

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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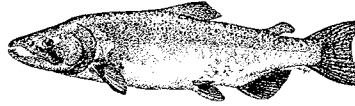
TECHNICAL ADVISORY COMMITTEE MEETING

15DEC, 2004, 9:30 a.m.

Turlock Irrigation District, Lunch Room (2nd floor)

DRAFT AGENDA

1. Introduction
 - A. Comments on draft agenda
 - B. Correspondence since last meeting
2. **ACTION ITEMS:**
 - A. 2002 CWT evaluation
 - B. CALFED Science proposal
 - C. Monitoring activities
3. General FSA Update:
 - A. FSA/Order activity and data/report status (incl. annual and 2005 reports)
 - B. Agency and NGO updates
 - C. Monitoring
 - D. River operations and forecasts
 - F. Restoration
 1. Funding, planning and implementation
 2. Project monitoring
 3. Other restoration information (TRC, etc.)
4. Additional items
5. Next meeting and topics



TECHNICAL ADVISORY COMMITTEE

DRAFT MEETING SUMMARY

15 December 2004

1. Introduction: Fryer moved to TID Civil Engineering and will remain the restoration project manager; Leibersbach moved to TID Water Planning and will supervise aquatic biology program.
 - A. Comments on draft agenda: none; comments were made on September meeting notes
 - B. Correspondence since last meeting: revised version as handout; Boucher asked that FERC filings be added to annual report
2. **ACTION ITEMS:**
 - A. 2002 CWT evaluation: discussion on analysis of Mossdale data – subgroup should discuss potential recommendations; Yoshiyama/Hume to provide update report and summary for next filings
 - B. CALFED Science proposal: several concerns were discussed about predation proposal from Hume, a multi-watershed approach requiring data sharing and workshop – not supported for now, but other comments to Hume by 26DEC
 - C. Monitoring activities: permit info goes to Marston for planned seining; discussed snorkel methods - Hume to check on Stanislaus snorkel methods
3. General FSA Update:
 - A. FSA/Order activity and data/report status (incl. annual and 2005 reports): reviewed timeline and items for annual report and status and plans for annual report – may not be opportunity to review draft as requested, suggested report topics/items to be provided to Ford by 21JAN; reviewed 2004 FSA expenses – DFG will bill on CWT and RST efforts, funding for Tuolumne biologist will end 30JUN2005; Blakeman will send 2003 spawning report; Ford to send out completed reports to TRTAC
 - B. Agency and NGO updates: McLain - Martinez in Florida, steelhead critical habitat proposed, green sturgeon status in review; Mesick mostly working on assisting proposals
 - C. Monitoring: Districts temperature data has been updated on SJ basin website; Ford provided initial salmon run data as compared to recent years; previous DFG RST data available on BDAT website; DFG to check for data on other fish species for proposed summary report; DFG and Ford to work on data/assignment for 2004 spawning report as DFG has limited funding and staff
 - D. River operations and forecasts: Ford to check on fall flow pattern with Monier as DFG

expressed concern about small reductions; no changes forecasted

E. Restoration

1. Funding, planning and implementation: Fryer provided status update memo
2. Project monitoring: redd counts at Bobcat Flat
3. Other restoration information (TRC, etc.): distribution by Fryer of Design Manual on CD – to be posted on AFRP website; Boucher reported that Bobcat Flat funding was extended to SEP2006 – working on permitting/documents; 4-pumps has evaluated several projects; TR Coalition is working on “Framework for the Future” document and held NOV workshop
4. Additional items: Marston will send the Stanislaus WT criteria information
5. Next meeting and topics:

The next TRTAC meeting will be 10 March 2005 at 9:30 AM.

