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**From:** Sarah Gallagher - NOAA Federal <sarah.gallagher@noaa.gov>  
**Sent:** Wednesday, June 12, 2019 9:09 AM  
**To:** Howard Brown - NOAA Federal  
**Cc:** J. Stuart - NOAA Federal; Barbara Byrne; Garwin Yip; Cathy Marcinkevage; Evan Sawyer - NOAA Affiliate; Brian Ellrott; Kristin McCleery - NOAA Affiliate; Joe Heublein - NOAA Federal; Dan Lawson - NOAA Federal; Maria Rea; Naseem Alston; Brittany Cunningham - NOAA Affiliate  
**Subject:** Re: NMFS Solutions List Actions

Howard, I assume the Shasta Stratification Model is the model they are currently working on (Mike Deas). Does this solution action still include expansion of the model into Trinity and Whiskeytown?

**Sarah Gallagher | Fish Biologist**

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On Tue, Jun 11, 2019 at 7:29 PM Howard Brown - NOAA Federal <[howard.brown@noaa.gov](mailto:howard.brown@noaa.gov)> wrote:

Jeff and others,

I would encourage people to use the most efficient means possible for integrating these actions. Please do not take on an effort to re-write your analyses, but instead consider how you can add these actions as supplemental components.

Howard

On Tue, Jun 11, 2019 at 4:55 PM J. Stuart - NOAA Federal <[j.stuart@noaa.gov](mailto:j.stuart@noaa.gov)> wrote:

Thanks Howard (I think.....)

Jeff

On Tue, Jun 11, 2019 at 4:41 PM Howard Brown - NOAA Federal <[howard.brown@noaa.gov](mailto:howard.brown@noaa.gov)> wrote:

Folks,

NMFS shared a list of 46 "solution" actions with Reclamation and they have agreed to incorporate several of them into the proposed action. Attached is a list of actions that they agreed to incorporate and I think that at this time, you might want to start writing them into your sections as necessary rather than wait to hear back from Reclamation. You will see that there are details missing for many of these, but I hope to resolve this in the next day or two. We are working on approaches for other actions, most of which have to do with collaborative planning actions and strategy.

Howard

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**Howard L. Brown**

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