

***PLEASE NOTE CHANGE IN MEETING START TIME**

**REGULAR MEETING
OF
CACHUMA OPERATION AND MAINTENANCE BOARD**

**3301 Laurel Canyon Road
Santa Barbara, CA 93105**

Monday, February 28, 2011

2:00 p.m.

AGENDA

- 1. COMB CALL TO ORDER, ROLL CALL** (COMB Board of Directors.)
- 2. PUBLIC COMMENT** (Public may address the Board on any subject matter not on the agenda and within the Board's jurisdiction. See "Notice to the Public" below.)
- 3. CONSENT AGENDA** (For Board action by vote on one motion unless member requests separate consideration.)
 - a. Minutes: January 24, 2011 Regular Board Meeting and January 13, 2011 Special Board Meeting
 - b. Investment of Funds
 - Investment Reports
 - c. Payment of Claims
- 4. RESOLUTIONS RELATING TO COMB BANK ACCOUNTS**
 - a. Resolution No. 519 Authorizing Signatories for General Fund Account at Santa Barbara Bank & Trust
 - b. Resolution No. 520 Authorizing Signatories for the Cachuma Project Trust Fund and Renewal Fund Accounts at Santa Barbara Bank & Trust
- 5. OAK TREE RESTORATION PROGRAMS AT LAKE CACHUMA AND LAURO RESERVOIR - PRESENTATION BY MELINDA FOURNIER**
- 6. REORGANIZATION ISSUES**
 - a. Report on Reorganization Ad Hoc Committee Meeting, February 3, 2011
 - b. Executing Documents to be Prepared
 - c. Revised Timeline to Complete Reorganization
- 7. 2nd PIPELINE PROJECT AND CONSIDERATION OF ALTERNATIVE PROJECTS**
 - a. Permits and NEPA Status Report
 - b. Blois Construction Bid Extension

- c. Report on Evaluation of Replacement Projects for 2nd Pipeline Project
8. **COMB OPERATION AND MAINTENANCE PROGRAM - PRESENTATION BY STAFF**
9. **TABLE-TOP EMERGENCY EXERCISE HELD FEBRUARY 2, 2011**
10. **REPORTS FROM THE MANAGER**
 - a. Cachuma Water Reports
 - b. Operations Report
 - c. Operating Committee Meeting, February 9, 2011 Draft Minutes
 - d. Oak Tree and Honeysuckle Restoration Program for Lauro Retention Basin Enlargement Project – 2010 End of Year Summary
 - e. Fisheries Program Report
 - f. Transmittal of Biological Opinion Compliance Binder to USBR and NMFS
 - g. Quiota Creek Watershed Plan Board Workshop, February 16, 2011
 - h. **Verbal Report - Status of Funding Options for Quiota Creek Fish Passage Projects at Crossings 2 And 7**
 - i. Tri-County Fish Team Meeting, February 3, 2011
 - j. Propositions 50 and 84 Process Update
 - k. Quagga Mussel Inspection Report – County of Santa Barbara
 - l. Cachuma Reservoir Current Conditions
11. **DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING**
12. **MEETING SCHEDULE**
 - COMB Board Meeting, March 28, 2011 2:00 P.M., COMB Office
 - Administration Committee Meeting, March 10, 2011 at 1:00 p.m.
 - Lauro Reservoir Early Warning System Public Meeting, March 16, 2011 at 7:00 p.m., COMB office
 - Board Packages Available on COMB Website
www.cachuma-board.org
13. **COMB ADJOURNMENT**

NOTICE TO PUBLIC

Public Comment: Any member of the public may address the Board on any subject within the jurisdiction of the Board that is not scheduled for a public hearing before the Board. The total time for this item will be limited by the President of the Board. If you wish to address the Board under this item, please complete and deliver to the Secretary of the Board before the meeting is convened, a "Request to Speak" forms including a description of the subject you wish to address.

Americans with Disabilities Act: In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

[This Agenda was Posted at 3301 Laurel Canyon Road, Santa Barbara, CA
at Santa Barbara City Hall, Santa Barbara, CA and at Member District Offices and Noticed and Delivered in Accordance with
Section 54954.1 and .2 of the Government Code.]

**MINUTES OF A REGULAR MEETING
Of the
CACHUMA OPERATION & MAINTENANCE BOARD
Held at the**

Cachuma Operation & Maintenance Board Office
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, January 24, 2011

1. Call to Order, Roll Call

The meeting was called to order at 3:17 p.m. by President Lauren Hanson who chaired the meeting. Those in attendance were:

Directors present:

Lauren Hanson	Goleta Water District
Bob Lieberknecht	Carpinteria Valley Water District
Doug Morgan	Montecito Water District
Dale Francisco	City of Santa Barbara
Dennis Beebe	SYR Water Conservation District, ID No. 1

Others present:

Kate Rees	William Hair
Jim Colton	Gary Kvistad
Chris Dahlstrom	John McInnes
Sonja Fernandez	Tom Mosby
Ruth Snodgrass	Janet Gingras
Jim Blois	Tony Trembley
Phil Walker	Charles Hamilton
Tim Robinson	Rebecca Bjork
Harlan Burchardi	David Ault
Adelle Capponi	Bruce Wales

2. Public Comment

Phil Walker thanked the Board for addressing his safety concerns at Lauro Reservoir by COMB participating in the Table Top Emergency Exercise and holding the Lauro Reservoir Early Warning System Public Meeting.

3. Consent Agenda

- a. **Minutes:**
December 20, 2010 Regular Board Meeting

- b. **Investment Funds**
Financial Reports
Investment Report

- c. **Payment of Claims**

Director Morgan moved to approve the consent agenda as presented, seconded by Director Francisco, passed 7/0/0.

4. Consider Approval of Resolution No. 518 to Change Board Meeting Time

Ms. Rees reported that the CCRB Board had passed Resolution 11-1 changing the start time of the CCRB Regular Board meeting to begin after the COMB Regular Board meeting and recommended that the COMB Board approve changing the COMB Board meeting time to start at 2:00 p.m.

Director Morgan moved to approve Resolution No. 518 changing the meeting time for COMB Regular Board meetings to 2:00 p.m. on the fourth Monday of each month, effective February 28, 2011, seconded by Director Francisco. A roll call vote was taken, passed 7/0/0.

5. Committee Organization

a. Consider Reorganization of Standing Committees

In order to consolidate COMB's activities more efficiently staff recommended that the standing Board committees be reorganized and renamed as listed below and as described in the board packet:

- Operations Committee
- Administration Committee
- Public Outreach Committee
- Fisheries Program Committee

Director Francisco moved to approve the reorganized committees as presented in the board packet, seconded by Director Lieberknecht, passed 7/0/0.

b. Standing Committee Appointments

Due to recent changes in the Board of Directors there were several vacancies on the standing Board committees. President Hanson appointed the following Directors to the reorganized committees:

**COMB COMMITTEE APPOINTMENTS
 FY 2010-2011
1/24/2011 Appointments**

COMMITTEE NAME	COMMITTEE MEMBER	COMMITTEE MEMBER	ALTERNATE MEMBER
Operations (O&M, CIP)	Chair Bob Lieberknecht	Dale Francisco	Lauren Hanson
Administration (Finance, Personnel, Legal)	Chair Lauren Hanson	Doug Morgan	Bob Lieberknecht
Public Outreach	Chair Bob Lieberknecht	Doug Morgan	Dennis Beebe
Fisheries Program	Chair Lauren Hanson	Dennis Beebe	Dale Francisco

c. Reorganization Ad Hoc Committee Appointments

President Hanson appointed herself and Director Beebe to be added to the Reorganization Ad Hoc Committee with the General Managers.

6. Appointment of New General Counsel

Ms. Rees reported that Bill Hair had provided notification to the COMB Board of his intention to retire as COMB's General Counsel effective February 1, 2011. Tony Trembley, a partner in Mr. Hair's firm has occasionally assisted Mr. Hair with some of COMB's legal needs. Mr. Trembley also has a great deal of experience in Biological Opinion work, and is well qualified to take over as General Counsel for COMB. Therefore, staff recommended that the Board approve retaining Mr. Trembley's services.

Director Lieberknecht moved to approve retaining the services of Anthony Trembley, Nordman, Cormany, Hair, & Compton, as COMB's General Counsel effective February 1, 2011, seconded by Director Morgan, passed 7/0/0.

7. Certificate of Appreciation on the Retirement of William Hair, ESQ. As COMB's General Counsel

President Hanson presented a Certificate of Appreciation to Mr. Hair for his ten years of service to COMB. President Hanson also presented to Mr. Hair a Certificate of Appreciation from Assemblymember Das Williams, former COMB Board President. She expressed the Board's appreciation for his ten years of dedication to COMB.

8. Quiota Creek Fish Passage Projects

a. Schedule Meeting Date for Quiota Creek Watershed Plan Board Workshop

Proposed dates for the workshop were included in the board packet, the Directors are to contact Ms. Rees with their availability so that it can be scheduled.

Tim Robinson reported that COMB had been awarded two grants from the California Department of Fish and Game (CDFG) in the amounts of \$735,501 to fully fund the Quiota Creek Crossing 2 Project, and \$442,736 for the first half of the funding needed for the Quiota Creek Crossing 7 Project. A grant is pending for a NOAA Open Rivers Initiative Grant for the second half of the funding for Crossing 7. The grant agreements require that the COMB Board approve resolutions accepting the terms and conditions of the contracts. Staff recommended that the Board approve Resolutions 516 and 517 to enter into two grant agreements with CDFG for construction of the fish passage enhancement projects at Crossings 2 and 7. The construction of these projects is currently scheduled to begin in the fall 2011. Any budgeted funds needed will be included in the FY 2011/2012 budget.

b. Consider Approval of Resolution No. 516 to Enter into California Department of Fish and Game Grant Agreement for Quiota Creek Crossing No. 2 Fish Passage Project

Director Beebe moved to approve Resolution No. 516 to enter into a grant agreement with CDFG for construction of the fish passage enhancement project at Crossing No. 2, seconded by Director Morgan. A roll call vote was taken, passed 7/0/0.

c. Consider Approval of Resolution No. 517 to Enter into California Department of Fish and Game Grant Agreement for Quiota Creek Crossing No. 7 Fish Passage Project

Director Beebe moved to approve Resolution No. 517 to enter into a grant agreement with CDFG for construction of the fish passage enhancement project at Crossing No. 7, seconded by Director Francisco. A roll call vote was taken, passed 7/0/0.

d. Status of Crossing No. 0

Mr. Robinson reported on the recent barrier discovered on Quiota Creek at the confluence of the Santa Ynez River, Crossing 0. He reported that he has been attempting to meet with the landowners to develop a solution for removing this barrier.

9. 2nd Pipeline Project

a. CVWD's Position Regarding Participation in Funding of 2nd Pipeline Project

President Hanson reported that COMB had received a response from CVWD confirming that they declined to participate in funding the South Coast Conduit Upper Reach Reliability Project. Their letter also included some suggestions for COMB to consider.

b. Consider Options to Keep Project Moving Forward

Ms. Rees highlighted the options for the 2nd Pipeline Project. She indicated that a definitive answer was needed from GWD, the City of Santa Barbara and MWD regarding their approval of the 2nd Pipeline Project without CVWD's participation. If they agree to fund the project, the Board may request Mr. Blois to extend his bid for another 60 days. If these three MU's do not agree to fund the project, the Board should reject all bids. CVWD had requested that a cost of services/cost benefit analysis be performed for the 2nd Pipeline Project only. However the remaining MU's felt that a comprehensive cost of services/cost benefit analysis of the entire SCC system should be completed rather than focusing on just this one project.

After discussion the Board deferred consideration of the 2nd Pipeline Project to the Administration Committee which will meet with staff to discuss the financial aspects of going forward with the project versus the issues involved with delaying the project and considering a cost benefit study.

c. No Project Scenarios

Ms. Rees recommended that if the project does not go forward, she would recommend budgeting in FY 2011-12 money to replace the south portal structure, and replace or rehabilitate deteriorated structures and appurtenances on the SCC in the uppermost reach of the SCC above Corona Del Mar Water Treatment Plant. Other vulnerable sections of the SCC should also have emergency repair/rehabilitation plans developed.

d. Consider Fourth Extension of Construction Bid from Blois Construction, Inc. or Rejection of all Bids

Jim Blois of Blois Construction, Inc. indicated that he would be able to extend his construction bid for the 2nd Pipeline Project an additional 60 days.

Director Morgan moved to extend the construction bid with Blois Construction, Inc. an additional 60 days, seconded by Director Francisco, 6/0/1, Director Beebe abstained.

e. Project Status Report

The project status report was included in the board packet.

f. Permits and NEPA Status Report

The report on the permits and NEPA status was included in the board packet.

10. Reports From the Manager

a. Cachuma Water Reports

The monthly water reports were included in the board packet.

b. Operations Report

The Operations Report was included in the board packet.

c. Lower Santa Ynez River Fisheries Program Report

The monthly report was included in the board packet.

d. Operating Committee Meeting, January 5, 2011 Draft Minutes

The minutes were included in the board packet.

e. Propositions 50 and 84 Process Update

Ms. Rees included updated information in the board packet.

f. Quagga Mussel Inspection Reports – County of Santa Barbara

The Quagga Mussel Inspection monthly report from the County of Santa Barbara was included in the board packet.

g. Cachuma Reservoir Current Conditions

The Cachuma Reservoir Conditions up to 01/19/2011 were included in the board packet.

11. Directors' Request for Agenda Items for Next Meeting

There were no additional requests.

12. Meeting Schedule

The next regular Board meeting will be held February 28, 2011 at 2:00 P.M.

The Agendas and Board Packets are available on the COMB website,
www.cachuma-board.org

13. COMB Adjournment

There being no further business, the meeting was adjourned at 4:56 p.m.

Respectfully submitted,

Kate Rees, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

Approved _____

Unapproved _____ ✓

**MINUTES OF A SPECIAL MEETING
of the
CACHUMA OPERATION & MAINTENANCE BOARD
held at
3301 Laurel Canyon Road
Santa Barbara, CA
Thursday, January 13, 2011**

1. Call to Order, Roll Call

The meeting was called to order at 2:31 p.m.. by President Lauren Hanson, who chaired the meeting. Those in attendance were:

Directors Present:

Lauren Hanson	Goleta Water District
Dale Francisco	City of Santa Barbara
Doug Morgan	Montecito Water District
Robert Lieberknecht	Carpinteria Valley Water District
Dennis Beebe	SYR Conservation Dist ID#1

Others present

Janet Gingras	Bill Hair
Michael O'Brien	John McInnes
Rebecca Bjork	Gary Kvistad
David Ault	Jim Colton
Adelle Capponi	Tim Robinson
Ruth Snodgrass	Chris Dahlstrom
Glen Hille	Harlan Burchardi
Bruce Wales	

2. Public Comment

There were no comments from the public.

3. [Closed Session] Conference With Legal Counsel Regarding Anticipated Litigation, Pursuant to Government Code Section 54956.9© (one case)

The Board went in to closed session at 2:34 p.m. and came out of closed session at 2:52 p.m.

The report out of closed session was that the Board of Directors adopted the five recommendations made by General Manager Kate Rees to begin to resolve the potential litigation issues with the Mr. and Dr. Brown concerning the overburden on the South Coast Conduit.

4. Proposed FY 2010-11 Budget Adjustment for Legal Costs

Ms. Gingras reported that to date the legal expenses incurred regarding the Brown encroachment have been paid from the General Counsel line item of the budget. Staff requested a budget adjustment of \$20,000 to cover the legal costs expended to date.

Director Francisco moved to approve a FY 2010-11 Budget adjustment in the amount of \$20,000 to pay for legal fees associated with the Brown encroachment, seconded by Director Morgan, passed 6/0/1, Director Beebe abstained.

5. Consider Approval of Professional Services Agreements and Scopes of Work for Santa Ynez River Fisheries Program

President Hanson reported that at the December 20, 2010 meeting, the COMB Board withheld approval of the PSAs for Cardno-Entrix, Northwest Hydraulics, HDR-Fish Pro, and Melinda Fournier, pending review of their Scopes of Work (SOW) for the consultants. The PSA's for Stetson Engineers and Hanson Environmental will be held by the SYR Water Conservation District, ID#1. The SOWs for Stetson and Hanson were developed to support the existing fisheries program and related hydrologic activities in partnership between CCRB and ID#1. They will now support those activities in COMB.

During the Board discussion, several modifications and corrections were suggested to the SOWs so that they would be more closely tailored to COMB's budget, and by removing tasks for which ID#1 will be fully responsible. Staff will make the changes and corrections to the SOWs before finalizing them.

Director Morgan moved to approve the Professional Services Agreements and Scopes of Work for: Cardno-Entrix, Northwest Hydraulics, HDR-Fish Pro, and Melinda Fournier. The Professional Services Agreements for Stetson Engineers, and Hanson Environmental will be held by the SYR Water Conservation District, ID #1 Director Morgan also moved to approve the Scopes of Work for Stetson Engineers and Hanson Environmental, with the understanding that the CCRB President would add to the January 24, 2011 CCRB agenda discussion regarding the 2001 Fish MOU requirements, seconded by Director Lieberknecht, Director Beebe requested that the motion include the modifications to the Scopes of Work as discussed, passed 7/0/0.

6. Meeting Schedule

The next regular Board meeting will be held January 24, 2011 following the CCRB meeting at 2:15 P.M.

7. COMB Adjournment

There being no further business, the meeting was adjourned at 3:46 p.m.

Respectfully submitted,

Kate Rees, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

sec.comb/boardminutes/01.13.2011COMB Minutes.doc

Approved _____

Unapproved _____ ✓

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

www.treasurer.ca.gov/pmia

-laif

February 17,
2011

CACHUMA OPERATION AND MAINTENANCE BOARD

GENERAL MANAGER
3301 LAUREL CANYON ROAD
SANTA BARBARA, CA 93105-2017

PMIA Average Monthly Yields

Transactions

Tran Type Definitions

January 2011 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
1/12/2011	1/12/2011	RW	1300909	KATHLEEN REES	-175,000.00
1/14/2011	1/13/2011	QRD	1301526	SYSTEM	628.21

Account Summary

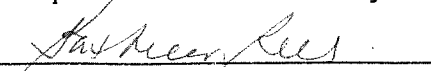
Total Deposit:	628.21	Beginning Balance:	354,959.18
Total Withdrawal:	-175,000.00	Ending Balance:	180,587.39

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Kathleen Rees, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of January, 2010, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all LAIF investments of this agency for the period indicated.


Secretary

ITEM # 3b

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**SANTA BARBARA
BANK & TRUST**

P.O. Box 60839, S.B., CA, 93160-0839

3950
Cachuma Operation & Maintenance Board
Master Contract Renewal Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement

Statement Period: 01/01/2011 to 01/31/2011

Customer Number:

Customer Service Representative
(888) 400-SBBT (400-7228)

BANKLINE-24-HOUR AUTOMATED INFORMATION
(800) 287-SBBT (287-7228)

www.sbbt.com

Our Community. Your Bank.

It is our objective to assist you in selecting products and services that meet your personal and business needs. If you have any questions regarding your account, please feel free to call or visit one of our bankers for assistance.

Business Money Market

Checking Summary

Cachuma Operation & Maintenance Board

Master Contract Renewal Fund

Account Number 102335072

Interest Paid YTD 1.28

Interest Paid Last Year 39.98

Deposit Account Recap

Beginning Balance as of

January 1, 2011 5,014.93 ✓

1 Deposits (Plus) 1.28

Ending Balance as of

January 31, 2011 5,016.21

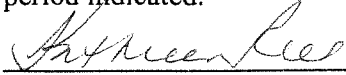
Interest Paid 1.28

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Kathleen Rees, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of January, 2011, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all Santa Barbara Bank & Trust investments of this agency for the period indicated.


