
From: J. Stuart - NOAA Federal <j.stuart@noaa.gov>
Sent: Thursday, May 23, 2019 2:49 PM
To: Brian Ellrott - NOAA Federal
Subject: Re: Thank you!

Try this:

Rearing and migratory habitats are expected to be degraded by DCC gate operations. Opening the radial gates allows access to the Delta interior through a manmade channel, which diminishes the functionality of the rearing and migratory quality of the mainstem Sacramento River from its original configuration. Without the DCC, there is no connection to the interior Delta at this location. Providing an artificial route into the Delta interior, allows access to habitat that has reduced survival value compared to the mainstem Sacramento River channel. In contrast, the proposed extension of the water transfer window provides beneficial changes to designated critical habitat. Release of additional water for transfer from upstream sources has the potential to improve the flow volume in river channels feeding into the delta over the “no” transfer conditions. Increased flows can create conditions that reduce travel times for downstream migrants which improves migration success through reduced mortality. [BE1] Furthermore, additional flow can increase the proportion of the river channels that are riverine in nature, compared to those which have tidal oscillations which can reverse flows in the river channels. Recent studies (Perry et al 2018) have shown that riverine reaches have higher survival potential than tidal reaches. Thus, by increasing the proportion of river reaches with riverine characteristics in the Delta, survival potential is enhanced for emigrating spring-run Chinook salmon juveniles.

[BE1]Jeff, please review this closely and revise as needed.

On Thu, May 23, 2019 at 11:52 AM Brian Ellrott - NOAA Federal <brian.ellrott@noaa.gov> wrote:

There was/is one more comment for you hiding at the end on page 91 in the s-r I&S. If you get locked out by me or Evan, can you send me an updated sentence/section to take care of it?

Rearing and migratory habitats are expected to be degraded by DCC operations. Additionally, the proposed extension of the water transfer window provides both beneficial and detrimental changes to designated critical habitat. Release of additional water for transfer from upstream sources has the potential to improve the flow volume in river channels feeding into the delta over the “no” transfer conditions. Increased flows can create conditions that reduce travel times for downstream migrants which improves migration success through reduced mortality.

[BE1] [GMY2]

[BE1]Jeff, please review this closely and revise as needed.

[GMY2]Baseline is same volume limit of transfers, just extending the time that they can occur.

This highlighted section only shows beneficial changes. What/Where are the potential detrimental changes?

Agree, Jeff should review closely.

On Thu, May 23, 2019 at 8:27 AM Brian Ellrott - NOAA Federal <brian.ellrott@noaa.gov> wrote:
thanks.

On Thu, May 23, 2019 at 10:25 AM J. Stuart - NOAA Federal <j.stuart@noaa.gov> wrote:
Made corrections - off to the super commute - will be in the office in 90 minutes (hopefully)

On Thu, May 23, 2019 at 7:25 AM Brian Ellrott - NOAA Federal <brian.ellrott@noaa.gov> wrote:
Hey, can you check the spring-run I&S - I added a comment where it looks like steelhead rows were included. Got to make a day care drop off now, so will be off-line for about 30 minutes.

On Wed, May 22, 2019 at 10:10 PM J. Stuart - NOAA Federal <j.stuart@noaa.gov> wrote:
Sorry, I thought I logged out. I had a business dinner to go to in Lodi with my wife, she's being recruited by a hospital up there. Just got back in a little bit ago.

On Wed, May 22, 2019 at 7:12 PM Brian Ellrott - NOAA Federal <brian.ellrott@noaa.gov> wrote:
Hi Jeff,
Let me know when you are out of the document. I'd like to get back into it tonight and it says you have it open.

On Wed, May 22, 2019 at 3:55 PM Brian Ellrott - NOAA Federal <brian.ellrott@noaa.gov> wrote:
Thanks Jeff. Which version did you use? Evan was going to be working in the file too, not sure if you ran into trouble opening it.

This is the latest:
2.8 Integration and Synthesis ELLROTT SR V4

On Wed, May 22, 2019 at 3:52 PM J. Stuart - NOAA Federal <j.stuart@noaa.gov> wrote:
Take a look at the SR I&S. Made some additions and responded to the placeholders.

On Wed, May 22, 2019 at 12:34 PM Brian Ellrott - NOAA Federal <brian.ellrott@noaa.gov> wrote:
Jeff,
Thanks for being on top of everything and responding so quickly! I see you've been in the s-r I&S recently and have responded to comments in there.

--
Brian Ellrott
*Central Valley Salmonid Recovery Coordinator
NOAA Fisheries West Coast Region
U.S. Department of Commerce
Mobile: 916-955-7628
Office: 916-930-3612
brian.ellrott@noaa.gov*

--
Jeffrey S. Stuart, M.S.
Fishery Biologist

NOAA Fisheries West Coast Region
U.S. Department of Commerce
California Central Valley Office
650 Capitol Mall, Suite 5-100
Sacramento, CA 95814-4706

Office: 916-930-3607
J.Stuart@noaa.gov



Find us online

www.westcoast.fisheries.noaa.gov



--

Brian Ellrott

Central Valley Salmonid Recovery Coordinator
NOAA Fisheries West Coast Region
U.S. Department of Commerce
Mobile: 916-955-7628
Office: 916-930-3612
brian.ellrott@noaa.gov

--

Brian Ellrott

Central Valley Salmonid Recovery Coordinator
NOAA Fisheries West Coast Region
U.S. Department of Commerce
Mobile: 916-955-7628
Office: 916-930-3612
brian.ellrott@noaa.gov

--

Jeffrey S. Stuart, M.S.

Fishery Biologist

NOAA Fisheries West Coast Region
U.S. Department of Commerce
California Central Valley Office
650 Capitol Mall, Suite 5-100
Sacramento, CA 95814-4706

Office: 916-930-3607
J.Stuart@noaa.gov



Find us online

www.westcoast.fisheries.noaa.gov



--

Brian Ellrott

*Central Valley Salmonid Recovery Coordinator
NOAA Fisheries West Coast Region
U.S. Department of Commerce
Mobile: 916-955-7628
Office: 916-930-3612
brian.ellrott@noaa.gov*

--

Jeffrey S. Stuart, M.S.

Fishery Biologist

*NOAA Fisheries West Coast Region
U.S. Department of Commerce
California Central Valley Office
650 Capitol Mall, Suite 5-100
Sacramento, CA 95814-4706*

Office: 916-930-3607
J.Stuart@noaa.gov



Find us online

www.westcoast.fisheries.noaa.gov



--

Brian Ellrott

*Central Valley Salmonid Recovery Coordinator
NOAA Fisheries West Coast Region
U.S. Department of Commerce
Mobile: 916-955-7628
Office: 916-930-3612*

brian.ellrott@noaa.gov

--

Brian Ellrott

*Central Valley Salmonid Recovery Coordinator
NOAA Fisheries West Coast Region
U.S. Department of Commerce
Mobile: 916-955-7628
Office: 916-930-3612
brian.ellrott@noaa.gov*

--

Jeffrey S. Stuart, M.S.

Fishery Biologist

*NOAA Fisheries West Coast Region
U.S. Department of Commerce
California Central Valley Office
650 Capitol Mall, Suite 5-100
Sacramento, CA 95814-4706*

Office: 916-930-3607

J.Stuart@noaa.gov



Find us online

www.westcoast.fisheries.noaa.gov

