From: Evan Sawyer - NOAA Federal <evan.sawyer@noaa.gov>

**Sent:** Thursday, June 13, 2019 4:07 PM **To:** Cathy Marcinkevage - NOAA Federal

Cc: Garwin Yip - NOAA Federal; Naseem Alston - NOAA Federal

**Subject:** Re: Draft ITS (Shasta temperature)

Hi Cathy, Garwin and Naseem,

Attached is a revised version of the approach to identify take related to Shasta temperature operations.

Just to clarify my intent: I was trying to describe "authorized take" as the effect of operations where the following are indicators of that effect:

- Tier frequency would occur at a rate identified,
- Average temperature exceedances/TDM would be as identified,
- Operations would not deviate from the annual TMP,

## AND/OR

• Operations are deemed consistent with the performance metrics outlined in... (this was my attempt at accommodating an alternative to reinitiation).

## Evan

On Wed, Jun 12, 2019 at 11:38 PM Cathy Marcinkevage - NOAA Federal < <a href="mailto:cathy.marcinkevage@noaa.gov">cathy.marcinkevage@noaa.gov</a> wrote:

Some revisions on top of Garwin's. Some of these are to update based on the PA revisions that just happened today.

These are temperature-related. Are additional types in the works (flow-related?)?

On Wed, Jun 12, 2019 at 10:23 PM Garwin Yip - NOAA Federal <<u>garwin.yip@noaa.gov</u>> wrote: Evan,

See my track changes, attached.

-Garwin-

Garwin Yip

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On Wed, Jun 12, 2019 at 4:09 PM Evan Sawyer - NOAA Federal <<u>evan.sawyer@noaa.gov</u>> wrote: Hi All,

Attached is my draft of the ITS for Shasta temperatures. If you could, please take a look and critique as necessary.

Thanks, Evan

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