want to do conservation in that area.

Megan: Does the four year plan only get updated every four years?

Byron: Every year, but this was a larger roll out. There are a lot of new projects.

Terry: It is interesting to me how many different sponsors we have.

Byron: It's nice, but we could always use more. Just as an example, the last two years we have not spent our funding allocation. That is kind of the kiss of death to get your funding lowered. It's really important that we spend our money this year. Watmough Bay may be up for funding. There are family issues, so it is an interesting process. The parents passed away and the siblings don't agree. There is also an issue with a long term renter that was asked to leave, but one of the siblings would like to have return.

Toby: Do you have totals for projects?

Byron: Yes. Some of these are just my best guess. As the project moves through the process, especially after a feasibility study and then moving into construction, those totals can change. Projects \$250,000 and over have to go through a design process before we can make a more finalized construction estimate. It was too disruptive to the legislative budget otherwise.

Terry: There are two kinds of projects here. Boots on the ground projects and then easements and acquisitions.

Byron: Our priority is protection. Restoration is number two. Studies are number three. We have so much wonderful habitat here. We are trying to make sure that we don't lose it all to development. People who have a lot of money are going to do what they want. Really the best way to ensure that property is getting conserved is to do easements or acquisitions. That's what Tina and the Preservation Trust are working on.

Tina: We don't spend a lot of money on easements because most folks end up donating it because it makes more financial sense. Most of our money goes to outreach.

Those easements continue if the property is sold.

Jamie: We were trying to get a property on Reed Harbor which was maybe \$500,000. Sometimes it makes more financial sense to do an easement.

Byron: Protection was secondary for a while because it was just thought that we could only do restoration. That is starting to change.

Tina: We never get things back to how they were. It makes more sense to protect it in the first place.

Megan made a motion to approve. Terry seconded.

Kendra: If something starts to emerge, even though there are placeholders, how do we deal with that?

Byron: There is already a new project not on this list. One of our project sponsors is not a good communicator and sent me a project last week. That is going to be a feasibility study on Lopez. The deadline for people to submit their letter of interest is February 16 before it goes before TAG. You guys are part of that process. You'll come in later during the pre-application process. There is a formal application on May 2 & 3. May 2 is the presentation in the morning, with field trips in the afternoon and possibly the next day.

Terry: Are you happy with your sponsor list?

Byron: Yes, it is really diverse.

Kendra: The question still is, what is the process to insert new projects?

Byron: It is informal. I think that they wanted something up front to work with. It isn't fixed in stone. There will be some tweaks to it.

Vote: All in favor of approving the plan? Vote carried unanimously.

Motion to adjourn meeting. Motion made, seconded, and passed.

MRC Meeting

Toby's Citizen input

Toby: On the ferry with the way over, we had some discussion. I would like to recognize Kevin Ranker's bill on the southern residents. It is precedent setting and sweeping. I don't know what its prospects are, but hopefully it will get something done. What should the MRC be thinking about in terms of this bill? It occurs to me that the MRC is this wonderful nexus of citizens and the County. It can play the part of liaison between the state government and the county. How do we fill the gaps it doesn't cover? It is primarily about enforcement and setting a zone around the pods. But it doesn't take an ecosystem approach. It doesn't provide for forage fish, as the MRC wants to do. It doesn't do the whales any good to have a quiet environment if they have nothing to eat. I want to encourage you to look at how the County can support this effort.

Terry: It's been so long since we've had good citizen input. I would be curious to know how many are familiar with Kevin Ranker's bill?

Karin: How long is the bill?

Group: It isn't very long.

Lovel: And the capital budget has a piece of this bill in it.

Byron: It's amazing how the orca whales have suddenly come on the scene. After twenty years, it is finally happening with chinook recovery. Last summer, suddenly everything is happening.

Jamie: I was talking to the Governor about the task force that the Governor is putting together. Really we need to save the fish. If they can hug an orca by saving the salmon, let's get the public rallied around the cause.

Toby: That is the message. Help the ecosystem recover.

Arnie: That is the new model. Helping the fisherman do sustainable fishing, etc.

Terry: Is it felt that this bill takes on the ecosystem approach?

Toby: No. It is about protection zones for the orcas. The report from the Whale Museum said that there were two big things: harassment and food supply. This bill deals with the former.

Jeff: Setting speed limits dramatically reduces the sound.

Terry: Is it in line with what has been recommended?

Jeff: We are more stringent. The bill says 400 yards, but we say half a mile.

Tina: Do you guys have a subcommittee working on it?

Terry: Yes.

Kendra: With the task force, have you managed to get a local seat on there?

Jamie: The executive order is coming out soon.

Kendra: The other thing in Inslee's budget was for hatcheries for Spring Chinook.

Discussion between Kendra and Tina about some of the hatcheries.

Arnie: To Toby's point, I believe an ecosystem awareness approach is the greater solution. That needs to be the focus, rather than focusing on one particular thing.

Toby: For us it could be an easy job to broaden the perspective. You love the whales, love the fish, too!

Tina's citizen input

Revitalizing protecting the eel grass. Anchor out of eel grass. Boater and community awareness, tideland protection, buoy upgrades, protection tool. Washington State parks has a voluntary no anchor zone that they are looking to revitalize. Eastsound is a voluntary anchor out zone. They also have a dwindling herring population. We want to have the MRC be a partner in these projects.

Terry: As a boater, dropping an anchor is a real pain in the neck. If I knew that there were public buoys, I'd be pretty happy.

Tina: Yes. There is some talk about Blind Bay. The County has some funding for buoys. We're talking about Eastsound. We're not saying, don't boat here. You can attach to the buoy. Boaters are hard to reach. There needs to be a concerted effort.

Carl: Who puts out these buoys now?

Tina: There is one put out by the County. Sometimes you may not even need buoys. If you have good signs, people come back year after year and will get the message.

Carl: At Echo Bay there was a sign asking you not to anchor, but they didn't give you enough information.

Tina: They realized when they did that pilot program that they didn't have enough information. The buoys were intended to say, "don't anchor past this point".

Toby: The topography of Eastsound is such that it looks better to anchor outside Indian Island. The other thing about Eastsound is that it is a wind tunnel. The boating community doesn't really want to anchor there.

Carl: As opposed to Echo Bay on Sucia, where everyone wants to moor.

Kendra: We are looking at updating the buoys at Odlin.

Byron: And I think it's more than just buoys. It's being conscious about what you're throwing overboard, etc. Water quality is really important, too. As a sea kayaker, I've noticed that the water quality goes down when there are a lot of boats around. That is not good for the eel grass either.

Lovel: Is there a way to get this information out electronically, maybe through commonly used apps? Maybe included on charts or through NOAA?

Tina: It is virtually impossible to get things like this on the NOAA chart because they consider the eel grass beds as transitory. But the other apps could work. We already have these maps, so we could provide that to them. There are certainly other platforms. You know how the MRC did the laminated placemat for the 10 most commonly hit rocks? We're going to steal that.

Terry: We are now going to redo it with the 16 most commonly hit rocks. Maybe we could dovetail?

Arnie: Active Captain is one of those apps. They are very approachable.

Carl: Navionics is a huge one, too.

Terry: I think we should put this on our agenda for future discussion and outreach.

Lovel: I wonder if on future agendas, could we include relevant bills?

Terry: Great idea, especially if we had a member such as yourself who was willing to do that?

Lovel: Jamie, would you like to do that, too?

Adoption of Workplan:

Discussion:

Arnie: These will be updated as we go along.

Kendra: Did everyone get a chance to look at them? This is kind of an expansion of the conversation from the retreat. The subcommittees that we discussed. It has a few clarifications of who was going to participate in varying aspects of the plan.

Terry: Part of this discussion is figuring out how we are going to meet as subcommittees.

Arnie: Not many people responded to the Google poll. I think we want to focus on the third week of the month for meetings. We've normally had a meeting on Orcas that we could break down into subcommittees.

Terry: In the past, our midmonth meeting was our subcommittee, outreach, and citizen science meeting. It seems like we've broken it more out into project groups. What I'd like to put up for discussion in that regard is

how we're going to meet during the mid-month and how we are going to get the work done. I find meeting with others very helpful as it helps me focus that time. I think having a fixed time on the third Wednesday is helpful.

Kendra: The other limitation is staff time. If we add commuting, that is hours of unproductive time for staff. That is why I encouraged us to move to email and conference call. That way you can get some written feedback and then talk on the phone.

Carl: That sounds like a terrific idea. It seems to me that the issue is that we have a subcommittee with three members, who will take the lead? Can we have a volunteer to take the lead?

Megan: Do we even need staff at those subcommittee meetings?

Kendra: If the mid-month Wednesday is good for folks, you could have subcommittee phone-ins. At least then there is dedicated time without the travel part.

Byron: I would like more time for the Salmon Recovery as well. I think we're still evolving on what it means to be a policy body. I don't think the mid-month meeting gave me enough time. I think we now have a focused subcommittee and task that will give me more time.

Lovel: Logistically, do the reports of the subcommittee reports demand too much time? Maybe we ask that the subcommittees do written reports?

Megan: That works well for other committees I'm on.

Kendra: And if that occurs and then someone writes that up and gets it to me in a timely manner, we can include it in the packet that we get you a week in advance. Then if we need to share anything else at the meeting, we can do that.

Jaclyn: You could potentially use something like Dropbox. Everyone could update it throughout the week.

Byron: You can use Dropbox online, outside the firewall.

Terry: Do we need to vote on meeting in person? Should we let groups decide?

Megan: Try an experiment of using phone meetings?

Carl: Each group needs to have a lead.

Volunteers

1. **Planning & Promoting Marine Stewardship**
 - a. **Lead:** Carl
 - b. **Add to subcommittee:** Kendra
2. **Renamed: Food Web Committee (Combined with #6, Restoring the Near Shore)**
 - a. **Lead:** Byron
 - b. **Add to subcommittee:** Lovel, Megan
3. **Reducing Vessel Impacts on SRKW**
 - a. **Lead:** Kendra
 - b. **Add to subcommittee:** Lovel
4. **Reducing Pollution of Marine Waters**
 - a. **Lead:** Elise

5. **Developing the Orcas Landing Experience**
 - a. **Lead:** Carl
6. **Merged with #2, Food Web Committee**
7. **Restoring Shellfish, Reducing Invasive**
 - a. **Lead:** Ken
8. **Understanding the Economic & Environmental Impact of an Oil Spill**
 - a. **Lead:** Lovel or Marta
9. **Reviewing the Feasibility of Establishing an Emergency Vessel**
 - a. **Lead:** Lovel or Marta
 - b. **Add to subcommittee:** Lovel
10. **Exploring Alternative Marine Technologies**
 - a. **Lead:** Ken

SRKW Update

Kendra: The discussion about enforcement is ongoing. We've worked up a flag concept. We have a yellow flag, yellow and red flag, and a yellow and red without the white line down the middle. The concept is that the oblivious boater will now know that there are whales. This should be enough indication that they should slow and stop. We shared it with enforcement folks and they said that it gives them a mechanism to help them write tickets.

Arnie: The colors are also the international color for "O" or "Overboard".

Kendra: We'd like some feedback from all of you. We also have an insert for the Be Whale Wise information. We also are working on a campaign to get the Be Whale Wise message outside of San Juan County. We are trying to get seed funding for the flag. We want to get people more aware at a grass roots level. Here people have to actively participate for the system to work.

Karin: How big is the flag?

Arnie: It depends on the size of the vessel the length of the flag.

Lovel: There was some question, too, as to whether a flag like this would attract more boats.

Kendra: We should continue to discuss it. People already see the entourage.

Karin: Basically, it is establishing that the Be Whale Wise rules are in place in this area.

Kendra: We need the social pressure to make change. We looked at a lot of literature about this. Hopefully, we might see a shift because of that social pressure.

Jaclyn: This is suggesting that people give an additional 400 yards from the boats. But there is no legal backbone to this suggestion?

Kendra: No.

The red and yellow without the "diver down" white stripe was the most popular flag.

Kendra: The broader question for the group is should I continue to have dialog with the Northwest Straits Foundation? There is potentially \$10,000 we could get there.

Terry: I'm curious to know what Jeff and Iva think.

Iva: I think most boaters will agree with it. There is already a system up north by MERS that does this. Obviously we are focused on the SKRWs, but we are seeing other whales here as well. MERS has had collisions with other types of whales. I don't know how widespread it is up north. I know that it is utilized.

Kendra: We will follow up with that.

Terry: I think that we should add that to our list of choices.

