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**From:** Sarah Gallagher - NOAA Federal <sarah.gallagher@noaa.gov>  
**Sent:** Wednesday, April 17, 2019 1:42 PM  
**To:** Provins, Samuel  
**Cc:** Chamberlain, Charles  
**Subject:** Water temperature data at the confluence of Clear Creek

Hi Sam and Charlie,

I am interested in describing water temperatures that migrating steelhead are experiencing when they enter Clear Creek mid-Aug and Sept. I have passage data and water temps at C CVS, but think temperatures are heavily influenced by Sac river temps in 2014 and 2015. Could I get the water temp data excel for the Confluence site for comparison?

Sometime in the near future I'd like to discuss a couple ideas that I have for summarizing Clear Creek water temperature data. I'm trying to find the appropriate ways describe temperature exposure and effects to fish, and compare it to what may occur under future operations. I don't have time to work on this for what I am currently doing; but sometime soon. I'm sure have some suggestions and have already done some work on this. Also interested on you perspective on the Santa Cruz draft temperature paper.

Thanks for all the summaries you have provided to date, been very helpful.

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