Secretary

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**SANTA BARBARA
BANK & TRUST**

P.O. Box 60839, S.B., CA, 93160-0839

3951
Cachuma Operation & Maintenance Board
Cachuma Project Trust Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement

Statement Period: 01/01/2011 to 01/31/2011

Customer Number:

Customer Service Representative
(888) 400-SBBT (400-7228)

BANKLINE-24-HOUR AUTOMATED INFORMATION
(800) 287-SBBT (287-7228)

www.sbbt.com

Our Community. Your Bank.

It is our objective to assist you in selecting products and services that meet your personal and business needs. If you have any questions regarding your account, please feel free to call or visit one of our bankers for assistance.

Public Capital Tiered MMDA

Checking Summary

Cachuma Operation & Maintenance Board

Cachuma Project Trust Fund

Account Number	102335080
Interest Paid YTD	22.12
Interest Paid Last Year	447.50

Deposit Account Recap

Beginning Balance as of		
January 1, 2011		68,675.43 ✓
2 Deposits (Plus)		13,653.12
Ending Balance as of		
January 31, 2011		82,328.55
Interest Paid		22.12

FR 2/14/11

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Kathleen Rees, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of January, 2010, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all Santa Barbara Bank & Trust investments of this agency for the period indicated.

Kathleen Rees
Secretary

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comb2
Payment of Claims
As of January 31, 2011

	Date	Num	Name	Memo	Amount
1050 - GEN FUND	01/03/2011	19554	Business Card	JG-web hosting	-104.65
	01/03/2011	19555	GE Capital	Copier lease Billing ID#90133933786	-499.16
	01/03/2011	19556	MarBorg Industries	Portable toilets	-328.62
	01/03/2011	19557	Nextel Communications	Cellular	-419.41
	01/03/2011	19558	PG&E	NP/Tecolote tunnel	-270.51
	01/03/2011	19559	Praxair Distribution, Inc	Cylinder rental	-45.36
	01/03/2011	19560	Regional Water Quality Control Board	Add'l fee required-Bottomless arched culvert-Quiota Crk	-138.00
	01/03/2011	19561	Santa Barbara Human Resources Assoc	1/11-12/11 Membership	-145.00
	01/03/2011	19562	State Compensation Insurance Fund	Payroll Report Dec 2010	-4,365.29
	01/03/2011	19563	Summers Engineering, Inc.	Watershed Sanitary Survey-2nd progress billing	-8,668.39
	01/03/2011	19564	UPS	Shipping	-19.29
	01/10/2011	19565	ACWA Health Benefits Auth. (HBA)	1/1-2/1/11 coverage	-16,623.13
	01/10/2011	19566	AT&T	Dec statement	-432.58
	01/10/2011	19567	Business Card	KR-calendars/ACWA Conf/meals	-666.55
	01/10/2011	19568	CDW Government, Inc.	Acrobat Pro10 upgrade PO#8989	-139.00
	01/10/2011	19569	City of Santa-Barbara	Refuse/recycle 11/29-12/30/10	-162.70
	01/10/2011	19570	COMB-Petty Cash	Replenish petty cash	-110.00
	01/10/2011	19571	Culligan Water	RO system Jan	-24.95
	01/10/2011	19572	Draganchuk Alarm Systems	Alarm monitoring 1/1-3/31/11	-82.50
	01/10/2011	19573	ECHO Communications	Answering service	-64.04
	01/10/2011	19574	Growing Solutions	Plant care-2nd barrel site	-300.00
	01/10/2011	19575	Home Depot Credit Services	Misc supplies/lumber-trapping supplies	-476.24
	01/10/2011	19576	Lauren W. Hanson	Dec mtg fees	-133.00
	01/10/2011	19577	O'Reilly Automotive, Inc.	Spark plug for water pump	-8.12
	01/10/2011	19578	Paychex, Inc.	12/10,23 payrolls/taxes	-260.81
	01/10/2011	19579	Pitney Bowes Global Financial Services	Postage meter lease 1/10-4/10/11	-446.97
	01/10/2011	19580	Republic Elevator Co.	Scheduled mtce-NP elevator	-266.91
	01/10/2011	19581	Robert R. Lieberknecht	Dec mtg fees	-142.15
	01/10/2011	19582	Sansum Clinic-Occupational Medicine	Pre-employment physical-A.Barilotti	-209.00
	01/10/2011	19583	Southern California Edison	Main ofc/outlying stations	-1,279.65
	01/10/2011	19584	The Wharf	Jackets-crew	-248.87
	01/10/2011	19585	Underground Service Alert of So. Calif.	Dec tickets	-73.50
	01/10/2011	19586	W. Douglas Morgan	Dec mtg fees	-138.00
	01/10/2011	19587	ACWA Health Benefits Authority (HBA)	Jan/Feb EAP	-99.12
	01/10/2011	19588	AECOM USA Inc.	TO#31 Coord mtgs/Eng-Tech support (Brown prop) 10/1-12	-1,988.81
	01/10/2011	19589	Aspen Publishers, Inc.	Ca Employers Guide 2011	-138.60
	01/10/2011	19590	CIO Solutions, LP	ShoreTel support 1/4/11-1/3/12	-1,405.00
	01/10/2011	19591	CIO Solutions, LP	Maintain IT-Jan	-2,437.00
	01/10/2011	19592	County of Santa--Barbara	Green waste	-75.70
	01/10/2011	19593	Cox Communications	Business internet Jan	-195.00
	01/10/2011	19594	Fleet Services	Fuel	-2,168.07
	01/10/2011	19595	GE Capital	Copier lease Billing ID#90136047559	-134.85
	01/10/2011	19596	Joshua Smith	Reimb-Water science class	-78.00
	01/10/2011	19597	SB Home Improvement Center	Sandbags/piping supplies	-120.10
	01/10/2011	19598	Staples Credit Plan	Office Supplies	-371.21
	01/10/2011	19599	Verizon California	Main ofc/outlying stations	-450.34
	01/10/2011	19600	WFCB-OSH Commercial Services	Rebar/stakes/edging/misc tools for trucks/trap materials	-194.56
	01/10/2011	19601	Alliance Environmental Group, Inc.	Job#V-10-055080 Asbestos removal PO#8990	-850.00
	01/13/2011	19602	American Water Works Association	Member Dues 4/1/11-3/31/12	-413.00
	01/13/2011	19603	Big Brand Tire Company	Service-Mgr vehicle	-37.88
	01/13/2011	19604	Buena Tool Co.	Hex bolts	-10.70
	01/13/2011	19605	CIO Solutions, LP	Postini-Jan	-52.50
	01/13/2011	19606	COMB - Revolving Fund	Jan 21, Feb 4 & 18 payroll/taxes	-182,116.71
	01/13/2011	19607	Fed Ex Kinko's, Inc.	Copies-2nd Barrel FEIS/appendices	-3,500.91
	01/13/2011	19608	Hydrex Pest Control Co.	Ant/pest control	-80.00
	01/13/2011	19609	Southern California Edison	Corona-Glen Anne Rd/Glen Anne gate	-46.36
	01/13/2011	19610	Rauch Communication Consultants, LLC	Newsletter-final invoice	-2,388.75
	01/18/2011	19611	Dale Francisco	Dec mtg fees	-132.15
	01/18/2011	19612	Department of Public Health	Grade D2 Dist. Cert. Renewal fee-D.Nageotte #26321	-80.00
	01/18/2011	19613	J&C Services	Office cleaning	-500.00
	01/18/2011	19614	Laser Cartridge Co.	Repair HP 8150	-279.34
	01/18/2011	19615	Melinda L. Fournier	Oak tree/Honeysuckle restoration Dec PO#09-10-08	-4,015.00
	01/18/2011	19616	Nordman, Cormany, Hair & Compton	Gen Counsel-Brown matter Dec services	-1,027.50

comb2
Payment of Claims
As of January 31, 2011

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
01/18/2011	19617	Nordman, Cormany, Hair & Compton	Gen Counsel-Dec services	-3,231.00
01/18/2011	19618	Prudential Overall Supply	Mats	-146.02
01/18/2011	19619	Scott Volan	Reimb-digital camera/SD card	-326.14
01/18/2011	19620	Southern California Edison	Foothill Rd	-30.61
01/18/2011	19621	Southwest Services	Qrtly calibration-venturi flow transmitters	-756.75
01/18/2011	19622	Summers Engineering, Inc.	Watershed Sanitary Survey-3rd progress billing	-3,497.00
01/18/2011	19623	Verizon California	SCADA	-522.34
01/18/2011	19624	Verizon Wireless	Cellular	-131.16
01/18/2011	19625	The MedCenter, Inc.	JS treatment 1/11	-161.00
01/18/2011	19626	Milpas Rental	Chain saw/saw-sander tool	-88.40
01/18/2011	19627	Reserve Account	Postage refill	-400.00
01/18/2011	19628	ACWA Health Benefits Auth. (HBA)	2/1-3/1/11 coverage	-17,315.50
Total 1050 - GENERAL FUND				<u>-269,285.43</u>
TOTAL				<u>-269,285.43</u>

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: February 28, 2011
TO: Members of the Board of Directors
FROM: Kate Rees, General Manager
RE: **Resolutions Relating to COMB Bank Accounts**

RECOMMENDATION:

It is recommended that the Board of Directors pass, approve and adopt Resolutions 519 and 520 as presented.

DISCUSSION:

The COMB Board has had a recent change in its Directors appointed by the City of Santa Barbara and the SYR Water Conservation District ID No. 1. Dale Francisco has replaced Das Williams from the City and Dennis Beebe has replaced Lee Bettencourt from ID No. 1. These resolutions are "housekeeping items" to reflect these new appointments to the COMB Board.

Adoption of the resolutions will add Director Francisco and Director Beebe as signatories on the COMB General Fund Account and on the Renewal Fund and Trust Fund Accounts at Santa Barbara Bank & Trust.

Respectfully submitted,



Kate Rees
General Manager

RESOLUTION NO. 519

A RESOLUTION OF THE CACHUMA OPERATION AND MAINTENANCE BOARD AUTHORIZING SIGNATORIES FOR GENERAL FUND ACCOUNT AT SANTA BARBARA BANK AND TRUST

WHEREAS, the Cachuma Operation and Maintenance Board maintains a separate checking account at Santa Barbara Bank and Trust for the payment of bills and claims presented to the Board herein called the General Fund, and

WHEREAS, the checks issued on the General Fund require two (2) authorized signatures before the checks are honored by the bank, and

WHEREAS, the Board of Directors reviews and approves the payment of claims for all checks issued on the General Fund at the Board's monthly meeting.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said account subject to those conditions as specified in Resolution No. 508 adopted by this Board on July 26, 2010

President of the Board

Vice-President of the Board

Director

Director

Director

General Manager/Secretary

Administrative Manager

PASSED, APPROVED AND ADOPTED this 28th day of February 2011 by the following vote:

AYES:
NAYES:
ABSENT/ABSTAIN:

President of the Board

ATTEST:

Secretary

RESOLUTION NO. 520

A RESOLUTION OF THE CACHUMA OPERATION AND MAINTENANCE BOARD AUTHORIZING SIGNATORIES FOR THE CACHUMA PROJECT TRUST FUND AND THE CACHUMA MASTER CONTRACT RENEWAL FUND ACCOUNTS AT SANTA BARBARA BANK AND TRUST

WHEREAS, the Cachuma Operation and Maintenance Board (COMB) by Resolution No. 249 of January 27, 1997 assumed responsibility for managing the Cachuma Project Trust Fund and the Cachuma Master Contract Renewal Fund (Renewal Fund), and

WHEREAS, COMB has identified Santa Barbara Bank and Trust as the most favorable institution with which to establish these accounts; and

WHEREAS, the checks issued on the Renewal Fund and Cachuma Project Trust Fund require two (2) authorized signatures before the checks are honored by the Bank; and

WHEREAS, the Board of Directors reviews and approves the payment of claims for all checks issued on the Renewal Fund and Cachuma Project Trust Fund accounts at the Board's monthly meeting,

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said account subject to those conditions as specified in Resolution No. 510 adopted by this Board on July 26, 2010.

President of the Board

Vice-President of the Board

Director

Director

Director

General Manager/Secretary

Administrative Manager

PASSED, APPROVED AND ADOPTED this 28th day of February, 2011 by the following vote:

AYES:
NAYES:
ABSENT/ABSTAIN:

President of the Board

ATTEST:

Secretary

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CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: February 28, 2011
TO: Board of Directors
FROM: Kate Rees, General Manager
RE: REORGANIZATION ISSUES

RECOMMENDATION:

1. Direct Chip Wullbrandt to draft an Agreement Among CCRB, ID1, and COMB to Assign Implementation of CCRB and ID1's 2001 Fish MOU Responsibilities to COMB (Fish MOU Assignment Agreement).
2. Direct Tony Trembley to draft amendments to the COMB Joint Powers Agreement (JPA) as specified in the draft Conceptual Form and Structure for Organization of CCRB and COMB dated February 3, 2011.
3. Request the Member Unit Boards and City Council to consider approval of the COMB JPA amendments during April 2011, and ID1 to consider approval of the Fish MOU Assignment Agreement on March 15, 2011, per the attached schedule.
4. Consider approval of the Fish MOU Assignment Agreement at the March 28, 2011 Board meeting.

DISCUSSION:

Reorganization Ad Hoc Committee Meeting February 3, 2011

The Ad Hoc Committee met: (1) to discuss the 2001 Fish MOU responsibilities and assignment issues that have been raised; (2) to reach agreement on the terms of the Conceptual Organizational Structure for CCRB and COMB; and (3) to identify agreements and amendments to the COMB JPA that are needed to implement the reorganizational structure. I'm pleased to report that all three goals were accomplished.

One of the major issues was how to deal with continued, independent representation by CCRB and ID1 on the Adaptive Management Committee (AMC) and Consensus Committee, yet have COMB be the implementing agency for the existing fisheries program projects and activities as defined in the Biological Opinion and LSYR Fish Management Plan. Several options were discussed, but the option considered most viable by the Committee was for COMB, CCRB, and ID1 to enter into a separate agreement whereby CCRB and ID1 assign their collective responsibilities under Section 4, Financial Arrangements, and Section 5, Administrative and

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Monitoring Support, of the 2001 Fish MOU to COMB. In that way, CCRB and ID1 would retain a seat on the AMC and Consensus Committee and remain parties to the Fish MOU. Therefore, there would be no withdrawal by CCRB or ID1 from the Fish MOU, and nothing that would necessitate Consensus Committee approval.

There was also discussion regarding unanimous approval for the Renewal Fund/Trust Fund 5 Year Plans (per the Cachuma Renewal Master Contract Article 27 – MCA 27), and that the 5 Year Plans and Annual Plans should focus on completing the tributary projects in the existing Biological Opinion.

Proposed changes to the draft Joint Defense and Cooperation Agreement were also discussed briefly at the end of the meeting (see CCRB agenda item 6a).

The Ad Hoc Committee reached tentative agreement on all changes to the terms in the Conceptual Structure Reorganization document. Other than the addition of a 2001 Fish MOU Assignment Agreement, there were no other substantive changes to the September 13, 2010 version approved by all Member Units. Chip Wullbrandt was asked to distribute a final draft to all members, which he did. Other than a couple of editorial changes, there were no further comments from the Ad Hoc Committee on the attached February 3rd draft.

Executing Documents to be Prepared

The next step is to prepare the appropriate executing documents. These include the following, which encompasses the conceptual structure recommended :

1. Two amendments to the COMB Joint Powers Agreement to be approved by each of the Cachuma Member Units. These are described in items 1 and 3 in the Conceptual Reorganization Structure. Staff recommends that Tony Trembley, as COMB's General Counsel, draft these amendments to the JPA for review and approval by the Member Units.
2. An agreement among CCRB, ID1, and COMB to assign implementation of CCRB's and ID1's 2001 Fish MOU responsibilities under Section 4, Financial Arrangements, and Section 5, Administrative and Monitoring Support, to COMB. Staff recommends that Chip Wullbrandt draft this agreement for review by the Reorganization Ad Hoc Committee and approval by CCRB, ID1, and COMB, as he has been working with the Ad Hoc Committee on the reorganization issues for several months.

Revised Timeline to Complete CCRB-COMB Reorganization

Attached is a suggested schedule to complete the remaining tasks and approvals for reorganization. Staff requests that each Director place approval of the COMB JPA amendments on their Board or Council agendas during the month of April. The ID1 Board is also requested to consider approval of the Fish MOU Assignment Agreement at its March 15, 2011 meeting, and CCRB and COMB are requested to consider approval of this agreement on March 28, 2011.

Respectfully submitted,



Kate Rees
General Manager

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**CONCEPTUAL FORM AND STRUCTURE
FOR ORGANIZATION OF CCRB AND COMB**

DRAFT 2/3/11

The Cachuma Member Unit Managers have reviewed options for reorganization, including “friendly” amendment to the COMB JPA, in order to better “jointly” implement obligations under the Cachuma Master Contract, including the approved Fishery/Management Plan (FMP) and the 2000 Biological Opinion including any amended or new Biological Opinion (collectively BO) Projects, without requiring ID No. 1 participation in South Coast activities. The conceptual considerations for reorganization are summarized as follows:

1. The COMB JPA would be amended to provide that for COMB projects, operations and maintenance activities and facilities acquisition from the Tecolote intake tower south through the South Coast Conduit, all obligations, liability and financial responsibility would be born by the four South Coast Member Units, which would include a blanket indemnification for ID No. 1. For such projects, operations and maintenance and facilities acquisition, only South Coast Member Unit approval would be involved, and COMB agendas would be structured so ID No. 1 attendance would not be required for those items.

2. The Member Units have confirmed that the COMB JPA requires unanimous approval of all Member Units before COMB would seek to or acquire the operations, transfer or ownership of facilities north of the Tecolote intake tower, including but not limited to, the Bradbury Dam facility, the outlet works, control house, Hilton Creek watering system or other appurtenances used for impounding or releasing of water stored within the Cachuma Project.

3. The COMB JPA would be amended and CCRB, ID No. 1 and COMB would enter into an agreement for assignment of rights and responsibilities under the 2001 MOU, to provide for “Fish Activities,” including the projects and activities under the FMP, the BO and the annual and 5 year plans developed pursuant to Master Contract Article 27 (MCA27). Such Fish Activities would be implemented through COMB, on behalf of Reclamation, subject to the following:

a. COMB shall prepare and annually update a 5 year capital improvements budget for all fishery projects.

b. Funding for FMP, BO and MCA27 projects and activities would be first through grants, MCA27 funds and County Water Agency funding, consistent with the 2001 MOU. Member Unit funding in excess of such amounts will require majority approval, except that a project over \$1 million will still require unanimous approval.

c. Subject to funding availability, COMB may implement (1) any project or activity in the FMP; (2) any mandatory project under the BO; (3) any project or activity for which NMFS provides written confirmation that it qualifies as a credited replacement project or activity for any mandatory project or activity under the BO; (4) any project or activity in an

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unanimously approved MCA27 5 year plan; and (5) any other fishery project or activity unanimously approved by COMB.

d. MCA27 plans will be formally developed and updated on a 5 year basis as called for by the Cachuma Master Contract. Initial approval and any update of the MCA27 5 year plans will require unanimous approval. Annual work plans consistent with unanimously approved 5 year plans will only require majority approval of budget expenses.

e. The addition or modification of any projects to or activities in the FMP implementation, including adaptive management type projects or activities, regulatory compliance and COMB implementation of a new, revised or amended Biological Opinion, shall require unanimous approval.

4. CCRB would remain in place, at least through the current SWRCB hearing process and BO reconsultation, including for responsibilities related to the 2002 Settlement Agreement.

5. CCRB, ID No. 1 and COMB will enter into an agreement which assigns the responsibilities of CCRB and ID No. 1 under Section 4, Financial Arrangements, and Section 5, Administrative and Monitoring Support of the 2001 MOU to COMB.

