

MEMBER UNITS EXHIBIT NUMBER 32

To: Santa Ynez River Technical Advisory Committee

From: Scott Engblom, TAC Project Biologist, April 8, 1998

Re: Minutes from the March 19, 1998 Joint Meeting of the Technical and Consensus Committee

Department of Fish and Game Representation

Dwayne Maxwell, California Department of Fish and Game (DFG) replaces Paul Forsberg as the Departments representative to the TAC. Ron Remple, head of Environmental Services Division in Sacramento, replaces John Turner as representative to the Consensus committee.

Santa Ynez River Hydrology

Several moderate to large storm events occurred throughout February. The first storm happened during February 2-3, which filled 50,000 acre feet of empty storage, causing Lake Cachuma to spill. In anticipation of continued storm activity throughout the month, the Bureau of Reclamation (BOR) began a 'pre-release' of water prior to subsequent storms to minimize the magnitude of the peak runoff downstream of Lake Cachuma. The peak hydrograph for the winter occurred at 4:00 pm on February 23, 1998 when runoff into Cachuma was approximately 50,000 cubic feet/second. The pre-release delayed and decreased the peak hydrograph downstream of Lake Cachuma.

Project Biologist Report

With the absence of the scientific collection permit, field activities have been scaled down to redd surveys only. No redds were identified in January, and conditions were too turbid in February and early March to conduct surveys. Conditions have cleared enough in San Miguelito, Nojoqui, and Hilton Creeks to conduct surveys. While no redds were identified in any of the creeks, spawning behavior was documented in the mid-portion of Hilton Creek. The pair of rainbow trout/steelhead was estimated to be 16-18 inches in length.

Several major channel changes have occurred in both the mainstem and tributaries, particularly Hilton Creek. The confluence of Hilton Creek was extended approximately 400 feet downstream, and now empties into the upper portion of the long pool. The majority of the mainstem thermographs were taken by the storms, while those in the tributaries have been recovered. The tributary thermographs have since been re-deployed.

The 1996-97 data analysis report for the Santa Ynez River will be distributed to the Biological Subcommittee for comment in April 1998. The scientific collection permit to study steelhead is expected to be issued sometime within the next few weeks.

Management Alternatives Report

The purpose of the Management Alternatives Report was to determine if there is sufficient data to evaluate the various alternatives and to identify which alternatives are the most promising with the current resources. Alternatives that are currently being evaluated include:

- Flow related measures with respect to the Fish Reserve Account (affecting the mainstem and Hilton Creek)
- Habitat enhancement opportunities
- Passage barrier removal
- Transporting fish above and below passage barriers (dams)
- Stock supplementation
- Mortality reduction from anglers and predators

Public meetings to disseminate elements of the management plan will take place prior to any implementation of the management alternatives. Comments on the latest draft of the report are due by the end of April. A draft management plan to be presented to the SWRCB (year 2000) is expected to be completed for final review by November of this year.

Hilton Creek Pump/Siphon

Conceptual plans for the Hilton Creek permanent system have been finalized. Barry Longwell was on site during the first week in March 1998 to sight the course of the pipeline. The current design consists of a twelve inch pipe that bifurcates at three locations: one at the upper BOR property line, one at the previous release site (temporary system), and the last at a location which will refresh the spill basin. The pipeline will deliver a maximum of 10 cubic feet/second of flow into the creek. Projected completion of the project is sometime late September, early October 1998.

Heavy equipment used for the seismic retrofit was stored on the west side of Hilton Creek, near Cachuma Village. The BOR has contacted NMFS for Section 7 consultations to build a ford across the new channel of Hilton Creek and the mainstem Santa Ynez River in order to move the equipment back to the other side.

Future Activities

- Migrant trapping will occur when the collection permit is received. The project should be able to catch the tail end of the migration period
- Lagoon sampling is scheduled once the lagoon closes. Section 7 consultations with NMFS for tidewater gobies is required prior to sampling activities
- A fish rescue program to relocate steelhead/rainbow trout from Hilton Creek to the long pool, will be implemented before flow and temperature approach unacceptable levels as determined by NMFS and the Biological Subcommittee

Minutes from the August 12, 1998
Joint Meeting of the
Santa Ynez River Technical Advisory/Consensus Committee

Project Biologist Report

Upstream and downstream trapping for migrating steel head/rainbow trout began March 23, 1998 upon receiving a scientific collection permit from the National Marine Fisheries Service (NMFS). A combined total of 7 upstream migrants and 18 downstream migrants were captured in Hilton, Salsipuedes, and Nojoqui Creeks.