FERC 2299 TRTAC Meeting
15 December 2004

<u>Name</u>	<u>Organization</u>
Tim Ford	TID/MID
Wilton Fryer	TID
Debbie Liebersbach	TID
Roger Masuda	TID
Allison Boucher	FOT
Noah Hume	Stillwater Sciences
Ron Yoshiyama	CCSF
Carl Mesick	FWS/AFRP
Dean Marston	DFG
Tim Heyne	DFG
Dennis Blakeman	DFG
Jeff McLain	NMFS
Steve Walser	CRRF



TURLOCK IRRIGATION DISTRICT

CIVIL ENGINEERING DEPARTMENT MEMORANDUM

TO: TRTAC
FROM: Wilton Fryer
DATE: 15 December 2004
RE: Restoration Projects - Status Update

<u>Project</u>	<u>Funding</u>	<u>Status</u>
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Completed Projects:

SRP 9	Full	Construction completed, revegetation planted and maintained for two years, and final replacement planting completed in December 2003. NOC filed March 2003.
SRP 10 Dike	Full	Construction complete. NOC filed March 2003.
7\11 Segment	Full	Construction complete with remaining revegetation planted in December 2003. 7\11 Materials NOC filed March 2003. HART NOC filed May 2004. A separate limited irrigation & maintenance agreement is in place for 2004, funded by MWD.
Design Manual	Full	Completed with Final Report submitted 26 February 2004.
Course Sediment	Full	Report was completed with modifications on methods and techniques to protect existing salmonid habitats during implementation.

Active Projects:

MJ Ruddy	Full	Interior Dept. required that the ROW appraisal be redone using a different set of criteria and include a detailed Minerals Report. Completion of the ROW appraisal has taken considerably longer than anticipated. If acquisition cannot be started in December 2004 there is the potential for the USBR-CN Ops to pull \$1.53M from the funding allocation because it has not been spent in the 5 years since it was granted.
Warner-Deardorff	Full	This project is split into 2 phases for funded. Under Phase I the design is at 90% stage with the remaining permitting and ROW appraisal on hold. The ROW is on hold pending the

outcome of the appraisal process for the MJ Ruddy project because the permits are linked. Work on contract with GCAP Service for remaining committed funds under Phase II is proceeding. The CBDA-ERP has not completed their review of the Directed Action package submitted 21 November 2003.

La Grange Gravel	Full	Amendment request was presented 25 March 04. The CBDA requested CSMP revisions be included in a complete revision of the amendment package as if it were a new PSP. This was submitted in early November 2004. The CBDA peer review will be abbreviated and then the district will be allowed to make SOW revisions with McBain & Trush to delete the aggregate mining and expand inchannel gravel infusion work.
Fine Sediment	Full	DFG has indicated acceptance of the sedimentation basin design, but they would like to have some erosion areas north of the old MID Canal treated to reduce the potential sediment buildup in the settling basin. This will involve the Modesto Irrigation District as a property owner. DFG would also like to handle initial maintenance of the vegetation after planting.
RM 43	Full	Design work is completed. The permits and CEQA process under way as part of the larger Bobcat Flat Project.
SRP 10	Partial	This project has been split into two phases. The design under Phase I is being finalized with input from the SRP 9 post project monitoring results and the use of a 2D model for SRP 9 and SRP 10. There is discussion at CBDA that the Phase II funding for acquisition and construction would be considered in a PSP due out in late winter or spring 2005. AFRP is considering placing \$4.5M in their 2006 budget to be used on this project.

1996 FERC Order and 1995 FSA Reports

The 1996 FERC Order for the Don Pedro Project specified several reporting requirements.

-- The Discussion portion of the Order refers to the "Districts' final report" to be filed by April 1, 2005.

-- In Item (F), in the amended Article 58, the Order requires:

1. The Licensees, after consulting with CDFG and FWS, shall implement a monitoring program,
2. The monitoring information obtained under the program will be reported annually by April 1,
3. The Licensees shall file the results of any completed fishery studies not yet filed by April 1, 2005.