6. CCRB and ID No. 1 will execute a new Joint Defense and Cooperation Agreement(s) for advocacy of common interests related to the BO reconsultation, and the Cachuma Permits pending before the SWRCB, with each agency and Member Unit also free to advocate their individual and unaligned interests. COMB may provide administrative support to CCRB and ID No. 1 collectively with respect to the BO reconsultation, and the Cachuma Permits pending before the SWRCB, including information on the status of activities and project implementation, but with advocacy for such matters being the responsibility of CCRB and ID No. 1, either individually or through partnership. If "administrative support" requires further definition, we could look to that provided in the 2001 MOU.

7. Unless unanimously approved, COMB staff shall not be employed by or provide services to any other, or combination of, Cachuma Member Units.

STEPS AND TIMELINE FOR REORGANIZATION ACTIVITIES
(revised 2/28/11)

DATE	ACTIVITY	AGENCY
2/3/11	Ad Hoc Committee reached tentative agreement on Concept Reorganizational Structure for CCRB and COMB	Ad Hoc Committee
2/15/11	ID1 approved Draft Joint Defense and Cooperation Agreement among CCRB, ID1, and SYRWCD	ID1
Feb 2011	SYRWCD approves Draft Joint Defense and Cooperation Agreement among CCRB, ID1, and SYRWCD	SYRWCD
2/28/11	CCRB approves Draft Joint Defense and Cooperation Agreement among CCRB, ID1, and SYRWCD	CCRB
	COMB directs attorney to draft amendments to COMB JPA per Concept Reorganizational Structure, to be reviewed by Ad Hoc Committee	COMB Tony Trembley
	COMB directs attorney to draft new agreement to assign implementation of CCRB & ID1 2001 Fish MOU responsibilities to COMB, to be reviewed by Ad Hoc Committee	COMB Chip Wullbrandt
2/28 – 3/7/11	Amendments to COMB JPA drafted by attorney per Concept Reorganizational Structure, and reviewed by Ad Hoc Committee	Tony Trembley Ad Hoc Committee
	New agreement drafted by attorney to assign implementation of CCRB & ID1 2001 Fish MOU responsibilities to COMB per the Concept Reorganizational Structure, and reviewed by Ad Hoc Committee	Chip Wullbrandt Ad Hoc Committee
March 2011	Member Unit review of draft amendments to COMB JPA	GWD, City, MWD, CWWD, ID1
March 2011	Staff prepares draft 5 Year Plan per Renewal Fund/Trust Fund requirements in Master Contract Article 27	COMB Staff
3/15/11	ID1 approves Fish MOU Assignment Agreement and authorizes joint CCRB/ID1 letter to 2001 Fish MOU parties (Consensus Committee) informing them of using COMB to implement their respective responsibilities. AMC and Consensus Committee representatives remain with CCRB and ID1.	ID1

3/28/11	CCRB and COMB approve Fish MOU Assignment Agreement	CCRB, COMB
	CCRB authorizes joint CCRB/ID1 letter to 2001 Fish MOU parties (Consensus Committee) informing them of using COMB to implement their respective responsibilities. AMC and Consensus Committee representatives remain with CCRB and ID1.	CCRB
4/6/11	Ad Hoc Committee review of draft 5 Year Plan	Ad Hoc Committee
4/12/11	GWD approves amendments to COMB JPA	GWD
4/19/11	City Council approves amendments to COMB JPA	City
4/19/11	MWD approves amendments to COMB JPA	MWD
4/19/11	ID1 approves amendments to COMB JPA	ID1
4/25/11	COMB approves 5 Year Plan by unanimous vote	COMB
5/23/11	COMB reviews preliminary FY 11-12 Budget that includes 2012 MCA27 Annual Plan actions	COMB
6/27/11	COMB approves final FY 11-12 Budget that includes 2012 MCA27 Annual Plan actions	COMB

kr.ccrb/admin/board memos _steps&timeline for reorg_rev 022811

COMB OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: February 28, 2011
TO: Board of Directors
FROM: Kate Rees, General Manager
RE: 2ND PIPELINE PROJECT AND CONSIDERATION OF ALTERNATE PROJECTS

RECOMMENDATION:

Staff seeks direction from the Board.

DISCUSSION:

At the January 24th Board meeting, several options were considered to allow the 2nd Pipeline Project to move forward or what to do if the 2nd Pipeline Project was not constructed. Staff recommended postponing the project and budget for a consultant to carry out a comprehensive cost of services/cost benefit analysis of the entire SCC system, including the 2nd Pipeline Project. It was anticipated that the study would take about a year, and could potentially result in a recommendation for different cost allocation percentages among the Member Units for this project and for all COMB capital improvement projects, O&M work, and other expenses.

Jim Blois, the apparent low bidder, has extended his bid three times and was asked to so again. He agreed, however thought that delaying the project for a year or more might result in construction costs that could be higher than CVWD's share of the current project cost because materials and labor costs are beginning to rise. After a lengthy discussion, the Board deferred further discussion to the Board Administration Committee to consider comparative costs of moving forward with the 2nd Pipeline Project, delaying the project and rehabilitating the existing SCC and structures in the upper reach, the usefulness of carrying out a cost benefit analysis, or abandoning the project all together. The Administration Committee meeting was to be scheduled after the Operating Committee evaluated these alternatives in more depth in order to develop a recommendation for the Administration Committee. The Operating Committee met on February 9th.

At the Operating Committee meeting, John McInnes suggested that consideration should be given to an equitable suite of alternate projects that the south coast Member Units could agree to fund using entitlement percentages, rather than on a project for which there is currently no agreement. The Operating Committee requested that COMB staff identify a suite of replacement projects that would likely get the unanimous support from the Member Units in lieu

of the 2nd Pipeline Project. Staff was also requested to investigate the possibility of using the Prop 50 grant for these projects.

Blois Bid Extension

Mr. Blois has not yet signed the 4th Bid Extension. Although he told the Board he would be able to extend his bid another 60 days to mid April, shortly after the last Board meeting, pipeline prices increased so he will be unable to hold his bid price at this time.

County Discussions

As a follow up to the Ops Committee meeting on 2/9, I met with Matt Naftaly, County Water Agency Manager, and Jane Gray (one of the Prop 50 consultants from Dudek). (See Matt's talking points attached.) Mr. Naftaly indicated that replacing one project with another single project of equal cost and benefit would not be a problem, but did not know if the State Board staff would consider substituting a suite of projects. He much preferred that the 2nd Pipeline Project be completed, but if that was not possible, agreed that the Prop 50 money should be retained for other COMB projects that would provide similar regional benefit.

There is also the issue of maintaining a comparable level of matching funds, for which the Santa Barbara application got a high ranking in the Prop 50 competition because our grant application had a very high overall match. COMB's total project cost was \$8.6M with a 60% match of \$5.4M. Because the Santa Barbara grant application had a high overall match, Mr. Naftaly thought it was possible for the grant to absorb some of COMB's matching funds without jeopardizing the entire grant. That issue is still being investigated, but it was suggested that the replacement projects should total about \$6 million in order to have a reasonable match and still receive the full \$3.2M in grant money.

Managing multiple projects for COMB would add to the Prop 50 administrative responsibilities of the Water Agency, which is already understaffed, and Kennedy Jenks would need to modify the software program for invoice and reporting submittals to accommodate multiple COMB projects instead of just one. Any additional County administrative costs and consultant costs would have to be borne by COMB.

There are also contractual obligations that the County must consider. By failing to construct the project contractually agreed upon, COMB could be breaking the terms of both the sub-grant agreement with the County and the MOU which requires the proponents to uphold all of the requirements of the County's Master Grant Agreement with the State Water Board. However, substituting one project for another has been allowed in the past, and there does not seem to be any legal restriction to substituting one or more projects (see Tony Trembley's opinion attached). Mr. Naftaly has met with County management about the alternate COMB proposal. All were willing to accept his recommendation that COMB pursue the replacement projects.

A conference call has been scheduled for February 24th to seek approval from the Cooperating Partners. If they approve, the next step is to put together the replacement projects to be put forth to the State Board. Alternative projects are currently being reviewed by the south coast Member Unit Managers, who will hopefully render a recommendation at the March 2nd Operating Committee meeting. The State Board staff will then be contacted to see if they will agree to replace the 2nd Pipeline Project with an alternate suite of projects.

Potential Replacement Projects

Because we are so far along in the Prop 50 process, any replacement projects must be close to "shovel ready". If the 2nd Barrel is not constructed, most important is to rehabilitate the existing SCC structures and pipeline in the upper reach in Glen Anne Canyon. This will not provide the redundancy or increased capacity that the 2nd Barrel would, but it would increase water delivery

reliability by bringing sections of the existing pipeline up to current day standards. The SCC is 55 years old, however, so the overall SCC is still reaching its maximum life expectancy. AECOM has provided the attached engineering estimate for an alternate upper reach reliability project. This is a preliminary cost estimate and recommendation, and includes replacing 2500' of overburdened pipe, which is very expensive because it requires replacing 200' or 300' sections throughout the canyon where the loading is too high, e.g. in creek beds or at the bottom of canyons. The condition of the SCC in this reach was evaluated in AECOM's 2003 Reliability Study, and further studies were recommended. In the 2008 Reliability Study, better topographic maps were available and it was determined that the overburden was not as severe as originally thought. So no action was recommended on the premise that the 2nd Barrel was going to be constructed and would provide a redundant section pipe should the existing pipeline fail. Without the 2nd Barrel, AECOM is of the opinion that several sections of the SCC should be replaced. Before proceeding with any pipeline replacement, however, a pipeline inspection is needed to determine what is actually necessary, so the inspection is included in the estimate as well.

Other potential alternate priority projects include the following:

- Mission Creek Pipeline and Fish Passage Project
- Rehabilitation of Air Vents and Air Binding Repair
- Rehabilitation of Deteriorated Meters and Laterals in the Carpinteria Reach

If the Cooperating Partners approve COMB's replacement projects, the south coast member units then need to decide which of the alternate projects they can agree to fund, prior to submitting a proposal to the State Board. The suggested alternative projects have been distributed to the General Managers for their review and input, and will be discussed at the next Operating Committee meeting. A proposal must then be drafted for the State Board. The State Board staff will undoubtedly require some sort of additional agreement with COMB beyond the sub-grant agreement to assure that these replacement projects will be funded and constructed, and that they would not be subjected to the same administrative and funding problems that affected the 2nd Barrel Project. Mr. Trembley has suggested how this might be accomplished in his email attached.

Further Implementation Steps

- The total project cost must still be provided to COMB prior to awarding a contract to a contractor. Therefore, it is assumed that the replacement projects will be funded through a bond or contribution agreements from the south coast Member Units in the same manner as the 2nd Pipeline Project was going to be funded. Invoices would be submitted for Prop 50 reimbursements quarterly and returned to the Member Units as they are received. All bond documents and contribution agreements must be modified.
- If another funding mechanism is to be used, that must be established.
- Engineering design work for the projects must be completed.
- An evaluation of any additional permits or modifications to the existing permits must be made.
- Permanent and temporary land easements with the property owners in Glen Anne Canyon must be modified.

- Unanimous approval by COMB and approval by all Member Unit boards/Council must be secured for COMB's financial obligation and project expenditure.
- Bank accounts for each south coast Member Unit would be established.

Respectfully submitted,

Kate Rees
General Manager

kr.comb/admin/ bd memos/022811_2nd pipe & alt projects.mmo

Project Status South Coast Conduit Upper Reach Reliability Project (2nd Barrel)

Report: 2/3/2011

Project	Engineering Design	CEQA Environmental Compliance	NEPA Environmental Compliance	Land Access/Easement Acquisition	Revegetation/Weed Abatement	Mitigation Plans	Bid Process	Construction Management Services	Award Contract for Construction
South Coast Conduit/Upper Reach Reliability Project (2nd Barrel)	Technical Specifications and Design completed April 2010.	Final Environmental Impact Report/CEQA completed February 2009.	<p>Final Environmental Impact Statement/NEPA document will be complete 11/30/2010, then follow NEPA process-</p> <ol style="list-style-type: none"> 1. Distributed by COMB to Reclamation Offices on 12/2/10 2. Notice of Availability posted 12/10/10 for 30 days <p>Please see link: http://federalregister.gov/a/2010-31039</p> <ol style="list-style-type: none"> 3. 30 day comment period ending on 1/10/2011- no comments received. 4. 1/24/2011: State Historic Preservation Office (SHPO) concurs with the Reclamation determination of No Adverse Effect for the project. Receipt of SHPO concurrence completes the Section 106 process and fulfills Reclamation's statutory obligations under Section 106 of the National Historic Preservation Act. 5. Record of Decision (ROD) pending signature by the Regional Director at Reclamation after Environmental Review. <p>NEPA process complete: 2/15/2011</p>	<ol style="list-style-type: none"> 1. Permit to Enter, Right of Way Agreement and Easement Deed completed for all impacted private landowners. 2. Permit easement acquisition of USBR and Goleta Water District property within the 2nd Barrel alignment currently in process to be completed 10/2010. 	<ol style="list-style-type: none"> 1. Revegetation plan in progress by SAIC. 2. Weed abatement of 2nd barrel alignment completed 7/30/09 for 2009 growing season. 3. Weed Abatement for 2010 growing season began January 2010. 	<p>Weed Identification and Removal Manual completed March 2009.</p> <p>Draft Special Status Species Protection Plan complete April 2009.</p>	<ol style="list-style-type: none"> 1. COMB Bond funding approved at March 22nd board meeting- bid documents to be re-issued on 4/20/2010. 	<p>Construction Management Services awarded to AECOM/Boyle and approved by board 6/22/09.</p>	<ol style="list-style-type: none"> 1. Contractor bid scheduled to take place on 5/18/2010 pending COMB Bond funding approval. 2. Bids received 5/18/2010. 3. The lowest qualified bidder has been notified. The contract has not yet been awarded due to delays in receiving the Section 106 permit. Please see Section 106 notes under the permit status sheet.

*Red italic text indicates update

**Permit Status: South Coast Conduit/Upper Reach Reliability Project
(2nd Barrel)**

Agency	Permit	Status	Notes
U.S. Fish and Wildlife Service (USFWS)	Section 7 of the Endangered Species Act Consultation	Issued 11/4/2009	Part of 404 - no separate application.
Regional Water Quality Control Board (RWQCB)	Section 401 of the CWA certification: General Permit for Storm Water Discharges Associated with Construction Activity (CWA Section 402) Note: Section 402 Notice of Intent will not be submitted until just before construction.	Issued 5/20/2009 (expires March 2011)	Water Quality Certification#34209WQ06 issued. Contractor - 401-SSWP 402 Dewatering discharge.
California Department of Fish and Game (CDFG)	Streambed Alteration Agreement	Issued 7/13/2009 Doesn't "expire". Must have a copy of the letter, application and all attachments available at the work site at all times.	Notification# 1600-2009-0064-R5 issued- CDFG action period expired 7/1/2009 and agreement was issued automatically as a result of expired action period. Standard Permit conditions.
Santa Barbara Air Pollution Control District	Authority for enforcing dust control measures	Not required.	Permits "not required" was determined during 8-6-09 conference call. Covered in EIR.
Santa Barbara County	Finding of consistency with the General Plan under California Government Code 65402	Not required.	Permits "not required" was determined during 8-6-09 conference call. Covered in EIR.
National Marine Fisheries Service (NMFS)	Section 7 of the Endangered Species Act Consultation	Issued 7/1/2010	1. USACE has requested responses to NMFS questions on 20 July; responses sent July 30th. Part of 404 - no separate application. 2. Revegetation Plan is accepted. 3. Clarification for maintenance, revegetation and construction easement width at main stem of Glen Anne creek crossing sent by COMB to Darren Brumback at NOAA on 10/8/09 and 10/19/09. 4. Steelhead Survey completed on 3/29/10 resulting in no sign of steelhead-report sent to USACE on 3/31/10. USACE will submit survey to NMFS to issue a letter of no-effect with informal consultation. 5. NMFS letter of concurrence will be final by July 2010 and sent out to the ACOE, per NMFS staff. Section 7 Consultation for steelhead will be complete. 6. NMFS letter of concurrence issued 7/1/2010. Consultation complete.
U.S. Army Corps of Engineers (USACE) Section 404 Permit	Section 404 of the Clean Water Act (CWA) permit	Pending	Pending : 1. Section 106 Consultation with State Historic Preservation Office (SHPO)- Concurrence with Reclamation Finding of No Adverse Effect to Historic Properties, complete 1/10/2011 2. ROD- complete 1/31/2011 3. Section 404 Permit in hand 2/25/2011- Award contract
U.S. Bureau of Reclamation	Construction Permit	Pending	Pending Record of Decision
State Historic Preservation Office	Section 106 of the National Historic Preservation Act review	Pending	January 2011: Reclamation Finding of No Adverse Effect to Historic Properties for Section 106 of the National Historic Preservation Act submitted to SHPO on 12/2/2010. 30 day review period began 12/6/10- SHPO letter of concurrence with Finding of No Adverse Effect to Historic Properties pending- SHPO is expediting project review at request of Reclamation. Reclamation anticipates SHPO letter of concurrence by 1/31/2011. Section 106 process complete pending ROD signature by 2/2011 *Please see previous permit status reports for history of Section 106 st

ITEM # 7a

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United States Department of the Interior

BUREAU OF RECLAMATION
Mid-Pacific Regional Office
2800 Cottage Way
Sacramento, California 95825-1898

IN REPLY
REFER TO:
MP-153
ENV-3.00

DEC 02 2010

CERTIFIED – RETURN RECEIPT REQUESTED

Mr. Milford Wayne Donaldson
State Historic Preservation Officer
Office of Historic Preservation
1725 23rd Street, Suite 100
Sacramento, CA 95816

Subject: National Historic Preservation Act (NHPA) Section 106 Consultation for the Proposed South Coast Conduit Double Barrel Project, Santa Barbara County, California (Project #08-SCAO-120)

Dear Mr. Donaldson:

The Bureau of Reclamation is initiating the NHPA Section 106 consultation process and is seeking your concurrence with our finding that the South Coast Conduit Double Barrel Project (Project) on the Cachuma Project (CP) (Figure 1) would result in no adverse effect to historic properties, pursuant to 36 CFR Part 800.5(b). The CP is a Reclamation owned system. Facilities on the CP downstream of Lake Cachuma are operated on behalf of the Federal government by the Cachuma Operation and Maintenance Board (COMB). COMB proposes to construct a second water supply pipeline with appurtenant facilities between the South Portal of the Tecolote Tunnel (SPTT) and the Corona Del Mar Water Treatment Plant (CDMWTP) in Santa Barbara County, California to improve operational flexibility, reliability, and conveyance capacity. Reclamation proposes to issue permits and easements for the construction of this secondary water supply pipeline and this action is an undertaking, as defined by Section 301(7) of the NHPA (16 U.S.C. 470). Reclamation is consulting with your office pursuant to the 36 CFR Part 800 Regulations that implement Section 106 of the NHPA. COMB is also required to obtain a 404 Clean Water Act Permit from the U.S. Army Corps of Engineers (USACE) for construction and it is Reclamation's understanding that the USACE is using the current consultation for their Section 106 compliance to issue the 404 Permit.

