

Technical Workgroup Summary

June 2015

Updates have been prepared by the Trinity River Restoration Program technical workgroup coordinators for the Trinity Management Council and the Trinity Adaptive Management Working Group.

Workgroup: Flow

Coordinator: Robert Stewart

- The Flow Work Group last met on March 3, 2015.
- At that meeting the group decided on the spring restoration flow release hydrograph that the Trinity Management Council later approved. Currently this hydrograph is being implemented by Central Valley Operations.

Workgroup: Fish

Coordinator: Steve Cannata

- The Fish Workgroup last met on March 16, 2015.
- The Workgroup developed and submitted a prioritized list of projects recommended for the Fiscal Year 2016 work plan. The primary recommendations addressed were: (1) systemic and site specific habitat assessments, (2) juvenile salmonid assessments, and (3) adult Chinook salmon population assessment.
- The Fish Workgroup also discussed their role in the development of integrated project analyses.
- The next Fish Workgroup meeting is planned for early July.

Workgroup: Gravel Augmentation

Coordinator: Robert Stewart

- The Gravel Augmentation Workgroup did not meet this quarter.
- The long term gravel augmentation strategy is an integrated resource management strategy and is now being guided by the Interdisciplinary Team (IDT).
- A subgroup is describing current conditions as well as long and short term goals at five sites (Ponderosa to Poker Bar Bridge; Steelbridge to Steelbridge Day Use; McIntyre Gulch rehabilitation site; Sawmill rehabilitation site; Deep Gulch rehabilitation site) for developing short and long term management strategies.

Workgroup: Wildlife and Riparian

Coordinator: James Lee

The Wildlife and Riparian Workgroup did not meet this quarter. Members worked individually and in small groups on the following tasks:

- The riparian vegetation mitigation and monitoring plan was distributed to cooperating agencies for their review.
- The Hocker Flat irrigation system and planting was completed.
- Hoopa Valley Tribal Fisheries technicians began irrigating at Lorenz Gulch and Lower Junction City.
- A Systemic Riparian Mapping Technical Memorandum was reviewed and submitted to the Program.
- The 2002-2014 Riparian and Riverine Bird Population Trend Report was submitted for Program review.
- The Water Year 2014 Geomorphic and Riparian Monitoring Report was submitted for Program review.

Workgroup: Interdisciplinary Team

Coordinator: Ernie Clarke

- The Interdisciplinary Team last met on May 28, 2015.
- The group has provided input on the Fiscal Year 2016 priorities, a new broad restoration planning effort, the September 2015 sediment management lessons learned workshop, and the 2016 science symposium.
- The group will next meet on July 1, 2016.

Workgroup: Design

(Acting) Coordinator: Conor Shea

- The Design Team leads met with TRRP staff to discuss design schedules and to coordinate development of designs for channel rehabilitation projects with other Program activities.
- The Design Team Workgroup held a four-hour conference call on April 30, 2015. Dave Gaeuman reviewed the work schedule for development of design plans for the Lower Valley channel rehabilitation projects (Chapman Ranch, Deep Gulch, and Sheridan Creek). Eric Peterson gave the Workgroup a presentation on the HBLM Output Visualization Tool (an ArcMap tool developed for the Program, designed to display and analyze two-dimensional hydraulic modeling results).
- The Design Team Workgroup discussed post project assessment strategies for evaluating channel rehabilitation projects. The three project teams working on the Lower Valley projects (Hoopa Valley Tribe – Chapman Ranch; Federal Design Team – Deep Gulch; Yurok Tribe – Sheridan Creek) provided an update on their progress and description of the project concept plans. The State Design Team provided an update on Lower and Upper Dutch Creek Projects.
- Dr. Nate Bradley completed preliminary two-dimensional hydraulic modeling (SRH) of the Lower Valley area. TRRP staff facilitated transfer of model run results to Design Teams.
- The State Design team completed a design report for the Lower Dutch Creek channel rehabilitation area.

Workgroup: Watershed

Coordinator: Sean Ledwin

- The Watershed Workgroup created a draft request for proposal (RFP) for Fiscal Year 2016 that was submitted to the Bureau of Reclamation and Department of Interior solicitors for review. The administrative and legal reviews have been completed, and the Trinity Management Council has provided comments on the document.
- The Watershed Workgroup has also developed a draft white paper exploring causal linkages of proposed project activities and the Trinity River Division as well as linkages to Programmatic means objectives.