

## Design Team Meeting Notes

02 October 2018

**Attending in person:** Mike Dixon (TRRP), Logan Negherbon (TRRP), Fred Meyer (McBain Assoc./HVT), John Bair (McBain Assoc./HVT), Ken Lindke (CDFW), Amelia Fleitz (USFS), Todd Buxton (TRRP), James Lee (TRRP), Trevor Morgan (DWR), Seth Laurence (DWR), Dave Gaeuman (TRRP)

**Attending via WebEx:** Aaron Martin (YT), Mark Smelser (CDFW), DJ Bandrowski (YT), Conor Shea (USFWS), Damon Goodman (USFWS)

The meeting opened with introductions and then transitioned to updates from the design groups.

### Updates

Logan described the status of **Sky Ranch**, which is moving along with a modified version of Alternative A from the 30% design with the addition of an upstream meander with mid-channel bar.

Aaron said that **Oregon Gulch** is moving forward with the anastomosing channel design with two channels rather than the three previously presented. They have taken to heart the comments regarding going big and lowering in the areas that are high. They want to challenge the river to take the furthest path but provide alternatives for evolution. They are currently in the model iteration phase and expect an updated terrain to be done mid to late October.

DJ asked whether the program had completed an accountability report yet on the VE study for the aforementioned projects, Mike answered not yet.

**Chapman Ranch** is progressing and they are currently working on providing the support that the program office needs for permitting of Phase A. A 90% report should be completed this month. The team targets to release the project for public comment November 19<sup>th</sup>. At this point in time, this project could be viable for implementation in 2019.

The **Dutch Creek** team has had issues with WUA development that are nearly resolved; in part this was because of Ken being tied up with troubleshooting of the Willow Creek weir. The FS enterprise team is delayed on updated wood designs. The structures will be in the same places and the same types of designs, but they have reduced the inundation height. Mike updated regarding the initial findings of the test pitting efforts there and at Evans Bar, which found bedrock below 15ft is all spots but one where bedrock is found at 14ft. Mike introduced the enrollment of the Shasta Trinity NF's landscape architect, Zanard Choice, onto the Dutch Creek team to develop artist's renderings to improve the project's compliance with Wild and Scenic Act values specifically addressing the long-term benefits of the enhancements, as well as addressing ways to improve the design's fit into its setting. The release for this project to the public is running parallel to the Chapman Ranch project and could be viable for implementation in 2019.

Mike provided an update on Upper Hamilton Pond dredging, which was suspended at the last minute due to concerns over lamprey ammocoetes. There was some discussion of the habitat value of the pond for a range of species and potentially modifying the ponds in the future. Wes asked if/how we could enlarge the upper pond or build additional ponds. Dave reiterated his perspective that we may no

longer need the ponds anymore for sediment retention because our modern flow regime can mobilize the sand. There was also some discussion of beaver dam-induced dynamism in the ponds.

#### Design report template discussion

We then moved to the main topic of discussion, which was a live-editing of the draft design report template that was developed by Logan with input from others. The conversation was largely adopted as on-the-fly edits. Action items and outstanding questions from the conversation are below.

**Of the Physical and Riparian and Aquatic Ecology Work Groups, the Design Team requests revision of the floodplain connectivity metric to reflect acknowledged evolution of the thinking on that metric since Dave initially published it in the River Corridor Study.**

**Of the Riparian and Wildlife Ecology Work Group, the Design Team requests direction on whether the FYFAM model should be used for site characterization, alternative analysis, or none of the above in design report development.**

**Of the Riparian and Wildlife Ecology Work Group, the Design Team requests clarity on which riparian vegetation metric should be used at the 30% level. John Bair will re-send the list of metrics from the Feb 2018 design team meeting.**

**Logan will circulate an updated version of the template and submittals checklist by the end of October for 2 weeks of comment, after which it will be adopted for the ongoing reports being developed.**