Project Description

The project site involves the area surrounding the existing South Coast Conduit (SCC) between the SPTT and the CDMWTP within T. 5 N., R. 29 W., sec. 26, 35, and 36, San Bernardino Meridian, as depicted on the Dos Pueblos and Goleta 7.5' U.S. Geological Survey topographic quadrangles (Figure 2). Proposed activities include the construction of the secondary pipeline parallel to the existing SCC pipeline. Several alignments were proposed and analyzed during planning. The new alignment selected to be built and the subject of this consultation is labeled as the Preferred Alternative on the exhibits and would be west of the existing line within a road from the intersection with the SPTT access road to the east end of Glen Annie Reservoir, and south of the existing SCC

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pipeline from east of Glen Annie Creek to the Corona Del Mar turnout (Figure 3). The approximately 1.5-mile-long pipeline would have an inside diameter of 48 inches and would be buried in a trench with 5- to 8-feet of cover. Construction of the new pipeline would connect to SCC structures at the SPTT and CDMWTP. A new SPTT diversion/wasteway structure would also be constructed to divert water into each pipeline and would replace the current SPTT. In order to shut down one of the pipelines for maintenance tasks, the new SPTT structure would include the installation of slide gates or butterfly valves. Modifications to the CDMWTP turnout structure would also be required for flow control.

Reclamation has defined the Area of Potential Effects (APE) to include the Preferred Alternative Alignment. This approximately 1.5 mile long alignment involves an approximately 100-foot wide corridor that includes the footprint for all permanent facilities and an area sufficient for access and staging during construction. The vertical APE extends to approximately 12-feet in depth to include the maximum extent of the ground disturbing activity. The APE is depicted as the yellow alignment and the areas outlined in dark blue (S1-S7) on Figure 3.

Identification Efforts

Several investigations were undertaken to identify archaeological sites in the APE (reports enclosed). The initial study included a record search of a 1-mile radius of the Proposed Action area conducted at the appropriate information center and a pedestrian survey of several alignments (Carbone 2005). A supplemental pedestrian survey was completed in 2008 (Drennan 2009) to cover segments of the preferred alignment and staging areas not previously inspected. Other efforts involved analysis of the potential for the preferred alignment to hold previously unknown buried archaeological sites using both archival data and mechanical trenching at one location (Lloyd 2010). The results revealed one prehistoric archaeological site (CA-SBA-1775) in the APE and a second archaeological site (CA-SBA-3923) immediately adjacent to, but outside, the APE. Manual test excavation of archaeological site CA-SBA-1775 was performed to assess the status and integrity of this resource (Lloyd et al. 2010). It was determined ineligible for inclusion in the National Register of Historic Places (National Register) and is discussed in detail later in this submittal. Site CA-SBA-3923 was not evaluated since it remains outside the current APE.

Inventories of the built environment were also used to assess whether structures located within the APE area were eligible for inclusion in the National Register. A large scale evaluation of the entire CP was recently completed by a consultant as part of a general inventory unrelated to the Project (JRP Historic Consulting 2010). Based on that study, Reclamation determined, and your office concurred, that the Tecolote Tunnel and several appurtenant facilities were eligible for listing in the National Register collectively as a complex (BUR 100830A – enclosed). A supplemental study of the CP facilities was completed for the Project (Smallwood and Hamilton 2010). This study provided more detailed consideration of the previously identified SPTT and also recorded the tailings at the downstream side of the tunnel and the construction access road as additional appurtenant facilities that had been omitted from the prior documentation. The SPTT in its entirety and part of the tunnel, the tailings, and the construction access road are within the Project APE.

Pursuant to the regulations at 36 CFR Part 800.3(f)(2), Reclamation identified the Santa Ynez Band of the Chumash Indians as an Indian tribe likely to have knowledge of historic properties in the APE, including those which may be of religious and cultural significance to them. On January 27, 2009, Reclamation requested that the tribe participate in the Section 106 consultation

process. Reclamation has continued dialog with the Santa Ynez Band of the Chumash Indians with a face to face meeting, e-mails, and telephone calls. Reclamation has also been consulting with non-federally recognized Native American organizations that may have knowledge of historic properties which could be affected by the undertaking pursuant to 36 CFR Part 800.4(a)(3). On September 11, 2009, Reclamation sent letters to the Barbareno Chumash Council and the Coastal Band of the Chumash Nation in this capacity. Dialog has continued with the Barbareno Chumash Council with a face to face meeting, e-mails, and telephone calls seeking information about historic properties in the area and to identify issues relating to the undertaking's potential effects on historic properties. To date these consultation efforts have not resulted in the identification of historic properties in the APE. Reclamation will notify you if information that would change the status of the Section 106 consultation for this project is disclosed.

Determination of Eligibility

Site CA-SBA-1775, is the only prehistoric archaeological site identified in the APE. It is set at the base of the steep Santa Ynez Mountains and presented on the surface as a sparse scatter of lithic debris and shell. It was test excavated via 18 shovel test pits (STPs) 50 centimeters in diameter and a pair of 1.0- x 1.0-meter test excavation units (TEUs). These involved the removal of 4.98 cubic meters of sediment processed variously through 1/8" or 1/4" mesh screens. Recovery was limited to a sparse amount of marine and freshwater shell, terrestrial faunal residue, and one chert flake (Lloyd et al. 2010). Exposures revealed a highly disturbed cultural deposit truncated by a previously built settling basin. Although no features were encountered, a single piece of marine shell returned a calibrated date range (A.D. 1540-1880) implying some activity during this interval.

Based on the information summarized above and presented in detail in the accompanying study, Reclamation applied the National Register Criteria, pursuant to 36 CFR Part 60.4, and has determined that the site is not a historic property. The site cannot be associated with a specific event or individual and is not eligible under Criteria A or B. The site also does not contain any of the distinctive qualities necessary to make it eligible under Criterion C. Finally, the limited information potential of the sparse assemblage and the absence of cultural features indicate the site has little potential to yield significant data and is therefore ineligible under Criterion D. The ineligible status of the site is mostly related to the composition of CA-SBA-1775 but several important elements of integrity are also compromised. Much of the surrounding terrain has been modified via the settling basin and associated berms that denigrate the contextual integrity of the site location and setting. Other aspects of integrity relating to workmanship, design, materials, feeling, and association are less important in this case but are also reduced by the existence of the modified terrain. Integrity alone does not make the site ineligible but when factored with the criteria considerations above, Reclamation has found that the site is not an eligible property under any criteria.

The Tecolote Tunnel is another resource within the Project APE and it is associated with the CP itself. The tunnel was previously determined eligible for the National Register by Reclamation under Criterion C as an example of significant engineering and innovative construction methods applied to tunneling. At that time the tunnel was defined as a resource with multiple elements which included the actual tunnel and three appurtenant facilities (intake tower, north portal, and SPTT). Your office concurred that the Tecolote Tunnel Complex was a historic property on September 21, 2010 (BUR100830A - enclosed).

After that time, the tailings on the outfall side and the southern construction access road have been identified as additional elements associated with the construction of the tunnel. These have been recommended as additional contributing elements (Smallwood and Hamilton 2010). Given the individual resource types and the significance of the tunnel complex as an engineering and construction feat, both of these elements are important aspects of the resource. The tailings fill the canyon on the downstream side of the tunnel to a depth of about 70 feet (Frame 8-11 in Smallwood and Hamilton) and remain essentially unchanged since the completion of the tunnel. These spoils from the tunnel provide one of the few visible signs of the scope and the magnitude of the effort required to successfully tunnel through the entire mountain range. The original road alignment remains intact although it has been added to with side branches and much of it has also been paved in the intervening years. The road alignment and construction of the route solely for the purpose of access for the construction project emphasize the complexity of the tunnel project. Given the general current circumstances, both the tailings and the road retain the most important aspects of integrity (location and setting are unhampered and, to varying degrees, workmanship, design, materials, feeling, and association are still evident).

Reclamation therefore extends the definition of the Tecolote Tunnel Complex to include these two features of the tunnel complex as additional contributors to the Tecolote Tunnel as a property eligible for the National Register under Criterion C as an example of significant engineering and innovative construction methods applied to tunneling.

Finding of Effect

The proposed project would impact several aspects of the Tecolote Tunnel Complex. These alterations to individual elements vary from minor alteration to complete removal, but when considered individually and in aggregate for the project, these effects do not comprise an adverse effect to the historic property as a whole pursuant to 36 CFR Part 800.5(b). Specific effects to individual aspects of the complex include minimal alteration to the downstream end of the tunnel by the removal of the existing SPTT and installation of the new portal. The current SPTT will be completely removed and replaced with a new portal. The replacement portal will connect the tunnel to the two pipelines and will also be a switch between the two pipelines. The tailings will be disturbed by the removal of the existing SPTT, installation of the new portal, and the installation of the second pipeline into the tailings but the overall configuration and nature of the tailings will remain unchanged. The road may also be subject to minor rehabilitation as necessary after the increased use brought on by the construction traffic.

The minor impacts to the 6.4-mile long tunnel at the intersection with the SPTT do not denigrate the circumstances of eligibility of the tunnel complex as a significant engineering and construction accomplishment and therefore do not constitute an adverse effect. The total replacement of the SPTT also does not meet criteria of adverse effect since this facility is a minor aspect of the tunnel complex. The SPTT as a stand-alone item is a simple concrete vault that allows access into the tunnel (Frame 1-7,10 in Smallwood and Hamilton). The vault has no unique engineering or construction features, the characteristics of eligibility for the tunnel that would be lost upon removal. It also maintains poor integrity due to ongoing erosion from hydrogen sulfide in the water and due to the replacement of the SPTT vent stack and a portion of the deck after an earlier mudslide. The modifications to both the tailings and the road similarly do not alter the circumstances of the eligibility of the Tecolote Tunnel and do not meet the criteria of adverse effect. The integrity of both the tailings and the road will remain intact.

In summary, the proposed actions, individually and in aggregate, would not alter, directly or indirectly, any of the qualifying characteristics of the Tecolote Tunnel Complex that make it eligible for inclusion in the National Register as an example of exceptional engineering and construction methods. Reclamation therefore requests your consensus that the modifications to the Tecolote Tunnel Complex from this undertaking do not comprise an adverse effect to the historic property pursuant to 36 CFR Part 800.5(b).

Additional Cultural Resource Commitments

As partial fulfillment of Reclamation's NHPA Section 110 responsibilities to preserve historic properties, Reclamation will require that COMB's consultant record the subsurface interior and exterior elements of the vault and the downstream end of the tunnel when these are exposed during the deconstruction of the SPTT. The additional documentation will be added to the site record for the Tecolote Tunnel Complex. Reclamation acknowledges the regional importance of the CP to the Santa Barbara region and also recognizes the significance of the Tecolote Tunnel Complex as a historic property. The supplemental recording undertaken as a Section 110 responsibility could also be useful in the unforeseeable event of any further modification to the remaining elements of Tecolote Tunnel Complex during future unrelated projects.

Request for Concurrence

Reclamation invites your comment on the delineation of the APE and the appropriateness of the historic property identification efforts. Reclamation requests your concurrence that site CA-SBA-1775 does not comprise a historic property. Reclamation further requests your concurrence that the Tecolote Tunnel Complex, as presently defined to include the tunnel, intake tower, north portal, SPTT, tailings, and access road, is a historic property eligible for the National Register under Criterion C. Reclamation also requests consensus with the finding of no adverse effect to historic properties by the proposed undertaking. Please contact Mr. Tony Overly at 916-978-5552, or soverly@usbr.gov, if you have any questions about this project.

Sincerely,

ANASTASIA T. LEIGH

Michael Chotkowski
FOR Regional Environmental Officer

Enclosures – 9

cc: Ms. Crystal L.M. Huerta
U.S. Army Corps of Engineers
Regulatory Division
2151 Alessandro Drive, Suite 110
Ventura CA 93001
(w/o encl)

Continued on next page.

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Continued from previous page.

References

Carbone, L.A.

2005 A Phase I Archaeological Assessment for Two Alternative Pipeline Alignments Between the Tecolote Tunnel South Portal and Corona Del Mar Water Treatment Plant, Goleta Region, County of Santa Barbara, CA.

Drennan, T.M.

2009 Letter Report: Field Inspection of Selected Areas within a Previously Surveyed Area (6.42 acres of 20.62 acres [preferred alternative]) in Santa Barbara County, Township 5 North, Range 29 West, Sections 26, 35, and 36, USGS Goleta and Dos Pueblos Canyon 7.5' Quadrangle (Assessor's Parcel Numbers 079-007-021...024, 033, 044, 045, 048, and 050).

JRP Historical Consulting, LLC

2010 Historic Resources Inventory and Evaluation Report, Cachuma Project. Prepared for United States Bureau of Reclamation, 2800 Cottage Way, Sacramento, CA 95825

Lloyd, J.B.

2010 Buried Site Assessment at Two Locations, South Coast Conduit/Upper Reach Reliability Project, Santa Barbara County, California.

Lloyd, J.B., A.M. Munns, C.G. Lebow, and L. Haslouer

2010 National Register Eligibility Evaluation of CA-SBA-1775, South Coast Conduit/Upper Reach Reliability Project, Santa Barbara County, California.

Smallwood, J. and M.C. Hamilton

2010 Identification and Evaluation of Historic Properties: Tecolote Tunnel South Portal Vault, Tailings, and Construction Access Road, Glenn Anne Canyon, near the City of Santa Barbara, Santa Barbara County, California.

bc: SCCAO (RHealer) (w/o encl)

WBR:TOverly:mjames:11-24-2010:916-978-5552
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**OFFICE OF HISTORIC PRESERVATION
DEPARTMENT OF PARKS AND RECREATION**

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BUREAU OF RECLAMATION OFFICIAL FILE COPY RECEIVED		
JAN 25 2011		
CODE	ACTION	SURNAME & DATE
150	✓	Schwartz 1/25/11

24 January 2011

In Reply Refer To BUR101206B

Michael A. Chotkowski
Regional Environmental Officer
Bureau of Reclamation
Mid-Pacific Regional Office
2800 Cottage Way
Sacramento, CA 95825-1898

RE: Determination of Effect for the Proposed South Coast Conduit Double Barrel Project, Santa Barbara and Ventura Counties, CA

Dear Mr. Chotkowski:

Thank you for initiating consultation with me pursuant to 36 CFR Part 800, the regulation that implements Section 106 of the National Historic Preservation Act of 1966 (16 U.S.C. 470f), as amended, and other applicable regulations. The Bureau of Reclamation (Reclamation) letter of 2 December 2010 requests that I concur with the determination of No Adverse Effect for the undertaking.

As I understand it, Reclamation will issue permits and easements for the construction of a secondary water supply pipeline between the South Portal of the Tecolote Tunnel (SPTT) and the Corona Del Mar Water Treatment Plant in Santa Barbara County. Proposed activities include the construction of the secondary pipeline parallel to the existing South Coast Conduit (SCC) pipeline. It will be constructed on the west side of the existing line within a road from the intersection with the SPTT access road to the east end of Glen Annie Reservoir and south of the existing SCC pipeline from east of Glen Annie Creek to the Corona Del Mar turnout.

Reclamation has established the APE to include the 1.5-mile long alignment with a 100-foot buffer of the proposed pipeline. This includes the footprint for all permanent facilities and area sufficient for access and staging during construction. Reclamation has also extended the APE to the depth of 12-feet to include the maximum extent of the ground disturbing activities. The APE is shown as the yellow alignment and the areas outlined in the dark blue (S1-S-7) on Figure 3 attached to your letter. I find this sufficient pursuant to 36 CFR 800.4(a)(1).

Within the APE, Reclamation identified two historic properties. Site CA-SBA-1775 is a sparse lithic scatter of debris and shell. It was test excavated and Reclamation determined the site not only lacked integrity it lacked significance. The site was determined not eligible for inclusion in the NRHP. I concur with this determination.

The second resource within the APE for the project is the Tecolote Tunnel, which was determined eligible under Criterion C (BUR100830A). The undertaking will have an effect on the tunnel but the proposed work is confined to portions of the tunnel that have been altered since its original construction. As a result, the undertaking will not have an adverse effect on the Tunnel. I concur with this determination.

Classification	ENR 501
Project	3031
Control No	11005945
Folder ID	11005945
Date Input & Initials	1/25/2011 ITEM #
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Thank you for considering historic properties in your planning process. Please direct any questions or concerns that you may have to Amanda Blosser, Project Review Unit architectural historian, at 916-445-7048 or at ablosser@parks.ca.gov.

Sincerely,

Susan K Stratton for

Millford Wayne Donaldson, FAIA
State Historic Preservation Officer

MWD:ab

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From: Anthony Trembley [atrembley@nchc.com]
Sent: Tuesday, February 15, 2011 4:54 PM
To: Kate Rees
Subject: RE: Prop 50 Project Changes

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Kate--I have reviewed the subject agreements. Bottom line: I believe that it is contractually OK for COMB to propose these substituted suite of projects.

The relevant (paraphrased) provisions:

1. Master Agreement between the SWRCB (State Water Board) and SBCWA.

A. Sec. 2 [p. 4 of 38]--The Project consists of implementation of 15 [Project] components of the IWRM Plan. The participating agencies [including COMB] have consented to implementing their respective Project Components by signing an MOU with SBCWA.

B. Sec. 25. b. [p. 35 of 38]--Grantee (SBCWA) shall promptly notify the State Water Board of events or proposed changes which could affect the work performed. No substantial changes in the Project (in COMB's case, its Project Component) can be made until notice is given to, and approval made by, the State Water Board.

2. IRWM Subgrant Agreement between SBCWA and COMB.

A. Recitals No. 5 (p. 2); Sec. 5(a) (p. 3); and Sec. 18 (p. 8)--COMB agrees to carry out the Project Component with reasonable diligence, and to observe requirements of the Master Agreement.

B. Sec. 5(b) (p. 3)--COMB will provide notice to SBCWA if COMB wishes to "substantially alter the schedule, materials, methods **or deliverables** related to the Project Component." [emphasis added]SBCWA must timely forward COMB's alteration request to the State Water Board.

C. Sec. 14 (pp. 6-7); also Sec. 26(iii) (pp. 9-10)--Termination of the Subgrant Agreement if COMB abandons performing the Project Component or fails to cure a breach.

3. 2008 MOU Between SBCWA and Project Proponents (including COMB).

A. Sec. 5 (p. 4)--Termination of participation in the MOU only with concurrence of State Water Board. Notice is given to all remaining Project Proponents.

From the way the agreements are constructed, there is room for COMB to request a substituted suite of projects. The agreements essentially recognize that changes might occur. I do not believe that such a request would represent either a breach, or termination of, the collective agreements.

Following up on my email last night, I think a combination of resolutions and and agreement (versus an MOU) between the four MU's should be sufficient to provide assurances to the SWRCB. I think, though, that SBCWA may want to be a signatory as well. We can develop this more as discussions ensue.

Thoughts?

Tony

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From: Kate Rees [mailto:KRees@cachuma-board.org]
Sent: Monday, February 14, 2011 6:40 PM
To: Anthony Trembley
Subject: FW: Prop 50 Project Changes

Tony –

As a follow up to the Ops Comm meeting, I met with Matt Naftaly, County Water Agency Manager, and Jane Gray (one of our Prop 50 consultants from Dudek) last Friday. Matt was going to meet with Scott McGolpin, County Public Works Director, this afternoon to discuss our proposal to substitute a suite of projects for the 2nd Barrel Project for COMB's \$3.2 M grant. Replacing one project with another of equal cost and benefit would not be a problem. But substituting multiple projects is uncharted territory, so he really didn't know if the state would consider it. Multiple projects would also add to the Prop 50 administrative responsibilities of the Water Agency, and there are legal contractual considerations that Matt mentions in his email below. So the County, as administrator of the grant, may not want to do this. Any additional admin and consultant costs involved would have to be borne by COMB. (see Matt's points attached as well)

If Scott is ok with this proposal, the next step is for the Prop 50 Cooperating Partners to meet and vote on COMB's proposed substitutions. That conf call meeting is being scheduled for 2/24 or 2/25. If they agree in principle, I then have to put together the list of proposed projects for the south coast MU managers to see if they will all agree to recommend to their Boards to pay the matching funds for the new projects per normal Cachuma entitlement percentages. We then have to write up a new "Project" description with about 4 project components (aka 4 individual projects) to sell to the SWRCB, who may or may not go along with this approach. The good news is that they want us to do good water infrastructure projects and want us to spend the money. Matt said they would probably not know how to process it if we gave it back.