Redd surveys were conducted opportunistically throughout the mainstem and tributaries on the SYR. Poor visibility conditions resulted in few redds documented. However, several redds were identified in Upper Salsipuedes, San Miguelito, and Hilton Creeks,

Fish rescue operations were conducted in Hilton Creek in late June 1998. Participants in the operation included members of the National Marine Fisheries Service, Bureau of Reclamation Technical Advisory Committee, California Department of Fish and Game, and the US Fish and Wildlife Service. A total of 831 young of the year (yoy), and 3 adults were rescued from Hilton Creek. There were 678 yoy and 3 adults relocated in the SYR between the spill basin and long pool, with an additional 153 yoy relocated to San Miguelito Creek.

Habitat typing using CDFG habitat typing criteria was conducted in Hilton, Nojoqui, Salsipuedes, and El Jaro Creeks throughout June 1998. Subsequent snorkel surveys in the tributaries (except Hilton Creek) resulted in no yoy steel head/rainbow trout being observed. Moderate numbers of juvenile and small adults were observed in Salsipuedes and El Jaro Creeks, and one small adult steel head/rainbow trout was observed in Nojoqui Creek. Late storms in addition to highly turbid water conditions probably limited successful recruitment.

Snorkel surveys conducted in the mainstem during mid July from mile 3.4 through mile 10.5 resulted in over 1000 yoy and 67 adult steel head/rainbow trout being observed. The majority of fish were observed in pool habitats. Additionally, very few largemouth bass (60 yoy, 2 adults) were observed throughout the survey area. Currently, surface algae generally covers about 10% of the snorkeled habitat units, with some habitats approaching 25% coverage. Releases from the dam are remaining at 10 cfs through September 21.

The majority of the temperature units in both the mainstem and tributaries were lost due to high flows. Thermographs have since been replaced and are being downloaded on a monthly basis.

A draft version of the 1996-97 Compilation Report was submitted to the Biological Subcommittee for comment and review on May 22, 1998.

Department of Fish and Game Regulations

In late July 1998, the DFG changed the fishing regulations to 'no fishing' in the tributaries and

mainstem downstream of Bradbury Dam, according to Dwayne Maxwell and Maurice Cardenas. The new regulations were passed in order to be consistent with the Federal Endangered Species Act (ESA) restrictions on 'take'. The ESA prohibits 'take' of endangered species.

Hilton Crook Project Update

Steve Edmondson (BOR) discussed the Hilton Creek project work and the two phases of construction. The first phase is in concert with the spillway modifications, which will be completed around October 1, 1996. The second phase is the actual construction of the pipeline to Hilton Creek, which is scheduled to begin around August .24 and be completed November 26 (approximately 90 days after construction begins).

Section 7 Consultation

Steve Edmondson reported that Reclamation submitted a draft Biological Assessment to NMFS last week for formal consultation regarding Reclamation's operations of the Cachuma Project. When consultation is complete, NMFS will issue a Biological Opinion with conditions and an incidental take permit for project operations. Steve also submitted a final report on the Hilton Creek fish rescue, which went through informal consultation with NMFS prior to implementation in late June.

Bradbury Dam Seismic Update

Barry Longwell (BOR) discussed the three phases of the Seismic work at Bradbury Dam. The first phase is the foundation modification work which is mostly complete. The only remaining activity for completion of this phase is seeding disturbed areas with vegetation this fall. The second phase is the modification of the spillway crest structure and construction of the pipeline to Hilton Creek, which is expected to be completed Fall 1999. The third phase is the terrace filter job located at the abutments of the dam. The work is expected to begin during the spring of 1999 and be completed in the fall of 1999.

Fish Account Releases

The Lake Cachuma spill lasted to late July and was then ramped down to 15 cfs, Jean Baldrige reported that Fish Reserve Account releases were then initiated at a rate of 10 cfs. There were 2600 acre feet of water allocated to the Fish Reserve Account in 1998. Runoff patterns this year allowed the reservoir to be surcharged twice, which contributed additional water to the account. Releases of 10 cfs were expected to continue through mid-September, after which the release will be ramped down to a 5 cfs maintenance release through the end of the year. Some water from the Fish Reserve Account has been reserved to conduct an algae flush this year if needed.

