From: Brian Ellrott - NOAA Federal <bri>brian.ellrott@noaa.gov>

Sent: Friday, March 1, 2019 9:54 AM **To:** Cathy Marcinkevage - NOAA Federal

Cc: Barbara Byrne; Seth Naman - NOAA Federal; Sarah Gallagher - NOAA Federal; Evan

Sawyer - NOAA Affiliate; Joe Heublein - NOAA Federal; Garwin Yip; Howard Brown; J.

Stuart; Justin Ly - NOAA Federal; Kristin McCleery - NOAA Affiliate

Subject: Re: ROC FAST TURNAROUND METHOD NEED

I'm curious to see the following two, but neither analysis will make or break the overall effects analysis for American River steelhead, so if we're prioritizing requests, these wouldn't be high priority.

- -percentage of maximum steelhead spawning WUA by American River flow under Current and the Proposed Action scenarios
- -American River steelhead redd scour analysis for Current and Proposed Action scenarios

On Thu, Feb 28, 2019 at 2:42 PM Seth Naman - NOAA Federal < seth.naman@noaa.gov> wrote:

No thanks I don't want to use IFIM/PHABSIM on the Trinity River for several reasons, including those detailed in the attached paper.

Seth

On Thu, Feb 28, 2019 at 2:31 PM Cathy Marcinkevage - NOAA Federal < cathy.marcinkevage@noaa.gov wrote:

All --

Please see the attached list of WUA and IFIM related methods. This is in response to an initial request from us to ICF. The green rows are more specific to our request, and the rest are similar/related by weren't asked for specifically.

Please respond by noon tomorrow with an indication of methods that you would like completed for your division.

Note that the last column is ICF's take on the method -- if you have more "on the ground" or update knowledge that differs, you should defer to your own expertise.

Let me know if you have any questions.

Thanks! Cathy

----- Forwarded message -----

From: **Ellis, Gregg** < Gregg, Ellis@icf.com >

Date: Thu, Feb 28, 2019 at 1:50 PM Subject: Available models.xlsx

To: Cathy Marcinkevage - NOAA Federal (<u>cathy.marcinkevage@noaa.gov</u>) < <u>cathy.marcinkevage@noaa.gov</u>>

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Seth Naman Fisheries Biologist National Marine Fisheries Service 1655 Heindon Rd Arcata, CA 95521 Voice: 707-825-5180

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Brian Ellrott

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