

MEMBER UNITS EXHIBIT NUMBER 28

Santa Ynez River Technical Advisory Committee
Meeting Agenda - Goleta Sanitary District
January 31, 1996

- 1) Action items from November 8, 1995 meeting
- 2) River update: flow/conditions
- 3) Discussion of Hilton Creek siphon White Paper
- 4) Bradbury Dam seismic safety modification update/Spilling Basin water elevation
- 5) Long-term study plan update
- 6) Property boundary update
- 7) Budget update
- 8) Next meeting date

To: Santa Ynez River Technical Advisory Committee
From: Scott Engblom, Project Biologist
Re: Minutes from the January 31, 1996 meeting of the
Technical Advisory Committee

A meeting of the Santa Ynez River Technical Advisory Committee was held on January 31, 1996 at 0930 at the Goleta Sanitary District. An agenda, a list of attendees, and the meeting minutes are provided.

Handouts Distributed

- 1996 Memorandum of Understanding (MOU), dated 2/1/96
- Summary of changes to Draft Fisheries MOU, dated 1/31/96
- Methods to decrease water level in spill basin
- Santa Ynez River long term study plan, dated 1/30/96

Action Items from last TAC meeting

- 1) Tom Keegan distributed a copy of the feasibility paper to all TAC members for the pump-siphon in Hilton Creek.
- 2) Rob Almy update of USGS stream gauge at HWY 154 - The gauge at HWY 154 is not yet operational. Rob did not know when the gauge would become operational. He will further investigate.
- 3) Carl Dealy update of property boundary - Carl sent a letter to Steve Mack from the Bureau of Reclamation (BOR) suggesting the TAC proceed with the surveying of BOR property boundary in both the Hilton Creek and Long Pool area. Kate Rees explained that the survey cost would be approximately \$1,000/day and that the survey should take between two to three days if all old monuments markers are still in place. If a new map of the property boundary needs to be drawn, then the total survey cost could be an additional \$500-1,000/day. The TAC suggested that markers need to be established on both sides of the river clearly delineating the boundary between BOR and the Crawford Property.

River Update/Flow Conditions

Even with the release decrease from 5 cfs to 3 cfs in November from Bradbury Dam, the flow in the main stem Santa Ynez River has slowly increased to between 5-6 cfs at three monitoring locations (river mile 4.5, 9, and 30). At river mile 30, flows are slightly higher than further upstream. No appreciable increase in the tributaries has been observed. Lower Hilton Creek is still dry. No downstream migrating fish have been captured in the main stem or Salsipuedes Creek as of 1/31/96.

Downstream migrant traps were deployed in the main stem across from the Alisal Golf Course and in Salsipuedes Creek 75 yards upstream from the old Santa Rosa Road Bridge. The traps were deployed on January 4 and 5.

The lagoon breached naturally on January 29, 1996. Upstream migrant

traps will be deployed on both Salsipuedes and the main stem during the week of February 5, 1996.

Monthly snorkel surveys are continuing in the main stem. No downstream disbursement has been observed in the surveyed habitat units. However, juvenile RBT/STL have been observed in habitat units adjacent to survey locations where during the hot summer months no RBT/STL were observed.

Largemouth bass populations are doing well throughout the river. We have noticed a decrease in the numbers of bass, but that is probably the result of attrition through predation. Stickleback and arroyo chub populations are also doing well.

The lagoon water quality has been measured monthly at three locations in addition to the two thermograph deployed. During the week of February 5, the lagoon water quality will be measured again to gather data after a lagoon breach.

Discussion of Hilton Creek Siphon White Paper

Tom Keegan drafted a paper of issues and initial biological feasibility regarding a Hilton Creek Siphon on BOR property. This is a project put forth on the TAC level to see if the feasibility warrants TAC approval for the Consensus Committee to look into. From a biological stand point the project is feasible. The White Paper concludes that young of the year RBT/STL inhabiting Hilton Creek would have a greater length of time to grow which would substantially increase their chance for survival in the main stem and ocean.

