

TUOLUMNE RIVER TECHNICAL ADVISORY COMMITTEE

DON PEDRO PROJECT - FERC LICENSE 2299

MODESTO IRRIGATION DISTRICT
TURLOCK IRRIGATION DISTRICT
CITY & COUNTY OF SAN FRANCISCO
CALIFORNIA DEPARTMENT OF FISH & GAME
U. S. FISH & WILDLIFE SERVICE



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TECHNICAL ADVISORY COMMITTEE MEETING

10 March 2016 at 9:30 AM

Turlock Irrigation District, Room 152

Summary

1. INTRODUCTION AND ANNOUNCEMENTS

- Participants made self introductions.

2. ADMINISTRATIVE ITEMS:

- Review/Revise agenda – No changes.
- Approve notes from December meeting – No changes were identified. However, it should be noted that date corrections were made to all the standard SWS thermographs on February 8th and 9th and that date errors found in the previous data set were corrected. Notes for the last meeting are posted to the TRTAC website: <http://tuolumnerivertac.com/>
- Items since last meeting – A handout list posted at <http://tuolumnerivertac.com/> was reviewed.
- No annual monitoring report documents were posted, but will be included in the 2015 Annual Summary Report on April 1st.

3. MONITORING/REPORTS: (*Handouts were reviewed*)

- Fall run information – As of today's date, 434 Chinook have migrated upstream past the counting weir, as compared to 673 at this same time last year. No *O. mykiss* passages were recorded this season. The Annual Weir Report is being reviewed presently. Noah recommended that a full accounting of weir year 2014 be added to the report in Appendix B.
- Ongoing monitoring – seine crews continue to operate every other Tuesday. The Rotary screw trap's at both Grayson and Waterford are presently running. However, monitoring at Grayson was intermittently halted earlier in the season due to low flows and rafts of water hyacinth which caused anchoring cables to break. The annual seine and rotary screw trap reports are nearly complete.
- Noah suggested that a 5 year compilation of redd survey reporting be assembled for future use in rehab work.
- The annual snorkel survey will be conducted this summer. However, a follow up to the tail beat frequency snorkel study will not be repeated.
- A discussion was held regarding a sampling design for striped bass distribution and abundance. It was suggested that additional snorkel sites be added to the annual snorkel survey in order to collect data on striped bass. Some of the additional approaches were: baited video traps, fishing, angling, snorkeling and movement data

from the La Grange Weir.

4. FLOW OPERATIONS:

- Current watershed conditions as of March 9, 2015: the Tuolumne River watershed was at 121.6% of accumulated precipitation. However, this water year is considered a below normal water year type due to lower than normal precipitation over the last 3 years. Base flows will remain at 150 cfs until a pulse flow schedule is defined. TID will work with Zachary Jackson (USFWS) and Tim Heyne (CDFW) to shape and time a spring pulse flow. Wayne is waiting on snow sensor data from Jason Carkeet, for preparation of the Annual Report.

5. AGENCY/NGO UPDATES

- No announcements from TRT or TRC.

6. ADDITIONAL ITEMS

- None

7. NEXT MEETING DATES – JUNE 9, SEPTEMBER 8, DECEMBER 8

TRTAC Meeting Attendees

	<u>Name</u>	<u>Organization</u>
1.	Patrick Maloney	TID
2.	Wayne Swaney	Stillwater Sciences (by phone)
3.	Noah Hume	Stillwater Sciences (by phone)