There is also the issue of matching funds, for which the Santa Barbara application got a very high ranking in the Prop 50 competition because our grant application had a very high overall match. COMB's project was \$8.6M with a 60% match of about \$5.4M. I can put together \$8.6M worth of alternate projects, but John McInnes is not going to consider that an equitable enough benefit for him to recommend to the Goleta Board that they should pay their entitlement share of those projects, because except for a "fix it" project in the upper reach that will cost \$1M-\$2M max, none of the other projects will directly benefit GWD. So here we go again. The state would need an absolute assurance that what happened on the 2nd Barrel Project does not happen on the replacement projects. Matt thought it was possible to absorb some of COMB's matching funds within the overall grant without jeopardizing it, but not more than about \$2M. So we're potentially looking at suggesting about \$6M in alternative projects and still get the \$3.2M grant money. This is a matter for the Cooperating Partners to weigh in on as

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well.

In the meantime, would you please review the attached SWRCB-County Master Agreement, COMB sub-agreement, and Prop 50 Cooperating Partners MOU to evaluate if COMB can actually do this legally. I think it's probably ok in concept because GWD got approval from the SWRCB to switch their original project for another one of similar scope, cost, and benefit (although they later opted to go back to project #1). But with the COMB project, we will be asking to substitute about 4 projects for the 2nd Pipeline Project. Also, what sort of binding agreement among the 4 south coast MUs would you suggest to assure that they pay the matching funds for a new suite of projects to give the state board the assurance they need?

Best,
Kate

From: Kate Rees
Sent: Monday, February 14, 2011 5:32 PM
To: Naftaly, Matt
Cc: 'Jane Gray'
Subject: RE: Prop 50 Project Changes

Matt –

Thank you for the meeting with me last week and for the support in trying to keep the COMB Prop 50 grant intact. I spoke with Jane this morning and she said you were meeting with Scott McGolpin and Jon Frye this afternoon to discuss the recent turn of events and my proposal. Also that you felt it would be advisable to bring this to the Cooperating Partners. I agree given the complexity of replacing one project with several. Please call me tomorrow and let me know Scott's opinion regarding a recommendation to the State Board.

Kate

From: Naftaly, Matt [mailto:Mnaftal@cosbpw.net]
Sent: Monday, February 14, 2011 11:08 AM
To: Kate Rees
Cc: 'Jane Gray'
Subject: Prop 50 Project Changes

Hi Kate.

Having considered the information that you presented last week, I have some additional thoughts and ideas about how to proceed. I, like you I suspected, want to see the Prop 50 money retained and be of benefit to our area. I would much prefer to see the original project completed but if that is truly not possible then the next best thing may be the projects that you presented to us.

I need to be cautious as to how I proceed and how this issue is presented even internally because I do think that there is a case to be made for the County not pursuing this. By failing to construct the project contractually agreed upon, COMB could be breaking the terms of both the sub-grant agreement with the County and the MOU which require the proponents to uphold all of the requirements of the County's agreement with the State.

Another concern is that, even if the State agrees to proceed with the proposed projects, the process could end up jeopardizing the other projects by delaying the approval of the new contract or who knows what other unforeseen obstacles may occur in dealing with the SWRCB on a change of this magnitude.

Therefore, I now think it advisable to bring this to a vote of the Proponents. This would provide a measure of protection for the County and serve to inform all of the grant status. This step should be taken prior to

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approaching the State with the idea.

So, I will frame my recommendation to management this way and, assuming that there is no heart burn, we should schedule a meeting as soon as possible. I have now forgotten if this can be done by conference call with an email vote but perhaps Jane knows.

Of course, I look forward to any thoughts on this (either or both of you).

Thanks

Matt

Matt Naftaly

Santa Barbara County Water Agency
Water Agency Manager
(805) 568-3542

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February 11, 2011

RE: Issues and difficulties involved in replacing the COMB project

1. Time frame:
The process for requesting the changes now underway began prior to May of 2010 and the State still has not completed our requested changes. Another significant change, even if approved, could put the other projects and the Grant in a new holding pattern for an infeasible amount of time.
2. Number of Projects:
Replacing a single project with a number of projects will complicate the approval, reporting, and invoicing process. Each new project would be subject to the same requirements as the Double Barrel.
3. Invoicing:
The WA is in the midst of extending and increasing the funding for the KJ reporting and invoicing system. KJ would need to make significant modifications (at additional cost) to their website and process for each additional project.
4. Responsibility:
An increase in the number of projects would correspond to an increase in the amount of administrative responsibility required by the WA. WA resources for this project are already overtaxed.
5. The "Black Eye Affect":
Due to the issues involving Casmalia (ongoing) and other significant changes with our Grant (Goleta WD secured permission for a new project and then returned to the old), our region is already considered troublesome. An additional, major change request could color decisions made by the State in regard to the SB region in the future.

Questions:

- 1) What would keep the new projects from being subjected to the same political and administrative problems that affect the double barrel project?
- 2) How would the new projects relate to the old project purpose/goals?
- 3) What would the voting procedure be for the Cooperating Partners to approve substitution of the 2nd Barrel Project for a suite of other projects? All 29 partners, just the 14 grant recipients, no input?
- 4) At what stage of readiness are the proposed projects?
- 5) Would the new projects equal the existing project cost? Would the match be the same? Would the match requirement be the same if a less expensive project or suite of projects were submitted?
- 6) Who would be in charge of the new projects (still Kate?)
- 7) What is the SWRCB procedure for COMB to request another amendment (deviation) to the existing grant?

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AECOM
 5851 Thille Street, #201, Ventura, CA 93003
 T 805.644.9704 F 805.642.8277 www.aecom.com

Memorandum

Date: February 14, 2011
 To: Jim Colton, Kate Rees
 From: Glen Hiller *GH*
 Subject: Considerations if Second Barrel is Deferred

*DRAFT
 REVISED*

Distribution: Andy Romer

The following initial list of mitigation measures to reduce the risk of failure of the SCC have been compiled for COMB's consideration in the event the Upper Reach Reliability Pipeline project is delayed.

	Engineer's Opinion of Probable Cost
♦ Replace three blowoff nozzles and coat interior and exterior steel surfaces adjacent to these appurtenances.	\$ 50,000
♦ Evaluate "fire storm" and flood protection options for blowoff and air valves.	\$ 10,000
♦ Replace two air release (AV) valve nozzles. Extend (AV) vents to 3'0" AFG. Coat exterior and interior steel surfaces adjacent to these appurtenances.	\$ 25,000
♦ South Portal Transition Structure replacement	
• Structure and Gates	\$ 400,000
• 84" pipe (inlet)	\$ 300,000
• Linings / Coatings	\$ 75,000
• 24" pipe (overflow)	\$ 50,000
• Environmental Monitoring	\$ 25,000
♦ Replace under-reinforced SCC pipeline sections	
• Testing and Inspection	\$ 100,000
• 2500± feet 48" pipe	\$ 2,500,000 *
• Environmental Studies	\$ 50,000
• Revegetation	\$ 100,000
♦ Environmental Monitoring	<i>75,000</i> \$ 50,000
♦ Right-of-Way and Pipeline Markers	\$ 25,000
♦ Glen Annie Turnout	
• Weir Modification	\$ 100,000
• Concrete Repairs / Coating	\$ 50,000
• Goleta West Meters	\$ 200,000
♦ Interruptions in SCC Service	\$ 30,000
♦ Engineering 15%	\$ 575,000
♦ Contingency 15%	\$ 575,000
Total	<i>\$ 5,240,000</i> \$ 5,290,000

* To be verified with further study. Concerns were identified in the 2003 reliability study and additional analysis was recommended. The 2008 Reliability Study included the recommended additional analysis and did not recommend replacement of the subject pipeline sections with the understanding that the Upper Reach Reliability Pipeline project would be implemented.

Potential
New Project List

Table 1- COMB Prioritization of Project Components and Cost Distribution

No.	Project Component Description	Estimated Cost	Priority - Very High	Priority - High	Priority - Medium	Priority - Low
1	SCC Second Barrel Pipeline, Upper Reach <i>REHAB & MODIFICATIONS</i>	\$ 9,165,000 \$ 5,000,000	\$ 9,165,000			
2	Reliability Study (Reaches 3 and 4)	\$ 150,000				\$ 150,000
3A	SCC Mission Creek Crossing and Fish Passage	\$ 2,300,000	\$ 2,300,000			
3B	Six SCC Creek Crossings	\$ 1,500,000		\$ 1,500,000		
4	SCC In-Line Valve Installation (4 Locations)	\$ 2,600,000		\$ 2,600,000		
5	Lauro Reservoir, Barker Pass and Sheffield Tunnel Vent Rehabilitation	\$ 500,000		\$ 500,000		
6A	SCC Corrosion Repairs at Appurtenances	\$ 2,075,000		\$ 2,075,000		
6B	SCC Corrosion Repairs at Appurtenances	\$ 1,940,000			\$ 1,940,000	
7	SCC Modifications to Reduce Air Binding	\$ 100,000			\$ 100,000	
8	Glen Anne Weir Modifications	\$ 150,000				\$ 150,000
9	COMB Office Building Replacement	\$ 3,000,000		\$ 3,000,000		
10	Reconfigure Control Station Piping to Reduce HL	\$ 630,000				\$ 630,000
11	Goleta West Meter Modifications	\$ 200,000			\$ 200,000	
12	Right-of-Way Definition Program	\$ 1,000,000		\$ 1,000,000		
13	Investigation of Probable Repairs to the Tecolote Tunnel Lining	\$ 85,000			\$ 85,000	
14	Lake Cachuma Intake Tower Rehabilitation (lower gate operability)	\$ 85,000			\$ 85,000	
15	Elevator Shaft Rehabilitation (requires extensive repairs to reduce water intrusion)	\$ 50,000				\$ 50,000
16	Cachuma Lake Intake Tower Rehabilitation (Seismic Upgrade Investigation)	\$ 100,000				\$ 100,000
17	Sheffield Tunnel Pipe Replacement Investigation	\$ 50,000				\$ 50,000

①
Fix existing structures, pipeline, etc

②

④
③
Camp Reach laterals & meters

④
include in #1

include in #1

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: February 28, 2011
TO: Operating Committee
FROM: Kate Rees, General Manager
David Ault, Acting Operations Supervisor
RE: **COMB MAINTENANCE PROGRAM DEVELOPMENT**

RECOMMENDATION:

For information only.

DISCUSSION:

A Maintenance Program for COMB Operations is being developed by staff. It will be a fully automated mobile program, integrating existing mobile mapping technology and hardware (currently in use) with customized maintenance input forms optimized for field use.

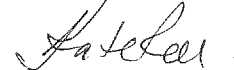
Application Features:

- Fully customized, field enabled interactive entry forms with drop down menus and auto-complete functionality for efficient entry
(*Status: Structure Status Sheet developed and complete- additional maintenance form field criteria in process*)
- Instant form routing from field to office server platform giving staff the ability to wirelessly submit forms with one click from the field
(*Status: Implemented*)
- Real-time tracking capability for each crew member's progress
(*Status: Implemented*)
- Reporting tools for management - Adobe software provides reporting features and real-time maintenance updates for the Operations Supervisor
(*Status: Implemented*)
- Structure overview maps have been prepared to provide a common operational picture of the SCC system
(*Status: Implemented*)

- GPS navigation capability with mobile GIS solution - useful for accurate structure locations and as a training tool
(Status: Implemented)
- Hard copy map book as a structure location reference tool when mobile equipment is in use or internet is not accessible
(Status: in process)

Currently, the fundamental components of the COMB Structure Maintenance program have been developed. The program will be field tested during the first quarter of 2011. Progress and modifications to the maintenance program will be reported to the Operating Committee.

Respectfully submitted,



Kate Rees
General Manager

kr.COMB/admin/board memos/022811_maint program.mmo

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COMB OPERATION AND MAINTENANCE PROGRAM

BOARD PRESENTATION

February 28, 2011

Summary for the Operation and Maintenance Presentation:

1. O&M History at COMB
2. Structure Overview Maps
3. O&M Program Goals
4. O&M Program Solution
5. O&M Program Workflow
6. Demonstration
7. Yearly Operation and Maintenance Schedule
8. Future Plans

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: February 28, 2011
TO: Board of Directors
FROM: Kate Rees, General Manager
Jim Colton, Engineer
RE: **LAURO DAM EMERGENCY PREPAREDNESS - TABLE TOP EXERCISE**

RECOMMENDATION:

1. Prepare emergency repair plans
2. Purchase emergency replacement materials
3. Set up annual emergency coordination meetings with the Member Units
4. Continue to coordinate with local Emergency Operations Centers and first responders
5. Secure access to all COMB facilities during emergency situations

DISCUSSION:

Table Top Emergency Exercises

The Bureau of Reclamation (Reclamation) mandates periodic inspections and exercises for their facilities as part of their Emergency Management Policies. As Lauro Dam is currently owned by Reclamation and operated by COMB, Lauro Dam is subject to Reclamation's policies, and a tabletop exercise is required every three years. A tabletop exercise is defined as an informal activity involving discussions of actions to be taken under described emergency situations. A tabletop exercise is done without time constraints, which allows participants to practice emergency situation problem solving, evaluate plans and procedures, and resolve questions of coordination and assignment of responsibilities.

At the beginning of the exercise, a simulated emergency is announced and a series of messages are issued to the participants in the exercise. They are then asked to respond verbally as to what their agency would need to do in response to the simulated incident in a non-stressful atmosphere. These exercises involve management, key agency staff, and personnel from outside organizations, all of whom would likely be involved at various levels in such an emergency.

In addition to table top exercises, functional exercises will be conducted every six years. Functional exercises are activities in which participants respond in a coordinated manner to a timed, simulated incident that parallels a real operational event as closely as possible.

The purpose of emergency management planning events, such as Table Tops, are to provide for the safety of the public and protect environmental resources from incidents at public facilities by taking reasonable and prudent actions necessary to ensure timely notifications to potentially affected jurisdictions. Timely notification of such incidents provides warning to the public so that safety measures or evacuation can be accomplished as needed. These exercises are also designed to satisfy legal requirements during emergency operations at the facilities.

Goals of Table Tops

- Update existing Emergency Action Plans (EAP)
- Ensure that EAP's contain complete descriptions of available communication capabilities and related notification procedures
- Ensure EAP's contain emergency response levels, expected actions for each response level, and procedures to follow
- Ensure EAP's contain descriptions of potentially affected areas with inundation maps and tables showing travel times
- Ensure that all operating personnel who have assigned responsibilities during emergency operations at dams acquire professional emergency management training

It is not within Reclamation's or COMB's authority or responsibility to directly carry out warning or evacuation of the public to protect them from large operational or spillway releases due to dam failure floods. An emergency management program must comply with applicable provisions of the Department of the Interior according to the appropriate Emergency Management Directives. The operating entity of a dam or facility (COMB) is responsible for the daily operation, maintenance and activities associated with detection, assessment of the damage, initial decision making, and notification components of an early warning system. Local emergency response agencies are notified in sufficient time to allow them to warn and evacuate the public who might be affected by the emergency.

Lauro Dam Failure Emergency Table Top

On February 2, 2011, a Table Top exercise took place at the City of Santa Barbara's Emergency Operations Center (EOC). The simulated event was a 7.5 magnitude earthquake along the Santa Ynez fault that caused a fissure in Lauro Dam with cloudy water flowing from the fissure. All highways and roads were impassable, all cell phone towers and other communication systems were down, and there was no power. By the following morning, the ball valve in the Lauro Dam tunnel had automatically closed so that no water could be delivered to Cater Water Treatment Plant, and it was discovered that there was a pipeline failure of the SCC in Glen Anne Canyon.

Many months of preparation went into planning the event, which was very well attended by first responders, local water purveyors, emergency response agencies, County incident control personnel, Reclamation, and COMB personnel. During the exercise many items were discussed, such as the initial response actions the various agencies should take, damage assessments, notifications needed, communications issues,

coordination efforts with the Incident Command center, and how to begin repairing the damage. Follow-up and lesson's learned lists were also developed.

A brief list of items recommended for COMB follows:

- Develop MOA's with first responders and other agencies (to share resources)
- Coordinate R911 with both City and County emergency operators
- Research locations to rent pumps or other required equipment
- Coordinate with Cater Water Treatment Plant to discuss how to feed Cater in certain situations
- Determine where to locate the COMB Command Center
- Review communication situations among all agencies
- Update contact lists and include them in COMB's SOP Manual and EAP
- Test emergency generators and have backup fuel for the long term
- Coordinate annual meetings between agencies to discuss how best to respond to emergency situations
- Provide a copy of all COMB I.D.'s to CHP, Sheriff, and Police and arrange access to COMB facilities during emergencies
- Prepare a list of materials and equipment that need to be ready
- Establish emergency action plans and have materials on hand to repair or replace pipeline sections or other physical infrastructure.

In closing, the Table Top Emergency Exercise was very beneficial for all agencies involved. A line of communication was established with face to face exchanges of ideas and contact information. COMB has an EAP in place and is developing emergency plans, lists of materials needed to have on hand and contractors to contact. COMB staff has already developed an Incident Command Structure, and will continue to attend emergency seminars and classes (provided on line) to stay abreast of current techniques and maintain face to face communications with other local agencies.

Respectfully submitted,

Kate Rees
General Manager

kr.comb/admin/board memos/022811_Lauro table top.mmo

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AGENDA

Lauro Dam TTx

Wednesday February 2, 2011

8:00 a.m. – 1:00 p.m.