Public Workshop Meetings

An overview of the river studies and potential management alternatives was presented to the public on June 10 and 11, and another on July 8. Participants who attended the workshops included private landowners, taxpayers groups, fly fishers, and other environmental groups, cattle ranchers and farmers. The meetings were designed to both provide information to the public, and allow the public to comment on various aspects of the management alternatives. Ramona Swenson reported that positive feedback was received on the Hilton Creek siphon, Fish Reserve Account, extending the lower channel of Hilton Creek, fishing moratorium in the lower river below Bradbury Dam, surcharge of Lake Cachuma, hatchery supplementation using wild steel head strains, conservation easements, riparian enhancements along tributaries, removal of passage barriers. Management alternatives that received negative feedback included: Alternative release points along the mainstem for groundwater recharge using the State Water Pipeline, wild steel head hatchery, and purchase of tributary water rights.

It was suggested that another public meeting be held January 1999 once a draft Management Plan is available.

Management Plan Progress Report

Jean Baldrige discussed progress of the Fish management Plan. The goal is to provide a consensus based plan to the State water Resources Control Board for the hearings in the year 2000. The Management Plan will build off the Management Alternatives Report (completed March 1998), which reviewed a wide range of potential actions. The plan will include several groups of actions that will address different regions and issues for fish management. Implementation of the plan will be through an adaptive management strategy to allow flexibility in fine-tuning appropriate solutions. Some actions that will assist restoration and recovery of steel head/rainbow trout (Hilton Creek Supplemental water supply system, fishing moratorium, and conservation easements) are being implemented prior to the hearings. Another draft of the Management Plan will be distributed in November 1998, public meetings will be held in January, and a final plan will be ready in June 1999.

Genetic Analysis

Tissue samples have been collected from migrating steel head/rainbow trout since 1993. The majority of the samples were collected between 1995-1997. Two different genetic markers were examined: 1) mitochondrial DNA (mtDNA), which looks at long-term trends in a population on an evolutionary scale, and 2) nuclear micro satellites, which can look at shorter-term trends such as gene flow in a population. Jean Baldrige summarized the preliminary results, which indicate that the mtDNA types most common in southern steel head populations (types 5&8) were common in fish from Salsipuedes Creek, while types that are more dominant in northern and hatchery populations (types 1 & 3, but still present in southern populations) were common in Hilton Creek. The mtDNA data showed different genetic substructures between the upper and lower basin. The micro satellite analysis grouped together (1) Hilton Creek, long pool, and Salsipuedes, and (2) Alisal, San Miguelito, and Devil's Creeks (samples

taken upstream of passage barriers). Small sample sizes were a problem for further conclusions.

Alternative Funding Sources

Ramona Swenson discussed alternative funding sources to assist carrying out portions of the Management Plan. Potential sources include local sources (Cachuma Trust and Renewal Funds), the state (Department of Fish and Game's Fish Restoration Grant Program, California Coastal Conservancy for the lagoon), federal programs (e.g. Fish and Wildlife Service's Partners for wildlife, EPA programs on watershed and wetlands, USDA Natural Resources Conservation Service) and private foundations (e.g. Packard Foundation, National Fish and wildlife Foundation, and the Strong Foundation). Gwendolyn Gilbert of the US Department of Agriculture provided further details on two programs under the Natural Resources Conservation Service for conservation on private property: the Environmental Quality Improvement Program for agricultural lands, and the wildlife Habitat Incentive Program for non-agricultural areas.

H:/TACBIO

SCOTT



United States Department of the Interior

BUREAU OF RECLAMATION
South-Central California Area Office
2666 N. Grove Industrial Drive
Suite 106
Fresno, California 93727-1551



IN REPLY
REFER TO:

SCC-414
ADM 10.00

FEB 17 1999

RECEIVED

FEB 22 1999

Santa Ynez River Fisheries Consensus Committee
(See Attached List)

CACHUMA O & M BOARD

Subject: Santa Ynez River Consensus/Technical Advisory Committee Meeting -
Cachuma Project

Ladies and Gentlemen:

Enclosed is an agenda for the February 24, 1999 meeting. The meeting has been scheduled for 9:30 a.m. to 12:00 p.m., at the Goleta Sanitary District; the address is listed on the agenda. Also, enclosed are the minutes for the meeting on December 9, 1998.

If you have any questions, please give me a call at (559) 487-5299, or for the hearing impaired (TDD) at (559) 487-5933. Thank you for your cooperation in this effort.

Sincerely,

Sheryl Carter
Contract Repayment Specialist
South-Central California Area Office

Enclosures

DEC 8, 1998 MEETING

AGENDA

Santa Ynez River TAC/Consensus Committee Meeting

Wednesday, February 24, 1999

Location: Goleta Sanitary District (across from Santa Barbara Airport)
1000 Fowler Road
Goleta, CA 93110
(805) 967-4519

Time: 9:30 am. to 12:00 pm.