Motion for Kendra to move forward with the Foundation. So moved, seconded, accepted.

Terry: Thank you for being here Jamie. Anything you would like to say?

Jamie: Prey, vessel noise, pollution, oil spill prevention will be on subcommittees of the new task force. Kevin's bill has moved and stopped.

Motion to postpone other agenda items.

Card for Arnie.



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

**Monday, April 2, 2018
8:30 AM-10:30 AM
Call in number: 360.370.7400 x0592**

**Friday Harbor Firehouse
60 Second Street - Friday Harbor, WA**

Agenda

8:30 AM	Convene Meeting <i>Terry Turner, Chair</i>
8:30 AM	Citizen Input
8:35 AM	Approval of Minutes <i>All</i>
8:40 AM	Salmon Recovery Updates <i>Suzanne Stoike, Puget Sound Partnership</i> Nuts and Bolts of Salmon Recovery
9:10 AM	MRC Operations Updates <i>Frances Robertson</i> MRC Website update –requirements from MRC members Marine Mammal Commission grant progress Reporting due
9:30 AM	Subcommittee Status Reports <i>All</i> Boat - Noise Impact - Frances Orcas Landing Project – Terry / Carl The Marine Stewardship Plan- Jaclyn Oil Spill Response update – Marta NWSC Update and Video – Ken Others??
10:15 AM	Questions/Citizen Input
10:30 AM	Adjourn MRC Meeting

Upcoming Meetings/Events

Date	Event	Location	Time
4/4- 4/6/2018	Salish Sea Conference	Seattle	
5/2/2018	MRC Monthly Meeting (Salmon Recovery Presentations)	FH Firehouse start location	All Day
5/3/2018	Salmon Recovery field trips	TBD	All Day
6/6/2018	MRC Monthly Meeting	TBD	9-11

**San Juan County Marine Resources Committee
& Citizen's Salmon Advisory Group Meeting**

Wednesday, March 7, 2018

Friday Harbor Firehouse

8:30am-10:30am

Introductions

Lovel Pratt, Phil, Kendra Smith, Ken, Terry Turner, Jaclyn Fowler, Byron Rot, Megan, Jamie Stevens, Christina Koons, Carl Davis, Karin

A discussion of subcommittee meetings and what people had been working on since the last meeting.

Jamie is involved with the Governor's Special Advisory Committee and will have more information for the group next Wednesday, March 14th.

It was commented that Patty Goben feels that there isn't a place on the MRC for the Tribes. There was interest expressed in addressing that issue.

Minutes were approved with one abstaining.

Citizen Input

Phil's job as caretaker on Yellow Island will be posted today, March 7th.

Salmon Recovery Updates – Byron Rot

Byron explained in more depth what role the members of the MRC played on the Salmon Advisory Committee (SAC). The process begins in February when the Technical Advisory Group (TAG) looks at the different projects. Ten projects were submitted this year. Each project sponsor had the opportunity to have a fifteen minute group conversation with TAG. TAG provided each sponsor with comments. On May 2nd, the sponsors will present their projects to the SAC and TAG. Field trips will be conducted on May 2nd and 3rd to visit field sites for the different projects. At this point, TAG will rate the projects and forward this information to the State Review Board (Surfboard), who will in turn give comments to the sponsors. Final applications are due on June 11th. TAG will hold an open meeting about a week later where they will score the projects.

SAC will have time between the June deadline and the July meeting to read over the applications. In July, SAC will score the socioeconomic aspect of each project. The socioeconomic scoring will consider: How does this project fit in within the community? Have they really considered how this thing is organized? Is it strategic? Is there value for money in this project? At this time, SAC members can decide to boost a project with a low score, should they feel that it is good value for money. SAC members who are project sponsors or are involved with project sponsors should recuse themselves from involvement with SAC scoring on their particular project.

SAC then makes recommendations to Salmon Recovery Funding Board (SRFB). The SRFB's decisions are finalized in December. Once SRFB approves a project, it goes before the state legislature and the governor.

Action Item: Motion to approve the Evaluation Criteria Document. Motion carried. Criteria approved.

Byron volunteered to put together a status update for previous projects.

Discussion followed about updating the Salmon Recovery Website and starting a Facebook page.

MRC Operations Updates – Kendra Smith

Kendra announced that San Juan County had hired Dr. Frances Robertson as their new Marine Resources Coordinator. After Kendra gave a description of Frances' qualifications, it was asked that Frances' CV be made available to the group. Frances agreed via message that this was acceptable.

There was discussion about making use of Frances' GIS skills for information storage purposes. It was suggested that it would be valuable to Frances and other MRC members to have an orientation about the MRC.

Ken invited MRC members to attend the upcoming Northwest Straits Commission Meeting on March 30th from 10am-12pm on WebEx conference call.

April 2nd is the date for the April meeting at 8:30-10:30am, at the Friday Harbor Firehouse.

Discussion followed about the NWSF Opportunity Grant. The MRC is requesting \$10,000 from the foundation to assist with the production, distribution, and education surrounding flags alerting boaters to the presence of whales. NOAA requested that this effort be incorporated into the Be Whalewise campaign.

Questions followed on whether this effort should be incorporated into the MRC's flier about the 125 most commonly hit rocks. There were also questions about whether the flags would attract boats to the whales, rather than encourage good behavior. Discussion ensued about the best way to educate the public, with the question of a video playing at ferry terminals being raised. It was also suggested that the use of a hydrophone or hydrophone audio could be useful for such a video or display. There was also a question about the source of the flag project, relating to whether it had been a County effort or had come from the citizenry. It was decided that it was in fact a bottom-up effort, generated from the workshop and other discussions.

Action Item: A motion was made to vote on approving the cover letter and packet for the NWSF grant application. The motion passed.

Moving on to MRC administrative details, Kendra sent around a time card for members to fill in hours spent in travel, subcommittee meetings, regular meetings, etc., so that she could report the information to the State. The MRC missed almost all of its reporting deadlines in 2017 and that put its status in jeopardy. The County has committed to ensuring that doesn't happen in the future.

Subcommittee Reports

Orcas Landing Project – Terry

Terry, Christina, and Carl met at Orcas Landing. Christina reached out to Patty about accuracy of artwork and text. Patty expressed that she didn't feel like there was a place for Coast Salish people on the MRC. Discussion about this issue ensued amongst MRC members. The argument was made that Patty left because she felt that not enough was happening in the MRC to warrant her presence when she was so busy with other things. It was also pointed out that two Coast Salish people had been interested in applying to become MRC members, but had not followed through with an application. Discussion followed about having access to a technical advisor from the Tribes, especially to help with the educational panels at Orcas Landing. It was suggested that the Tribal archaeologists be contact for help. Discussion turned to the offer by OPALCO to sponsor a panel describing their efforts to achieve environmental compliance with their marine cables.

Questions were brought up about the vegetation and storm water plan for Orcas Landing and the Orcas Park and Ride. Terry felt that these areas were deficient. Jamie disagreed. Kendra offered to provide the subcommittee with more storm water and vegetation details at the next subcommittee meeting.

Boat Noise Impact Subcommittee - Kendra

Kendra spoke with the County's attorneys and found that the County's jurisdiction over the water is limited. She particularly focused on the Marine Stewardship Area. The answers were mostly that we didn't have authority. Her questions and their answers can be found in the subcommittee minutes in dropbox. The subcommittee then had a brainstorming session where they identified four voluntary actions that they could pursue: 1) Soundwatch support and getting the Be Whalewise information distributed to other counties, as well as the creation of new educational materials; 2) social networking strategies through media and other sources, such as placing informational packets at the Auditor's office to appeal to boaters as they renew their boat license; 3) the "Caution, Whale" flag; and 4) a program for kids. Kendra has a timeline for these items, but is waiting for more information on funding and hoping to get some more owners of certain projects.

Update of the Plan - Jaclyn

Jaclyn appealed to the MRC members for information on any updates that had been done to the plan since it was adopted in 2007. She had heard rumors that updates may have been done in 2011. This brought on a conversation about the failed Marine Sanctuary effort from 2011. Byron agreed to help Jaclyn find information.

Northwest Straits Commission Update - Ken

The NWSC is celebrating its 20th anniversary. They have a scheduled meeting here on San Juan Island April 27th.

Abalone had a poor survival rate.

Mussels that were part of a storm water impact study were transported to Olympia for testing.

Brief discussion on derelict vessels or those that break loose during storms.

Meeting adjourned.



SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE, CITIZEN'S SALMON ADVISORY GROUP
AND TECHNICAL SALMON ADVISORY GROUP MEETING

Wednesday, May 2, 2018
8:30 AM-12:00 AM
Call in number: To be confirmed

Islander Bank Admin bldg.
Basement meeting room, 545 Park St,
Friday Harbor

Agenda

8:30 AM	Convene Meeting <i>Bryon Rot, Lead Entity</i>
8:35 AM	Salmon Project Presentations , <i>Chair: Byron Rot</i> False Bay Drive shoreline restoration, <i>Kendra Smith, SJC Public Works Environmental Resources</i>
9:00 AM	Herring spawning habitat protection and restoration, <i>Tina Whitman, Friends of the San Juans</i>
9:30 AM	Restore tidal circulation in Fishermans Bay, <i>Russel Barsh, KWIAHT</i>
10:00 AM	Agate Beach restoration design, <i>Dona Wuthnow, SJC Parks</i>
10:30 AM	Feeding salmon and orca through shoreline restoration, <i>Tina Whitman, Friends of the San Juans</i>
11:00 AM	Mackaye Harbor boat launce restoration feasibility/design, <i>Kendra Smith, SJC Public Works</i>
11:30 AM	Sand lance spawning habitat protection project, <i>Tina Whitman, Friends of the San Juans</i>
12:00 PM	Approval of MRC Minutes: <i>MRC Chair Terry Turner</i>
12:05 PM	MRC Operations Updates: <i>Frances Robertson,</i> MRC 2018-2019 Grant proposal overview
12:20 PM	Adjourn MRC & TAG Meeting

Upcoming Meetings/Events

Date	Event	Location	Time
6/6/2018	MRC Monthly Meeting	TBD	8:30 – 10:30
7/11/2018	MRC Monthly Meeting	TBD	TBD



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

Salmon Project Field Trips

Wednesday May 2

Leave from Islanders Bank

12:15 – 1:30 pm	False Bay Drive Shoreline Restoration, SJC Public Works
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Thursday May 3

Meet at 8:30am at County boat slip, Friday Harbor Marina

Participants will be dropped back to respective islands at end of excursions.

8:30 –	<ul style="list-style-type: none">• Restore tidal circulation in Fisherman Bay, KWIAHT• Mackaye Harbor boat launch restoration feasibility/design, SJC Public Works• Agate Beach restoration design, SJC Parks
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SAN JUAN COUNTY

MARINE RESOURCES COMMITTEE, CITIZEN'S SALMON ADVISORY GROUP AND TECHNICAL SALMON ADVISORY GROUP MEETING

Wednesday, May 2, 2018
8:30 AM-12:00 PM

Islander Bank Admin bldg.
Basement meeting room,
545 Park St, Friday Harbor

Minutes

12:00 PM	Convene Meeting <i>Terry Turner, Chair</i> Attendance: Laura Jo Severson, Phil Green, Frances Robertson, Kendra Smith, Lovel Pratt, Christina Koons, Karin Roemers-Kleven, Terry Turner, Ken Carrasco
12:00 PM	Approval of MRC Minutes: <i>MRC Chair Terry Turner</i> Correction to the minutes: No generator at the ferry landing. It is a transformer. Minutes approved.
12:05 PM	MRC Operations Updates: <i>Frances Robertson, MRC</i> 2018-2019 Grant proposal overview <ul style="list-style-type: none">• In June, voting for Chair and Vice Chair position. – Please submit your nominations for either yourself or another member to Frances via email before June 5th. If there is more than one nomination for a position there will be a secret ballot held on June 6th at the MRC meeting.• NWSF proposal due on May 22nd.<ul style="list-style-type: none">• The idea is to extend the current projects. The only thing to add in might be the Plastic Free Salish Sea. It is in the work plan.• Our retreat next year should be used to plan what we will put in our next proposal.<ul style="list-style-type: none">• Outreach and branding funds should be incorporated.• Has the work plan been approved by the Council? No. This will help figure out the timeline for next year.• The Salmon Advisory is also part of this meeting and it takes up a lot of time.• Most of the money from NWSF goes to operational costs. That doesn't mean that we are prevented from engaging in projects that are going on, some of which we've heard about today. It would be nice to have some flexible resources built in.• Please recirculate work plan. Frances to do.<ul style="list-style-type: none">• Motion to include the work plan, Plastics Free Salish Sea, and outreach. Passed. <p>May 12th, Labs is going to let us have a table. Solicitations for volunteers. Lovel might have time.</p>
12:20 PM	<ul style="list-style-type: none">• Adjourn MRC Meeting