Santa Barbara City Fire Station 1

121 W. Carrillo Street

8:00 a.m. – 8:15 a.m.	Registration	
8:15 a.m. – 8:20 a.m.	Welcome	Yolanda McGlinchey City Emergency Services Mgr.
8:20 a.m. – 9:30 a.m.	COMB Overview	Dave Ault COMB Representative
Presentation by:	Lauro Dam Inundation	Tom Heinzer Bureau of Reclamation
	Exercise Overview	Jay McAmis SB County OEM
9:30 a.m. – 12:30 p.m.	Table Top Exercise	
	9:40 a.m – 10:10 a.m. – Group Break out	
	10:10 a.m. – 10:40 a.m. – Group Briefings	Jay McAmis Facilitator
	10:50 a.m. – 11:20 a.m. – Group Break out	
	11:20 p.m. – 12:30 p.m. – Group Briefings	
12:30 – 1:00 p.m.	Hotwash	Jay McAmis SB Co. OEM Rufino Gonzalez Bureau of Reclamation

Additional Instructions:

All groups will be given injects to assist with group discussion

Lauro Dam Functional Exercise

February 2, 2011

Scenario:

Type of Emergency: 6.0-8.0 Earthquake hits Santa Barbara area- significant shaking but no dam failure

Actions:

1. Earthquake takes place during business hours-
2. All COMB/CCRB employees relocate to Cater Water Treatment Plant
 - i. Operations Supervisor retrieves Scada Laptop and Satellite Phone
 - ii. Operations Crew retrieves Toughbook Mobile Computers and 2 portable generators (MOA needed, tent needed for Mobile Command Center, Satellite Internet needed, outside storage container needed for tent)
 - iii. Administrative Secretary takes headcount at Cater Water Treatment Plant
 - iv. Operations Supervisor contacts Cater Water Treatment Plant operators to stop flow from Gibraltar Reservoir to Lauro Reservoir and
3. COMB Operations Crew/Engineering Staff check Lauro Reservoir for seepage
4. Inspection team notes there is seepage, water is cloudy- Sheriff's dept contacted by COMB to activate Reverse 911 for properties in the inundation zone
5. Flow from Lake Cachuma to Tecolote Tunnel is shut down 1) by Scada 2) if Scada is not available, Reclamation Dam Tenders at Bradbury Dam are contacted via Satellite Phone to manually complete change
6. Mobile Command Center is set up at Cater, staff follows ICS structure roles
7. Site evaluated by Engineering Staff
 - i. Determination is made that seepage is increasing and is a threat
 - ii. Action required to stop flow of cloudy water- Dam Dewatered, Impacted Blow Off structures are dewatered- duration of approx 4 days (identify structures in impact zone)
 - iii. Continuous monitoring required
8. After few hours of dewatering the seepage decreases and becomes clear
9. Threat is removed

**CACHUMA OPERATION AND MAINTENANCE BOARD
METERED USE REPORT FOR JANUARY 2011**

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter		100.72	18+62	G. WEST #1	0.00
Less 2% system losses		(2.01)	18+62	G. WEST #2	4.43
			78+00	Corona Del Mar FILTER Plant	645.77
			122+20	STOW RANCH	0.01
				CAMINO REAL (Bishop)	0.00
				STATE WTR CREDIT	0.00
				Morehart Land (SWP)	0.00
				Raytheon (SWP)	0.00
				La Cumbre SWP Transfer	0.00
			TOTAL		650.21
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	0.00
			386+65	MWD YARD	54.20
			487+07	VALLEY CLUB	0.00
			499+65	E. VALLEY-ROMERO PUMP	48.08
			599+27	TORO CANYON	2.20
			510+95	ORTEGA CONTROL	0.00
			510+95	MWD PUMP (SWD)	0.00
			526+43	ASEGRA RD	0.04
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.01
				STATE WTR CREDIT	(104.54)
				SWP CRED - CVWD	0.00
			TOTAL		(0.00)
			CITY OF SANTA BARBARA		
			CATER	INFLOW	1,082.16
			"	SO. FLOW	(281.19)
			Gibraltar	PENSTOCK	(169.97)
			Sheffield	SHEP.LIFT	68.77
				STANWOOD MTR TO SCC-credit	0.00
				STATE WTR CREDIT	0.00
				La Cumbre Mutual (SWP) transfer	(30.00)
			TOTAL		669.76
			S. Y. RIVER WTR CON DIST., ID#1		
				COUNTY PARK, ETC	4.74
			TOTAL		4.74
			BREAKDOWN OF DELIVERIES BY TYPE:		
				STATE WTR DELIVERED TO LAKE	509.00
				STATE WTR TO SOUTH COAST	134.54
				BISHOP RANCH DIVERSION	0.00
			METERED DIVERSION		1,423.42
			STATE WTR CRD		
		0.00			
TOTAL		98.71			
Note:					
COMB meter reads were taken on 1/03/2011					

10-11 ENTITLEMENT

CACHUMA OPERATION AND MAINTENANCE BOARD

WATER PRODUCTION AND WATER USE REPORT

FOR THE MONTH OF JANUARY 2011 AND THE WATER YEAR TO DATE

(All in rounded Acre Feet)

	MONTH					YTD
	TOTAL					TOTAL
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)				1,623		7,266
Tecolote Tunnel Infiltration				22		529
Glen Anne Reservoir				0		0
Cachuma Lake (County Park)				5		22
State Water Diversion Credit				135		452
Gibraltar Diversion Credit				0		0
Bishop Ranch Diversion				0		0
Meter Reads				1,423		7,215
So. Coast Storage gain/(loss)				75		(32)
Total Production				1,649		7,817
Total Deliveries				1,633		7,635
Unaccounted-for				17		181
% Unaccounted-for				1.00%		2.32%
	GWD	SB CITY	MWD	CVWD	SYRWCD	TOTAL
					I.D. #1	
WATER USE:						
M&I	614	670	0	66	5	1,354
Agricultural	37		0	33		69
TOTAL FOR MONTH	650	670	0	99	5	1,423
Same Mo/prev. yr	739	762	159	69	2	1,731
M&I Yr to date	2,508	3,025	416	467	22	6,437
Ag. Yr to date	426	0	55	297	0	777
TOTAL YTD	2,933	3,025	471	764	22	7,214
USAGE % YTD	27.0%	20.6%	12.7%	19.1%	0.8%	20.1%
Previous Year/YTD	3,414	3,011	935	610	15	7,985
Evaporation	0	10	1	1	0	12
Evaporation, YTD	11	80	12	13	1	117
Entitlement	9,322	8,277	2,651	2,813	2,651	25,714
Carryover	1,566	6,754	1,122	1,231	112	10,785
Carryover Balances Spilled YTD	0	0	0	0	0	0
Surplus^^	0	0	0	0	0	0
State Water Exchange^	27	18	18	12	(75)	0
Transfers*/Adjustment***	0	0	0	0	0	0
Passthrough H20**	0	0	0	0	0	0
TOTAL AVAILABLE	10,915	15,049	3,791	4,056	2,688	36,499
REMAINING BALANCE	7,970	11,944	3,308	3,279	2,665	29,167

** City is operating under pass through mode declared November 2008.

State Water Deliveries for JANUARY to Lake Cachuma were: MWD 382 AF; CVWD 0 AF

GWD 0 AF (Morehart 0 AF); City of S.B. 0 AF; and LaCumbre 127 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 0 AF; MWD received 0;

City of SB received 0 AF; and CVWD received 0 AF from ID#1 in JANUARY 2011.

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CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **January 2011**

GLEN ANNIE RESERVOIR

Capacity at 385' elevation:	518 Acre Feet
Capacity at sill of intake at 334' elevation:	21 Acre Feet
Stage of Reservoir Elevation	347.00 Feet
Water in Storage	87.85 Acre Feet

LAURO RESERVOIR

Capacity at 549' elevation:	600 Acre Feet
Capacity at sill of intake at 512' elevation:	84.39 Acre Feet
Stage of Reservoir Elevation	545.20 Feet
Water in Storage	552.97 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	440.00 Feet
Water in Storage	0.00 Acre Feet

OUT OF SERVICE

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	375.40 Feet
Water in Storage	24.37 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	74.66 Acre Feet
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CACHUMA RESERVOIR*

Capacity at 750' elevation:	186,636 Acre Feet
Capacity at sill of tunnel 660' elevation:	25,668 Acre Feet

Stage of Reservoir Elevation	746.17 Feet
Water in Storage	175,558 AF
Area	2,852
Evaporation	332.8 AF
Inflow	10,389.2 AF
Downstream Release WR8918	0 AF
Fish Release	355.2 AF
Spill/Seismic Release	0 AF
State Project Water	508.8 AF
Change in Storage	9,015 AF
Tecolote Diversion	1,622.5 AF

Rainfall: Month: 1.84 Season: 14.98 Percent of Normal: 145%

* New capacity table adopted Dec. 2008 as a result of the Bathymetric Study completed in Sept. 2008, resulted in 1110 AF reduction of storage.

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/10 to: 9/30/11

Contract Entity: Carpinteria Valley Water District
Last updated by C.O.M.B. 1/31/11

Month	Approved Schedule Current Year	2813	Carryover Previous Year	1231	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT				
					M & I	Agr	Total	Evap	Div	Total	M & I	Agr	Total	M & I	Agr
Oct					136	114	251	7	251	258	140	117	0	0	0
Nov					138	88	226	3	226	229	140	89	0	0	0
Dec					127	62	189	2	189	191	128	63	0	0	0
Jan					66	33	99	1	99	100	67	33	0	0	0
Mar															
Apr															
May															
Jun															
Jul															
Aug															
Sep															
Total		2813		1231	467	297	765								

CONVERSIONS

Month	STORAGE WATER		CURRENT SCHEDULE		SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	AG	M & I	AG
Oct	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0	0
Feb	19	-19	0	0	0	0	0	0
Mar								
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Total			1,231	456	775	1,800	2,813	12

Month	REMAINING BALANCES		REMAINING BALANCES	
	M & I	AG	M & I	AG
Oct	973	316	658	1800
Nov	744	176	569	1800
Dec	553	48	506	1800
Jan	453	0	454	1800
Mar				
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total	973	316	658	1800

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TOTAL 3,278

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/10 to: 9/30/11

Contract Entity: **Goleta Water District**
 Last updated by **C.O.M.B. 1/23/11**

Month	Approved Schedule		Carryover Previous Year	WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT			
	Current Year	9322		1566	Evap	Div	Total	M & I	AGR	M & I	AGR
Oct	688	191	889	9	389	898	705	193	0	0	0
Nov	632	115	747	2	666	668	565	103	69	13	82
Dec	564	83	647	0	0	0	0	0	564	83	647
Jan	614	37	651	0	0	0	0	0	614	37	651
Mar											
Apr											
May											
Jun											
Jul											
Aug											
Sep											
Total	2,508	426	2,934								

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULES AND REVISIONS	
	M & I	AGR	M & I	AGR	M & I	AGR	M & I	AGR
Oct	0	0	0	0	0	0	0	0
Nov	492	-492	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Total	1,566	0	778	788	6,862	2,460	9,322	27

Month	REMAINING BALANCES	
	M & I	AGR
Oct	668	73
Nov	0	0
Dec	0	0
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Total	668	73

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TOTAL 7,969

**SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #175R-1802**

Contract Year: 10/1/10 to: 9/30/11

Contract Entity: **Montecito Water District**
Last updated by C.O.M.B. 1/31/11

Month	Approved Schedule		WATER USED CHARGED TO CARRYOVER BALANCES					WATER USED CHARGED TO CURRENT ENTITLEMENT				
	Current Year	Previous Year	Acre-feet		Total	Allocation		Acre-feet				
			M & I	Agri		M & I	Agri	M & I	Agri	Total		
Oct	2651	1122	179	25	204	6	204	210	185	26	0	0
Nov			150	24	174	3	174	177	153	24	0	0
Dec			87	6	93	2	93	95	88	6	0	0
Jan			0	0	0	1	0	1	0	1	0	0
Feb												
Mar												
Apr												
May												
Jun												
Jul												
Aug												
Sep												
Total	2651	1122	416	55	471							

STORAGE WATER

Month	M & I	Agri	CONVERSIONS
Oct	-16	16	0
Nov	-24	24	0
Dec	-6	6	0
Jan	-1	1	0

SCHEDULE AND REVISIONS

Month	M & I	Agri	Total
Begin Bal	1,122	1,112	2,234
ID#1 Ex+18	0	10	10
Oct	0	0	0
Nov	0	0	0
Dec	0	0	0
Jan	0	0	0
Feb	0	0	0
Mar	0	0	0
Apr	0	0	0
May	0	0	0
Jun	0	0	0
Jul	0	0	0
Aug	0	0	0
Sep	0	0	0
Total	1,122	1,112	2,234

REMAINING BALANCES

Month	M & I	Agri	Total
Oct	912	911	1,823
Nov	735	734	1,469
Dec	640	640	1,280
Jan	639	639	1,278
Feb			
Mar			
Apr			
May			
Jun			
Jul			
Aug			
Sep			
Total	912	911	1,823

TOTAL 3.308

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/10 to: 9/30/11

Contract Entity: City of Santa Barbara
 Last updated by C.O.M.B. 1/3/11

Approved Schedule Current Year 8277
 Carryover Previous Year 6754

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES					WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M & I	Ac-ft	Evap	Div	Total	M & I	Ac-ft	M & I	Ac-ft
Oct	691	0	38	591	729	729	0	0	0
Nov	814	0	21	814	835	835	0	0	0
Dec	850	0	11	850	861	861	0	0	0
Jan	670	0	10	670	680	680	0	0	0
Feb									
Mar									
Apr									
May									
Jun									
Jul									
Aug									
Sep									
Total	3,025	0			3,025				

STORAGE WATER

Month	M & I	Ac-ft
Oct	0	0
Nov	0	0
Dec	0	0
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0

CONVERSIONS CURRENT SCHEDULE

Month	M & I	Ac-ft
Oct	0	0
Nov	0	0
Dec	0	0
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0

SCHEDULE AND REVISIONS

Month	SCHEDULE AND REVISIONS	
	M & I	Ac-ft
Begin Bal	6,754	0
ID#1 Ex+18	18	18
Total	6,772	18

REMAINING BALANCES

Month	REMAINING BALANCES	
	M & I	Ac-ft
Oct	6025	0
Nov	5190	0
Dec	4329	0
Jan	3648	0
Feb	8295	0
Mar	8295	0
Apr	8295	0
May	8295	0
Jun	8295	0
Jul	8295	0
Aug	8295	0
Sep	8295	0

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TOTAL 11,943

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/10 to: 9/30/11

Contract Entity: Santa Ynez River Water Conservation District, ID#1
 Last updated by C.O.M.B. 11/21/11

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Total	M & I	Agr	Total
Oct	7				7	7	0	0
Nov	6				6	6	0	0
Dec	4				4	4	0	0
Jan	5				5	5	0	0
Feb								
Mar								
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Total	21	0			21			

Month	STORAGE WATER	CONVERSIONS	CURRENT SCHEDULE
Month	M & I	M & I	M & I
Oct	0	0	0
Nov	0	0	0
Dec	0	0	0
Jan	0	0	0
Feb	0	0	0
Mar	0	0	0
Apr	0	0	0
May	0	0	0
Jun	0	0	0
Jul	0	0	0
Aug	0	0	0
Sep	0	0	0

Month	SCHEDULE AND REVISIONS	
	M & I	Agr
Begin Bal	112	34
Ex cwwd-12(gwd-27)city-18/mwd-18	858	(26)
Total	970	(49)

Month	COUNTRY PARKS		REMAINING BALANCES	
	A.F. Used	Total	M & I	Agr
Oct	6.56	105	27	78
Nov	5.88	99	21	78
Dec		94	17	78
Jan		89	12	78
Feb				
Mar				
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total				

TOTAL 2.665

SUMMARY OF WATER USED
CACHUMIA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/10 to: 9/30/11

Contract Entity: **Sanita Barbara Co. Water Agency**
 Last updated by **C.O.M.B. 1/31/11**

Month	Approved Schedule Current Year	Storage Credit Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT		
			Use %	Acre-feet		Evap	Allocation		M & I	Acre-feet	
				M & I	Agr		Total	Div		M & I	Agr
Oct	25714	10705	5.76%	1,711	330	60	2,042	1,766	336	0	0
Nov			5.47%	1,740	227	31	1,867	1,699	216	69	82
Dec			4.93%	1,632	151	15	1,783	1,081	69	564	647
Jan			3.94%	1,355	70	13	1,425	752	34	614	651
Feb				0	0						
Mar				0	0						
Apr				0	0						
May				0	0						
Jun				0	0						
Jul				0	0						
Aug				0	0						
Sep				0	0						
Total	25714	10785		6,436	778		7,216				

STORAGE WATER				CONVERSIONS			
M & I	Agr	CURRENT SCHEDULE		CURRENT SCHEDULE		Agr	Month
		M & I	Agr	M & I	Agr		
-16	16	0	0	0	0	0	Oct
-68	-68	0	0	0	0	0	Nov
-6	6	0	0	0	0	0	Dec
16	-16	0	0	0	0	0	Jan
		0	0	0	0	0	Feb
		0	0	0	0	0	Mar
		0	0	0	0	0	Apr
		0	0	0	0	0	May
		0	0	0	0	0	Jun
		0	0	0	0	0	Jul
		0	0	0	0	0	Aug
		0	0	0	0	0	Sep
Total		10,785	9,134	1,651	6,318	25,714	

COUNTY PARKS			REMAINING BALANCES		
A.F. Used	M & I	Agr	M & I	Agr	Total
6.56	7352	1331	19445	6269	25714
5.88	6121	647	19376	6256	25632
4.47	5034	584	18812	6173	24985
4.74	4300	532	18198	6136	24334

TOTAL 29,164

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COMB STATE WATER PROJECT ACCOUNTING - SOUTH COAST ONLY (Does not include SYRWCD, ID#1 or exchange water)

MONTH	DELVRD TO LAKE	CVWD		Transf to MW	MWD		Evap/Spill	Delvd to SC		S.B. Delvd to Lake/Stored	GWD		LCMWC		Delvd to SC	RSYS		Delvd to Lake/Stored	MLC Delvd to SC	
		Delvd to Lake/Stored	Delvd to SC		Delvd to Lake/Stored	Delvd to SC		Delvd to Lake/Stored	Delvd to SC		Delvd to Lake/Stored	Delvd to SC	Delvd to Lake/Stored	Delvd to SC						
2010																				
Bal. Fwvd																				
January	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	354	0	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	486	0	0	0	296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	298	0	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1788	0	0	0	500	0	0	0	500	0	0	0	0	309	0	951	0	28	0	0

COMB STATE WATER PROJECT ACCOUNTING - SOUTH COAST ONLY (Does not include SYRWCD, ID#1 or exchange water)

MONTH	DELVRD TO LAKE	CVWD		Transf to MW	MWD		Evap/Spill	Delvd to SC		S.B. Delvd to Lake/Stored	GWD		LCMWC		Delvd to SC	RSYS		Delvd to Lake/Stored	MLC Delvd to SC	
		Delvd to Lake/Stored	Delvd to SC		Delvd to Lake/Stored	Delvd to SC		Delvd to Lake/Stored	Delvd to SC		Delvd to Lake/Stored	Delvd to SC	Delvd to Lake/Stored	Delvd to SC						
2011																				
Bal. Fwvd																				
January	509	0	0	0	382	277	0	0	105	0	0	0	0	309	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	97	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	509	0	0	0	382	277	0	0	105	0	0	0	0	406	0	30	0	0	0	0

Operations Report – January 2011

The average flow from Lake Cachuma into the Tecolote Tunnel for January was 52 acre-feet per day. Lake elevation was 743.15 feet at the beginning of the month and 746.17 feet at the end. 509 acre-feet of State Water Project water was wheeled through Cachuma Project facilities and delivered to South Coast Member Units during the month.

The Ortega Reservoir remains out of service, with the latest toe drain reading of 4.9 GPM taken on February 7th 2011, a gradual decrease since the reservoir was taken out of service. The Bureau has requested that COMB continue to monitor drain flow, piezometer elevations and site conditions for comparative information.