In addition, the Project may require permits and environmental review before work could proceed. A number of issues still remain that need to be investigated before a pump/siphon could be installed. The Biological Subcommittee will further discuss fishery issues at the February 15, 1996 meeting. Carl Dealy will research conceptual engineering and feasibility and attempt to respond to Tom Keegan before the February 15 meeting of the Biological Subcommittee.

Seismic Safety Update/Spill Basin Elevation

Spill Basin Elevation - The USBR Safety of Dam program is concerned that any rise in spill basin elevation from dam releases could create enough hydrostatic pressure to increase the water depth in the de-watering wells. Several methods were discussed on how to decrease the water level of the spill basin. The first and least cost method would be to remove cobbles and boulders at the tail-out of the spill basin (primary channel) which would decrease the head and lower the basin elevation several inches. This work could be accomplished by hand. No negative affects are expected to the live stream section between the basin and long pool.

The second method would be to clear the heavily overgrown secondary channel on the right side of the basin to help the primary channel drain flows greater than 100 cfs. This work would require the use of a bull dozer or back hoe.

Seismic Safety - The de-watering wells have been effective enough to allow the reservoir to fill to its maximum elevation of 750.0 feet. Current reservoir water elevation is 726.0 feet. A draft Environmental Assessment (EA) for the long term fix of Bradbury Dam was distributed for comment. The final EA will be distributed for comment during the first week of February.

Long Term Study Plan

The January 30, 1996 long term study plan as distributed incorporates comments from the November 8 TAC Meeting, the December 6 Consensus Committee Meeting, and the January 18 Biological Subcommittee Meeting. The following changes were made to the current version: Jobs 7&8 were added which address coordination with other activities on the river and annual reporting and review, Job 4 was amended to include dissolved oxygen monitoring in addition to temperature monitoring and modeling, and the study element schedule was updated. Revisions requested by Art Kidman via 1/25/96 fax will be discussed by the Biology Subcommittee.

MOU Budget Update

A preliminary budget for 1996 office and field activities was drafted by Steve Mack and distributed to TAC members. The budget covers the scope of work outlined in the earlier version long term plan. A new project budget will be drafted to include jobs 7 & 8. Approximately \$60,000 is remaining in the 1995 budget.

Tom Keegan received an updated price for processing genetic samples from Jennifer Nielson. It will cost \$3,024 (\$50/sample), and three months to process the existing 60 tissue samples. A written analysis is included in the cost. There are an additional 20 samples waiting final word before they are sent to Ms. Nielson.

Property Access

A short discussion was held concerning access to Crawford Property. A meeting was held after the TAC meeting between the Crawfords and members of the Consensus Committee (Art Kidman) and Biological Subcommittee (Tom Keegan). Art Kidman will give an update regarding the outcome of that meeting at the Consensus Committee Meeting tomorrow.

Next Meeting

The next meeting of the Santa Ynez River Technical Advisory Committee will be held on March 13, 1996 at the Goleta Sanitary District conference room at 0930.

Santa Ynez River Technical Advisory Committee
Meeting Agenda - Goleta Sanitary District
March 13, 1996

- 1) Action items from January 31, 1996 meeting
- 2) River update: need for monthly update
- 3) Hilton Creek siphon
- 4) Bradbury Dam seismic safety modification update/Spilling Basin water elevation
- 5) Long-term study plan update
- 6) MOU update
- 7) Property boundary update
- 8) Next meeting date

To: Santa Ynez River Technical Advisory Committee

From: Scott Engblom
May 3, 1996

Re: Minutes from the March 13, 1996 meeting of the Technical Advisory Committee

A meeting of the Santa Ynez River Technical Advisory Committee was held on March 13, 1996 at 0930 at the Goleta Water District. An agenda, a list of attendees, the meeting minutes, and an agenda for the May 14, 1996 meeting are provided.