Upcoming Meetings/Events

Date	Event	Location	Time
5/12/2018	FHL Open Day	Friday Harbor Labs	11:00 – 4:00
TBD	Boat Noise Subcommittee meeting	San Juan County Public Works	TBD
6/6/2018	MRC Monthly Meeting	TBD	8:30 – 10:30
7/11/2018	MRC Monthly Meeting	TBD	TBD



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

**Wednesday, June 6, 2018
8:30 AM-10:30 AM
Call in number: to be sent.**

**Legislative Hearing Room
55 Second Street - Friday Harbor, WA**

Agenda

8:30 AM	Convene Meeting <i>Terry Turner, Chair</i>
8:35 AM	Approval of Minutes <i>All</i>
8:40 AM	Eel Grass Wasting Disease <i>Prof. Drew Harvell</i>
9:10 AM	Ocean Acidification <i>Ken Carrasco</i>
9:20 AM	MRC updates and Sub-Committee updates <i>Frances Robertson</i> <i>MRC Grant update</i> <i>SRKW – Flag study – Volunteer opportunities</i> <i>Orcas Landing</i> <i>Volunteer opportunities – beach cleanups</i> <i>Meeting locations and times proposal</i>
9:40 AM	Plastic Free Salish Sea Campaign Ideas <i>Karin Roemers-Kleven</i> <i>Subcommittee formation</i>
9:50 AM	Discussion on MSA Plan Review <i>Jacklyn Fowler</i> <i>Subcommittee formation</i>
10:00 AM	Vote for Chair and Vice Chair Positions
10:05 AM	Citizen Input
10:10 AM	Adjourn MRC Meeting
10:10 AM	Citizen's Salmon Advisory Group Convene meeting <i>Byron Rot</i> <i>Brief review from Byron over what to expect for July meeting</i>
10:30 AM	Adjourn CAG meeting.

Upcoming Meetings/Events

Date	Event	Location	Time
7/11/2018	MRC Monthly Meeting	TBD	8:30-10:30
8/1/2018	MRC Monthly Meeting	TBD	TBD
9/5/2018	MRC Monthly Meeting	TBD	TBD

Minutes approved. Second by laura jo

Terry, ken, Karen, phil, Christina, Jacklyn, Jeff Dyer, laura jo, Kendra, ivan, jeff, megan & lovel on the phone too. Jamie Stephens (somewhere)

Marta green, Byron, France Robetson

Sandy white

Megan on the phone

Lisa Wilson – Lummi nation, ESA manager and policy

Debra Lekonnf – Swinomish Tribe

Ingrid Gabriel

Debbie giles, liz, Lindsay,

Taylor Shed SOundwatch, san juan kayak expeditiosn – get name again

Drew Harvell Eel grass beds in San juan islands

Health of essential marine habitat.

New projects- sea doc funded, seagrant, and PSEMP Disease Ecology Working Group

Diese Trianle –outbreaks in a larger context, but strongly routed in environment in driving host and pathogen interactions.

Oysters and eel grass connection

Eel grass wasting disease in the SJIs:

Work started prior to 2015,

Developed diagnostic methods, lab experiments with temperature and light and co2, ecological surveys.

What to do to decrease EGWD – frontier area

How do you reliably diagnose the eel grass wasting disease

Some strains more virulent than others.

Disease surveys – intertidal survesys – 3 replicate transects, 40 blades/transects.

Subtidal surveys also now being included using same methods

Surveys 2-13-2017.

Seasonality – it matters when surveys are done. Prevalence of wasting disease peaked in July in 2015 – a very warm year. 80% of blades had some sign of wasting disease

At some sites lots of lesions but small, other sites, lots of lesions but really large – taking over blades.

How do we know how bad it is – is it causing deline of beds?

Measuring number of shoots/m² – shows drastic decline at some sites – beach haven site.

One site – shallow bay shows a positive density but all the rest show decline and large decline.

High levels of disease now being seen, so study being expanded into Puget sound.

Things not looking great in 2017 -

At any one location a range of sites, each driven by a variety of conditions

Correlation with temp, sheltered embayments with warmer waters tend to have higher levels of EWD.

Are there vectors of this disease, testing local herbivores in lab experiments.

Experiments with sental blades – water borne or contact driven?

Initial data suggests it is water borne.

Genetics – eel grass are clonal spp, can spread asexually. If that is a susceptible genotype a bed could decline really rapidly.

Does co-culture of eel grass and pathogen

When oysters peresnt levels of pco2 lower because they are filtering out the protozoan. More investigations into whether the presence of oysters helps to control EWD.

EWD is contributing to declining eel grass in SJIs.

Do know that fresh water effects the pathogen – low salinity waters not liked by the pathogen.

Culling? Hard to do in the ocean but this is one case where we might be able to actually go through a bed and cull plots to see if it improves bed overall.

Co-culture with bivalves, and careful transmission mechanisms, waterborne vs contact?

How to we improve habitat in the SJI?

ID healthy beds and increase/protect those – e.g. 4th july beach and Waldron.

Attempt recovery of declining beds – False Bay

Assess casues of extirpated beds.

Trying things at small scale on small plots is a good idea – because we don't really know the casues of the declines.

Can we reduce threat of EGWD to transplants?

Careful site selection?

Fresh water spreys?

Culling lesions?

Eventually resistant genetic stocks,

Biological associates – snazzy ways to mange disease down the road.

Ken – what is the effect of invasive spp?

Drew – don't know, no data on that yet,

Phil – oysters – are these native oysters of Japanese oysters

Drew – initial was cresostra, but interested in using the Olympia too.

Jeff – what is the life cycle of eel grass?

Sandy – eel grass biologist – only detailed work was done on this was in the 1920s. when documentd that from seed dispersal to grow to flowering shoot was a 2 year process. Not a lot done on this since then. Did a project with terry turner to plant rhizome, eel grass remits in olpalco trench and it did grow but took ~5 years. But in areas where shoots planted they seem to be persisting.

But once plants extirpated it is long and hard to grow back – Westcott bay – loss in 2003, now 2018 and still no regrowth.

Drew – suggests well worth investigation as to how to grow eel grass back.

Terry – important topic for MRC – welcomed Drew Back to continue conservation with MRC.

Byron – Conservation district is working with Sandy on a proposal

CK – what are the methods of protection? What could the MRC be doing in terms of providing reccomendations to the county.

Debra – what can we be doing better without knowing what is causing it how do we develop a regulatory policy to deal with it? Interested to see how we are engaging with other groups, inc. Tribal. Reaching out to these groups – engage with the tribes!

Ken – Ocean acidification

Ken gives us his professional history.....

And a 101 on ocean acidification.

Frances Robertson - MRC Updates

Karen – PFSS

Karen stepped up to take on this project – Plastic Free Salish Sea Project

What can we take out of the plastic cycle that we are so dependent on.

Friends of the San Juans have developed a straw campaign – Karen partnering with them.

How to create a larger outreach.

One big food rep has been telling people in the county that there is a ban on straws.

Straws first, then back to the plastic bag issue.

Voluntary reduction of use of bags.

Continuing to look at other plastics that we can keep removing.

Looking for additional members for subcommittee – good social network and marketing.

Terry volunteers for beach cleanup efforts.

Byron suggests reaching out to Carl.

Kendra suggests reaching out to Elise,

Laura Jo suggests reaching out high school students. – Jenny Wilson – high school.

Jamie – Lopex solid waste – tap in with junior class on Lopez Dave Sather.

Jacklyn – MSA plan review

Terry – suggests call for members to support. Form subcommittee, volunteers himself.

Review the plan, and then figure out how the plan is publicized, pushing out the maps onto various marine navigation platforms. County GIS group suggested getting it into the NOAA charting system. Geographic components of the plan.

Active Captain, Boating USA by Navionics.

Megan – also volunteering for committee

Phil peripherally to provide advice.

Terry suggests that we should be assessing the effectiveness of some of the initial items in the MSA.

Byron also involved.

Votes for new Chair and Vice Chair

Karen nominated for Chair – Laura Jo Seconds, all in favor. Done.

Christina nominated for Vice Chair – all in favor. Done.

Gavel passed over from Terry to Karen.

Karen thanks every one for nominations and votes. Excited to step up with high passion.

No citizen input.

Meeting adjourned at 10:16

CAG begun at 10:16

Proposing to trade our surplus of 573,331 with xxxxx, and then we would get it back in two years.

Phil asks if there is any guarantee that this funding would be available in 2 years,

Kendra asks if this assumption is in writing.

Byron – not exactly, but this is an allocation that is just being reallocated to another lead entity. Because we don't have a project for it are encouraging this other lead entity with a shovel ready project ready to go.

Jacklyn asks if we would get feedback and status updates for the project.

Christina asks about how the bianiun works – Bryon provides a clarification as to how our lead entitiy is funded. This year is our large year for funding, but next year will be a smaller year.

Federal funding likely to stay the same but state funding may change.

Projects tend to be set up to take advantage of the bianiun funding.

Christina – asks about private foundation donations.

Byron – no mechanism as yet for this but across Puget sound people are interested.

Mike (Conservation District, former grant RCO manager) – state do allow private funds but need a mechanism.

Kendra highlights the need to build the pipeline for future projects so that we can allocate and expand our resources.

Byron – our community is

Jamie – have taken private money so wondering about the mechanism. But locally thinks that we could go after a project if we had e.g. $\frac{3}{4}$ of the funding.

Jacklyn – asks about whether there is time to put forward other proposals/job positions to make some of these things happen.

Byron – we can't add to things this year, but

Terry – 2 part questions –expand type of project will help in getting more projects e.g. eel grass projects.

With regard to shoreline restoration how are we holding our own against new shore line restoration?

Marta – submitted 22 projects to the PSP for local projects for the next 4 years near term action items. Also looking at projects related to freshwater restoration, oil spill prevention, shore line restoration, status of shoreline armoring,

Byron – notes that we have to vote on this reallocation of funding/trade with north Olympic lead entity.

This would keep in local instead of letting it go regional.

Christina – why is the armoring project being submitted for different grant types and not to the salmon recovery project.

Byron, Kendra, Mike – suitability to grant, fitting with grant funding rounds,

Phil moves to transfer, ken seconds, all in favor, expect Jacklyn or abstained, so vote passed.

Jacklyn – explains why she abstained. Wants more information/understanding on these funding streams and how they work.

Bryon points out that this is why suzanna came to present from the PSP. But also offered to give a local perspective also.

Byron brings up the CAG votes on the salmon recovery projects at the July meeting. Explained why the Fisherman's Bay project was pulled. Not enough statke holder buy in.

Motion to adjourn.

Meeting adjourned.



