

**Anderson, Skyler@Waterboards**

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**From:** Toz Soto <tsoto@karuk.us>  
**Sent:** Tuesday, February 17, 2015 1:26 PM  
**To:** Anderson, Skyler@Waterboards  
**Subject:** RE: Stanshaw Creek

Also should note the gauge in the photos was not deemed as valuable because of excessive sedimentation in the pond. It was eventually buried until we recently excavated the pond.

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**From:** Toz Soto  
**Sent:** Tuesday, February 17, 2015 1:22 PM  
**To:** Anderson, Skyler@Waterboards  
**Subject:** RE: Stanshaw Creek

Hey Skyler

Attached is our working flow database we share with the Forest Service. Measurements are taken using a Swoffer Velocity meter using a standard protocol for calculating cfs. In the spreadsheet, data labeled Stanshaw Creek are measurements collected in the creek, mostly below the diversion point, but with a few above. The data labeled Stanshaw Creek Diversion are measurements collected directly in the diversion ditch, most are collected near the outlet before it flows into Irving Creek. I included our entire flow record for local mid Klamath tributaries, it should provide a better perspective when looking at Stanshaw flows. Ti Creek, Sandy Bar and Rodgers Creek are comparable streams with similar sized watershed areas and location. Let me know if you need further explanation with this data.  
toz

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**From:** Anderson, Skyler@Waterboards [Skyler.Anderson@waterboards.ca.gov]  
**Sent:** Friday, February 13, 2015 12:31 PM  
**To:** Toz Soto  
**Subject:** RE: Stanshaw Creek

Thank you for sending over the photos so fast. I notice the stage gauge in one of the photos and also recall that you said you have flow data for Stanshaw Creek. Could you share any flow data that you have or are aware of?

Thank you,

Skyler Anderson, Environmental Scientist  
Enforcement Unit 5, Division of Water Rights  
State Water Resources Control Board  
1001 I Street, 14<sup>th</sup> Floor  
Sacramento, CA 95814  
Phone: 916-341-5355  
Email: [sanderson@waterboards.ca.gov](mailto:sanderson@waterboards.ca.gov)

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**From:** Toz Soto [mailto:tsoto@karuk.us]  
**Sent:** Friday, February 13, 2015 12:16 PM  
**To:** Anderson, Skyler@Waterboards  
**Subject:** RE: Stanshaw Creek

Here are the photos, note that the name Stenshaw is misspelled on the photo labels.

thanks  
toz

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**From:** Anderson, Skyler@Waterboards [Skyler.Anderson@waterboards.ca.gov]  
**Sent:** Friday, February 13, 2015 10:49 AM  
**To:** Toz Soto  
**Subject:** RE: Stanshaw Creek

Toz,

Do you still have the photos of the dead fish from 2009?

Thank you,

Skyler Anderson, Environmental Scientist  
Enforcement Unit 5, Division of Water Rights  
State Water Resources Control Board  
1001 I Street, 14<sup>th</sup> Floor  
Sacramento, CA 95814  
Phone: 916-341-5355  
Email: [sanderson@waterboards.ca.gov](mailto:sanderson@waterboards.ca.gov)

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**From:** Toz Soto [<mailto:tsoto@karuk.us>]  
**Sent:** Wednesday, January 28, 2015 9:43 AM  
**To:** Anderson, Skyler@Waterboards  
**Subject:** RE: Stanshaw Creek

Hello Skyler

Sorry its taken so long to respond, I was on vacation when this email was received and it got lost in my inbox.

I've observed fish mortality in Stanshaw creek only once back in 2009, but believe it occurs more often during drought years when water supply is limited. The dead fish were found in the off channel pond fed by Stanshaw Creek that is located along the mainstem Klamath River floodplain near the mouth of Stanshaw Creek, a description of the pond is included in the attached habitat report by Ross Taylor. The report was also recently shared with Taro Murano of the Waterboard. I documented the mortality in the off channel pond with photos, but did not do a write up. I believe the cause of mortality was simply lack of flow entering the pond, a minimal amount of flow is needed to maintain volume and suitable water quality conditions for juvenile salmon. I found one dead juvenile coho salmon and five dead juvenile steelhead in late July of 2009. I believe the fish died from temperature shock after the flows into the pond were reduced by the Marble Mtn Ranch diversion to a point where the pond had lost enough volume and depth to be cold enough to support fish. At the time, the pond was fed by a side channel of Stanshaw Creek, but since that time our fisheries crews have manually redirected the majority of flows in to the pond by simply moving rocks to enhance flow to the off channel pond.

I can be reached at 530-627-3116 ext 1 if you wish to discuss these issues or send additional questions.  
thanks

toz

Toz Soto  
Karuk Department of Natural Resources  
Fisheries Program Coordinator

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**From:** Anderson, Skyler@Waterboards [Skyler.Anderson@waterboards.ca.gov]  
**Sent:** Monday, January 05, 2015 2:14 PM  
**To:** Toz Soto  
**Subject:** Stanshaw Creek

Toz,

My name is Skyler Anderson and I work in the Division of Water Rights for the State Water Resources Control Board. I am writing to you in regards to the Marble Mountain stakeholders meeting on the 17<sup>th</sup> of December 2014 in Orleans. Some of the Stake holders at the meeting have indicated that you may have information on fish kills in Stanshaw Creek? If you do have information on any fish kills in Stanshaw Creek can you forward me that information. Also, I would be interested in receiving any documents pertaining to habitat study's or spawning surveys in Stanshaw Creek.

Thank you,

Skyler Anderson, Environmental Scientist  
Enforcement Unit 5, Division of Water Rights  
State Water Resources Control Board  
1001 I Street, 14<sup>th</sup> Floor  
Sacramento, CA 95814  
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