Action Item

- Short term seismic work has been completed at Bradbury Dam
- Art Kidman is still working on access issues with the Crawfords' for fish studies. The Biological Subcommittee needs to finalize the date, time, number of people needed to complete the surveys. First access probable sometime in April.

River Update: need for monthly update

A short one page document was requested by the TAC detailing monthly activities and observations by the project. The document will be sent to TAC members on a monthly basis. Included in the document will be: flows, temperatures, dissolved oxygen, trap information, and general observations on river conditions.

Monthly surveys are continuing in the Santa Ynez River. No snorkel surveys have been conducted due to poor water clarity. Upstream and downstream migrant traps have been deployed in the mainstem and Salsipuedes Creek. Materials for traps are in position at Hilton and Nojoqui Creeks in case storms create runoff. Two upmigrating adult rainbow trout/steelhead have been captured in the Salsipuedes trap. Three adult Pacific Lamprey have been captured in the mainstem downstream trap.

Hilton Creek pump/siphon

Tom Keegan received no comments back from TAC members regarding the Hilton Creek white paper. However, the comment period remains open. If there are any additional comments, please fax them to Tom Keegan. Carl Dealy (BOR) is checking the engineering feasibility, but several questions remain:

- Reservoir location where pumping will occur?
- What depth will pumping occur?
- Are water temperature prohibitive?
- Seasonality when pumping will be required?

Carl Dealy will draft a memo on the BOR preferred siphon route. Tom Keegan will produce a second draft white paper for submittal to a local engineer.

Bradbury Dam seismic safety modifications update/Spilling Basin water elevation

Interim seismic tectonic work has been completed for Bradbury Dam. Discharge from the well field to near the long pool is approximately 1200-1400 gallons per minute

Kate Rees is submitting a application for a streambed alteration agreement to DFG for modifying the tailout of the spill basin to help reduce the hydrostatic pressure in the will field. Modifications would consist of removing some boulders and cobbles in a low impact attempt to reduce the water elevation in the spill basin. Modifications would be completed through use of manual labor and hand tools. No machinery would be used.

Releases for WR 89-18 will probably occur this year. Ali Shahroody will contact the Biological Subcommittee in mid-May to finalize a release schedule that would benefit fishery and water quality studies in the river.

Long term study plan update

A March 4, 1996 version of the long term study plan was approved by the Consensus Committee as Exhibit A of the MOU as distributed under the March 7, 1996 cover letter.

MOU update

The latest version of the 1996 MOU was distributed under the March 7 cover letter with a proposed March 18 start date.

Property boundary update

The surveyor was out working the transect line last Friday. No word has been given concerning property survey results.

Next meeting date

The next meeting of the TAC will be held on May 14, 1996 at 0930 at the Goleta Sanitary District across form the airport.

Santa Ynez River - Technical Advisory Committee
Meeting Agenda - Goleta Sanitary District
May 14, 1996

- 1) Action Items
- 2) Status of MOU
- 3) Status of Annual Report
- 4) River Update
- 5) Status of Written Monthly River Update to TAC
- 6) Hilton Creek Pump/Siphon
- 7) Bradbury Dam Seismic Safety Update
- 8) Property Boundary Update
- 9) Coordination of WR 89-18 Releases
- 10) Vegetation Monitoring Study
- 11) Study Coordinator
- 12) Next Meeting

SANTA YNEZ RIVER TECHNICAL ADVISORY COMMITTEE
MEETING ATTENDANCE LIST - GOLETA WATER DISTRICT
May 14, 1995

NAME	AFFILIATION	PHONE NUMBER
Paul Fardera	FEW - Santa	(916) 654-2578
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Al. Shahrooby	SYRWCD	415-457-0701
Charles Hanson	Hanson Env.	510 937 4606
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Greg Sanders	U.S. Fish and Wildlife	(805) 644-1766
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HOSSEIN MASHAM	CITY OF Lompoc	805-736-1261
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Craig Fusaro	Interested Public	805 963 8819
Steve Mack	City of Santa Barbara	564-5501
Todd Hlong	S.B. Co Water Agency	568-3542

To: Santa Ynez River Technical Advisory Committee
From: Scott Engblom, TAC Project Biologist, May 22, 1996
Re: Minutes from the May 14, 1996 meeting of the Technical
Advisory Committee

A meeting of the Santa Ynez River Technical Advisory Committee was held on May 14, 1996 at 0930 at the Goleta Sanitary District. An agenda, list of attendees, and meeting minutes are provided.

