Sent: Saturday, May 4, 2019 10:56 AM
To: Brian Ellrott - NOAA Federal

Cc: J. Stuart; Howard Brown - NOAA Federal; Garwin Yip - NOAA Federal

**Subject:** Re: loss data

All --- The current Delta effects section discusses the "salvage density modeling" results in terms of salvage. I have to go in there this weekend anyway to add in some CAMT SST flavoring, so I will also (a) update the text to refer to the loss numbers, not salvage numbers, and (b) update the associated tables in the separate document of tables.

Brian, I can also go to the I&S for WR/SR/and steel to update there accordingly, unless you'd rather do it.

On Sat, May 4, 2019 at 6:17 AM Brian Ellrott - NOAA Federal < <u>brian.ellrott@noaa.gov</u>> wrote: Thanks Barb.

Jeff,

Are you adding a loss table and associated discussion to the Delta effects section? If so, I'll pull/point from that to make sure the Effects section and I&S will be consistent and we don't have two of the same table in the BO.

Thanks, Brian

On Fri, May 3, 2019 at 9:07 AM Barbara Byrne - NOAA Federal < barbara.byrne@noaa.gov > wrote: Here they are. We didn't calculate the monthly loss for WR (since most are out by April - May when exports increase in the PA); let me know if you want that.

On Fri, May 3, 2019 at 8:45 AM Brian Ellrott - NOAA Federal < brian.ellrott@noaa.gov > wrote: Barb,

If you haven't already, can you send me the w-r loss numbers? Seems like we'd want to use the loss numbers in the effects section (if not already there) and the I&S. To keep things tight in the I&S, I'm thinking of just replacing the salvage numbers with the loss numbers, rather than having both there.

Let me know if there's a problem with that.

Thanks, Brian

On Fri, May 3, 2019 at 9:42 AM Barbara Byrne - NOAA Federal < <u>barbara.byrne@noaa.gov</u>> wrote: I recommend the following summary statement for WR: "Estimated loss at Delta pumping facilities 6-36% higher in PA".

- 1. The "Entrainment Index", as used in the I&S, refers to the numbers in the column for "% change" [ ((PA-COS)/COS)\*100 ], so the index itself isn't higher in the PA vs. COS, it's that a positive index means that salvage or loss is higher in the PA vs. COS.
- 2. The current tables in the I&S are the original numbers based on salvage. The numbers that Jeff and I crunched, and that I sent last night, are based on loss. The range based on loss is similar, but is 6-36 instead of 7-38 for the salvage-based numbers.

## Jeff & Brian & Garwin -- holler if I have this wrong.

On Thu, May 2, 2019 at 8:04 PM Howard Brown - NOAA Federal < howard.brown@noaa.gov > wrote: Thanks again Barb. Is this statement from the WR key findings still correct:

Entrainment Index 7-38% higher at Delta pumping facilities.

Η

On Thu, May 2, 2019 at 7:46 PM Barbara Byrne - NOAA Federal < <u>barbara.byrne@noaa.gov</u>> wrote: Annual loss for WR, SR, and steelhead summarized on the "Annual" tab.

Monthly loss for just SR and steelhead summarized on the "Monthly" tab; if you need the monthly table for WR too, let me know.

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