From: Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>

Sent: Monday, April 8, 2019 7:11 AM **To:** Cathy Marcinkevage - NOAA Federal

Cc: Howard Brown

Subject: Re: Compilation of Delta-related science for reinitiation effort -- BYRNE draft

- 1. We should check. The one you forwarded didn't include Maria, so there may be additional edits before it went to her, or comments back.
- 2. I think it should be converted to a memo.
- 3. Assuming most, if not all, of it pertains to the Delta, we need to make sure they are at least cited in the Delta section.

Sent from my iPhone

On Apr 7, 2019, at 11:45 PM, Cathy Marcinkevage - NOAA Federal <<u>cathy.marcinkevage@noaa.gov</u>> wrote:

Hey --

In the analytical approach section on evidence available for the analysis, Maria has a comment reading: "I hope barb's summary of new science is included somewhere - - it's a nice annotated list and shows we considered new information, beyond what was in the BA."

Is the attached what she is talking about? Can I just cite that? Is it in the record? (b/c it was sent to Maria?) If not, let's make it a memo to the AR like now.

Thanks.

acm

----- Forwarded message -----

From: Barbara Byrne - NOAA Federal barbara.byrne@noaa.gov

Date: Thu, Nov 1, 2018 at 1:33 PM

Subject: Re: Compilation of Delta-related science for reinitiation effort -- BYRNE draft

To: Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>

Cc: Howard.Brown < Howard.Brown@noaa.gov>, J. Stuart < j.stuart@noaa.gov>, Evan Sawyer -

NOAA Affiliate <evan.sawyer@noaa.gov>, Cathy Marcinkevage

<cathy.marcinkevage@noaa.gov>

Final doc attached. Accepted all of Garwin's edits. Disregarded (and deleted) the comment because didn't know how to incorporate without a bit of research.

Ready to go to Maria.

On Thu, Nov 1, 2018 at 1:10 PM Garwin Yip - NOAA Federal < garwin.yip@noaa.gov > wrote: Barb,

I scanned through about half of the attached. See track changes. Edits relatively minor. 1 comment for you to address (or disregard if it'll take more than a minute or 2 to incorporate).

Please fix and resend out as clean doc so Howard can put in package for Maria.

Thanks.

-Garwin-

Garwin Yip

Water Operations and Delta Consultations Branch Chief NOAA Fisheries West Coast Region U.S. Department of Commerce California Central Valley Office 650 Capitol Mall, Suite 5-100 Sacramento, CA 95814

Office: 916-930-3611 Cell: 916-716-6558 FAX: 916-930-3629

www.westcoast.fisheries.noaa.gov



On Thu, Nov 1, 2018 at 12:17 PM Barbara Byrne - NOAA Federal < barbara.byrne@noaa.gov > wrote:

Howard -- See attached for the revised science compilation.

Changes include:

- 1. Moved all enclosure identifiers from footer to header.
- 2. Added Enclosure D of "Assorted References (without annotations)", which includes
 - (a) URLs to all the Annual/Biennial reviews and associated Independent Review Panel (IRP) report (John Watts shared one IRP report; I thought it made sense to recommend all the reports)
 - (b) Citations to the Brandes/Buchanan recent body of work on South Delta Chinook Survival (John Watts shared one of these references; I thought it made sense to recommend them all)
 - (c) the most relevant articles remaining from the John Watts batch of papers (left out, for example, the ocean navigation articles that I don't think are particularly relevant to evaluating project operations).

On Thu, Nov 1, 2018 at 6:37 AM Barbara Byrne - NOAA Federal < <u>barbara.byrne@noaa.gov</u>> wrote:

Howard and Garwin -- Subject doc attached. I am completely open to feedback on the format of the coversheet; feel free to just modify as you like or give me direction to make changes.

FYI, NOT included in the attached compilation are talking points on the "John Watts papers". Because they were drafted in reaction to some takeaways shared by John Watts (I don't think appropriate to include the takeaways from John), they required quite a bit of reorganization and I ran out of time.

Reasons not to be too concerned about 1 fewer enclosures than planned:

- 1. The current compilation is 44 pages long
- 2. The current compilation references the several inch thick 2017 SST Report which itself has a pretty exhaustive list of citations
- 3. Some of the papers from John's list are already covered in my or Jeff's annotated bibliography.
- 4. Many of the core issues raised by John's papers are already covered in my or Jeff's annotated bibliography

Barb

--

Barb Byrne

Fish Biologist

NOAA Fisheries West Coast Region
U.S. Department of Commerce
Office: 916-930-5612

barbara.byrne@noaa.gov
California Central Valley Office
650 Capitol Mall, Suite 5-100
Sacramento, CA 95814



Find us online

www.westcoast.fisheries.noaa.gov



_-

Barb Byrne

Fish Biologist

NOAA Fisheries West Coast Region
U.S. Department of Commerce
Office: 916-930-5612
barbara.byrne@noaa.gov

California Central Valley Office 650 Capitol Mall, Suite 5-100 Sacramento, CA 95814



Find us online

www.westcoast.fisheries.noaa.gov



_-

Barb Byrne

Fish Biologist
NOAA Fisheries West Coast Region
U.S. Department of Commerce
Office: 916-930-5612
barbara.byrne@noaa.gov
California Central Valley Office
650 Capitol Mall, Suite 5-100
Sacramento, CA 95814



Find us online

www.westcoast.fisheries.noaa.gov



<2018.11.01 Delta Science compilation for reinitiation effort revised FINAL.docx>