Action Items from March 13, 1996 Meeting

1) Crawford property access: The Biological Subcommittee met on May 13, 1996 to discuss suggestions for numbers of field personnel and times for various river studies. Tom Keegan will finalize the schedule of activities, specific dates, and numbers of field personnel and communicate the information to Art Kidman who is working directly with the Crawfords'. Art Kidman will run the latest proposal past the Crawfords' for final approval.

2) Carl Dealy drafted a March 26, 1996 memo on the Bureau of Reclamations' position regarding the pump/siphon project and the preferred route the pipeline would take. Copies of the memo were distributed at the May 14, 1996 TAC meeting. The memo stated that the BOR would accept the pump/siphon project on a conceptual basis if it did not interfere with daily dam operations, and if there was no continuous pumping required to maintain flow.

Status of MOU

Paul Forsberg indicated that he anticipates the MOU will be signed by the DFG Director in Sacramento sometime during the week of May 20, 1996. The City Council of Lompoc voted to sign the MOU this year. All other MOU participants have signed the document.

Status of Annual Report

The second draft of the 1995 Compilation Report was distributed at the meeting. Comments need to be received by Scott Engblom no later than June 4, 1996.

River Update

Reservoir elevation as of May 13, 1996 is 735.6 feet. Fish releases are currently 3 cubic feet per second. Accounting of Fish Account water began March 30. To date 263 acre feet of Fish Account water has been used to maintain fisheries below Bradbury Dam.

Several areas in the mainstem river between Buellton and the Highway 154 Bridge have already gone dry. The largest dry area is located directly downstream of Highway 154 bridge and extends approximately 1.5 miles downstream.

Monthly habitat mapping is continuing on the mainstem. Snorkel surveys have been postponed over the last few months due to poor water clarity. Water clarity has improved during May and snorkel surveys are anticipated this month.

Redd surveys were conducted in both the mainstem, Salsipuedes, and El Jaro Creeks. A couple of possible redds were identified in the mainstem. An additional six redds were identified in El Jaro and seven were identified in Salsipuedes Creek. All redds were flagged and velocity and redd dimensions were measured.

Lagoon water quality surveys are continuing on a monthly basis. Downstream migrant traps are currently in operation on both the mainstem and Salsipuedes Creek. A total of four downstream smolts and three upstream migrants were captured in Salsipuedes Creek this year.

Status of Monthly River Update

The TAC received the first monthly update (April 1996) as distributed with the March 13, 1996 meeting minutes. Some revisions were suggested which will be incorporated into the May update. Updates will be distributed around the 10th of each month.

Hilton Creek Pump/Siphon

Tom Keegan received no additional comments since the last TAC meeting regarding the Hilton Creek pump/siphon white paper. The Biological Subcommittee determined that the pump/siphon for Hilton Creek is biologically feasible. The next step is to determine if the project is feasible on an engineering basis.

Ali Shahroody has performed some basic engineering analysis and has determined that a siphon may not be possible below lake elevation 738 feet. More project detail is required to get a better picture of siphon feasibility. In order to give Ali a greater degree of project specifications, biologists and interested parties met after the regular TAC meeting to discuss siphon operational parameters. As a result of this meeting, Ali was given the following information:

- The main function of the siphon would be to provide for rearing habitat in Hilton Creek during those years where hydrology has provided for attraction and spawning flows
- The project should be analyzing two discharge elevations into Hilton Creek: one at the BOR/Crawford property line, and one just below the possible passage barrier at the mouth of the unnamed tributary
- Dissolved oxygen no less than 5 mg/L at discharge point into Hilton
- Water temperature no greater than 68 degrees F at discharge point
- Intake depth from raft at least 20 meters below lake surface
- Siphon pipe designed to accommodate flows of 2-4 cfs

Seismic Safety Update

The engineers are nearing the final phase of their work in determining what the final fix for Bradbury Dam will look like. As a result of the engineers findings, the EA was redrafted. Reclamation distributed a draft EA for review at a meeting in Santa Barbara on May 10. A redrafted EA will be distributed to the public on May 24 with a review period extending to June 7. The final EA will be out on June 24.