Proposed Agenda:

1. Welcome
2. Project Biologist Report
3. Discussion of Draft Management Plan
 - Hilton Creek Workgroup
 - Conjunctive Use Workgroup
 - Upper Basin Workgroup
 - Tributaries Workgroup
4. Hilton Creek Project Update
5. Fish Account Releases
6. Other Business
7. Next Meeting

To: Ramona Swenson, Entrix, Jim McNAMARA, BOR

From: Scott Engblom

Re: Minutes from the December 8, 1998 Meeting of the TAC

Project Biologist Report

Water temperatures in the mainstem followed a general seasonal pattern with maximum surface temperatures in summer around 25 C. Temperatures at the bottom of pool habitats were generally 2-3 C cooler than surface temperatures during summer. By mid September, temperatures followed a general cooling trend.

Mainstem dissolved oxygen (DO) measurements noted pre-dawn readings 5.0 mg/L, with the bottom of some pool locations as low as 2.5 mg/L. Feeding steelhead/rainbow trout were observed at the head of pool habitats throughout the morning hours of the summer and fall.

Water temperatures in El Jaro, Lower Salsipuedes and Nojoqui Creeks show a similar pattern compared to mainstem temperatures. Water temperatures in Upper Salsipuedes, San Miguelito, and Hilton Creeks were significantly cooler compared to the mainstem with daily maximums remaining less than 22 C throughout the summer monitoring period.

An additional 24 young-of-the-year steelhead/rainbow trout were removed from drying portions of Hilton Creek during several months following the initial fish rescue. All fish were relocated to the mainstem between the spill basin and long pool.

Mainstem snorkel surveys in early December at the Refugio and Alisal Reaches resulted in the observation of nearly 100 young of the year and 15 juvenile/adults. Several bass and catfish were also observed. No snorkel surveys were conducted in the tributaries due to poor visibility. However, a brief road survey was conducted along portions of Quiota Creek in which approximately 100 young of the year were observed adjacent to the road crossings.

Trapping with fyke nets was conducted within the Santa Ynez Lagoon, and two steelhead/rainbow trout were captured. Several brackish water species were also captured during the three days of trapping. Trapping activities were halted due to some bird mortalities, and seining activities were planned instead.

Fish Management Plan

Jean Baldrige spoke regarding the Fish Management Plan. The working draft of the Management Plan was distributed to the Technical Advisory Committee on November 17, 1998 for comment and review. Technical appendices (Hilton Creek Actions, Action in the Tributaries, Upper Basin Opportunities, Steelhead Genetics) are currently being

worked on by members of the Biological Subcommittee and Department of Fish and Game, Sacramento, and will be included in the next version of the document.

Major elements of the Plan include:

- Hilton Creek permanent watering system and channel extension
- Conjunctive use between the Fish Account and WR 89-18 water releases and possible multiple release points along the mainstem
- Tributary passage barriers and habitat conservation easements in the Salsipuedes and El Jaro Creek drainage
- Trap and truck operations in the upper basin
- Public outreach and education program

Comments on the latest version of the Plan should be received by Jean Baldrige or Ramona Swenson by January 15, 1999. The next draft report will be distributed to the TAC/Consensus Committee sometime in March with public meetings shortly thereafter, and a final plan in June. It was suggested that the public meeting to discuss the Management Plan be coordinated with any public meetings for the CEQA scoping process.

Fish Account Releases

Ramona Swenson spoke regarding Fish Account Releases. Fish account releases were initiated late July 1998 at a rate of 10 cfs. Releases of 10 cfs continued to October 12 when they were ramped down to 7.5 cfs and again ramped down to 5.0 cfs on October 19. There were 2,600-acre feet of water allocated to the fish account in 1998. Flow patterns allowed the Fish Account to be surcharged twice this year. Some water from the Fish Account was reserved to conduct an algae flush this year if is needed. However, it was decided to use the water reserved for the algae flush to continue water releases at 10 cfs through mid-October. The Fish Account will have approximately 68 acre-feet remaining by the years end.

Some issue was raised to the accuracy of the Fish release accounting with the gauges at Bradbury Dam. This issue is currently being looked into by the BOR.