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

Wednesday, July 11, 2018

8:30 AM-11:00 AM

Call in number: 1 (360) 370-0599 code: 285694

Friday Harbor Fire Station

60 Second Street - Friday Harbor, WA

Agenda

8:30 AM	Convene CAG Meeting <i>Byron Rot</i>
8:35 AM	Salmon Recovery Plan scoring <i>Byron Rott</i> <ul style="list-style-type: none"> Establishing quorum: 1 minute Conflict of interest assessment: 5 minutes Scoring criteria review: 10 min Project scoring and ranking of each project by each member: 60 min West Beach culvert project: 10 min Lead entity, scope of work and work plan review: 10 min
	Adjourn CAG meeting
10:10 AM	Convene MRC Meeting: <i>Karin Roemers Kleven</i>
10:10 AM	Approval of minutes
10:15 AM	MRC Operations Update <i>Frances Robertson</i> <ul style="list-style-type: none"> MRC Annual Conference New member application (vote): Jeff Frey
10:30 AM	NW Straits Foundation: Update <i>Christina Koons</i>
10:35 AM	MRC Sub-Committee updates (20 minutes) 2018 MRC Workplan refresh – Karin Roemers-Kleven <ul style="list-style-type: none"> Summary of MRC 2018 Work plan projects and current leads. <i>Status review of active projects:</i> Orcas Landing – Frances Robertson SRKW – Frances Robertson <ul style="list-style-type: none"> Flag project: Pre-study survey effort, flag distribution, outreach material <ul style="list-style-type: none"> Next steps NWFW proposal 2nd Community workshop Reducing Pollution in marine waters – Karin Roemers-Kleven <ul style="list-style-type: none"> Upcoming beach clean ups PFSS efforts: The Last Straw & plastic bag campaigns Restoration – Laura Jo Severson <ul style="list-style-type: none"> Green Crab update Oil Spill Consequences - Marta
10:55 AM	Citizen input
11:00 AM	Adjourn MRC meeting

Upcoming Meetings/Events

Date	Event	Location	Time
7/11/2018	MRC Monthly Meeting	Friday Harbor Fire Station	8:30-11:00
8/1/2018	MRC Monthly Meeting	Legislative Hearing Room	8:30 – 10:30
9/5/2018	MRC Monthly Meeting	TBD	8:30 – 10:30

MRC Workplan 2018: List of projects and leads

1. Planning and Promoting Marine Stewardship: Carl Davis
2. Salmon recovery plan
3. SRKW
4. Reducing pollution of marine water: Karin Roemers-Kleven
5. Orcas landing experience: Carl Davis
6. Restoration: near shore Kendra Smith
7. Restoration: Shellfish, reducing invasives
 - Green Crab Update: Laura Jo Severson
 - Abalone project:
 - Catch more crab – crab gear education:
 - Mussel survey – Carl Davis
8. Oil spills: understanding impacts – Lovel Pratt
9. Oil spills: Feasability of emergency vessel –
10. Exploring alternative technologies: Jaclyn Fowler

SAN JUAN COUNTY MARINE RESOURCES COMMITTEE (MRC) and CITIZENS SALMON ADVISORY GROUP (CAG)

Wednesday JULY 11, 2018

Friday Harbor Fire Station, 60 Second Street - Friday Harbor, San Juan Island

MEETING MINUTES

Committee Members in Attendance – Carl Davis, Phil Green, Karin Roemers-Kleven, Christina Koons, Lovel Pratt, Ivan Reiff, Frances Robertson, Byron Rot, Laura Jo Severson, Kendra Smith, Jamie Stephens, Marta Green

Committee members not in attendance – Megan Dethier, Patti Gobin, Terry Turner.
Before the meeting Megan and Terry submitted scores and gave their voting proxy and approval to fund all the projects to Byron Rot

8:40 AM – Convene CAG Meeting, Byron Rot

8:40 AM – Salmon Recovery Plan scoring, Byron Rot

- Quorum established
- Conflict of interest question to members in attendance
Kendra's two county projects, Lovell has a secondary conflict with three projects associated with Friends of the San Juans

- Project Scoring

False Bay Drive Riprap Removal (18-1780) – good education and outreach potential, working closely with FHL would be critical, small footprint and narrow access from road, improved public access could improve socioeconomic value, more signage and a larger scope could improve it, good model for future projects, good location relevant to salmon and whales, worry about cost of engineering – some other projects seem to have lower budget for that part. False Bay is already a reserve, makes sense to remove armor and improve nature

Mackaye harbor Boat Launch Feasibility Design (18-1771) – good public outreach value but needs more signage. Local county construction likely to be used. Not convinced this project will affect local drift cell sand retention sufficiently. Excavation of the quarry in this location may restrict feeder bluff. Unclear if it'll get community buy-in, may make boat launch less useful. Limited in its ability to protect the habitat but in a good visible location. The location and feeding juvenile Chinook is important, the tech team is mixed in support for project. Kendra worked to show us history at site visit, including people with institutional knowledge of how SJ County works. This project is a good example of explaining valuable resources in SJ County. There is a lack of uniform understanding of this project. If we pull the rock off parking lot does it disrupt feeder bluff? Not well understood. Kendra could clarify that in the proposal. If these projects are recommended for funding, then the State gets a technical review (this Fall) before giving it a red or green light.

9 AM – Kendra joins the group (we are done discussing her projects)

Byron, “does anyone have an issue with Lovell staying while we discuss Friends-related projects?”

Unanimous consensus is no.

Agate Beach Restoration Design (18-1776) – In terms of socioeconomic impacts this project has everything. Educational signage will be key, could benefit local economy /construction, great public outreach, hits all the criteria - the road being part of the project is a huge connection to climate change and sea level rise issues. The fact that it's located near a

national monument is great with public access beach. The fact that the road is going to disappear is something community needs to see. In site visit concern raised – some of the septic tanks (to the north of the project area) are not that good – potential pollution problem that could interfere with outcome of plans for spawning area. Dept. of Health and Local Utility may be testing, Kendra will look into that. There are funds available for neighbors that fail septic inspection. It's good to manage the dynamic of access to Iceberg point. This is a powerful example of the need to manage areas like this. This project benefits from \$300K study that public works did on roads, looking at access to County Park and Iceberg Point, taking sea level rise component into account

Feeding Salmon through Nearshore Restoration (18-1742) – Good outreach elements, good synergy with other programs, improved socioeconomic for community with jobs for local contractors. Involving home-owners is great, concern about the amount of money when it's only the start, but potentially great ongoing project. Education to landowners is superb, role-model to culture change for shoreline landowners. Even though there's support from homeowners the project is fairly expensive, \$100K for engineering for only 5 sites, comes out to \$20K per site, why does this require so much? The other concern is that there's no line item in the budget for legal items. If armor removal happens, what will be the ramifications if there is property damage? Another concern about one non-profit being responsible, the County should be involved. With salmon recovery, with any sponsor need to have long term stable steady funding, it takes years to get landowners on board. We spent \$100K a year on management for one project. The cost for the project seems consistent with actually delivering restoration over time. Here other projects may seem shrunk down because we're on an island that also means extra scrutiny. The county needs to make improvements but also needs coordination with local land-owners and diversity of sponsorship. Byron has been working with Conservation District to pursue shoreline projects. There are 225 properties in tier 1 and 2 which are candidates for armor removal. It's not just taking armor out, it's encouraging education so people don't choose to put new armor in

Herring Spawning Habitat Restoration and Design (18-1743) – high social value and public education/outreach, good detailed work plan, SJ County/State parks/WDFW involvement. Dovetails well with upcoming MRC boater, encouraged to use local construction, this project benefits salmon not just herring, important opportunity for the ecosystem. This is key for improving the environment and helping feed orcas. We have a strong model in PT – they have proven you can keep boaters out of eelgrass, we can mimic that to change boater behavior. A strong education campaign will be needed regarding moorage. Replacing of moorings will need more outreach. This project is only doing 5 moorings a year, seems like we should be able to expand that to more than 5. Friends need to collaborate with other organizations and cite them in documents associated with the work

After meeting with Jenjay Diving, they shared new NOAA requirements regarding mitigation and wanted to know where they can do mitigation for eelgrass habitat. Seems like there could be complicating factors, we'll need more collaboration between county and other groups, and some collective learning and coordination. Kendra plans to reach out and discuss with Tina and see if there's a way to measure the impact of this effort in improvement in eelgrass. For example, photos of areas where buoys will be, capture and document the difference as a result? Before/after photos and telling stories about project does a lot more to get funding than graphs/science. In grand scheme of things need to do video and photography (with science behind it) as a way to communicate with elected officials

Sand Lance Spawning Habitat Protection (18-1746)–huge community engagement – citizen science volunteers will be trained & used to collect real useful data, high economic value, sand lance are very important to Chinook gets community to learn about the importance of forage fish. NW Straits foundation also has a role to play. Needs to be more collaborative. There will be a training for volunteers for forage fish assessment.

Ranking

1. Sand lance, 9.5
2. Agate Beach, 9.33
3. Herring 8.9
4. False Bay, 8.5
5. Mackaye, 8.0
6. feeding salmon at 7.7

Byron: We have enough funding for all the projects, does the CAG want to fund all the projects? The TAG voted to recommend to you all the projects be funded. If you decide to fund all or some, that ranked list goes to the State. After that, the Review Panel will not re-rank the list, they'll yellow/red/green flag. Yellow = needs more info, red = projects of concern needs more input from project manager. By October need to go in front of the State to present. There will be a lot of deference to local ranking

9:49 AM vote, (Kendra and Lovell won't vote on the projects they're participating on)
Unanimous vote to fund all projects

Byron: The connection to land-owner piece is the most difficult, determining factor, that's why we need more home-grown projects. Land bank trust is acquiring land and the Preservation Trust and Friends are working on shoreline Conservation Easements. But the Friends is the only sponsor doing restoration, work. I want to encourage more restoration work. I am working with the Conservation District on this. They took the Shoreline stewardship program over from the County.

Byron: The Lead Entity has had some dialogue with the Friends and the Conservation District trying to be strategic around who's covering what area so there aren't overlaps. We need someone with the ability to know who knows who and build trust and connections, put more energy into the social infrastructure Shoreline outreach program is all grant-funded. This coming year is a big opportunity. We (the MRC) all have different connections in the community – those connections to shoreline landowners can be broad.

- West Beach culvert project

(while Kendra is out of the room): this is the replacement of the culvert under West Beach road on Orcas Island. SJ preservation trust dropped out of the project last December so Public Works is the sole project sponsor.

The current design is to replace it with a shorter perpendicular pipe (the old one was 80' and at a skewed angle) and this will be a little more than half that length. Public Works is looking for a grant extension through December 2019. Also a \$75k funding increase for much higher design costs; partly due to questions asked by WDFW. There's an email of support from Doug Thompson, WDFW. There are two votes here: the time extension and the \$75k funding increase.

Question, why was the design changed? Initial design by Geo engineers. It has differential loading along the length of pipe because of the road on top of the pipe. Because of that, concrete collars are needed on each end. Once you install the collar need to wait 30 days for concrete to cure, would restrict road use. Other elements of the GeoEngineers design were unsatisfactory.

The location is in a deep canyon, big beautiful cedar, a lot of fill on top of pipe itself. There are challenging dynamics in excavating with a minimum of damage to the riparian zone. There were many other factors on the design side in an effort to preserve the old cedars. The redesign effort was to get something that would work for road, and large enough to pass flows. An engineering consulting firm was hired to give all alternatives - they came up with a list of 20. County engineers selected the culvert. WDFW did a review of the stream and decided the culvert could be narrowed down from 14 ft diameter to 11 ft to still allow passage of fish without scouring. Historically this was a log-stringer bridge.

Vote at 10:09 AM, Unanimous yes on both the time extension and grant increase

- Lead entity, scope of work and work plan review

Friends is applying to ESRP (Estuary and Salmon Restoration Program), for match to the Feeding Salmon through Nearshore Restoration project. ESRP requires a letter of support
Vote: unanimous support for letter of support to ESRP

Byron: The fiscal year starts July 1 – I will be sending out my scope of work – please vote on it in your August meeting

10:12 AM – Adjourn CAG meeting

10:12 AM – Convene MRC Meeting, Karin Roemers-Kleven

10:12 AM – Approval of previous minutes

Laura Jo moves to approve, Christina seconds, all in favor – unanimous. Nobody opposed. Motion passes.

10:13 AM – MRC Operations Update, Frances Robertson

- *MRC Annual Conference*
- MRC annual conference at Fort Worden in Port Townsend, Nov 16-17.
- If we want accommodations in officers' housing it need to be reserved by July 31. Discussion of officers' housing.
- The conference main sponsor is the Tulalip tribe.
- NWSI working on the structure of conference - good opportunity for our MRC to showcase work. There will be a poster session for but they should also give presentations.

- *New member application (vote): Jeff Dyer (from Lopez)*
- We had one open spot (Elise DuFour's) but now we have two more (Ken and Jacqueline resigned in June).
- Jeff Dyer has submitted an application: was a Captain of ocean-going vessels, thus knowledge of large vessel interests. He's come to several meetings, involved in a lot of conservation projects.
- We should reconstitute the nominating committee to accept his application and then put out the word for two more applications and usher them through as a bundle.
- It's important to have government representation. We've also historically had someone representing the port or one of the marinas

10:30 – Phil moves to forward application to the Council, Laura-Jo seconds, all in favor, nobody opposed

- We need a posting in the newspaper (Jamie Stephens, "coordinate with Susan Kollet on that"),
- confirm where gaps in expertise are and highlight areas of unique interest.
- Start the recruitment process. We need to seek out members with willingness to spend extra time and effort – not just meetings, but volunteering.
- Some committee members have day jobs but bring valuable expertise.
- Sue may already have applications.
- When the MRC gives a presentation on something like salmon recovery many applications come in after that.