Other activities conducted this month include:

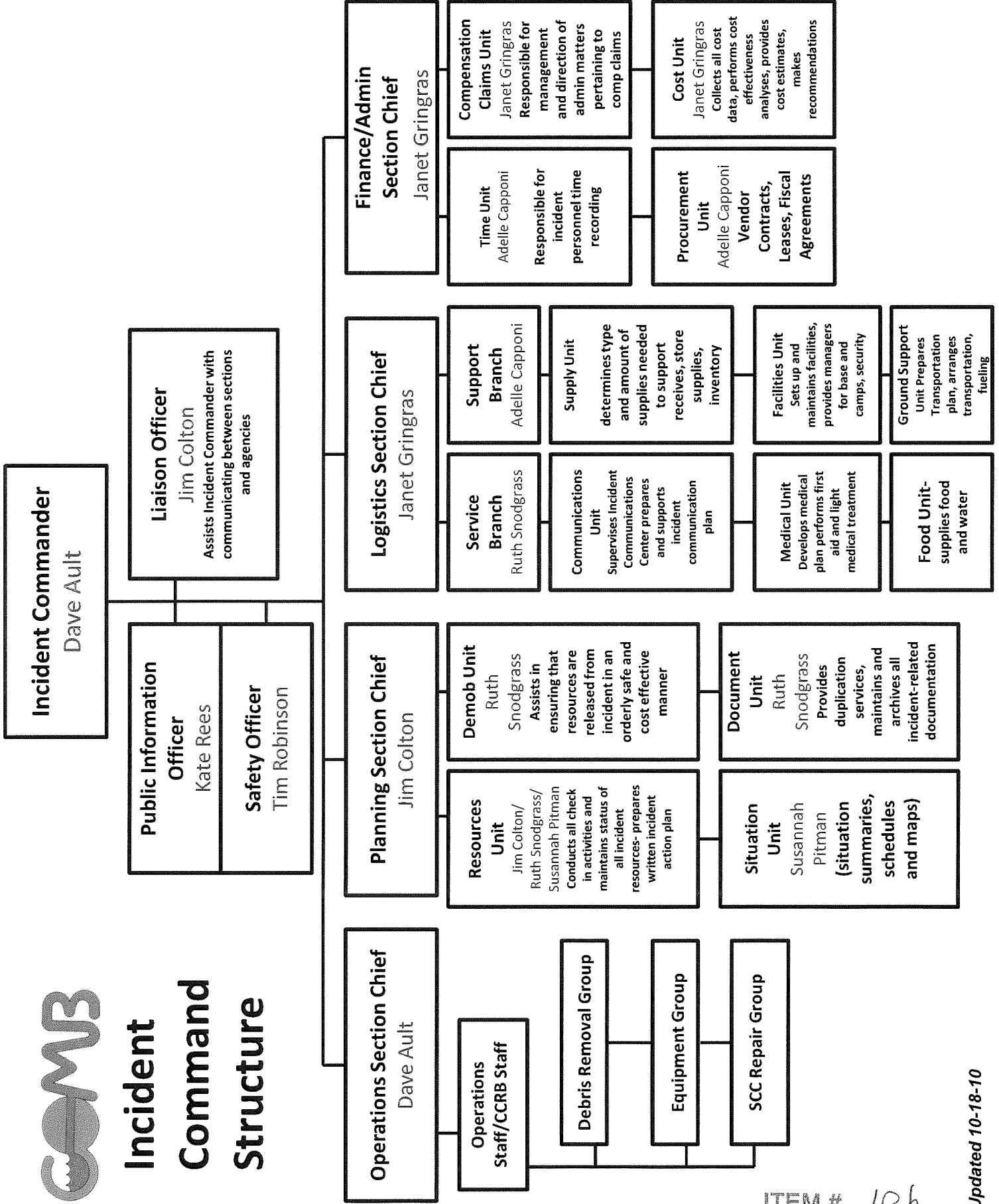
- COMB continues to receive Land Use Authorization requests and is utilizing approved procedures to process incoming encroachment applications. A quarterly spreadsheet report detailing land use activities will be presented in March.
- The Lauro Dam Tabletop Exercise took place on Wednesday, February 2nd 2011 at the City of Santa Barbara Emergency Operations Center. Reclamation is documenting lessons learned and improvements from the exercise, which will be included in the After Action Report. The current Emergency Action Plan is also being revised by Reclamation. COMB was asked to develop an ICS structure for use in emergencies (see attached). A verbal report on the exercise will be delivered at the February board meeting.
- Fallen tree removal and road repairs were necessitated from the recent storms.
- The Operations Crew has completed the recommended items from the USBR Periodic Facility Review that could be accommodated within the current budget (list of projects with associated costs attached).
- A revision of the Standing Operating Procedures for COMB facilities is in process and comments will be submitted to USBR by mid February.
- Staff continues to review SCC Reliability Studies prepared by AECOM and Staff maintenance logs to prepare a Long Term Capital Improvement planning document.
- Summers Engineering is finalizing the data collection and analysis phase of the 2010 Watershed Sanitary Survey Update. A draft report will be available in March 2011.
- The Maintenance Program developed by staff has been deployed. The program is fully automated, integrating existing mobile mapping technology and hardware (currently in use) with customized maintenance input forms optimized for field use. The standard Adobe form management software provides reporting features and real-time maintenance updates for the Operations Supervisor, (a demonstration of the Maintenance Program will be presented).

Routine operation and maintenance activities conducted during the month included:

- Water sampling at the North Portal Intake Tower
- Monitor conduit right-of-way and responded to Dig Alert reports
- Read piezometers and underdrains at Glen Anne, Lauro, Ortega and Carpinteria Dams
- Read meters, conducted monthly dam inspections, and flushed venturi meters
- Continue weed abatement at structures
- Clean debris from access roads



Incident Command Structure



PERIODIC FACILITY REVIEW
PUNCH LIST

No.	Item	Description	Assigned	Est Completion	Status	DN cost	SK cost	Total labor Cost	Picture	Comments
1	SOP									
2	GA 2007-2-C	Include drawings details of spillway and outlet works and instruments	1/1/2011	7/1/2011	Complete					
3	LD 2007-SOD-A	Revised reservoir restriction at elevation 360	1/2/2011	7/2/2011	Complete					
4	LD 2007-SOD-A	2006 Mods into SOP	1/3/2011	7/3/2011	Complete					
5	LD 2007-2-B	Include program to remove debris from discharge channel	1/4/2011	7/4/2011	Complete					
6	LD 2007-2-F	Dam modification of 2007	1/5/2011	7/5/2011	Complete					
7	OD 2007-2-C	Include mods to Dam including annual full-travel tests of valves	1/6/2011	7/6/2011	Complete					
8	CD 2007-2-C	Into on Res Cover and All	1/7/2011	7/7/2011	Complete					
9	New Update		1/8/2011	7/8/2011	Complete					
10	New Train	New Hires on SOP within 90 days				1548.8	1301.76	3097.6		already setup monthly
11	Glen Anne Dam									
12	2007-2-A	Program to visually monitor toe drain well and clean debris			Complete					
13	2007-2-A	Repair 4" air vacuum valve on the 24" outlet			Complete				Yes	
14	2007-2-B	Install confined space at toe drain well	10/13/2010	10/13/2010	Complete				Yes	
15	2007-2-D	Program to include O&M in logbook at dam	11/4/2010	11/9/2010	Complete				Yes	
16	New	Repair or replace the 12" diameter drain pipe were the two holes exist	11/10/2010	11/11/2010	Complete				Yes	
17	New	Clean and recoat 30" diameter outlet piping outside of tunnel	11/2/2010	11/2/2010	Complete				Yes	
18	New	Clean out dead vegetation at the downstream end of spillway chute	10/13/2010	10/13/2010	Complete				Yes	
19	New	Red/replace confined space signs	10/13/2010	10/13/2010	Complete				Yes	
20	New	Remove vegetation from upstream and downstream dam face	10/13/2010	10/13/2010	Complete				Yes	
21	New	Pad lock toe drain	10/13/2010	10/13/2010	Complete				Yes	
22	New	Repair barb wire	10/13/2010	10/13/2010	Complete	733.97		733.97	Yes	
23	Lauro Dam									
24	2004-2-A	Spillway grating repairs			Complete				Yes	
25	2004-2-D	Install hydraulic oil leakage containment			Complete				Yes	
26	2007-2-B	Install signs on spillway siltling well that warn of potential discharge	10/26/2010	10/26/2010	Complete				Yes	
27	2007-2-C	Perform dive inspection of outlet works			Complete				Yes	
28	2007-2-D	Program to visually monitor toe drain well and clean debris	9/30/2010	9/30/2010	Complete				Yes	needs to be setup w/USBR already setup monthly
29	2007-2-E	Install grab bars at the toe drain well	9/30/2010	9/30/2010	Complete				Yes	
30	2007-2-G	Logbook entry program	11/1/2010	11/2/2010	Complete				Yes	
31	New	Place confined space sign at drain outlet	11/1/2010	11/2/2010	Complete				Yes	
32	New	Fix steel air line	11/1/2010	11/2/2010	Complete				Yes	
33	New	Tighten flex hydraulic lines	11/1/2010	11/2/2010	Complete				Yes	
34	New	Shoot grout into cracks in tunnel			Complete				Yes	
35	New	Wack weeds at spillway	10/26/2010	10/26/2010	Complete				Yes	
36	New	Remove vegetation dam face	10/26/2010	10/26/2010	Complete				Yes	
37	New	Remove sediment at debris basin	10/26/2010	10/26/2010	Complete				Yes	
38	Ortega Dam									
39	2007-2-A	Clean weedy veg from abutment drainage channels	11/8/2010	11/10/2010	Complete					
40	2007-2-B	Update the EAP	1/1/2011	04/31/2011	Complete	1016.4	614.72	1631.12		
41	New	Replace all lights on old chlorine building	10/21/2010	10/21/2010	Complete				Yes	
42	New	Check aspe nipples 3 locations	10/18/2010	10/18/2010	Complete				Yes	
43	New	Clean steel rust pit #1	10/26/2010	10/27/2010	Complete				Yes	
44	New	Install step over warning tape inside reservoir			Complete				Yes	
45	Carpinteria Dam									
46	2004-2-D	Ensure lighting provided at each walkways meets requirements			Complete	605	397.76	1002.76		recommendation to MWWD
47	2004-2-G	Reconfigure ladder rung	9/30/2010	9/30/2010	Complete				Yes	recommendation to CVWD
48	2007-2-B	Install grab bars at inlet pipe vault and pit no. 3			Complete				Yes	recommendation to CVWD
49	2007-2-D	Procedure to make logbook entries	10/28/2010	11/2/2010	Complete				Yes	
50	2007-3-A	Install bollards at circuit breaker	10/22/2010	10/22/2010	Complete				Yes	
51	New	Replace faded signs at butterfly valve	11/1/2010	11/1/2010	Complete				Yes	
52	New	Repair piston on hatch cover	10/22/2010	10/22/2010	Complete				Yes	
53	New	Repair barb wire	10/22/2010	10/22/2010	Complete				Yes	
54	New	Contact District about ladder, warning tape at low spots, light over doors			Complete				Yes	recommendation to CVWD
55	South Coast Conduit									
56	2004-2-B	Repair and recoat all lateral and corroding piping	1/1/2011	6/1/2011	Complete					needs to be budgeted and planned
57	2004-2-B	Replace all blow offs and air valves in Carp. reach	1/1/2012	7/1/2012	Complete				Yes	work done within CVWD boundary access issues
58	2007-2-B	Evaluate mortar joints inside the Sheffield Tunnel	10/7/2010	10/7/2010	Complete	96.8	36.16	132.96		
59	2007-2-D	Cathodic protection and air valve at Carp. High school line valve			Complete				Yes	
60	2007-2-E	Maintain structure at 352+07	1/1/2011	7/1/2011	Complete				Yes	
61	2007-3-A	Check if weep holes are needed in Sheffield Tunnel	1/1/2012	7/1/2012	Complete				Yes	work done within GWD boundary
62	2007-3-B	Remove all calcium blocking drainage path along Shelf Tunnel floor	10/19/2010	10/19/2010	Complete	338.8	144.64	483.44	Yes	work done within GWD boundary
63	2007-3-C	Clean and recoat corroded SCC and equip at San Marcos Valve 517+50	10/14/2010	10/14/2010	Complete	338.8	72.32	411.12	Yes	work done within GWD boundary
64	New	CDMWTP lock all moveable parts	1/1/2011	7/1/2010	Complete				Yes	not our property
65	New	Add confined space signs to all structures missing them			Complete				Yes	work done within SB city boundary
66	New	Place bait traps at San Marcos Iso Station	10/26/2010	10/27/2010	Complete	96.8	289.28	386.08	Yes	work done within SB city boundary
67	New	Remove rust at Sheffield Control	10/25/2010	10/25/2010	Complete	242	180.8	422.8	Yes	work done within SB city boundary
68	New	Boundary meter add and recoat at gate valve #4 @ Sheffield	10/27/2010	10/27/2010	Complete	48.4	36.16	84.56	Yes	work done within CVWD boundary
69	New	Pole fields add confined space	10/27/2010	10/27/2010	Complete	48.4	36.16	84.56	Yes	work done within CVWD boundary
70	New	661+70 add confined space	10/27/2010	10/27/2010	Complete	72.6	36.16	108.76	Yes	work done within CVWD boundary
71	New	803+45 add confined space	10/27/2010	10/27/2010	Complete	72.6	36.16	108.76	Yes	work done within CVWD boundary
72	New	Log book for exercised valves	10/1/2010	11/1/2010	Complete				Yes	work done within CVWD boundary
73										
74								8685.49		Total Labor cost

DRAFT Minutes of the
Operating Committee
of
Cachuma Operation & Maintenance Board
3301 Laurel Canyon Road, Santa Barbara, CA

Wednesday, February 9, 2011

1. Call to Order

Rebecca Bjork called the meeting to order at 8:35 a.m.

Managers Present

Rebecca Bjork
John McInnes
Charles Hamilton (left 9:33 a.m.)
Tom Mosby (8:40 a.m.)
Kate Rees

Others Present

Tony Trembley
Jim Colton
Janet Gingras
Ruth Snodgrass
Dave Ault
Tim Robinson

2. Public Comment

There were no comments from the public.

3. Approval of Minutes January 5, 2011

Charles Hamilton moved to approve the minutes as presented, seconded by John McInnes, passed 3/0/2, Tom Mosby and Chris Dahlstrom were absent.

Rebecca Bjork announced that the order of the agenda items had been reversed and that they would start with Item #7.

7. Operations

a. Use of Boundary Meter for CVWD Cachuma Water Use

Due to failure of many of the original 1950s Reclamation meters on the SCC within CVWD, the Boundary meter has been used on an interim basis to record CVWD's Cachuma water use. Using the Boundary meter or the Ortega South Flow meter as the permanent billing meter for CVWD's Cachuma water use has been evaluated over the last two years. MWD and CVWD staff has done extensive analyses into the comparative accuracy of these two meters, and COMB staff has been tracking the difference between them for the last 18 months. The discrepancy between the two meters is minor (0.37%). Therefore, Ms. Rees

was of the opinion that the Boundary meter should be used on a permanent basis. Charles Hamilton and Tom Mosby agreed with Ms. Rees' recommendation and will discuss this with their respective operations committees.

There was also discussion regarding potential system losses along the SCC in the CVWD reach beyond the Boundary meter. COMB operations staff will meet with Mr. Hamilton and Mr. Mosby to evaluate if a system loss adjustment to CVWD's metered water use is warranted. Currently, a 2% system loss adjustment is being made on an interim basis. Mr. Mosby will prepare a technical memo regarding their findings and bring it back to the Operating Committee.

b. Completion of Items from Reclamation's Periodic Facilities Review, September 14-16, 2010

Dave Ault reported that the Operations crew had completed everything recommended by Reclamation during the Periodic Facilities Review, September 14-16, 2010, with the exception of those items that would need to be budgeted. John McInnes requested that a cost for each repaired item be provided for their information.

c. Report on COMB Operation and Maintenance Program

Jim Colton and Susannah Pitman gave a presentation on development of the COMB Annual Maintenance Program. Ms. Pittman demonstrated how the mobile electronic program would function in the field and how reports are generated back in the office. The program will be presented to the COMB Board at the February 28, 2011 Board meeting.

6. CIP Program – 2nd Pipeline Project

a. Status of Final Permits and NEPA Record of Decision

Ms. Rees reported that SHPO sent a concurrence letter to Reclamation that there would be no adverse effect from the 2nd Pipeline Project to cultural resources. The 106 permit can now be issued by Reclamation. The ROD for the Final EIS is pending signature of the Regional Director at Reclamation. Once signed, the ROD will be sent to Sheryl Carter who will then issue a construction permit for the project.

b. Discussion of Emergency Procedures Planning

Mr. Colton highlighted the plans that staff would like incorporated in an Emergency Procedures Plan that AECOM is developing.

c. Items for Discussion for Board Administration Committee

Charles Hamilton left the meeting at 9:33 a.m.

John McInnes suggested that consideration should be given to an equitable suite of alternate projects that the south coast Member Units could agree to fund using entitlement percentages, rather than on a project for which there currently is no agreement. The Operating Committee requested that COMB staff identify a suite of replacement projects that would likely get the unanimous support from the Member Units in lieu of the 2nd Pipeline Project. Staff also needs to investigate the possibility of using the Prop 50 grant funding for these projects. Once the list of projects has been developed, it should come back to the Operating Committee for discussion.

5. Fisheries Program

a. **Update on Trapping Season**

b. **Grants and Funding Options for Quiota Creek Projects at Crossing 2 and Crossing 7: August-November 2011 Construction**

Tim Robinson presented several options for funding the Quiota Creek fish passage projects at Crossing 2 and Crossing 7. The grant contracts require that COMB pay the project construction costs up front, and then invoice the grants for reimbursement. The Committee's preferred funding option was to request that the Member Units with sufficient reserves consider providing short-term financing at fair market value to pay the construction costs up front. This option will be further evaluated by those Member Units.

4. **General Manager's Report**

a. **Table-Top Emergency Exercise held February 2, 2011**

Mr. Colton highlighted the Table-Top Exercise that COMB staff participated in on February 2, 2011. The exercise, mandated by Reclamation, included a wide range of area agencies. COMB staff prepared an Incident Command Structure for COMB which was handed out at the meeting.

b. **Early Warning System Public Meeting, March 16, 2011**

At the request of the COMB Board, a public meeting has been scheduled to discuss an Early Warning System for Laurel Reservoir. Notification for the meeting will be in the newspaper and possibly mailed to targeted areas.

c. **Quiota Creek Board Workshop, February 16, 2011, 1-4 pm at COMB**

Tim Robinson included an agenda for the February 16th Board workshop in the packet. He will be providing an overview of the Quiota Creek Watershed Plan and the fish passage treatments that have been approved by the regulatory agencies for the Quiota Creek crossings.

d. **County-Member Unit Issues**

- **Assistance with Quiota Creek Fisheries Projects**
- **Member Unit Manager Assistance Regarding Santa Barbara County Requirements for Tributary Projects**

The managers suggested reestablishing quarterly meetings with the County staff to address various issues and to develop a better working relationship with the County. Ms. Rees will schedule a meeting with County management in the near future to discuss the Quiota Creek fisheries projects.

8. **Agenda Items for Next Regular Meeting**

Preliminary FY 2011-12 COMB Budget

9. **Date of Next Regular Meeting: March 2, 2011 at 8:30 a.m.**

10. **Adjournment**

The meeting was adjourned at 10:43 a.m.

Approved _____

Unapproved _____ ✓

OAK TREE AND HONEYSUCKLE RESTORATION PROGRAM
Related to the
LAURO RETENTION BASIN ENLARGEMENT PROJECT

End of Year 2010, Status Summary and Results

CACHUMA OPERATION & MAINTENANCE BOARD

January 1, 2011

The Lauro Basin Enlargement Project was completed in 2009 in an effort to enlarge the retention basin at the upper, northernmost edge of the Lauro Reservoir in Santa Barbara, California. The purpose of this retention basin is to collect storm run-off that may contain sediments, pollutants such as yard and household chemicals, and debris, and to minimize the amount of such materials from entering the water supply of the Lauro Reservoir.

SAIC developed the Site Revegetation and Compensation Plan (07/08) related to this construction effort which defines the revegetation requirements and methodologies necessary to complete the mitigation requirements related to losses incurred within the disturbed areas of construction. This Plan addresses three areas of mitigated effort necessary to offset or replace these impacts. Revegetation efforts will mitigate impacts or losses to Santa Barbara Honeysuckle, Coast Live Oaks, and marsh vegetation.

The intention of this restoration project is to implement the revegetation and mitigation requirements identified by SAIC relating to Santa Barbara Honeysuckle and Coast Live Oak tree replacement. Restoration requirements of these two species include no less than fifty, one gallon size Santa Barbara Honeysuckle plants and no less than 160 acorn, Coast Live Oak seed planting. This planting effort was conducted within, or close to the impacted areas of the Lauro Retention Basin Enlargement Project, and is intended to replace losses, or potential losses incurred during that construction effort.

It is written in the SAIC Site Revegetation and Compensation Plan, that project plants and trees will be protected, irrigated and maintained for a minimum of three years, and monitored for a total of five years, after planting. At the end of five years, specific Performance Criteria must be achieved relating to number of survivors, growth performance, duration of self-sufficiency, and several other criteria detailed in that Plan.

