



Susan Bishop - NOAA Federal <susan.bishop@noaa.gov>

Area 7 Performance Adjustment

1 message

Dapp, Derek R (DFW) <Derek.Dapp@dfw.wa.gov>

Sat, Apr 7, 2018 at 11:55 AM

To: Susan Bishop - NOAA Federal <susan.bishop@noaa.gov>

Cc: "Dufault, Aaron M (DFW)" <Aaron.Dufault@dfw.wa.gov>, Chris Phinney <Chris.Phinney@puyalluptribe.com>, Jason Schaffler <Jason.Schaffler@muckleshoot.nsn.us>

Hi Susan,

Attached you'll find the benefit to using the 2018 performance adjustment. I was a bit surprised to see that with the adjustment we're still underestimating Puyallup ERs by 0.1%. I can do a bit more digging into it to confirm my thoughts, but I think it may have to do with old methods used to derive scalars (perhaps also some of the forecasting issues as described for Areas 9 and 10 in the report). The error associated with this is difficult to measure as we have an updated sheet to derive scalars (as of last year), but if using new base period post-season runs with the new method of developing pre-season scalars, modeled catch exceeds actual catch in 2011-2014. There is a caveat to consider if analyzed in this way – this analysis examines at post-season runs rather than pre-season and more variability (due to uncertain forecasts) is expected in pre-season.

We can not analyze the new scalar method fully with the old base period pre-season runs, as scalars have changed (a scalar of 1 in the old base period will produce an entirely different catch than a scalar of 1 in the new base period).

Derek

 **Puyallup-A-7-Pre-Vs-Post_4.7.2018.xlsx**
340K