- *NW Straits Foundation Update, Christina Koons, 10:36 AM*
- Attended the NWSC June meeting in Coupeville. Saw what other MRC's are proposing through their MRC grant applications.
- Examples included;
 - Collective action around a defunct infrastructure on Whidbey Island. There was gracious outreach to landowners, invited them to a workshop to learn about the old infrastructure. 80 people showed up, did it in two locations – one in Camano, one on Whidbey. Maps and food were provided.
 - Another project with sand deposits at the base of the Elwha River, they're dealing with problems in terms of animal waste and dogs. There's collaboration with adjacent landowners who donated parking area.
- We can learn much from each others' solutions.
- Everyone is encouraged to come to the MRC conference in November.
- Comment on NW Straits commission staff: everyone is talented and hard-working. Need more effort going into the NW Straits foundation, seems like there's already good funding
- Frankie will send around minutes from that meeting.

10:41 AM – MRC Sub-Committee updates, 2018 MRC Workplan refresh, Karin Roemers-Kleven

- *Summary of MRC 2018 Work plan projects and current leads.*

- We talk a lot about certain projects because they have a time limit or a big energy build-up.
- Meanwhile, there are a few projects which have been silent and we want to make sure they're still being led & moved forward, having deliverables. So we changed the agenda to make sure that as a permanent part of it, each project is listed looking for each leader to give data points/outcomes of that project.
- For example, Karin is on plastic-free Salish Sea collaborating with Friends and planning to show how the number of restaurants communicated with and what are next steps: metrics and measurements.

Status review of active projects:

- Orcas Landing and SRKW, Frances Robertson
 - Waiting for feedback on signage in order to report deliverables.
 - After this quarterly report plans to put in an amendment to NW straits budget.
 - There has been a delay in the construction of the Orcas Landing, now it won't be done until the Fall/end of the year. We couldn't put in signs because we were delayed by land-use permitting. Now the bid has been accepted and it will be constructed in the Fall.
 - This gives us an opportunity to re-address the surveys that need to be done. That needs to happen this Fall/around labor day. That can be a fairly simple survey/interview, measurable questions regarding Salish Sea that can be re-asked next year following new signage
- Oil Spill Consequences, Marta Green
 - Local integrating action selected this as part of the 2016 plan.
 - LIO selected this project for discretionary \$100K funding, and a contract was in place with WDFW in May with two deliverables: a project plan and quality assurance project plan waiver. Both were approved. The draft request for proposals (RFP) included one for an emergency response towing vessel (multi-mission vessel but focus here is on prevention of emergency grounding).
 - It was submitted to four subcommittee members and those reviewers gave comments and feedback. Tribes were very interested in this because it's a boat traffic issue.
 - The intent is to submit RFP's on Friday to four bidders.
 - In early August we'll ask subcommittee members to evaluate proposals. 2-3 weeks should be adequate for bidders to turn those around.
 - We want to hear from Swinomish Tribe.
 - Final reports in by January so Kevin Ranker can take it to the Legislature and further substantiate measures against oil spills.
 - The probability of a spill has been assessed but economic summary of effects hasn't been made. A literature review to produce a feasibility study of oil-spill-response plan, directed to come up with a recommendation, will be available soon.
- Flag project: Pre-study survey effort, flag distribution, outreach material, Frances Robertson
 - In a month 127 responded to pre-study survey, the post season survey will run mid-September-to mid-October.
 - We have distributed 110 flags, we still need more whale watch boats to fly the flag.
 - Distributed ~5K "be whale wise" & flag inserts/pamphlets in past 2 weeks.
 - We did not get funding for the Marine Mammal Commission grant – that would have been a match with NW Straits. **have since been informed by MMC that they are able to fund our study!!*
 - Need a plan B. NFWF put out an RFP with bad timing deadline in mid-August, plan to submit an application.
 - We could come back with proposals at the August 1 meeting, talk with management to decide if we can pursue that. We currently have ~\$40K to apply to match it.

- Green Crab update, Laura Jo
 - Monitoring third lagoon at Cape San Juan, has a report to send around to group.
 - We've been working on this for 15 months, yet to find a green crab.
 - Most crabs are being found at Dungeness Spit, where they interfere with native species.
 - One was found recently in June at another search site on SJI – in Westcott Bay

11:11 AM – **Citizen input – none**

- Frankie: **'we need volunteers'** to accompany the Youth Conservation Corp with the Conservation District August 9th for a beach clean up at S. Beach. Great to have a few members of MRC there to talk to kids. Also for Orcas Island, August 13th.
- Plastic bag outreach efforts, in collaboration with Mark Herrenkohl – SW manager. July 20th and August 10th at Port of Friday Harbor and Roche Harbor 12-2pm, at both places same time. Still need volunteers for Roche Harbor for both dates, volunteers for Friday Harbor in August. Give out canvas bags to reduce use of plastic.

Byron, **'there's a drop box for MRC info'** - everyone's invited. Frankie will send link so others can join

11:15 AM – Adjourn MRC meeting



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

Wednesday, August 1, 2018

8:30 AM-10:30 AM

Call in number: [1 \(360\) 370-0599](tel:13603700599)

Brickworks, 150 Nichols St

Friday Harbor, WA

Agenda

8:30 AM	Convene Meeting <i>Karin Roemers-Kleven, Chair</i>
8:35 AM	Approval of Minutes <i>All</i>
8:40 AM	Introduction of new member Jeff Dyer: <i>Karin Roemers-Kleven</i>
8:45 AM	MRC Project updates for August 5 minutes per leader <ol style="list-style-type: none">1. Planning and Promoting Marine Stewardship: Carl Davis2. SRKW project: Frances Robertson3. Reducing pollution of marine water:<ul style="list-style-type: none">• Beach Clean Up - Laura Jo Severson (Frances) MORE VOLUNTEERS NEEDED!4. Orcas landing experience: Carl Davis (Frances & Patti)5. Restoration: Shellfish, reducing invasives -<ul style="list-style-type: none">• Green Crab Update: Laura Jo Severson• Mussel survey – Carl Davis• Kelp survey: Karin Roemers-Kleven
9:15 AM	NWSC Update: Christina Koons
9:25 AM	MRC Operations update; Frances Robertson MRC Conference – Nov 16 – 17, 2018 MRC Grant opportunities – NFWF grant update MRC Website and Social Media pages
9:35 AM	History and purpose of the MRCs; Tom Cowan
10:05 AM	Citizen input
10:10 AM	Adjourn MRC meeting
10:10 AM	Convene CAG meeting
10:10 AM	Salmon recovery plan scope: (Suzanna Stoike) CAG vote on annual workplan
10:30 AM	Adjourn CAG meeting

Attached Documents:

- July 11 MRC meeting minutes
- July 2 Vessels Sub-Committee notes
- San Juan Lead Entity for Salmon Recovery SOW summary.
- NWSC June and July meeting minutes

SAN JUAN COUNTY

MARINE RESOURCES Committee (MRC) and Salmon Citizen's Advisory Group

Meeting Minutes

Wednesday, August 1, 2018, 8:30 – 10:30am

Brickworks Events Center

150 Nichols Street, Friday Harbor, WA

Members Present: Karin Roemers- Kleven – Chair, Phil Green, Kendra Smith, Laura Jo Severson, Megan Dethier, Christina Koons – Vice-Chair, Carl Davis, Terry Turner, Kendra Smith

Members Absent: Patti Gobin, Ivan Reiff, Jeff Friedman, Byron Rot, Lovel Pratt, Jeff Dyer, Jamie Stephens

Staff: Frances Robertson – Marine Program Coordinator, Marta Green – Puget Sound Recovery Coordinator, Suzanna Stoike – Puget Sound Partnership,

Citizens in Attendance: Tom Cowan – guest speaker

****Denotes pre-meeting reading material sent to members with meeting agenda**

Convene MRC Meeting: Karin Roemers-Kleven, chair, called the meeting to order at 8:31am.

Citizen Input: None.

****Approval of Minutes:** Marine Resources Committee Meeting from July 11, 2018. Motion to approve meeting minutes with corrections was made by Kendra; motion seconded by Phil. Minutes approved by seven members, abstained by two.

Introduction of new member Jeff Dyer: Karin reported that Jeff Dyer has been approved by the county council as the newest member of the San Juan County MRC. Jeff has worked as a captain on large vessels and as a renewable energy contractor, and has been a citizen of San Juan County for more than 30 years. He is very interested in the "Plastic Free Salish Sea" project and projects that focus on protection of the Southern Resident Killer Whale populations. Welcome Jeff!

MRC Project Updates:

Planning and Promoting Marine Stewardship: Carl reported that he would like the MRC to figure out who should take this project on. The MSA (Marine Stewardship Area) plan is over 10 years old and needs to be updated. There are no maps in the plan documents to communicate where sensitive areas are, and maps are the most relevant thing to integrate into land use. Frances noted that the update has been written into the grant cycle for next year (October 2018 – October 2019.) The MRC needs to take a look and see where things need to be edited. The MSA plan is on the MRC website. Marta also noted that the MSA plan and the Protection

and Recovery plan should complement each other and not overlap efforts, as the Protection and Recovery plan came from the MSA plan.

Southern Resident Killer Whales (SRKW) Protection: Frances gave an update on MRC efforts. About 150 Whale Warning flags have been distributed now. About 80% of the US whale watching companies in the Salish Sea are flying the flags when they are near whales. One Canadian company is using the flag. Enforcement boats are also flying the flags. San Juan County Park is flying one, and some residents of the west side of San Juan Island are also flying them from land. There has been a lot of press because of the situation with J35 and her deceased calf, and there have been a lot of photos with enforcement boats, like Soundwatch, flying the flag. 5,000 Whale Wise inserts have been distributed in the last month. And there were 150 responses to the pre-season survey. The next survey will be in September. There will also be signs printed for display on docks. Karin feels that there needs to be more boater education about the issues facing the SRKW community. Outreach also needs to spread to neighboring counties and to the Seattle area. Tribes are still interested in being involved with efforts as well. Megan suggested that the MRC should contact Lynn Jacobson with the Seattle Times and get information about the Whale Warning flags to her, as a story about San Juan County's program could reach a lot of people. And it could bring attention to all species of whales in the Salish Sea, not just the orcas.

Reducing Pollution of Marine Water: Laura Jo reported that she has been working with other volunteer groups on this, and that she will have a meeting with the Soroptimists about this topic. The biggest problem volunteers are facing is what to do with marine debris after it is collected. Kendra noted that there are a couple of beach clean ups coming up: August 9th is the student beach cleanup with the Youth Conservation Corps., and they could use some help from MRC members. August 13th there is a beach cleanup on Orcas Island. Kendra will send out information about these cleanups to MRC members.

Orcas Landing Experience: Frances gave an update on the outreach project at Orcas Landing. She showed drafts of what the signs will look like and asked for feedback from MRC committee members. She also noted that she is waiting for feedback from Patti, who was unable to attend this meeting. Kendra suggested removing all the logos and adding them in a separate panel at the base of the sign. Phil suggested a key for the picture to identify species. Laura Jo suggested creating a postcard with the image and selling them as a fundraiser.

Green Crab Update: Laura Jo reported that there have been a couple of European green crabs caught in survey samples in Westcott Bay, and none yet at the beach at Cattle Point. She also noted that 80-90% of the crabs that have been collected are male. Frances asked Laura Jo to get photos of monitoring efforts so they can be put on the MRC website and in the annual report.

Mussel Survey: Carl reported that he is Ken Carrasco's assistant for this project, and the project will be starting soon.

Kelp Survey: Karin reported that she attended two Northwest Straits workshops on the kelp monitoring project. The south sound has lost an estimated 80% of its bull kelp. Around San Juan Island, kelp is disappearing as well. More studies are needed to determine the true extent of bull kelp loss in San Juan County. Phil added that he had been doing the kelp surveys for the past few years, and that these surveys are just a drop in the bucket. We need more studies on the health of the kelp, not where the kelp is or isn't. Better methods and appropriate

equipment are needed as well. Megan added that the state does aerial surveys of all the kelp beds, and the data are available on line. She reminded everyone that the aerial surveys do not tell the whole story of what is going on under the water, and that other, natural processes may be occurring and affecting surface kelp.

Northwest Straits Commission (NWSC) Update: Christina reported on the NWSC. She attended meetings in June and July (by phone), and got an update on what projects other MRCs are involved with. There is a lot of good work being done around the sound that focuses on kelp monitoring, forage fish monitoring, Pidgeon Guillemot monitoring, water quality monitoring, shellfish monitoring, vegetation enhancement, eel grass monitoring, education and outreach, and volunteer engagement. There is also a film being put together by filmmaker Florian Graner that will be used to help educate children. This year's Salish Sea Stewards class had 26 graduates. That program has amassed 21,112 volunteer hours since 2012. Christina extended an invitation to committee members to join her for a field trip to see the Manchester Olympia Oyster facility on August 21st. There is also a celebration for Long Live the Kings on the Lundgren property on Orcas Island on August 25th from 11am – 3pm. The annual NWS conference will be at Fort Warden from November 15th – 17th. Frances will let MRC members know about travel costs and what may be covered.

