

Upper Sacramento Scheduling Team

Spring Pulse Flow Planning Subgroup

Tuesday, December 1, 2020, 12:00-1:00 p.m.

Meeting Summary

Participants

Reclamation	Josh Israel, Elissa Buttermore, Suzanne Manugian
USFWS	Jim Earley
NMFS	Flora Cordoleani, Cyril Michel
CDFW	
DWR	Kevin Reece
SWRCB	Michael Macon
SRSC	Anne Williams
Kearns & West	Julie Leimbach, Alyson Scurlock

Action Items

- Suzanne to further develop the Spring Flows Study Plan outline and circulate to the group.
- Flora to add sections to NMFS' previous monitoring plan and circulate to the group.
- Suzanne to provide update on modeling and timeline to Kearns & West after modeling meeting on 12/2.
- Kearns & West to develop operational process outline for inclusion in the Spring Flows Study Plan.
- All to email Terra if the drafting deadlines need to be adjusted.

Key Discussion Topics with Summary of Perspectives, Outcomes, and Agreements

Meeting Objective

1. Review next steps for analysis and drafting, including drafting assignments and timeline

Review 11/17 Action Items

Kearns & West reviewed action items from the 11/17 Spring Flows subgroup meeting. Updates include:

- Suzanne incorporated all feedback into the Spring Flows Study Plan Outline.
 - Suzanne and Flora are working to draft sections of the Spring Flows Study Plan.

- Josh, Cyril, and Suzanne have a meeting to discuss Reclamation's and NMFS' models on 12/2.

Monitoring Plan

Kearns & West opened the discussion for what should be included in the monitoring plan. NMFS has a previous monitoring plan focused on acoustic telemetry that the Spring Flows subgroup can use as a starting point. Feedback from subgroup members included:

- Flora suggested adding sections about reservoir temperatures, egg incubations, and winter-run.
- Cyril suggested adding a component for monitoring river conditions such as responses of water temperatures and turbidity downstream of the reservoir.
- Suzanne suggested that the monitoring plan should align with the "Measured Variables" component of the Spring Pulse Flow Study Plan.

Spring Pulse Flow Study Plan Outline

The Spring Flows subgroup discussed sections of the Spring Flows Study Plan. Reclamation clarified that the Spring Flows Study Plan will outline the steps (e.g., modeling and assessment) that will be taken in the spring to assess whether real-time conditions support a spring pulse flow and if so, what the shape/timing should be. The goal is to have a documented approach that can be replicated if a different group is implementing it in the future. Subgroup members were supportive of having an end result that is an open and transparent model or excel sheet for people to use.

Scheduling

Kearns & West proposed a draft schedule for completing the Spring Flows Study Plan and asked subgroup members to send an email if the drafting deadlines need adjustment.

- Draft sections not dependent on modeling (Due 12/16)
- December 16 Meeting: Review modeling results and comparisons
- Draft other sections (Due 12/23)
- Provide ~ 2 weeks for subgroup and USST comments on 1st draft (Due Thurs 1/7)
- Provide ~2 weeks to integrate revisions (Due Thurs 1/21)
 - Suggest USST meeting here
- Provide 1 week for final comments (Due 1/28)
- Integrate comments and finalize plan (Due 2/4)

Next Steps

- Kearns & West will begin to develop the operational process outline for inclusion in the Spring Flows Study Plan.
- Reclamation and NMFS will meet to discuss the models and determine next steps.

- Cyril and Suzanne will help draft the sections focused on modeling in the Spring Flows Study Plan.

Next Meeting

Tuesday, December 16, 12:00-2:00 p.m.