From: J. Stuart - NOAA Federal <j.stuart@noaa.gov>

Sent: Thursday, April 25, 2019 12:25 PM **To:** Evan Sawyer - NOAA Federal

Subject: Re: Use of "entrainment" as a stressor

I was trying to use "routing", "transit times", altered hydrodynamics, etc. in the section write up when discussing actual stressors related to flow; entrainment is the movement into a channel form another channel which is how I see it.

On Thu, Apr 25, 2019 at 11:56 AM Evan Sawyer - NOAA Federal < evan.sawyer@noaa.gov wrote: Hmmm OK, I see that in the stressor table you have both "Entrainment" and "Flow Conditions". I think it makes sense to refer to both. I was just wondering if you ever specifically referred to the "Entrainment" stressor when you may have describing "Flow Conditions"?

Not a big deal, just a consistency thing, Evan

On Thu, Apr 25, 2019 at 11:40 AM J. Stuart - NOAA Federal < j.stuart@noaa.gov > wrote: I have used entrained/ entrainment as part of flow effects for going into different channels, with advection also used when talking about tidal forcing. Sorry for the obvious confusion now on the terms usage.

On Thu, Apr 25, 2019 at 10:00 AM Evan Sawyer - NOAA Federal <<u>evan.sawyer@noaa.gov</u>> wrote: Hey Jeff,

I wanted to check with you regarding how you've used or referenced "entrainment" as a stressor. I'm writing up the stressor intro and I've focused on entrainment/impingement at water diversions and i wanted to make sure that you're not using "entrainment" as a stressor for "flow conditions: routing affecting survival" (things like DCC, Georgiana Slough advections, etc.)?

Thanks, Evan

Evan Bing Sawyer,

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