History and the Purpose of MRCs: Tom Cowan, from the NWSC executive committee, talked to MRC members about how the NWSC and SJC MRC came to be. The creation of the NWS and MRCs came from a failed attempt to create a national marine sanctuary (NMS.) In 1982, Tom was elected to the county council. Back then, there was recognition of Puget Sound as an important natural resource, but there was also degradation of it. When a national marine sanctuary was proposed for Puget Sound, the proposal was met with strong resistance. None of the other 13 national marine sanctuaries that are overseen by NOAA had communities around them, and therefore did not have the same concerns. Citizens of Puget Sound were worried that the creation of a national marine sanctuary would lead to fishing and boating being banned. There was a lot of hysteria surrounding the proposal. In 1994 all seven counties that surround the Puget Sound formally opposed the creation of the NMS. Two county council members voted yes, and Tom was one of them. He wanted to see a draft plan before he officially opposed the plan. In 1996, the San Juan County Commissioners wanted to show people that the citizens of San Juan County can set up and protect the local environment. John Evans created the San Juan County MRC. The MRC was charged with advising the county council about marine issues, helping guide policy, and taking on projects to help protect the MSA. In 1997, Senator Patti Murry and Congressman Jack Metcalf appointed a blue ribbon committee to create models for ecosystem protection. It was a very diverse committee that had members with varying viewpoints. Tom was asked to monitor this committee. The group met weekly in Anacortes, and after one year agreed that a consensus building, bottom up process would work best. San Juan County stepped up and said the MRC is this model. Other MRCs and the NWSC were created. In October of 1998, the Northwest Straits Initiative was created and approved by congress because of the bipartisan efforts. Within one year, the other six MRCs were appointed and operational. The MRCs gave local communities the ability to prioritize local needs. In the initial congressional authorization, there was a built in national evaluation that would take place after five years. Bill Ruckelshaus decided after only four days of evaluation to expand the program. The San Juan County MRC then took on creating the MSA. It got off to a rocky start, as some tribes felt like the MSA trampled tribal rights. The MRC worked with the county council to create the MSA in 2004, and eventually the MSA Plan in 2007. In 2006 the NWS budget was cut in half. Now, Senators Patty Murry and Kevin Ranker

are working to get the budget doubled. And volunteers have been key to the NWS Initiative's success.

MRC Operations Update: Frances gave an update on the NFWF grant. The MRC got the grant. Funds will go towards analyzing the effectiveness of the SRKW warning flags. Projects for a 1 to 1 match include expanding the education and outreach efforts for the whale warning flags program. Soundwatch also needs support for education and outreach efforts. There is about \$140K in match. Kendra added that a land owner has agreed to allow a hydrophone to be placed off their property on Eagle Point. This will be funded by the ECHO (Enhancing Cetacean Habitat and Observation) program, a Vancouver Fraser Port Authority-led initiative aimed at better understanding and managing the impact of shipping activities on at-risk whales. Some of these funds could go to management options for this project in the future. There may be another \$80K ask for next year as well. Kendra asked MRC members to consider allowing San Juan County to pursue funding for SRKW initiatives. Collectively, the group agreed. Frances also reported that there are new statistical techniques emerging that will produce more thoughtful ways of figuring out where no go zones for the SRKW should be, allowing for different management options for different stakeholders.

***Motion to adjourn MRC meeting:** Motion to adjourn the MRC meeting made by Megan, Seconded by Kendra. Motion approved unanimously.

MRC Meeting Adjourned at 10:29 am

**Salmon Citizen's Advisory Group,
Watershed Regional Inventory Area (WRIA) #2 Meeting
Wednesday August 1, 2018**

Adjourn MRC meeting and Convene Salmon Citizen's Advisory Group Meeting: Meeting called to order by Karin Roemers-Kleven, chair, at 10:30am.

Citizen input: None.

Salmon Recovery Plan Scope: Suzanna Stoike with the Puget Sound Partnership reviewed the salmon recovery plan scope. The scope of work is for the Salmon Recovery Lead Entity position, currently held by Byron Rot. The Salmon Recovery plan is like a three legged stool. It includes the lead entities, the citizen's advisory groups (CAG), and the coordinators. The plan is negotiated on a state cycle on a two year contract. San Juan County is working with about \$123K. Suzanna asked the CAG to consider the plan and decide if the plan represents what the CAG wants to see happen in the next two years. Discussion followed. Kendra commented that she feels that more of Byron's time should be spent on project management, not just getting the word out about policy. The review process for projects takes too long and needs to be streamlined. She would like to see more support for getting work done on the ground. Suzanna explained that Byron's position is as a process manager, not as a project manager. The details of his contract should be worked out between him, San Juan County, and the Governor's Salmon Recovery Office (GSRO.) This plan has to be approved by the CAG and signed before projects can get funded.

*A motion to approve Byron Rot to submit the salmon recovery plan scope to GSRO was made by Megan, seconded by Phil. Motion approved unanimously.

***Adjourn Salomon Citizen's Advisory meeting and reconvene MRC meeting:** Motion to adjourn the Salmon Citizen's Advisory meeting was made by Kendra, seconded by Megan. Motion approved unanimously. Meeting adjourned at 10:48am.



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

Wednesday, September 5, 2018

8:30 AM-10:30 AM

CAG Meeting 10:30 AM – 11:00 AM

Call in number: to be sent.

Legislative Hearing Room

5 Second Street - Friday Harbor, WA

Agenda

8:30 AM	Convene Meeting <i>Karin Roemers-Kleven, Chair</i>
8:35 AM	Approval of Minutes <i>All</i>
8:37 AM	Orcas Landing content: <i>Karin Roemers-Kleven</i>
8:40 AM	Presentation NW Straits Foundation: <i>Lucas Hart</i>
9:10 AM	Review of previous recommendations to SJ Council re SRKW: <i>Kendra Smith</i>
9:30 AM	New recommendations to Council r/t Task Force on SRKWs :
	1) Prey: Byron Rott with experts Tina Whitman and Kimball Sundberg a) Potential impact of increasing hatchery fish (10 min) b) Salmon Habitat SJI (10 min) c) Potential impact of culling Pinnipeds (10 min) 2) Vessel Impact: Jeff Friedman, Lovel Pratt (5 min) 3) Contaminants/Oil spill prevention: Lovell Pratt (15 min)
10:20 AM	Formation of Ad Hoc October MRC Workshop Sub Committee
10:25 AM	Moving the day of the meeting to the first Tuesday or Thursday
10:30 AM	Citizen input
10:35 AM	Adjourn meeting
10:35 AM	Convene CAG meeting: <i>Karin Roemers-Kleven, Chair</i>
	Options for future meetings: <i>Byron Rott</i>
11:00 AM	Adjourn CAG meeting



**SAN JUAN COUNTY MARINE RESOURCES COMMITTEE
& CITIZEN'S SALMON ADVISORY GROUP**

**Wednesday, September 5, 2018
MRC 8:30 AM-10:30 AM, CAG 10:30 AM – 11:00 AM**

**Legislative Hearing Room
55 Second Street - Friday Harbor**

MEETING MINUTES

Committee Members in Attendance – Carl Davis, Megan Dethier, Jeff Frey, Phil Green, Karen Roemers-Kleven, Christina Koons, Lovel Pratt, Ivan Reiff, Byron Rot, Kendra Smith, Terry Turner, Jeff Friedman, Tina Whitman, Kimball Sundberg

Committee members not in attendance –Patty Gobin, Frances Robertson, Laura Jo Severson, Marta Green, Jamie Stephens

8:34 AM	Convene Meeting <i>Karin Roemers-Kleven, Chair</i>
8:35 AM	Approval of August Minutes <i>All</i> Megan moves to approve, Phil seconds, all approve
8:36	Orcas Landing Content <i>Karin Roemers-Kleven</i> Subcommittee needs to make language modification, this doesn't require a vote from the MRC. Terry and Christina will discuss and then finalize with Kendra
8:37 AM	Presentation, NW Straits Foundation: <i>Lucas Hart</i> Lucas Hart, Director of the NW Straits Foundation, here to talk about the NW straits initiative which includes all MRC's (passes around Initiative document). NW Straits conducted an Initiative Retreat to discuss their 5-year Strategic Plan and came up with six themes: Long-term stable funding, structural support to MRC's, Stewardship, etc. This is summarized in the poster on the last page of initiative plan. Lucas invites communication if anyone has comments. For now briefly discuss goals, start with THEME: STEWARDSHIP, review objectives. Christina makes a motion to create a task force to contribute to this plan, Karin seconds. CLARIFY: the 30 days public comment period would close before next MRC meeting, Oct. 4 th . Motion withdrawn. Lucas turns to Structural Support for MRC's (review point in document) One rule-of-thumb is that projects won't go forward unless there's a volunteer from the MRC who can lead the subcommittee (and foster other volunteers etc.) For example: Skagit has the <i>Sound Stewards</i> program, it's an MRC project that coordinates the training of (external) volunteers and then connects them with opportunities. Whatcom has replicated that model with North Sound Stewards
9:16	Vessel working group update <i>Jeff Friedman and Lovel Pratt</i> The 400yd distance requirement has been taken off the table in favor of a slower/no-wake speed (5 - 7 knot speed limit within one kilometer of whales). Discussion of no-go zones continues. Oil spill prevention has also been recognized as a big issue for SRKW, so the task force has a few recommendations regarding oil

9:47 AM

spill prevention, including support for an Emergency Response Towing Vessel in the San Juans, additional tug escort requirements (balancing increased oil spill prevention with additional vessel traffic impacts to SRKWs), and ban offshore oil/gas development

Ecology will be issuing a Vessel Traffic Safety Report in January (resulting from E2SSB 6269). In this report they're not doing a new cost/benefit analysis but referencing one from 2012 which estimates the cost of oil spill in SJC to be \$188 million which did not include impacts to private property. The contract for the MRC's oil spill consequences in SJC assessment is being awarded and will likely show higher impacts.

New recommendations to Council r/t Task Force on SRKWs :

1) Prey:

a) Potential impact of increasing hatchery fish: *Byron Rott*

Byron passes out a document from SRKW task force which summarizes a 90-page spreadsheet. There are 5-7 categories here, the '4 H's + P' = Hydropower, Harvest, Hatchery, Habitat and Predation

The Nooksak Chinook run is a good place to focus, currently no fish ladder, possible dam removal? And the snake river dams. But those salmon are under heat stress, it's possible we could remove dams but salmon could still be in trouble. Moving onto hatcheries – there's a proposal on the table to increase production of Chinook to 50 million (currently 20, with 30 million total in Puget Sound). Glenwood springs hatchery is proposing to expand their output 3-fold to 1.5 million smolts. Dumping 10 million smolts in Eastsound. But percentages of returning fish have been low and declining in recent years so increased hatchery production doesn't necessarily mean more big fish available for orcas.

b) Salmon Habitat SJI: *Tina Whitman*

Jump to #3, restoration and protection. We need a more stable funding source than what we have. We're increasingly tied to capital budget. Habitat protection is an important factor for SRKW, it can be voluntary with land-owners and conservation easements but we really need it in the regulations. Restoration is not providing 'net-gain'. A salmon recovery plan requires no net loss.

