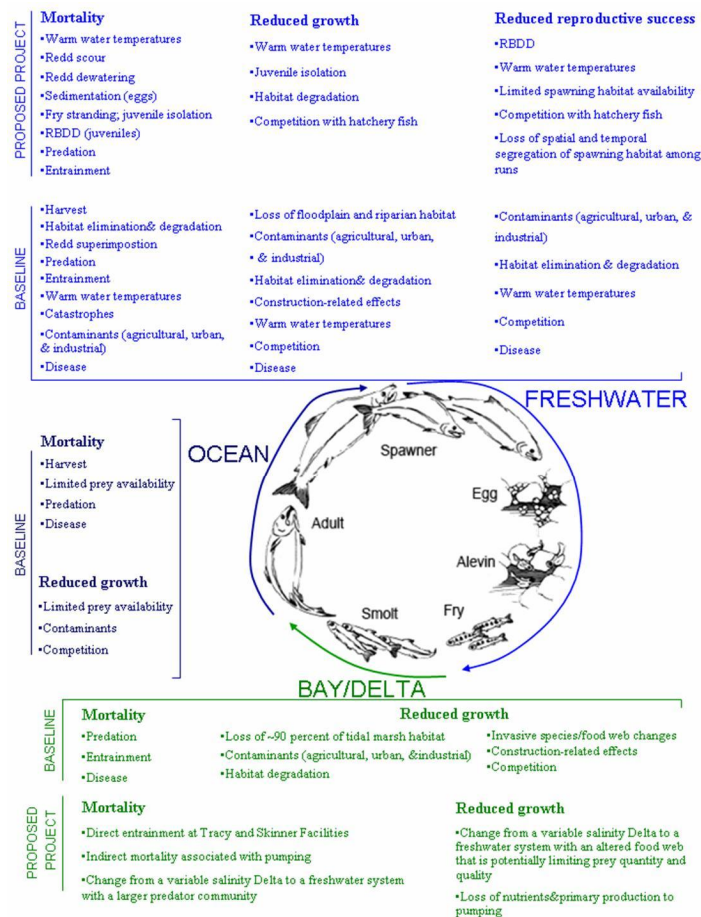


**From:** Brian Ellrott - NOAA Federal <brian.ellrott@noaa.gov>  
**Sent:** Friday, April 5, 2019 9:09 AM  
**To:** Brown, Howard; Rosario, Rosalie B del; Alston, Naseem; Yip, Garwin; Cathy Marcinkevage - NOAA Federal  
**Subject:** ROC LTO Integration and Synthesis figure from 2009 OCAP BiOp

Happy Formal Friday,

When we put the 2009 BO integration and synthesis section together, Penny encouraged me to develop the figure below (Figure 9-4, page 466). I'm thinking about recreating it for ROC LTO for winter-run and including more quantitative information, but want to get your opinions on how useful you think it would be in identifying and supporting our yet to be determined determinations.

I think this '09 version is a little too qualitative to be of much use, but Penny liked the way it turned out. I think it has a lot of potential to be effective if we can incorporate more quantitative baseline information and effects analysis results. Thumbs up or thumbs down on recreating the figure?



**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](mailto:brian.ellrott@noaa.gov)