Hilton Creek Project Update

Comments received on the EA for Hilton were incorporated into the document, and the EA was signed on October 21. Construction on the Hilton Creek Pipeline began on November 3, 1998. A hydraulic spill in Hilton Creek of 2 quarts was recorded on November 11, 1998. The site was cleaned up immediately and work was allowed to continue. The stone toe construction was completed on November 19, 1998. A report to NMFS by the BOR regarding the construction activities is due on January 3, 1999. Remaining work on the pipeline and the lower stone toe is a few weeks behind schedule, but is expected to be completed by the end of January 1999.

Status on the Reservoir Surcharge Study

The engineering feasibility of two surcharge levels for use by the Fish Account were evaluated: 1.8-foot (5,400 acre feet) and a 3.0-foot (9,000 acre feet) surcharge to Lake Cachuma using the existing gate construction at Bradbury Dam. The results conclude that with appropriate modifications, the gates are capable of safely handling both surcharge levels. The cost of modifying the gates for the 1.8-foot surcharge is approximately \$28,000 per gate (4 gates) and \$53,000 for the 3.0-foot surcharge. However, this study did not address any potential environmental impacts. The park facilities within Lake Cachuma can successfully handle a 1.8-foot surcharge, however, a 3.0-foot surcharge will inundate several park facilities, including areas in the parks sewage distribution system.

NMFS Consultation Update

The BOR is currently working with NMFS under Section 7 of the Endangered Species Act with respect to many of the elements of the Fish Management Plan downstream of the Dam. The Biological Assessment draft should be available to NMFS for review sometime in January. Actions included in the consultation include: Conjunctive use, habitat conservation, tributary passage issues, and the public education program. The consultation will be for long-term basic operations, not just for 1999. Jim Watkins (USFWS) mentioned the need to discuss consultation for listed species other than steelhead with the USFWS for those actions that were not already covered under the Contract Renewal EIR/S.

Grant Proposals

Two proposals were submitted in early November by COMB for CDFG funding of actions in Hilton Creek. One proposal was for \$200,000 for the purchase of a pump. The current watering system relies on a gravity feed system. The pump would increase the amount of time water is available for the Hilton Creek watering system. The other proposal was for \$50,000 to enhance passage past an impediment in the mid-portion of the creek. An additional proposal for funding an approximate 1,500-foot habitat extension to lower Hilton Creek was not submitted at this time due to design concerns by the resource agencies. Additional data will be collected to improve this proposal for the next round of funding. Other funding sources that are being considered include Agricultural Lands Commission and the Packard Foundation to fund conservation easements, and Cal Trans for road-related passage barriers. It was recommended that grant proposals be circulated to the TAC to solicit comments prior to submittal for funding.

Other Business

Maurice Cardenas (CDFG) and Glen Greenwald raised concerns about perceived communication gaps in the TAC. The situation has improved lately, and we agreed to

deal with this at the Bio Subcommittee Plus level. The technical working groups that will focus on key issues for the Management Plan will be an important forum for incorporating technical input.

Kate Rees recommended meeting with Nancy Crawford about her concerns regarding year-round flows in the Santa Ynez River and its impact to her cattle operations, construction activities at the Dam, increased vegetation and other issues.

IP-748(6/72)

Meeting Attendance Record
U. S. Bureau of Reclamation, Mid-Pacific Region

Date: DEC. 9, 1998

Time: 9:30-12:30

Place: CRETA 2 WD

Subject of Meeting: TAC / CONSENSUS

NAME	ORGANIZATION	#	ADDRESS
<u>Jim W. Amara</u>	<u>USBR</u>	<u>559</u>	<u>487-8262</u> (City/State)
<u>Michael Jackson</u>	<u>USBR</u>	<u>559</u>	<u>487-5116</u> (City/State)
<u>DWAYNE MAXWELL</u>	<u>CDFG</u>	<u>(562)</u>	<u>590-6870</u> (City/State)
<u>Jean Bulbridge</u>	<u>SYRTAC / ENTRX</u>	<u>725</u>	<u>935-1120</u> (City/State)
<u>Birk Billing</u>	<u>ASRB</u>	<u>557</u>	<u>787-7626</u> (City/State)
<u>Kevin Walsh</u>	<u>Goleta Water District</u>	<u>805</u>	<u>984-6761</u> (City/State)
<u>BARRY LONGWELL</u>	<u>USBR - MICO</u>	<u>530</u>	<u>934-7066</u> (City/State)
<u>Larry Berman</u>	<u>U.S. B. R. Resident. Field Eng.</u>	<u>805</u>	<u>686-4435</u> (City/State)
<u>Steve Mack</u>	<u>City of Santa Barbara</u>	<u>815</u>	<u>564-5501</u> (City/State)
<u>JIM WATKINS</u>	<u>U.S. FISH & WILDLIFE SERVICE</u>	<u>(805)</u>	<u>734-8232 EXT. 5-1709</u> (City/State)
<u>Morgan Wehite</u>	<u>CDFG</u>	<u>805</u>	<u>568-1224</u> (City/State)
<u>MIKE HIGGINS</u>	<u>RWGCB</u>	<u>805</u>	<u>542-4049</u> (City/State)
<u>Erik Short</u>	<u>UMFS</u>	<u>562</u>	<u>780-4026</u> (City/State)
<u>Ramona Swenson</u>	<u>consultant to CCRB</u>	<u>925</u>	<u>935-9920</u> (City/State)