10:20 AM

Review of previous recommendations to SJ Council re SRKW: *Kendra Smith*

Kendra emailed a document showing the outcome from the community action workshop last October (with color-coding in the back showing progress with different projects that citizens wanted the county to do)

Goals:

- Getting a hydrophone at South San Juan to look at acoustic impacts of small vessels. An array here would detect vessels from Pile Pt. to Cattle Pt.
- Whale warning flag program
- Protecting foraging hot-spots, managing the overlay of presence of whales & boats with physical habitat of West side with acoustic data to see if there are certain locations where we need more intensive strategies
- SJ SRKW recreational viewing & management feasibility, i.e. more land-based opportunities, dispersion strategies, alternative options if there are certain hotspots (provide recreational alternatives, work with Parks)
- NW strategy for climate resilience, the Snake River is a low resilience sys-

	tem (know from climate modeling etc.). State task force needs to communicate with other Pacific states. Next workshop: October 25th Carl makes a motion in support of the projects described in the document circulated by Kendra. Megan seconds. All in favor, none opposed.
10:32 AM	Formation of Ad Hoc MRC Workshop Sub Committee Currently planned for Oct. 25 th , any volunteers to set up agenda and invite community? Karin, Lovel, Christina, Carl Tina: not volunteering but want to suggest that you engage the TAG
10:35 AM	Moving Meeting time Permanent meeting space at the Grange/ Carl moves we change the meeting to first Thursday of the month. Phil Seconds. Terry abstains, everyone else approves, 7 voting members in favor
10:25 AM	Citizen input Lucas corrects earlier statement: the Skagit county program is “Salish Sea Stewards”, Whatcom is Northern Salish Sea Stewards.
10:37 AM	Adjourn meeting - Carl moves we adjourn, Karin seconds, all approve
10:38 AM	Convene CAG meeting: Karin Roemers-Kleven, Chair
	Options for future meetings: <i>Byron Rot</i> , How much time do we need for the CAG? First idea: it seems like there’s time (based on ferries) to expand the MRC meeting time and make enough time for salmon recovery discussions. Second Idea: is there an opportunity to change how we run meetings? (MRC, strictly devoted to salmon and project presentations and scoring). Two meetings a year devoted to salmon is not enough policy-wise. Proposal: there was an MRC salmon sub-committee in the past, we could rein-vigorate that and add some TAG members. That group could kick off the salmon recovery chapter update. Comes out every 10 years but the last one was in 2005. Should include visions, goals etc. The sub-committee could meet outside of MRC meetings and get at salmon issues we don’t have time to address here. Lovell makes a motion to form a salmon sub-committee with Byron, Karin, Terry, Phil, Carl, Christina. Terry seconds, all in favor, none opposed. Timing – half hour is ok if the subcommittee is meeting outside and reporting Question: should we reopen the MRC meeting to vote on meeting time expansion?
10:55 AM	Adjourn CAG meeting. Lovel moves, Carl seconds, all approve

- 10:55 Lovel moves to re-open MRC meeting, Carl seconds, all approve
Motion to hold meetings first Thursday of the month 8:30-11am, all in favor
- 10:56 Carl moves we adjourn MRC meeting, Karin seconds. All in favor, meeting adjourned



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

Thursday, October 4, 2018

8:30 AM-10:30 AM

CAG Meeting 10:30 AM – 11:00 AM

Call in number: to be sent.

Legislative Hearing Room

5 Second Street - Friday Harbor, WA

Agenda

8:30 AM	Convene Meeting: <i>Christina Koons, Co-Chair</i>
8:35 AM	Approval of Minutes: <i>All</i>
8:40 AM	Sand lance and eelgrass project proposal: <i>Tina Whitman, Friends of the San Juans</i>
9:00 AM	MRC grant obligations: <i>Kendra Smith</i>
9:15 AM	Seattle Boat Show and Whale Wise education: <i>Kendra Smith</i>
9:25 AM	MRC Community Meeting and the Ad Hoc Sub Committee: <i>Kendra Smith</i>
9:35 AM	Westside Management and NFWF grant: <i>Kendra Smith</i>
9:45 AM	Alignment with Chambers of Commerce: <i>Christina Koons</i>
10:05 AM	Membership recruitment and attendance policy: <i>Christina Koons</i>
10:25 AM	Citizen input
10:30 AM	Adjourn meeting
10:35 AM	Convene CAG meeting: <i>Christina Koons, Co-Chair</i>
	SJC Salmon Recovery Chapter and the MRC: <i>Byron Rot</i>
	Update on the salmon recovery grant: <i>Byron Rot</i>
11:00 AM	Adjourn CAG meeting

Committee Members in Attendance – Kendra Smith, Megan Dethier, Phil Green, Christina Koons, Ivan Reiff, Terry Turner. Committee Members called in: Jeff Friedman

Non-Committee in Attendance: Byron Rot, Tina Whitman

Committee members not in attendance – Patti Gobin, Laura Jo Severson, Jamie Stephens, Jeff Dyer, Karen Roemers-Kleven, Lovel Pratt, Carl Davis,

Non-Committee not present: Frances Robertson

8:35 **Convene Meeting:** *Christina Koons, Vice-Chair*

8:36 **Sand lance and eelgrass project proposal:** *Tina Whitman (Friends of the SJ's)*
Salmon recovery projects update/overview,

- **First project:** Herring Spawning Habitat.
 - **Goal:**To mitigate stressors on eelgrass in herring spawning areas (Eastsound-Orcas, Mud and Hunter Bays-Lopez, Blind Bay-Shaw).
 - Scope of project:
 1. Work with buoy owners/installers to upgrade designs in priority areas.
 2. Work toward voluntary eelgrass protection zones and provide mooring buoys outside eelgrass zone. This already exists with one sign on the dock at Eastsound but needs more outreach about anchoring. This is a top priority for the Eastsound planning review committee. Jefferson County is doing this successfully in Port Townsend. FSJ has secured SRFB funds for boater outreach and to implement a no anchor zone at one site - moving forward at Eastsound.
 3. Seeking to protect tidelands that include herring spawning grounds (through donation or purchase) for potential restoration, in partnership with the preservation trust. Tina shows maps where herring spawning areas are identified. Seeking MRC as a partner for this project.
- **Second project:** Pacific sand lance spawning habitat protection project though exploratory surveys and mapping.
 - Planned spawning surveys for the next three winters, Nov-Jan 2018/9 – 2020/21, targeting beaches along San Juan Channel on both Lopez and San Juan Island, but will also include beaches around the San Juan Islands.
 - Focus on beaches adjacent to known spawn sites and places where adult sand lance have been recorded from beach seining.
 - This year using volunteers already trained in forage fish surveys, next year outreach to get more people engaged.

- Friends interested in engaging shoreline landowners next year to monitor their beaches. We need large community engagement because low tide windows in day in winter are limited. WDFW trains and certifies. Friends of the San Juans will host a local training fall 2019. There will be a map/timeline of where people are needed when, looking at documented spawning sites to maximize sampling times. Seeking MRC to help publicize call for volunteers for this project, next year.

9:10 **Approval of Sept. Minutes:** *Megan moves to approve, Phil seconds. All in favor.*

9:11 **MRC grant obligations:** *Kendra Smith*

Kendra shares grant agreement started on Oct. 1 with NW Straits commission

- **Task 1.** Daily operations
- **Task 2.** SRKW outreach and education around boater awareness, flags, public forums, etc. Includes second community workshop planned for Dec. 6. This task includes monitoring the effectiveness of the flags and documenting effects of outreach.
- **Task 3.** Plastic-free-Salish-sea, Karin is taking the lead. Should involve some media campaign, Carl will help, working with the SWAC.
- **Task 4.** Revise area plan, hasn't been updated for over a decade. Ecosystem Recovery document integrating planning processes. Need plan to be map-based with GIS data.

We have \$75K applied – covers Frankie on 50%FTE but requesting to make her full-time. Also, looking at strategies for steady stable funding for Marine Resources.

We'll be talking with the Council on Oct. 24th regarding continuous support for the MRC.

ACTION ITEM: Terry agrees to be on sub-group for spearheading letter request for funding to council to support full-time coordinator position to support MRC activities.

9:21 **Seattle Boat Show and Whale Wise education:** *Kendra Smith*

January 25th -Feb. 2nd, an opportunity for boater outreach. The boat show has offered a free booth for SRKW education, to promote "BE WHALE WISE" and the flags. Kendra is seeking volunteers to spend time in Seattle. Free admission for volunteers.

We still have approx. 250 flags. Also looking at the effectiveness of the size of flags. We plan to distribute more flags on the docks here on San Juan Island.

9:31 **MRC Community Meeting and the Ad Hoc Sub Committee, Westside**

Management and NFWF grant: *Kendra Smith*

This is pushed out to December 6, we'll need a subcommittee meeting.

Updates: we've spoken with NFWF about the Westside management contract. Kendra points out adjustments in date and timing that are included in the pdf she sent out.

Now (October) we need to connect with stakeholders before they leave post-season.

Two-day stakeholder workshop will happen in January with target of communicating to State & feds about the needs of community and stakeholders. Dates will be determined soon. Also working with key scientists to pull together acoustic and physical data.

9:41 **SRKW Task Force Report**

This is the info that Byron, Frankie, and Kendra pulled together for Jamie. Kendra passes around a document with recommendations for how to answer questions.

Suggestions need to be submitted to the Task Force via the County Council. They're due on Oct. 7. All MRC members are encouraged to respond individually.

9:50 **Alignment with Chambers of Commerce:** *Christina Koons*

This letter was sent to the MRC and staff, states that the Chamber of Commerce votes not in favor of a West-side no-go zone, saying this will adversely affect Anacortes tourism. It refers to Ken Balcomb's research that this no-go zone won't affect SRKW. We should engage with our local business community about the County's work.

10:02 **Membership recruitment and attendance policy:** *Christina Koons*

- We have two vacant positions we need to fill.
- We need some shape on that process.
- Regarding attendance: in the past there have been some gaps in participation. Karin wants to develop a participation policy. People can call in, emails have been responsive.

10:25 **Citizen input**

Friends of the San Juans is hiring a marine program assistant 50% FTE, open until filled.

10:15 **Adjourn meeting.** Kendra moves to adjourn, Phil seconds, all in favor.

10:15 **Convene CAG meeting:** *Christina Koons, Co-Chair*

- Document passed around, confirms that SRKW are feeding primarily on Fraser River Chinook. Shows updated list of projects and numbers pulled from RCO database.
- RCO letter of support: it's about supporting funding for these programs. For this letter, we can remove "MRC" and have it come from the CAG.
- The MRC is an advisory board to the Council, but the CAG is its own independent group. This is in response to the Salmon Recovery Council Meeting last Thursday in which it was stated that the Governor's office isn't hearing enough about Salmon Recovery from Washingtonians. This letter is about informing the Governor this is a priority to the CAG, it speaks specifically to fully funding the RCO budget request for salmon recovery (not to the Task Force).

VOTE: Megan moves that we approve Byron's letter to the Governor with the MRC logo removed, Terry seconds. *All approve* (seven in support), Karin, Carl, Lovell, and Laura Jo already supported. *can go back through emails to confirm proxy votes

Update on the salmon recovery grant: Byron Rot

- Regarding salmon recovery there are two grants the CAG is facilitating. One is SRFB and the other is PSAR. The first \$30 million of PSAR is small projects like what we approved in July.
- The remainder of the \$79.6 million ask to the Governor is 11 PSAR Large Cap projects proposed (over \$1million) for funding across Puget Sound.
- The vast majority benefit Chinook.
- In the Task Force there's a big focus on Chinook, which is about 80% of SRKW diet. But seasonally they feed on Coho and Chum, so we can't forget these other species.

10:30 **Salmon Recovery Plan CHAPTER update**

Karin/Terry/Phil/Carl/Christina volunteered previously for a salmon subcommittee on MRC.

- For the recovery plan update, we will need to start with visions/goals/objectives – updating the 2005 report. The 2005 report focused on studies. Since we've completed many studies including PIAT and PIAT II, we are now focused on 1) Protection, 2) Restoration, 3) Studies. Next step is coming up with measureable outcomes and goals.
- The Marine Stewardship (MSA) plan update, Ecosystem Recovery and Protection Plan and other existing plans should align and reinforce each other.
- The Partnership's goal in terms of shoreline armoring is to restore more than we're building. That means we need to know what's out there, Friends of the San Juans has a proposal to the LIO to locate and map shoreline armor in San Juan County.

10:38 – freshwater planning effort

We have 9 watersheds, looking at 8 (Hummel Creek on Lopez is the 9th – suggestion that Davis Bay would be a better representative). On SJI: Garrison, False Bay. On Orcas Is.: West Beach creek, Crow valley, fish trap, Bay head, Cascade, and Doe Bay Creek. Identify limiting factors and then ask residents for help. Most impacts come from in-channel ponds (passively filled). Creek doesn't flow until all ponds are filled, that can mean a delay of 1-2 months before there's enough flow for salmon to spawn (not until November). All these systems have had at least cutthroat and some salmon as well. There are anecdotes of salmon fishing in the San Juans as recently as 1970's.

ACTION ITEM: Byron to send out a doodle poll to set up a meeting of the chapter update

10:47 Adjourn CAG meeting. Kendra moves to adjourn, Megan seconds, all in favor.