A total of 650,000-700,000 cubic yards of non-select materials, and 20,000 cubic yards of select material will be required from off project site in order to complete the long term fix of Bradbury Dam.

Property Boundary Update

The property boundary was surveyed on April 12 and was determined to run along already established fence lines. All of the long pool and approximately 150 yards downstream is on BOR property. A great majority of lower Hilton Creek is also on BOR property. The Hilton Creek boundary is roughly 1000-1500 feet upstream of the passage barrier area.

Coordination of WR 89-18 Releases

There is going to be extensive releases to replenish groundwater supplies this year. Releases are likely to begin the end of June or beginning of July and may continue for approximately four months.

The Biological Subcommittee will meet with Ali on June 3 at 900 a.m. to discuss the 1996 WR 89-18 releases with respect to river studies.

Vegetation Monitoring Study

Jones and Stokes was selected to conduct the monitoring study. The start date is May 22. The purpose of the study is to identify the effect of the Cachuma Project operations downstream of Bradbury dam. A report will be provided November 1 explaining the results of the first phase of work. Additional studies may be recommended from phase one.

Study Coordinator

The Biological Subcommittee continues to meet to define duties and responsibilities for a project coordinator, and to develop a list of applicants. The Biological Subcommittee will present the information to the TAC as soon as it is available. The TAC will then present the information to the Consensus Committee for final approval.

Next Meeting

The next meeting of the Santa Ynez River Technical Advisory Committee will be held on July 10, 1996 at the Goleta Sanitary District at 0930.

To: Santa Ynez River Technical Advisory Committee

From: Scott Engblom, September 6, 1996

Re: Minutes from the August 27, 1996 meeting of the Technical Advisory Committee and scheduling of December 12, 1996 TAC meeting

A meeting of the Santa Ynez River Technical Advisory Committee was held on August 27, 1996 at 0930 at the Goleta Sanitary District. A list of attendees and the meeting minutes are provided.

River Study Update

Prior to WR 89-18 releases, much of the SYR was dewatered. Most of the habitat types that did remain were pools that were sampled monthly for snorkel surveys and habitat typing. Diurnal measurements prior to WR 89-18 releases showed near anoxic conditions in some of the pool habitats.

In order to monitor how water temperature increases downstream from Bradbury during the warmest portion of the day, flow and water temperature data continues to be collected with respect to WR 89-18 releases. Several flow measurements were taken downstream when dam releases were 135, 70, and 50 cubic feet per second (cfs). Due to lack of riparian canopy and warm ambient air temperatures, water temperatures increased 7-10 C higher at mile 24 downstream of Bradbury.

Monthly habitat and snorkel surveys are continuing during WR 89-18 releases. Large numbers of all age classes of largemouth bass have been observed. Roughly a dozen juvenile rainbow trout/steelhead have been observed throughout the Alisal, Refugio, and Highway 154 reaches.

A preliminary survey was completed approximately one and a half miles downstream of the Avenue of the Flags in Buellton at the 70 cfs flow release. Several hundred largemouth of all age classes were observed. In addition, one rainbow trout was observed in a large pool.

Habitat typing and snorkel surveys have been performed on Salsipuedes, El Jaro, San Miguelito (brief snorkel only), and Nojoqui Creeks. Juveniles, young of the year (yoy), and small adults have been observed in El Jaro, Salsipuedes, and San Miguelito. Particularly large numbers of yoy were observed in San Miguelito Creek.