IP-748(6/72)

Meeting Attendance Record
U. S. Bureau of Reclamation, Mid-Pacific Region

Name: _____ Time: _____ Place: _____

Subject of Meeting: _____

NAME	ORGANIZATION	ADDRESS
Larry Wise	ENTRIX, INC	(Street) 500 Yangaia Valley Rd, Ste 200 Walnut Creek (City/State) CA 94596 925 935-9920
Charles Hanson	SYRAC / Hanson Environmental	(Street) 132 Coltone Lane (City/State) Walnut Creek, CA 94596 925 935 4601 STEPHEN FRISVOLD 2171 E. FRANCISCO BLVD
Ali Shahroody	SYRTAC / SYRWCD	(City/State) San Rafael, CA 94901 415-457-0701
Shade Barbe	SYRWCD, BSA MBA	(Street) 204 Jo Zano St (City/State) Concord, CA 94626 805-736-310
John Hanson	Syrac BS PRG	(Street) 1532 W. Noyah - 136-1768 (City/State) Kona, HI 96726
Bruce Walvo	SYRWCD Gm mfr	(Street) PO Box 119, SY CA-93960 (City/State) (805) 613-1156
Chip Nollbraudt	CNWD (MWD)	(Street) 200 E. Greenville St (City/State) Santa Barbara, CA (805) 962-2010
ART KIDMAN	CCRB	(Street) 685 Town Center Dr #1400 (City/State) Costa Mesa, CA 92626 (714) 755-5100
GLENW M. GREENWALD	USFWS	(Street) 2493 Portola Road, Suite B (City/State) Ventura, CA 93003 (805) 644-1761
PAULA J. LANDIS	USBR	(Street) 2666 N Lincoln INDUSTRIAL DRIVE (City/State) Fresno, CA 93722
Kate Rees	CCRB / COINB	(Street) 3301 ALICE CANYON RD (City/State) SANTA BARBARA, CA 93105 (805) 89-1391
Carol Carter	USBR	(Street) 2666 N. GROVE INDUSTRIAL DR. #1106 (City/State) Fresno, CA 93722 (805) 3707
		(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____

IP-748(6/72)

Meeting Attendance Record
U. S. Bureau of Reclamation, Mid-Pacific Region

Date: Dec. 9 - 1998

Time: 9:30 - 12:30

Place: COLLETA SWD

Subject of Meeting: TAC / CONSENSUS MTO

NAME	ORGANIZATION	ADDRESS
SCOTT B. ENGBLOM	TAC PROJECT FISHERY BIOLOGIST	<u>#</u> (Street) <u>805 - 687 - 4011</u> (City/State) _____
JIM WATKINS	US FISH & WILDLIFE SERVICE	(Street) _____ (City/State) <u>(805) 734-8232 EXT. 5-1709</u> (Street) <u>2315 Alhambra St. Ste 208, J.S. 84</u> (City/State) <u>San Ramon CA 94583-1434 (FAX)</u>
Robert Alva	S.W. Co-Water Agency	(Street) <u>21 E. CALIBRILLO ST. SB CA</u> (City/State) <u>SIS CA</u>
STEVEN A. AMERIKAMER	SYKWCD ID #1	(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____
		(Street) _____ (City/State) _____

SANTA YNEZ RIVER COMBINED TAC/CONSENSUS COMMITTEE

Jan Abel
Montecito Water District
1103 Camino Viejo
Santa Barbara CA 93108

Robert Almy
Santa Barbara County Water
Agency
123 East Anapamu Street
Santa Barbara CA 93101

Steven Amerikaner
Hatch & Parent
(SYRWCD, ID #1)
PO Drawer 720
Santa Barbara CA 93102

Robert Baiocchi
California Sportfishing
Protection Alliance
Box 357
Quincy CA 95971

