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**From:** J. Stuart - NOAA Federal <j.stuart@noaa.gov>  
**Sent:** Tuesday, April 9, 2019 6:43 AM  
**To:** Cathy Marcinkevage - NOAA Federal  
**Cc:** Barbara Byrne  
**Subject:** Re: Compilation of Delta-related science for reinitiation effort -- BYRNE draft

I used a couple of the citations in the document, where they were pertinent to the discussion. Given the truncated timeline for this biop, I did not have sufficient time to pull in everything, and weave the analyses together with all of the materials we cited in this document.

Jeff

On Mon, Apr 8, 2019 at 10:54 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Barb --

Do you know if this ever got "finalized" or memorialized or sent to Maria or someone else? I'd like to cite it in the analytical approach but not sure how "released" it has been. Did we give it to Rec on record during tiger team meetings? or early ROC or WIIN meetings?

Jeff --

Did you generally use the updated info/science cited in Barb's document? Just a general "totally", "mostly", "not at all" is good.

Thanks!  
Cathy

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

**From:** **Barbara Byrne - NOAA Federal** <[barbara.byrne@noaa.gov](mailto: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](mailto:garwin.yip@noaa.gov)>  
**Cc:** Howard.Brown <[Howard.Brown@noaa.gov](mailto:Howard.Brown@noaa.gov)>, J. Stuart <[j.stuart@noaa.gov](mailto:j.stuart@noaa.gov)>, Evan Sawyer - NOAA Affiliate <[evan.sawyer@noaa.gov](mailto:evan.sawyer@noaa.gov)>, Cathy Marcinkevage <[cathy.marcinkevage@noaa.gov](mailto: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](mailto: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-

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*Garwin Yip*

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On Thu, Nov 1, 2018 at 12:17 PM Barbara Byrne - NOAA Federal <[barbara.byrne@noaa.gov](mailto: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 <[barbara.byrne@noaa.gov](mailto:barbara.byrne@noaa.gov)> 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 re-organization 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

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**Barb Byrne**

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