
From: Naseem Alston - NOAA Federal <naseem.alston@noaa.gov>
Sent: Saturday, May 4, 2019 1:10 AM
To: Cathy Marcinkevage - NOAA Federal
Subject: Re: Spring-Running in Analytical Approach

I'm not really working this late, just happened to open my computer!



I'm thinking it could be a little clearer. We use the term "spring-running" but maybe we could define it in this section.

see below for some edits. what do you think?

we could go even further and explain that they are not genetically tested, or might not key as spring-run genetically...

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On Fri, May 3, 2019 at 11:25 PM Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov> wrote:

Hey Naseem --

The Analytical Approach is cleared! I'm cleaning up comments now.

I wanted to check on my use of spring-running fish. Rosalie just flagged it with a question on the use of the term. Here's an excerpt. Does this make sense to you or am I getting something wrong? I used it to get at the fish that do this but for some reason or another are not being considered yet as spring run.

Let me know if I should change this at all, and, then once my references are inserted, we are DONE.

Thanks!
Cathy

The effects of the PA are analyzed with consideration for the diversity and spatial structure of the salmonid populations. Because the effects of the PA are experienced at locations where individual populations (e.g., Mill Creek spring-run Chinook salmon and Butte Creek spring-run Chinook salmon) come together, the effects to individual populations are not always differentiated in the effects analysis. [In order to assess the likelihood of survival and recovery of](#) spring-run Chinook salmon, all Sacramento River basin populations are analyzed as a

single unit. Effects are separately analyzed for San Joaquin River basin spring-run Chinook salmon in order to assess likelihood of survival and recovery of spring-running fish in this basin. The San Joaquin River basin includes both Chinook salmon with run timing typical of juvenile and adult spring-run Chinook salmon ("spring-running" Chinook salmon), fish and the reintroduced spring-run Chinook salmon when outside of the experimental population designation area. fish This with the experimental population is exempt from ESA section 9 take prohibitions when inside the designation area, but, does because individuals of the experimental population do not carry take exemptions from take prohibition when outside of the designated experimental population area, or in an area of overlap with individuals that are not part of the experimental population (50 CFR 222.501(a)).
