Sent: Sunday, May 5, 2019 10:05 PM **To:** Cathy Marcinkevage - NOAA Federal

Cc: J. Stuart

Subject: Re: salvage density data for steelhead

I think the salvage density stuff is all by Steve Zeug, no? Lenny and Jason are about the loss model and I don't think we have results from that? We can talk Monday.

On Sun, May 5, 2019 at 7:35 PM Cathy Marcinkevage - NOAA Federal <<u>cathy.marcinkevage@noaa.gov</u>> wrote:

I don't know off top of my head, would have to look into it a bit. I can but not for a few hours. Maybe look into the past emails from Lenny or Jason?

Cathy Marcinkevage

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On May 5, 2019, at 7:31 PM, Barbara Byrne - NOAA Federal barbara.byrne@noaa.gov> wrote:

Do either of you know if the salvage density modeling for steelhead is based on wild steelhead salvage? Or hatchery + wild? Significant for our "pop level" context and the blurb from CWF just seems to describe modeling for winter-run...

On Fri, May 3, 2019 at 2:08 PM Cathy Marcinkevage - NOAA Federal <<u>cathy.marcinkevage@noaa.gov</u>> wrote:

Without looking hard, does this help?

https://drive.google.com/open?id=1UGtWInMLfn9pUhPDYq7WV4FJd r-BoW5

On Fri, May 3, 2019 at 1:20 PM Barbara Byrne - NOAA Federal < <u>barbara.byrne@noaa.gov</u>> wrote:

Is there somewhere in the ROC BA or CWF BA or BiOp that provides documentation on how these modeled salvage numbers are generated, with (for WR) or without (for all others) normalization?

--

Barb Byrne

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