-- In Item (G), the Order requires:

1. The Licensees shall include, in the annual reports, a description of non-flow mitigative measures implemented in the prior year and planned in the coming year,
2. The Licensees shall include in the results of fishery studies to be filed by April 1, 2005, all results and a discussion of the results of all monitoring studies related to the effects of flow release fluctuations on the salmon resources,
3. The filing shall identify all non-flow mitigative measures implemented to date,
4. The filing shall include the results of all monitoring related to the non-flow measures.

The 1995 FSA, Section 15, states the Districts, CDFG, and FWS agree to provide monitoring information and other data relevant to the condition of the fishery resources to the TRTAC in a timely manner and that the monitoring information is to be documented in annual reports filed with FERC by April 1.

The Districts have provided their monitoring information in a timely manner to the TRTAC and have filed the required annual reports each year by April 1. The Districts will file another annual report and their required "final" report by April 1, 2005.



Friends of the Tuolumne, Inc.

November 3, 2004

To: Tuolumne River Technical Advisory Committee:

Re: Friends of the Tuolumne CALFED PSP monitoring request

Bobcat Flat RM 43 Post -construction Monitoring Plan

RM 43 is a joint project between Friends of the Tuolumne (FOT) and the TID/MID. FOT and TID have both acquired funds to accomplish restoration on this reach of the river. Both will contribute these funds to portions of the project to accomplish instream, scour channel, and riparian restoration.

Instream restoration will conform to the revised Coarse Sediment Management Plan for the Lower Tuolumne River. Implementation is scheduled for the Summer of 2005. It will be the first new restoration following the new plan format.

Monitoring the new habitat use by resident and migratory fish is an important aspect of the restoration. Intensive investigation will be conducted to identify fish species using the site. Baseline monitoring will begin January 1, 2005 to establish pre-project habitat use.

This CALFED monitoring proposal will provide the resources to follow up the pre-project baseline study and conduct a three year post project study to determine the new use patterns of the restored reach and answer questions about restoration impacts.

A detailed habitat map will be created identifying important habitat types with GPS locations. Adult fish will be angled for using proven hook and line techniques and pertinent data collected. Redd surveys for salmon and *O. mykiss* will be conducted and mapped. Predator fish species will be identified and mapped. We will attempt to identify the full spectrum of species occupying the Bobcat Flat reach.

Questions to be addressed include:

- Does micro-habitat create increases in habitat suitable to Chinook salmon and *O. mykiss* trout in the same site?
- What affect does the restoration have on predator populations?
- Does the restoration increase fish density
- Document presence



Friends of the Tuolumne, Inc.

Public Outreach Activities by Friends of the Tuolumne, Inc.

Present Conceptual Restoration Plan for Bobcat Flat to the general public, March 8, 2004.

Speak with class from Mildred Perkins School, Salida School District, August 21, 2004 at Tuolumne River Regional Park.

Speak with Waterford Planning Commission October 26 and November 23, 2004.

Sponsored juried photo exhibition November 1 – 26, 2004 at Anderson Gallery in Modesto. Photos were of the Lower Tuolumne River.

Gave drift boat tour for Modesto Bee Newspaper reporter and photographer, December 5, 2004.



Friends of the Tuolumne, Inc.

Don Pedro FERC Settlement Agreement

**\$500,000 Riparian Funded by
City and County of San Francisco**

**Administered by the East Stanislaus
Resource Conservation District**

\$500,000	Amount funded
138,467	Match for purchase of Bobcat Flat--2001
22,000	Match for purchase of Big Bend--2002
22,500	Match for purchase of Waterford property--2002
32,500	Boating access in Waterford--2002
70,000	Pledge for purchase of 7 ½ acres in Waterford
32,500	Boating access at County Riverdale Park— February 2003
4,539	Insurance--several years
7,500	Increased pledge for Caro Property purchase by Waterford --March 11, 2003
20,000	Increased pledge for 7 ½ acres in Waterford--March 11, 2003
\$149,994	Balance available