

---

**From:** Maria Rea - NOAA Federal <maria.rea@noaa.gov>  
**Sent:** Wednesday, November 30, 2016 5:03 PM  
**To:** bruce.babbitt@raintreeventures.com  
**Cc:** Barry Thom - NOAA Federal; Karla Nemeth  
**Subject:** Fwd: Adaptive Management  
**Attachments:** AM Framework\_161108\_new revisions based on MOA.docx

Secretary Babbitt,

Per our earlier discussions, I am replying with more detail on what is needed to, from our NMFS perspective, to reach closure on the CWF adaptive management program.

1. Re: governance and process: I am attaching the existing adaptive management framework the five agencies have recently sent out for peer review. As Barry and I mentioned, we have significant reservations about adding red-line to the existing PWA MOU, as we see considerable challenges with that text, and that process hasn't proven fruitful in the past.

In lieu of comments on that document, I have had my staff insert and highlight the following on the existing 5 agency document:

1. New proposed text (underlined in track changes) trying to incorporate the overall concept agreed to by the Directors at our 11/14 Principals meeting. NMFS agrees that members of the IICG should have the option to propose alternative hypotheses and science to the independent peer review processes, provided that there are significant incentives to work out disagreements through the IICG or CSAMP process first. This should address the key point that you raised in your meeting.
2. New proposed text to insert other additional text from the PWA MOA to increase consistency and incorporate as much as possible (given the different formats of the documents);
3. Existing text and changes to box diagrams highlighting the central role of the IICG in adaptive management and the key areas of the framework that are already very consistent with the existing MOA and previous discussions among the five agencies and stakeholders.

Please consider this a NMFS draft only, as we would like the courtesy of running through the Section 7 team five agency process, and of course bringing it to the next Principals meeting.

2. Re: funding commitments for the program: if we are to rely on this program in the context of the Biop, then we estimate that we will need a minimum of \$10 million per year additional funding for salmon research and monitoring.

I would welcome your thoughts on the proposed way forward to try and come to agreement on this important issue in a time frame that allows us to incorporate it into our upcoming Biological Opinion.

- Maria

Maria Rea  
Assistant Regional Administrator, California Central Valley Office

NOAA Fisheries West Coast Region  
650 Capitol Mall, Suite 5-100  
Sacramento, CA 95814  
(916) 930-3600  
[Maria.Rea@noaa.gov](mailto:Maria.Rea@noaa.gov)



Find us online

[www.westcoast.fisheries.noaa.gov](http://www.westcoast.fisheries.noaa.gov)



**From:** <[bruce.babbitt@raintreeventures.com](mailto:bruce.babbitt@raintreeventures.com)>  
**Date:** November 29, 2016 at 3:28:32 PM PST  
**To:** Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)>  
**Cc:** Barry Thom - NOAA Federal <[barry.thom@noaa.gov](mailto:barry.thom@noaa.gov)>  
**Subject:** Re: Adaptive Management  
**Reply-To:** <[bruce.babbitt@raintreeventures.com](mailto:bruce.babbitt@raintreeventures.com)>

Thanks, Maria- that will work nicely.

We will finish up with PWAs on Friday- I don't anticipate any substantial change-- and then--we should, as you suggest, move this discussion in house toward closure among the 5 agency principals.

Thanks so much.... Bruce

---

**From:** Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)>  
**To:** [bruce.babbitt@raintreeventures.com](mailto:bruce.babbitt@raintreeventures.com)  
**Cc:** Barry Thom - NOAA Federal <[barry.thom@noaa.gov](mailto:barry.thom@noaa.gov)>  
**Sent:** Tuesday, November 29, 2016 2:03 PM  
**Subject:** Re: Adaptive Management

Secretary Babbitt - I spoke with my folks this morning, and we will not delay further by waiting for another MOU draft from the PWAs. We will provide language to you COB tomorrow, that track with the most recent Principals discussion on this topic. If you can help us all reach closure, that would be helpful. We completely agree with the urgency and priority.  
- Maria

Maria Rea  
Assistant Regional Administrator, California Central Valley Office

NOAA Fisheries West Coast Region  
650 Capitol Mall, Suite 5-100  
Sacramento, CA 95814  
[\(916\) 930-3600](tel:(916)930-3600)  
[Maria.Rea@noaa.gov](mailto:Maria.Rea@noaa.gov)



**Find us online**

[www.westcoast.fisheries.noaa.gov](http://www.westcoast.fisheries.noaa.gov)



On Mon, Nov 28, 2016 at 5:28 PM, Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)> wrote:

Dear Secretary Babbitt - My staff tells me that they are waiting for another draft MOU from the water contractors (per conversations with Carl Wilcox and Cindy Messer), and thought it best we review their latest prior to offering more language. Is it possible we are all waiting for each other? I do agree that we need to cut through the problem of multiple language drafts.

I am open to your preferences on process. Mark Cowin stated at the most recent Principals meeting that he thought direct discussion with the general managers was needed, rather than the larger PWA drafting group. Perhaps this is something that you, or he, could arrange.

- Maria

Maria Rea  
Assistant Regional Administrator, California Central Valley Office  
NOAA Fisheries West Coast Region  
650 Capitol Mall, Suite 5-100  
Sacramento, CA 95814  
(916) 930-3600  
[Maria.Rea@noaa.gov](mailto:Maria.Rea@noaa.gov)



**Find us online**

[www.westcoast.fisheries.noaa.gov](http://www.westcoast.fisheries.noaa.gov)



On Mon, Nov 28, 2016 at 3:14 PM, <[bruce.babbitt@raintreeventures.com](mailto:bruce.babbitt@raintreeventures.com)> wrote:

Maria,

Are you making headway with edits to the draft? We need to keep this moving along.

Thanks, Bruce

---

**From:** Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)>  
**To:** [bruce.babbitt@raintreeventures.com](mailto:bruce.babbitt@raintreeventures.com)  
**Cc:** Barry Thom - NOAA Federal <[barry.thom@noaa.gov](mailto:barry.thom@noaa.gov)>  
**Sent:** Friday, November 18, 2016 4:55 PM  
**Subject:** Re: Adaptive Management

Dear Secretary Babbitt,

It was a pleasure to meet you, and thank you for following up by email. I appreciated your ability to distill the PWA concern into the key point: when an adjustment is proposed by the agencies, what opportunities should there be for PWAs to engage in a structured discussion and response, prior to a final agency decision. With this in mind, we have had several discussions this week, and have some draft language to share. I've asked for a recent update from my staff, and plan to send you a second email over the weekend with more detail.

Best wishes,

Maria

Maria Rea  
Assistant Regional Administrator, California Central Valley Office  
NOAA Fisheries West Coast Region  
650 Capitol Mall, Suite 5-100  
Sacramento, CA 95814  
(916) 930-3600  
[Maria.Rea@noaa.gov](mailto:Maria.Rea@noaa.gov)



Find us online

[www.westcoast.fisheries.noaa.gov](http://www.westcoast.fisheries.noaa.gov)



On Thu, Nov 17, 2016 at 11:17 AM, <[bruce.babbitt@raintreeventures.com](mailto:bruce.babbitt@raintreeventures.com)> wrote:

Hi Maria,

I want to thank you and Barry coming over to discuss the draft AM agreement.

I would appreciate having your comments. We need to get this document finished up soon.

Thanks, Bruce Babbitt