

---

**From:** Kristin Begun - NOAA Affiliate <kristin.begun@noaa.gov>  
**Sent:** Wednesday, May 22, 2019 3:05 PM  
**To:** Cathy Marcinkevage - NOAA Federal  
**Cc:** Garwin Yip; Boring, Susan  
**Subject:** Re: ROC LTO Methods Appendices

Hi Cathy,

I have created seven different appendices and they are saved on the server (appendix H through N at: R:\Draft BiOp\7\_Appendices). If we're going to combine any, I would suggest combining I (DPM), J (IOS), and K (SALMOD) since they are all from the CWF appendix 5D. I added alt text for the WR LCM doc, but have not reviewed the rest for 508 compliance. We should also add page numbers once they are all finalized. Let me know what the next step is or how else I can assist.

Kristin

## **Kristin Begun | Biologist**

Contractor with Lynker Technologies

Water Operations and Delta Consultations Branch

NOAA Fisheries West Coast Region

[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

On Tue, May 21, 2019 at 10:57 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Hi Kristin ---

I'm glad you can help us put together methods descriptions!

First, FWIW, take a look at the CWF appendices here. Apps D, E, F, G, and H are all methods descriptions.

- M:\CWF\FINAL BiOp

Next, here's some documentation that we've got for the different methods used for ROC:

- **LCM Description** (this is new for ROC and I think could be its own appendix)
  - S:\LCM\_Files\WRLCM Description 17 May2019 .docx
- **DPM Description** (This is in App 5A from the CWF BA; I suggest pulling from there. I am fine with just excerpting those pages, and having a cover page with the description of the source.)

- M:\CWF\BA\_FINAL\_Aug2016\CLEAN PDFs\App\_5.D\_Methods.pdf
- **Floodplain Analysis**
  - S:\2019-02-05 Final BA\Data files\Floodplain\_Inundation-Methods for Floodplain Habitat Analyses\_NMFS.docx
- 
- **IOS Description** (This is in App 5A from the CWF BA; I suggest pulling from there.I am fine with just excerpting those pages, and having a cover page with the description of the source.)
  - M:\CWF\BA\_FINAL\_Aug2016\CLEAN PDFs\App\_5.D\_Methods.pdf
- **Loss Analysis**
  - S:\2019-02-05 Final BA\Data files\Loss\_Analysis-Methods from Water Fix BA\_Fig\_description.docx
- **SALMOD** (This is in App 5A from the CWF BA; I suggest pulling from there.I am fine with just excerpting those pages, and having a cover page with the description of the source.)
  - M:\CWF\BA\_FINAL\_Aug2016\CLEAN PDFs\App\_5.D\_Methods\_Att2\_SALMOD.pdf
- **SacSalMort/Reclamation Egg Mortality Model**
  - S:\2019-02-05 Final BA\Data files\Temperature\_And\_Egg\_Mortality\SacSalMort\App\_5.D\_Methods\_Att1\_Egg\_Mortality.pdf

I don't have a strong preference of whether or not these are in one big appendix, or several smaller. And they can all look different as far as I'm concerned b/c they are appendices. But, anything you can do to pull them together and get them organized is a step in the "done" direction!

Feel free to let me know if you have any questions, and let's make sure we coordinate with Susan on what we end up having, and where (if at all) people have made reference to them.

Thanks!  
Cathy