Lake Cachuma and lagoon profiles are continuing on a monthly basis. Diurnal surveys are continuing at each flow interval. At the higher releases, morning dissolved oxygen remains above 7.0 mg/l.

WR 89-18

WR 89-18 releases began on July 18, 1996 at 135 cubic feet per second. It took approximately ten days for the water to reach the Narrows. Once water reached the Narrows, the conveyance factor between Bradbury and the Narrows is reduced to approximately two days. The conveyance factor to V Street in Lompoc is approximately two and a half to three days. As of 8/26/96, downstream releases have totaled 6400 acre feet (af). Total flow into the Narrows is estimated at 1500 af.

Ali Shahroody anticipates that once releases are halted sometime near the end of October, approximately 50% of water released from Bradbury will have reached the Narrows account.

Denial of Access for November Long Term Study

The Biology Subcommittee met on July 22, and August 8 to discuss the effect of the Crawford decision to deny access for the MOU long-term study plan. Subcommittee recommendations followed in a August 9, 1996 memo to the TAC and Consensus Committee. Discussion during the August 27, 1996 TAC meeting focused on these recommendations, and the Subcommittee was requested to refine these recommendations for the Consensus Committee meeting later that day. The recommendations were adopted by the Consensus Committee and are described in the minutes.

In general, the recommendations are:

- Obtain the services of Jean Baldrige of Trihey & Associates as Study Coordinator
- Use the November 1 Progress Report to review and evaluate existing information and to identify areas where data gaps do or do not exist, and to make adjustments to the long term study plan if necessary
- Continue ongoing studies through the end of the year

The Report will be an opportunity to allow the TAC and Consensus Committee to review what we have done to date and to contribute to the decision making process by providing input and direction on where/how they think we need to focus our study efforts.

The Project Biologist with the assistance of the Biology Subcommittee will pull together all available data from previous Santa Ynez River studies for use in the November report. Chuck Hanson will manage preparation of the report.

Property access questions still remain. Nancy Crawford feels that information collected on their property during the 1993/94 EIS/R is sufficient. She also feels that the recent property boundary survey showed there is a sufficient portion of the mainstem and Hilton Creek located on Bureau of Reclamation land and that access to her property is not necessary.

Nancy Crawford may be interested in attending any Biological Subcommittee and/or the TAC meetings to discuss the work itself, with no guarantees that she would grant access. Her main concern is not being well enough informed concerning the fisheries studies themselves.

Study Coordinator

Jean Baldrige has assumed Tom Keegan's responsibilities on the Biology Subcommittee, and the role of Study Coordinator. She will be assisted by Ramona Swenson.

Next Meeting

A joint TAC/Consensus committee is scheduled for December 12, 1996. The TAC meeting will be held at the Goleta Sanitary District at 0930. The Consensus Committee meeting will begin at 1330 at the same location.

To: Santa Ynez River Technical Advisory Committee
From: Scott Engblom, Project Biologist
Re: Minutes from the December 12, 1996 Meeting of the
Technical Advisory Committee

Project Biologist Report

The recent storm caused runoff in a number of tributaries. Trap deployment for upstream migrants on Hilton and Nojoqui Creeks occurred on December 11, 1996. The Salsipuedes Creek trap will be deployed on December 12, and the mainstem trap should be installed later this week.

In late August, early September, habitat typing work to reclassify the meso habitats (pool, riffle, run) was conducted on the mainstem from Buellton upstream to a mile below the Highway 154 bridge, the Wiester reach (0.5 miles downstream from Buellton), and the Cargasachi reach. In addition, similar work was done on Salsipuedes and El Jaro Creeks. Habitat units were randomly picked from the reclassification for monthly snorkel surveys.

Future activities include upstream and downstream migrant trapping, as well as redd and spawning surveys.

