

CDFW 2020 Strategy Session #2 Meeting Agenda



Sites Reservoir Project

Date: May 20, 2020

Location:

WebEx

Call in : 408-418-9388, access code: 961 415 679

Time: 2:30 pm – 4:00 pm

Purpose: Discuss and develop 2020 CDFW ITP approach

Invitees:

Ali Forsythe, Sites Authority
John Spranza, HDR
Erin Heydinger, HDR

Rob Tull, Jacobs
Chris Fitzer, ESA

Monique Briard, ICF
Jim Lecky, ICF

Agenda:

Discussion Topic	Topic Leader	Est Time
1. Review of Action Items	John	5 min
2. Update on Recent CDFW Meetings a. Meeting context and goals	Ali	10 min
3. Review/Discuss Strategy Table	All	30 min
4. Discuss Strategy/Next steps	All	30 min
5. Review New Action Items	John	5 min

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Action Item	Owner	Deadline	Notes	
1	Ali to discuss deal vs. analysis approach with Jerry and get direction	Ali	6/5/20	
2	Discuss potential creation of a Sites BON for staff to use in negotiations	Ali	6/10/20	
3	Refine tax table for backward iteration of fishery effects and then determine the yield and engineering inputs needed to incorporate into the BON	Tull/Lecky	TBD	This is likely several Action Items and needs to be discussed
4	Review/revise upstream diversion criteria for DS benefit protections	Lecky	After AI 1 is complete	

Action Item	Owner	Deadline	Notes
and NDOI, Freeport and OMR requirements from ITP			

Notes

1. No real diversion criteria at Ham City and Red Bluff
2. Need to identify what a reasonably foreseeable project is:
 - Tisdale Notch is in process (NOP) but spring rearing flows are just conceptual wish list
 - Identify methodology to differentiate and analyze an actual project from a conceptual one
3. Travel time from Shasta to Delta needs to be incorporated into the project analysis as conditions at diversions can be very different from downstream conditions.
 - Shasta to Delta is about 5-6 days
 - Hamilton to KL is 3-ish days
 - Shasta to Keswick is about 1 day
 - By the time the flood peak hits the Delta the conditions at the diversions would be 3-4 days in the past
 - Tax table was an approach to address that.
 - Flow protections at the diversions could be used and that would propagate those protections or benefits for fish downstream
 - Can there be a correlation from 44.5K NDOI back to conditions at the diversions to account for time of travel and allow real-time operations?
 - The daily model could do the backward iteration
4. Criteria at diversion facilities that includes the backward iteration would need to be chosen with the downstream criteria in mind.
 - a. Would be analyzed to see the effect of that criteria (negative and beneficial)
 - b. Adjust criteria at diversion to minimize/maximize effect
 - c. Mitigate the residual impacts
5. Members are not in total agreement on CDFW approach (deal or analysis) and that needs to be addressed in Res Com and Board
 - a. AI: Ali to discuss with Jerry and get direction
6. Res Com and Board could provide the equivalent to a Basis of Negotiation (BON) that would define the range of acceptable criteria that sites staff can negotiate to without further approval from RC or Board.
 - a. AI: Refine tax table to backward iteration of fishery effects and then determine the yield and engineering inputs needed to incorporate into the BON
7. May need to rely on a CDFW policy decision for our proposed permit criteria
 - a. Optimize project and acknowledge impacts and benefits
 - b. Compare to the CDFW scenarios
 - c. Define the yield and cost requirements in the BON
 - d. Educate CDFW about the rationale for upstream protections and how they relate to downstream benefits and effects to areas they are concerned with (ITP)
 - e. Elevate to CDFW MGT to make a decision (accept, reject or conditionally accept with revision) based on benefits and effects not staff-proposed downstream criteria.
8. Will need to campaign with NGOs that highlight the benefits and objectives of the project
 - a. Temperature relief for winter run
 - b. Back to back dry years
 - c. Coldwater pool
 - d. Protect hydrograph, etc.