

Anderson, Skyler@Waterboards

From: Anderson, Skyler@Waterboards
Sent: Monday, February 09, 2015 1:12 PM
To: 'Toz Soto'
Subject: RE: Stanshaw Creek

Toz,

Thank you for getting back to me and for providing the detailed information on the fish kill in 2009.

Thank you,

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

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 is 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

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 17th 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
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State Water Resources Control Board
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