Bradbury Dam Seismic Repairs

Borrow areas have been cleared of vegetation and the borrow material is being stockpiled directly downstream of the dam. By the end of December the goal is to have 440,000 cubic yards stockpiled. The contractor has a submittal in for the replacement of the CCWA portion of the pipe that is scheduled to be replaced sometime in February (weather permitting). The dewatering of the spill basin will occur prior to the pipe replacement, probably late February early March. A coffer(?) dam is to be placed at the tailout of the spill basin to prevent backflow of water into the basin as it is dewatered. The basin will be dewatered for an unknown amount of time.

Carl Dealy is incorporating comments into the fish recovery plan for the dewatering of the Spill Basin.

Action Item: fish tagging study when basin is dewatered?? Phone conference regarding this with bio sub

Approximately \$500,000 has been set aside for mitigation of fish and vegetation during excavation and dewatering. One of the provisions includes the permanent/semi permanent seasonal watering of Hilton Creek through a gravity fed siphon. Hilton Creek may serve as a holding area for fish while the spill basin is dewatered.

Action Item: Ali S. to send the engineering feasibility paper regarding the Hilton Creek pump/siphon out sometime next week. The estimated cost for the project could be between \$500K-1M.

State Water Connection

Concern has been expressed regarding water temperatures that will be coming in from the State Water pipe-line at Bradbury. A conference call was held between the TAC and the CCWA earlier this week. CCWA is continuing to work on this issue. Rosy Thompson is the CCWA fisheries biologist and she will be looking into the water temperature concerns. She stated that no more than 50% of the water pumped into the river will be State Water. These items are still under discussion.

November Analysis Report

To date, two drafts of the November Report have been distributed to the Biological Subcommittee for comment. The report represents a synthesis and analysis of the data collected from 1993 to June 1996. In addition, the report provides some interpretation on what elements of the long term study plan need to be modified given the information collected to date (i.e., where more or less information needs to be collected).

Department of Fish and Game, Fish and Wildlife Service, and National Marine Fisheries Service disagreed with the wording of two of the potential modifications to the long term study plan which delay a portion of Job 3 (temperature modeling) and Job 4 (IFIM studies). Paul F. and Chuck H. will meet at a later date to discuss the necessary wording in order to reach agreement.

An additional report of alternative management strategies will be prepared as a separate document scheduled to be out in March 1997. The March report will provide guidance as to where additional or less data needs to be collected.

Final comments on the synthesis report will be due to Chuck Hanson on January 15, 1997.

Action Item: The Biological Subcommittee will schedule a conference call to scope out issues related to Job 3&4 in the long term study plan.

Access Issues

The main problem with getting access to private properties is convincing the owners to become involved in a ongoing process that could last three years. The two main areas where access is currently denied is the Crawford Property (downstream of the long pool to just downstream of the HWY 154 bridge), and Palmer Jacksons' Property (Alisal and Quiota Creeks). Kate Rees has had two meetings and several phone calls with Nancy Crawford attempting to lay ground work for fish studies. In addition, a conference call was held between Kate R., Jean B., Ramona S., and Scott E. detailing study locations and scheduling for those activities to be provided to the property owners.

Nancy is out of town until January and any discussions regarding access will have to wait until then. The Crawfords did grant access for the vegetation studies, but not for fish studies.

Palmer Jackson has granted access to the mainstem, but not to Alisal or Quiota Creeks.

Next Meeting

The next meeting of the Santa Ynez River Technical Advisory Committee will be held February 26, 1997 at 0930 at the Goleta Sanitary District.

Santa Ynez River - Technical Advisory Committee
Meeting Agenda - Goleta Sanitary District
December 12, 1996

- 1) Action Items from August 27 TAC Meeting
- 2) Project Biologist Report
- 3) Bradbury Dam Seismic Repairs Status
- 4) State Water Project Connection
- 5) 1996 Analysis Report
- 6) Private Property Access Update
- 7) Additional Agenda Items
- 8) Next Meeting Date

SANTA YNEZ RIVER TECHNICAL ADVISORY COMMITTEE
MEETING ATTENDANCE LIST - GOLETA SANITARY DISTRICT
December 12, 1996

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