Next meeting, first Thursday November 1st at the Grange



**SAN JUAN COUNTY
MARINE RESOURCES COMMITTEE &
CITIZEN'S SALMON ADVISORY GROUP**

Thursday, November 1, 2018

8:30 AM-10:30 AM

CAG Meeting 11:00 AM – 11:30 AM

Call in number: to be sent.

The Grange

1502 First Street North

Friday Harbor

Agenda

8:30 AM	Convene Meeting: <i>Karin Roemers-Kleven, Chair</i>
8:35 AM	Approval of Minutes: <i>All</i>
8:40 AM	Update on Governor's SRKWs Task Force related recommendations and next steps: <i>Giles, Jeff Friedman, Lovel Pratt, Jamie Stephens</i>
9:40 AM	Proposal for "Plastic Free, Salish Sea" Garbology Community Workshop: <i>Karin Roemers-Kleven and Carl Davis (vote needed)</i>
10:00 AM	North of Falcon letter: <i>Frances Robertson and Byron Rot</i>
10:30 AM	MRC conference details: <i>Frances Robertson</i>
10:40 AM	MSA review: <i>Frances Robertson</i>
10:55 AM	Public comments
11:00 AM	Adjourn the meeting: <i>Karin Roemers-Kleven, Chair</i>
11:02 AM	Convene CAG meeting: <i>Karin Roemers-Kleven, Chair</i>
11:05 AM	Introduction of Laura Ferguson, Puget Sound Partnership: <i>Byron Rot</i>
11:10 AM	CALF salmon recovery presentation: <i>Byron Rot</i>
11:25 AM	Climate change integration and chapter update: <i>Byron Rot</i>
11:30 AM	Adjourn CAG meeting: <i>Karin Roemers-Kleven, Chair</i>

Committee Members in Attendance –Megan Dethier, Phil Green, Laura Jo Severson, Karen Roemers-Kleven, Lovel Pratt, Ivan Reiff, Marta Green

Non-Committee in Attendance: Byron Rot, Laura Ferguson, Deborah Giles, Frances Robertson

Committee members not in attendance – Carl Davis, Jeff Dyer, Jeff Friedman, Patti Gobin, Christina Koons, Kendra Smith, Jamie Stephens, Terry Turner

8:47 AM **Convene Meeting:** *Karin Roemers-Kleven, Chair*

8:47 AM **Approval of Minutes:** DELAYED to next month, *waiting for quorum.*

8:50 AM **Update on Governor's SRKWs Task Force - related recommendations and next steps:** *Lovel Pratt*

- There are three working groups within the Governors' Task Force representing key threats: PREY (Giles and Kendra) VESSEL DISTURBANCE (Jeff, Lovel, and Frances), and CONTAMINANTS.
- These threats are linked. Fewer salmon means less for orcas to eat. Vessel noise makes communication and foraging difficult, requires more energy, causes blubber to burn and release contaminants into blood stream causing health impacts.
- The contaminants issue is getting the least attention out of the 36 current recommendations under consideration. PCB's were banned years ago but they're still and released from the environment. PCB's accumulate up the food chain from plankton to fish to orca at the top. Transient killer whales bodies' have higher contamination loads but because they're getting enough food, not as affected by contaminants. Contaminants are viewed as a long-term issue.
- Priority is getting whales food now. Task force goal = increase the population of local SRKW by 2.3% per year by increasing salmon prey by 15% and decrease vessel noise by 50%.
- According to Ken Balcomb, the whales need 400K fish every year, that means 4 million need to be available. That means reducing loss of Chinook from bycatch.
- On the issue of vessel noise and disturbance, the large tankers have lower frequencies that interfere more with whales' ability to communicate. The smaller boats (whale watch and recreation) have higher frequencies that mask echolocation, interfering with hunting. Ferries are on the water 24/7 365 days a year, 70% of commercial vessel traffic because of sheer volume.
- There are 36 recommendations in current draft issued on 10/24, Lovel's highlights;

Goal 1 = increase Chinook abundance. Related recommendations:

1. increase investment in habitat restoration (freshwater, less nearshore)

2. more related to SJI's – funding restoration of nearshore habitat
3. enforce habitat protection laws, take advantage of the authority we have
4. strengthen regulations that protect habitat important to orcas. example: legislation regarding single-use docks and shoreline armoring
5. incentive programs to encourage habitat restoration
15. Monitor forage fish pops,
16. zooplankton sampling program

Goal 2 = decrease disturbance from vessels

17. “go slow” bubble;
18. permit for whale watch operators (not currently supported by whale watch association due to prohibitive language changes)
19. require annual “be whale wise” certification for recreational boaters
20. increase enforcement for small vessels
21. discourage use of echosounders and transducers within 1 km of orcas
22. Implement large commercial shipping noise-reduction
23. Design quieter ferries, plug-in/hybrid-capable, quieter and fuel-efficient
24. Increase protection from the risk of a catastrophic oil spill
- 24A. emergency response towing vessel (Dept. Ecology recommendations)
- 24B. require shipping industry to fund an ERTV, i.e. tug escort.

Background: the Neah bay-based rescue tug has had tremendous success, established and funded by WA state legislature initially until industry funding could be found. Now ships going into major ports pay a fee that supports that rescue tug. Request from an environmental coalition to amend wording in 24B to not assign costs to shipping industry since it doesn't seem realistic. Marta is working on a draft report regarding progress toward an ERTV, available in December. This is an MRC near-term action which will inform the Legislative process.

TIMELINE:

November 6, 2018 is the next & last task force meeting

November 16, 2018 – report due with recommendations

December 2018 – governor proposes 2019 budget (a two-year biennial budget)

January 14, 2019 – Legislative session begins (105 days)

October 1, 2019 – SRKW Task Force year 2 report due. This will address noise concerns with the Navy from both vessels and aircraft.

If the MRC has priorities to communicate the best way would be to ask the Council to write to the Governor once recommendations are finalized.

For some, the ‘silver bullet’ is hatcheries. 50 million additional hatchery fish (now 23 million in PS) has been proposed, could impact wild fish. Proposal at Glenwood Springs hatchery on Orcas to double production – now 900K, up to 1.5 million.

If we ramp up production,

1. we don't know if the food web can support more hatchery fish
2. Timing of dumping – to separate wild fish from hatchery fish temporally
3. PS is already a place where fish aren't surviving well, is it predation?
4. If hatchery fish spawn with wild fish there could be loss of genetic robustness

9:48 AM Proposal for “Plastic Free, Salish Sea” Garbology Community

Workshop: *Karin Roemers-Kleven*

VOTE NEEDED – but *no quorum*.

ACTION ITEM: Karin will present it here and vote by email next week so we can show it to the NW Straits Commission.

- The original idea was to look for a project we could do as an MRC or with the community to reduce single-use plastics. We established a subcommittee to partner with Lopez/San Juan/Orcas waste management and Friends of San Juans. Combine forces and to put on a garbology workshop. It will:
 - use experts, waste management directors. Motivate decisions about garbage.
 - where does recycling actually go? alternatives to China taking materials.
 - showcase new technology being generated here on the Island.
- Planning to ask for \$10K. Expenses will be space at the Grange or Brickworks, food, and marketing. Eye-catching mailer will go out to all Islands to get the message out.
- Carl Davis is a cinematographer, making a video of local inventions to present at the NW Straits conference to motivate reduction of single-use plastics
- The conference will be in April – Earth Day. Ride the wave of awareness.

9:58 AM Task Force – Prey issues: *Deborah Giles*

- Connected with the issue of Harvest, bycatch got added into the 2nd Task Force meeting and quickly ascended to the top of list of things that could be feasible in Year 1. There have been ways to monitor bycatch but it hasn't been mandated. Example solution: providing ways to escape nets such as LED lights like a 'landing strip' along the net that salmon can follow out ("Excluder" device). Giles related a case in which an informant reported 40K lbs. of Chinook ending up in the back end of a Hake net (not recent). This could have been avoided by behavioral modifications on the part of fishers. Regulators always go to gear (eg; make net mesh bigger or smaller). BUT they can do things like slow down or not fish as deep. Putting those fishers in contact with the task force will be a goal for Year 2
- Pacific Salmon Treaty (PST), between WA ,BC, Alaska, Oregon (US and Canada). The treaties are “rules of the road” for the next 10 years in terms of coordinating harvest. SRKW mentioned in this treaty for the first time – a huge step.
- (The PST is international, the North of Falcon includes just the U.S.)
- The PST is about fisheries management and investing in habitat conservation efforts. Meetings are often in Vancouver. Giles plans to get more involved with fishery harvest. Karin is also interested in participating in those meetings.
- Columbia river would provide food at key times of year if/when dams are down. Historically Snake River would have the biggest fish and likely won't

get those back. But anything from the Columbia is good. There is no silver bullet, even if we could clean up all contaminants and remove all boats. It must be multi-faceted; absolute statements fracture us as humans and keep us from working together.

10:26 AM Workshop

Frankie sent a draft agenda to the workshop sub-committee. Workshop is at Brickworks Dec. 6th all day. There's a save-the-date notice on MRC website.

ACTION ITEM: Planning Sub-committee needs to meet

10:27 AM MRC conference details: *Frances Robertson*

Frankie is on killer whale panel, Karin and Carl are on Plastic-Free Salish Sea, Lovel will present "ignite". Frankie reviews accommodations and transportation for participants. Stay for the nights of the 15th and 16th. Still waiting to hear from Carl and Jeff to confirm. This will be our biggest contingency to visit an MRC conference.

10:30 AM CALF salmon recovery presentation: *Byron Rot*

Byron shows presentation from the CALF workshop. Focus on a climate change strategy for salmon. Need project managers to consider climate change.

The key thing about the Snake River as time goes forward is increased heat in the lower river (SE part of WA). We need to mitigate effects of temperature such as thermal refugia. One way is to reconnect flood plains, then cooler groundwater can come back into river. Planting trees to engage the flood plain.

10:36 Introduction of Laura Ferguson, Puget Sound Partnership: *Byron Rot*

Based in Tacoma near PS Partnership's office, attendance at some MRC meetings.

10:47 AM MSA review: *Frances Robertson*

Kendra reviewed projects at last meeting, needs a sub-committee. Frankie can send around deliverables. Identify how to start process. Convert MSA doc to Word?

ACTION ITEM: Terry needs to convene sub-committee & Frankie to send MSA plan to Committee

10:49 AM Public comments *no public present.*

Laura Jo – IOSA is holding a training on Lopez this Saturday for oil spill response

10:50 AM Adjourn the meeting: *Megan moves, Lovel seconds, all in favor.*

10:50 AM Convene CAG meeting: *Karin Roemers-Kleven, Chair*

Budget numbers: *Byron Rot*

Related to task force recommendation #1 is full funding for the RCO (Recreation and Conservation Office) in the Governor's budget. ESRP asked for 20 million last year and received 8 so they're asking for 20 again. This is coming from 20 billion State biennial budget. Approx. 4-8 billion goes to roads, 3-4 billion to capital budget, the rest is the operational budget. Funding for salmon projects comes from capital

budget, as does schools and anything related to building, health– a lot of competing funding. First, governor needs to include it, then goes to the legislature where funding is usually decreased. So, it's important to contact the Governor.

ACTION ITEM: Byron will talk to Jamie about the Council contacting the governor to support recommendation #1 *Megan moves, Karin seconds, all in favor*

11:00 AM Draft Salmon Recovery Lean Study

- Goal of the study is to become more efficient. What we have now is a bottom-up, local process. In the early days of salmon recovery, all entities would present projects and a funding board would decide. The Lean study is focused on efficiencies across the State, considers 6 or 7 organizations, but focused on local processes. PSP is the regional salmon recovery organization for Puget Sound.
- The current process: send out pre-application, project sponsors complete it, then a field trip, review panel, then CAG does project list/scoring/ranking. Then a second review, for projects that are flagged their sponsor presents to review board.
- New process (will be proposed to the Salmon Recovery Board in December): Embed review panel into the lead entity process, review proposals at the same time.
- Instead of September they'll meet in June (pulling everything up three months)
- We (the CAG) will still rank & score after the initial review process.

Recommendations:

- #3.1 – 3.4 gets into the nitty-gritty of change. Eg. consolidating lead entities, changing funding streams, all pushed out to 2019. *Propose to discuss this further at December or January meeting.* Core 18 million for small projects but the bulk of \$ would go into larger pot to get ranked at a State-level
- #3.3 – consolidation of lead entity administration

11:21 AM Adjourn CAG meeting: *Phil moves to adjourn, Lovell seconds, all in favor*

Not addressed during meeting:

Climate change integration and chapter update: *Byron Rot will follow up by email*