From: Howard Brown - NOAA Federal <howard.brown@noaa.gov>

Sent:Monday, April 22, 2019 3:33 PMTo:Brian Ellrott - NOAA FederalCc:Joe Heublein - NOAA Federal

Subject: Re: AR stressor tables

For the Barry briefing there are basically three AR steelhead effects of high magnitude. Once is related to hatchery management and the other I attributed to seasonal operations. Does that work for you guys for now?

On Mon, Apr 22, 2019 at 3:24 PM Brian Ellrott - NOAA Federal < brian.ellrott@noaa.gov > wrote: Likely an oversimplification on my part, but I thought the deconstructed action was unnecessarily complex with seasonal operations that crossed life stages. I could take on fixing that later this week.

On Mon, Apr 22, 2019 at 3:17 PM Howard Brown - NOAA Federal < howard.brown@noaa.gov > wrote: Brian and Joe, I am wondering why the action components are not listed in the American River stressor tables. How much work would it take to include them?

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