Jean Baldrige
ENTRIX, Inc.
590 Ygnacio Valley Road
Suite 200
Walnut Creek CA 94596

Cameron Benson
Environmental Defense Center
906 Garden Street, Suite 2
Santa Barbara CA 93117

Jennifer Biggs
Santa Barbara County
Parks Department
610 Mission Canyon Road
Santa Barbara CA 93105

Bill Brennan
Central Coast Water
Authority
255 Industrial Way
Buellton CA 93427

Harlan Burchardi
Santa Ynez River Water
Conservation District ID #1
PO Box 157
Santa Ynez CA 93460

J. Andrew Caldwell
Coalition, Labor, Ag & Bus.
2820 W. Betteravia Road
Santa Maria, CA 93455

Jim Canaday

State of California
Water Resources Control
Board
Division of Water Rights
901 "P" Street
PO BOX 2000
Sacramento CA 95812-2000

Mark Capelli
California Coastal
Commission
89 South California Street
Ventura CA 93003

Giovanni Cargasacchi
Cargasacchi Ranch
P.O. Box 188
Lompoc, CA 93438

Maurice Cardenas
California Department of
Fish and Game
530 East Montecito Street,
Room 104
Santa Barbara CA 93103

Andrea Chamberlain
Rancho San Fernando Rey
112 East De La Guerra St. #4
Santa Barbara CA 93101

Sara Chubb
Los Padres National Forest
6144 Calle Real
Goleta CA 93117

Frederick Clough
Reicker, Clough, Pfau, & Pyle
142 State St. Suite B
Santa Barbara CA 93101

Ernest Conant
Young, Woolridge, Paulden,
Self, Farr & Conant
1800 30th Street, Fourth
Floor
Bakersfield CA 93301

Judith Cosden
Big Bend Ranch
4161 Cresta Drive
Santa Barbara, CA 93110

Nancy Crawford
San Lucas Ranch
PO Box 338

Santa Ynez CA 93460

Chris Dahlstrom
Santa Ynez River Water
Conservation District,
Improvement District #1
PO Box 157
Santa Ynez CA 93101

Scott Engblom
Cachuma Operation &
Maintenance Board
3301 Laurel Canyon Road
Santa Barbara CA 93106-2017

Nick DiCroce
California Trout
1988 Old Mission Dr. B1-717
Solvang CA 93463

Chuck Evans
Montecito Water District
PO Box 5037
Montecito CA 93105

Larry Fausett
Santa Barbara County
Flood Control District
123 East Anapamu Street
Santa Barbara CA 93101

Tom Fayram
Santa Barbara County Water
Agency
123 East Anapamu Street
Santa Barbara CA 93101

Craig Fusaro
California Trout, Inc.
121 Gray Avenue, Suite 205A
Santa Barbara CA 93101

Gwendolyn S. Gilbert
USDA Natural Resources
Conservation Service
920 East Stowell Road
Santa Maria CA 93454

Bill Giorgi
RR1, Box 4
Gaviota CA 93117

Jack Gipsman
Office of General Counsel
US Department of Agriculture

33 New Montgomery Street
San Francisco CA 95812-2000

Glenn Greenwald
Ventura Field Office
US Fish and Wildlife Service
2493 Portola Road, Suite B
Ventura CA 93003

Charles Hamilton
Carpinteria Valley Water
District
PO Box 578
Carpinteria CA 93013

Chuck Hanson
Hanson Environmental
132 Cottage Lane
Walnut Creek CA 94569

Michael Higgins
Regional Water Quality
Control Board
81 Higuera Street, Suite 200
San Luis Obispo CA 93401

Bob Isaacson
Deming Isaacson
5102 San Julian Road
Lompoc, CA 93436

Palmer Jackson
Alisal Ranch
2300 East Valley Road
Santa Barbara CA 93108

Bruce Jones
US Bureau of Reclamation
#3 Cachuma Village
Santa Barbara CA 93105

Steve Jorden
c/o Mr. Paul Minasian
Box 1679
Oroville CA 95965-1679

Gary Keefe
City of Lompoc
PO Box 8001
Lompoc CA 93438-8001

Arthur Kidman
McCormick, Kidman & Behrens
695 Town Center Drive,
Suite 1400
Costa Mesa CA 92626

Arthur Kvass
Santa Barbara County
Fish & Game

933 Roble Lane
Santa Barbara CA 93103

James Lecky, Chief
Endangered Species Division
National Marine Fisheries
Service
501 West Ocean Boulevard,
Suite 4200
Long Beach CA 90802-4213

