

**Barbara Byrne - NOAA Federal**

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**From:** Barbara Byrne - NOAA Federal  
**Sent:** Tuesday, May 14, 2019 2:59 PM  
**To:** Meyer, Cynthia  
**Cc:** Ellis, Gregg; Greenwood, Marin; Westbrook, Mark; Cathy Marcinkevage; Garwin Yip - NOAA Federal; Howard.Brown; J. Stuart  
**Subject:** Urgent question on salvage-density method

*[Please disregard previous e-mail with uninformative subject and unnecessary trail!]*

Cindy, I think your detail is as ROC Program Manager and in that capacity I am asking that you pass along this rather urgent question to Marin Greenwood at ICF (he's cc'ed, but asking that Reclamation give him the okay to answer it since ICF doesn't work for NMFS!). Thanks.

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Marin -- Can you please confirm, for each run/species, whether the "salvage density" workbooks you generated present estimated total (i.e. expanded for count time) salvage or loss?

The e-mail transmitting those results did point to the CWF methods (which says estimates were converted to loss for Chinook and steelhead), but it also noted "Each workbook presents the estimated number of fish salvaged (exports\*salvage density)". The term "salvage" is used throughout the workbook and I didn't find (maybe just didn't look in the right place) where the loss conversion was applied, so I wanted to check with you directly.

Thanks,  
Barb

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