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**Sent:** Tuesday, April 23, 2019 2:07 PM

**To:** Cathy Marcinkevage - NOAA Federal; Garwin Yip - NOAA Federal; Howard Brown -

NOAA Federal; Barbara Byrne - NOAA Federal; J. Stuart

**Subject:** ROCON LCM discussion **Attachments:** 2.5.10 LifeCycle Models.docx

Hi all (mostly Jeff and Barb),

Attached is my write up for the WRLCM results if you have time to look at it (I don't know your schedule). I thought if there was something that you either heard in a meeting or if the results confirm another line of evidence you could flag it?

If you don't have time to read it the big take-away (besides the COS and PA being very similar) is that smolt survival for all habitats, in all WYTs, in all months is lower in the PA relative to the COS, except in Jan - March of Wet years. April generally has the greatest difference (~3% - 9% lower in the PA) in smolt survival for all habitats, all WYTs.

I'm also struggling to describe how CRR is (slightly) higher and abundance is lower in the PA relative to the COS, so maybe having Eric or Nobel describe that again could be helpful.

## Evan

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## Evan Bing Sawyer,

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