Andrew Lee
Santa Barbara Fly Fishers
187 S. Patterson Avenue #E
Santa Barbara CA 93111

Steve Mack
City of Santa Barbara
PO Box 1990
Santa Barbara CA 93102

John Markon
Santa Ynez River
Water Conservation District
1532 W. North Street
Lompoc, CA 93436

Dwayne Maxwell
Department of Fish and Game
330 Golden Shore, Suite 50
Long Beach CA 90802

Dennis McEwan
State of California
Department of Fish and Game
PO Box 944209
Sacramento CA 94244-2090

Hossein Moazami
City of Lompoc
100 Civic Center Plaza
Lompoc CA 93438

Don Mooney
De Cuir & Somach
400 Capitol Mall, Suite 1900
Sacramento CA 95814

Landon Newstadt
Santa Barbara SEA
242 La Pita Place
Buellton CA 93427

Diane Noda
Ventura Field Office
US Fish and Wildlife Service
2493 Portola Road, Suite B
Ventura CA 93003

Joshua Odell
Rancho San Marcos

112 East De La Guerra St. #8
Santa Barbara CA 93101

Thomas R. Payne
Thomas R. Payne & Associates
PO Box 4678
Arcata CA 95521

Bob Pike
City of Santa Barbara
PO Box 1990
Santa Barbara CA 93101

Jim Poett
Rancho San Julian
Star Route
Lompoc, CA 93431

Stanley R. Radom
Santa Barbara County
Fish & Game
2340 Janin Way
Solvang CA 93463

Kate Rees
Cachuma Operation &
Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

Ron Rempel
California Department of
Fish and Game
330 Golden Shore, Suite 50
Long Beach CA 90802

Rob Robinson
Rancho San Marcos
Golf Course
1104 East De La Guerra
Santa Barbara CA 93101

Kir Romaine
Cross Creek Ranch
3635 San Julian Road
Lompoc, CA 93436

Russell Ruiz
Hill & Sanford
(Goleta Water District)
800 Presidio Avenue
Santa Barbara CA 93101

Greg Sanders
Ventura Field Office
US Fish and Wildlife Service
2493 Portola Road, Suite B
Ventura CA 93003

Dee Schmidt
Rancho Sierra Grande
300 South Refugio Road
Santa Ynez CA 93460

Dave Serge
City of Solvang

PO Box 107
Solvang CA 93464

Ali Shahroody
Stetson Engineers
2171 East Francisco
Boulevard, Suite K
San Rafael CA 94901

Greg Shott
National Marine Fisheries
Service
501 West Ocean Boulevard,
Suite 4200
Long Beach CA 90802-4213

Scott Slater
Hatch & Parent
PO Drawer 720
Santa Barbara CA 93102

Bill Snider
California Department of
Fish & Game
Environ. Services Division
1416 9th Street, Room 1236-8
Sacramento CA 95814

Bob Stackhouse
US Bureau of Reclamation
2800 Cottage Way
Sacramento CA 95825

Theresa Stevens
US Army Corps of Engineers
Ventura Field Office
2151 Alessandro Drive, #255
Ventura CA 93001

Ramona Swenson
ENTRIX, Inc.
590 Ygnacio Valley Road,
Suite 200
Walnut Creek CA 94596

Neal Taylor
Cachuma Lake County Park
HC 58 Paradise Road
Santa Barbara CA 93105

Brian Trautwein
Environmental Defense Center
906 Garden Street, Suite 2
Santa Barbara CA 93117

Bruce A. Wales
Santa Ynez River Water
Conservation District
P O Box 719

Santa Ynez CA 93460

Michelle and Wally Wallentin
Big Bend Ranch
3151 San Julian Road
Lompoc, CA 93436

Kevin Walsh
Goleta Water District
4699 Hollister Avenue
Goleta CA 93110-1999

John Wiester
7820 Santa Rosa Road
Buellton CA 93427

Robert Wignot
Cachuma Operation &
Maintenance Board
3301 Laurel Canyon Road
Santa Barbara CA 93105-2017

Greg Wilkinson
Best, Best & Krieiger
(SYRWCD, ID #1)
3750 University Avenue, #400
Mission Square
Riverside CA 92502

John Williams
875 Linden Lane
Davis CA 92616

Larry Wilson
Montecito Water District
PO Box 5037
Montecito CA 93150

Chip Wullbrandt
Price, Postel & Parma
(Montecito Water District)
200 East Carrillo Street
Santa Barbara CA 93101