Quercus agrifolia, Coast Live Oak Tree Replacement Program

The Year 1 effort to this program included a seed collection effort (*Quercus agrifolia*) within the general geographic area surrounding the Lauro Creek watershed. This effort yielded 500 Coast Live Oak seed which were tested for viability, labeled and refrigerated for storage until planting activities begin in March, 2010. The first year of the restoration program will satisfy the recommended mitigation requirements detailed by SAIC in Section 3.2 of the Site

Revegetation and Compensation Plan (pp.10). In this effort, 300 acorn seeds were planted at 100 site locations on the upper slope areas bordering the Lauro Reservoir, containing three seeds per location. As specified in the plan, planting holes were dug and gopher baskets inserted into the holes. Three seeds per site were planted at 1" depth to moist soils near the end of the rainy season, in March, 2010. A 3" temporary soil berm, 2 to 3 feet in diameter, was constructed around each planting site to hold mulch and aid in surface watering applications of maintenance. Each seed planting site was constructed with a rigid tree protection basket over the planting area that will protect the new seedlings as they grow for the first three years. All tree sites were mulched with natural tree fodder, collected from below the canopy of existing Oak woodland in the surrounding area.



Each Oak tree planting site was hand watered weekly through the dry months of the first year using a water truck, pumps and hoses to individually access each tree site and saturate the watering basin with approximately 10 gallons of water per application. Tree cages were weeded regularly and attention was paid to the maintenance of proper mulch levels which aid in moisture retention and fertilization of new sprouts. Relatively mild temperatures persisted through most of the summer of 2010, which aided in the initial success of the seed germination and survival of tiny trees through the first summer.

Two Measuring and Monitoring Surveys were conducted during the first half of the Fiscal Year 2010/2011, the first on August 19 and the second on December 29. During these surveys, each tree cage was inspected and the number of surviving trees was recorded, each tree was measured for height and assessed for health. The results of those two monitoring events are documented in the following Table 1.

Table 1. Oak Tree Survey Results, August and December, 2010

Cage #	# Trees	RESULTS 8/19/10			RESULTS 12/29/10							
		Height Cond.	Height Cond.	Height Cond.	# Trees	Height Cond.	Height Cond.					
1	2	6" E	3" E		2	12"E	5" E					
2	1	5" E			1	12"E						
3	2	5" E	2" F+		2	7" E	4" E					
4	2	6" E	3" E		2	12" E	5" E					
5	4	1", 2"	2" E	5" E	4	6", 4"	4", 3"	All E				
6	2	6" E	3" E		2	6" E	4" E					
7	1	1" E			1	2" E						
8	1	6" E			1	6" E						
9	3	3" E	3" E	3" E	3	5" E	5" E	5" E				
10	1	6" G			1	6" E						
11	3	6" E	3" E	3" E	3	12"E	3" E	3" E				
12	1	3" E			1	3"						
13	0				0							
14	2	6" E	5" E		2	5" E	6" E					
15	2	6" E	2" E		2	6" E	2" E					
16	3	5" E	3" G	2" G+	3	5" F	3" F	2" F				
17	1	3" E			1	3" G						
18	1	6" E			2	6"E	3" E					
19	2	7" E	4" E		2	7" E	5" E					
20	2	3" E	3" E		2	3" E	3" E					
21	2	6" E	3" E		2	5" E	4" E					
22	3	6" E	4" E	3" E	3	6" E	4" E	3" E				
23	3	6" E	5" E	3" E	3	11" E	7" E	5" E				
24	1	5" E			1	5" E						
25	1	2" E			1	3" E						
26	2	3" E	3" E		2	2" F	2" E					
27	2	5" E	3" E		2	7" E	3" E					
28	1	6" E			1	9" E						
29	2	8" E	7" E		2	13" E	12" E					
30	2	7" E	6" E		2	4" G	4" G	gopher				
31	3	6" E	5" E	3" E	3	6" E	5" E	3" E				
32	3	6" E	6" E	5" E	3	9" E	7" E	7" E				
33	2	5" E	4" E		2	4" G	4" G					

34	2	6" E	6" E			2	5" G	5" G				
35	2	5" G	3" G			2	4" F	2" F				
36	3	3" E	2" E	2" E		2	3" G	3" G				
37	2	8" E	3" E			2	6" G	4" G				
38	1	5" E				1	3" E					
39	1	8" E				1	8" E					
40	3	6" E	3" E	3" E		3	5" F	3" F	3" F			
41	1	8" E				1	5" E					
42	1	6" E				1	7" E					
43	2	4" E	4" E			2	3" G	3" F				
44	2	6" E	4" E			2	5" E	5" E				
45	1	8" E				1	9" E					
46	1	5" E				1	4" G					
47	1	9" E				1	20" E					
48	3	3" E	5" E	6" E		3	5" E	3" E	2" E			
49	2	4" E	5" E			2	6" E	5" E				
50	1	7" E				1	7" E					
51	1	3" E				1	2" E					
52	2	6" E	6" E			2	6" G	5" G				
53	2	1" E	5" E			2	4" G	4" G				
54	1	5" E				1	4" E					
55	2	5" E	4" E			2	5" E	4" E				
56	1	2" E				1	5" E					
57	1	3" E				1	4" E					
58	1	7" G				1	5" F					
59	3	4" E	3" E	3" G		3	4" F	3" G	3" G			
60	0					0						
61	3	4" E	3" E	1" G		3	3" E	2" E				
62	2	7" E	3" E			2	7" E	2" E				
63	3	6" E	5" E	3" E		3	6" E	5" E	3" E			
64	2	4" E	4" E			2	4" G	4" F				
65	3	8" E	6" E	5" E		3	7" G	5" F	4" F			
66	3	6" E	6" E	5" E		3	4" F	4" F	3" F			
67	2	6" E	4" E			2	5" E	2" E				
68	0					0						
69	3	6" E	4" E	4" E		3	6" E	5" E	4" E			
70	2	5" E	4" E			2	15" E	4" E				
71	2	4" E	4" E			2	3" E	3" E				
72	3	4" E	4" E	2" G		3	7" E	6" E	2" E			
73	2	5" E	3" E			2	15" E	5" E				
74	1	8" E				1	7" G					
75	2	5" E	3" E			2	7" E	4" E				

76	3	8"	8" E	6" E		3	14" E	12" E	8" E			
77	3	6" E	5" E	2" E		2	7" E	5" E				
78	2	2" E	3" E			2	3" E	2" E				
79	2	7" E	3" E			1	1 dead	3" E				
80	3	8" E	8" E	8" E		3	12" E	9" E	6" E			
81	2	6" E	3" G			2	12" E	3" E				
82	4	5", 6"	E 3" E	2" G		4	5", 3"	3", 2"	All E			
83	3	9" E	8" E	6" E		3	15" E	11" E	6" E			
84	3	7" E	6" E	6" E		3	8" G	6" G	5" G			
85	3	10" E	9" E	7" E		3	17" E	15" E	7" E			
86	1	1" G				0						
87	3	6" E	5" E	3" E		3	6" E	6" E	4" E			
88	2	4" E	4" E			2	3" E	3" E				
89	0					0						
90	2	5" E	3" E			2	5" E	3" E				
91	2	5" E	1" G			1	5" G					
92	3	10" E	7" E	4" E		3	10" E	7" E	3" E			
93	1	4" E				1	4" E					
94	2	6" E	3" E			2	3" G	2" G				
95	1	7" E				1	6" E					
96	3	7" E	6" E	2" E		3	5" E	5" E	2" E			
97	1	4" E				1	3" G					
98	?					1	3" G					
99	2	3" E	6" E			2	7" E	1" E				
100	2	2" E	5" E			2	4" E	2" E				

Oak Tree Project Results

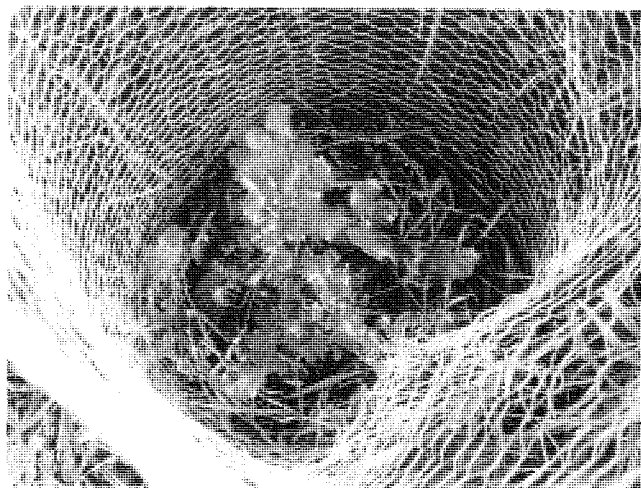
The previous tables show the cumulative results from two measuring and monitoring events conducted in August and December of the first project year. 0 to 3, and sometimes 4 trees may be present in each of the cages tagged #1 through #100 at this project site. Each tree was monitored for health and condition using a simple rating of "E" (excellent), "G" (good), and "F" (fair). A seedling represented with an "E" would show excellent health, green leaves, free of disease or blight and be prosperous in new growth. A seedling bearing a "G" rating may have slight yellowing (chlorotic), minor pest exposure or exhibit minimal signs of stress with less prosperity than an excellent tree. A seedling with an "F" rating may be lacking new growth, suffering from pest or disease exposures, or in decline.

The Survey in August yielded only one tree to be found in "Fair" condition, but in December, #18 young seedlings were found in "Fair" condition. The abundant rains that were experienced in Fall and through December in this area created a chlorotic condition in many of the young seedlings, causing a yellowing of the leaves as the excessive rainfall and lack of warm sunshine leached much of the surface nitrogen from the tree roots. As the season

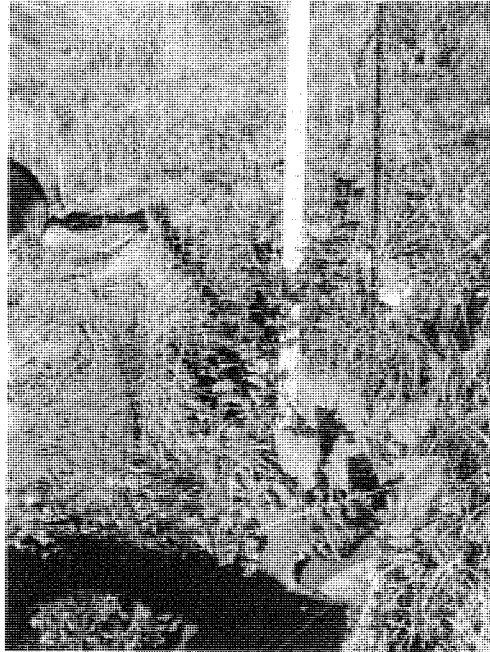
passes, and maintenance mulching continues, many of these tiny trees should recover from these exposures and recover to “Excellent” condition.



The photo above shows three young seedlings within cage enclosure. The two small trees at the top of the picture would receive a health monitoring of “F” due to the yellowing and discoloring of the leaves. Below: “E”, excellent trees. (Dec)



Five cages have no trees at this time, resulting in a 95% success of cage tree sprout and survival at the end of the first year. (*Late season planting conducted in March, 2010 near the end of the rainy season) The tallest tree is 20 inches, the second tallest at 17 inches, and three trees are 15 inches at the time of this report. Twelve cages contain trees that are taller than 12 inches, thirty-five cages have trees that are between 6 inches and 12 inches, forty-three cages have trees that are between 3 inches and 6 inches, and five cages have trees that are less than three inches.



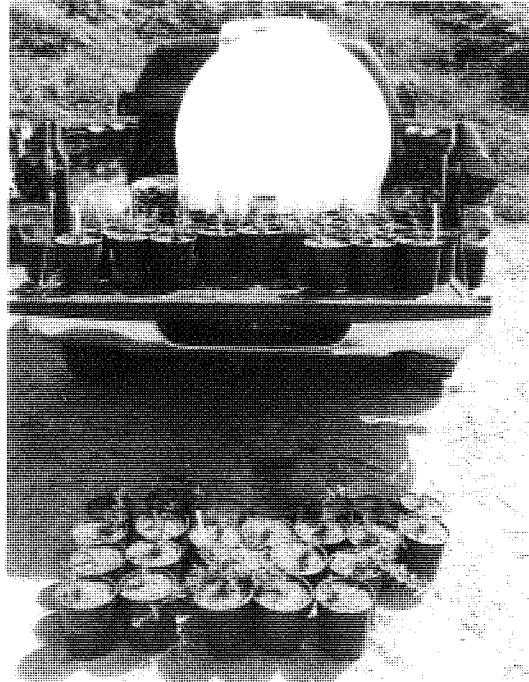
The photo above is the largest seedling tree within the project area by December 2010, 20 inches

The seed Oak tree project at Lauro Reservoir related to the Lauro Retention Basin Enlargement Project shows excellent results at the end of calendar year 2011 with #95 tree cages possessing trees at this time. The trees are very small and remain very vulnerable to changing conditions, gophers, pests and predation. Protective enclosures and regular maintenance have proved invaluable to the present success of this program to this point. Future prosperity and success of this effort will be supported by regular maintenance, weeding, supportive irrigation, and continued Oak fodder fertilization to work toward the performance criteria of #80, 6 foot tall, self sufficient Coast Live Oak trees.

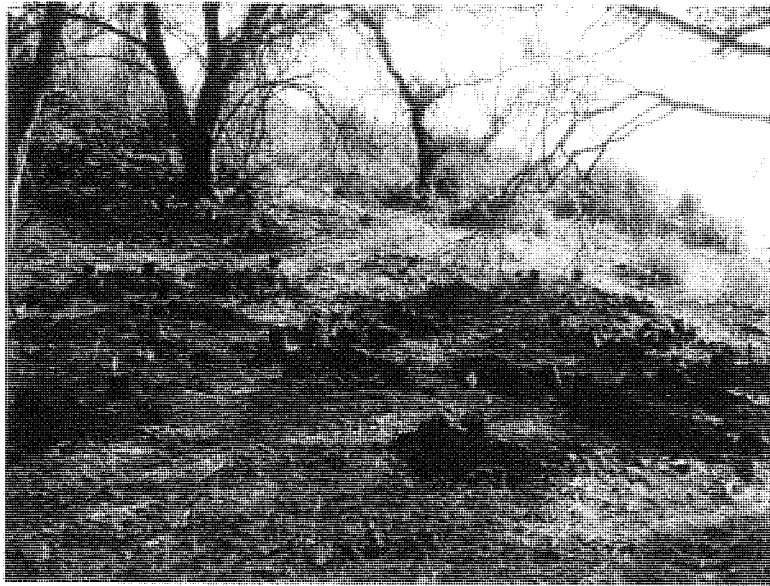
Santa Barbara Honeysuckle Replacement Project at Lauro Retention Basin

Santa Barbara Honeysuckle replacement requirements are detailed in Section 3.1 of the Resource Compensation section of the SAIC Plan which requires a planting of fifty, one-gallon size honeysuckle plants. These plants were grown from seed collected within the watershed area by Growing Solutions of Santa Barbara. Melinda Fournier recommended to Ms. Susannah Pitman of COMB to increase the immediate planting numbers of Santa Barbara Honeysuckle, as available, thus allowing for potential losses over time and to support the success of a fifty plant survivorship in three years, as required in this mitigation.

(photo) CA Honeysuckle plants delivered by Growing Solutions, 3/20/10, #63 1gallon size

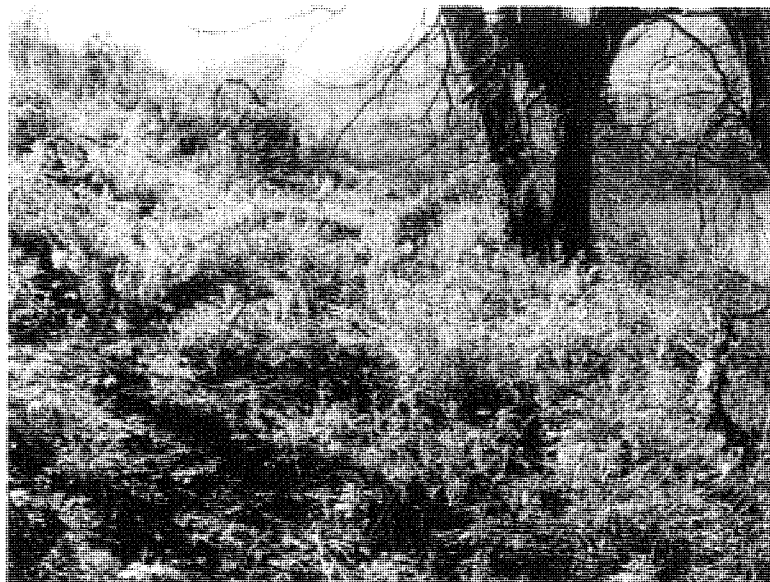


The photo above shows the completed installation site of the CA Honeysuckle Project related to the Lauro Retention Basin Enlargement Project, 3/21/10. All #63 available propagules related to this project were planted along the south shore of the basin, on the west-facing slope, below the canopy of the existing Oak Woodland. This area was the direct site of loss incurred during the construction project.



The photo above shows the plant community layout during the installation of the SB Honeysuckle under the canopy of the Oaks. After a complete weed clearing effort within all planting areas, each planting site was dug out by hand, to holes approximately 5gallon size, lined with gopher protection wire mesh, planted in non-amended native soils, and constructed with a water basin berm approximately 3' in diameter. All plants were then mulched with approximately 2" of Oak fodder mulch and watered immediately after planting.

The SB Honeysuckle project was maintained parallel to the efforts of the Oak tree replacement program at Lauro Reservoir during the dry months of 2010, through December. Water was delivered to the planted shrubs by water truck and pumped by hose to individual plants which were soaked to fill the water basin and saturate all root zones. Watering was delivered weekly, and regular maintenance included poison Oak control, weeding, basin maintenance, and gopher damage control. The plants delivered from Growing Solutions in March were very small, but constant irrigation and attention resulted in tremendous success of this effort at the end of 2010.



Inspection at the end of December 2010 concluded that two SB Honeysuckle plants had died during the year (#11 and #51), yielding a 96.8% success with #61 large, healthy Honeysuckle shrubs existing at this site through project efforts.

Future work will include irrigation services, weeding, gopher control, monitoring and support for the guarantee of #50 healthy, prosperous survivors at the end of the three year responsibility period.



CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: February 28, 2011
TO: Board of Directors
FROM: Tim Robinson, Sr. Resource Scientist
Kate Rees, General Manager
RE: **January 2010 LOWER SANTA YNEZ RIVER FISHERIES REPORT**

In compliance with the Cachuma Project Biological Opinion (BO) and as described in the Lower Santa Ynez River Fish Management Plan (FMP) and the Monitoring Program in the revised Biological Assessment (BA), the Cachuma Project Biology Staff (CPBS) conducts routine monitoring of steelhead/rainbow trout and their habitat on the Lower Santa Ynez River (LSYR) below Bradbury Dam. The following is a list of activities carried out by CPBS during the month of January 2010 that has been broken out by categories.

Migrant Trapping:

Upstream and downstream migrant traps at Salsipuedes Creek, Hilton Creek and the LSYR mainstem were installed on January 6, 2011. There were no storms of significance throughout January; hence the traps remained in place through January. The trapping results for January are presented in Table 1.

Table 1: January migrant captures at Hilton Creek, LSYR mainstem and Salsipuedes Creek traps.

Location	Upstream Captures	Downstream Captures	Smolts	Anadromous Adults	Installed	Installed	Change 2010 to 2011
					1/6/11	1/23/10	
					Total Jan2011*	Total Jan2010*	
Hilton Creek	20	13	1	0	33	45	-12
Salsipuedes Creek	6	26	15	0	32	2	30
LSYR Mainstem	0	0	0	0	0	0	0

* Totals do not include recaptures

January was a very dry month and the number of migrant captures is expected to increase in February due to several rainfall events.

Redd Surveys:

Surveys looking for steelhead/rainbow trout redds were conducted on LSYR mainstem within the Highway 154, Refugio, and Alisal reaches where access was permitted and certain sections of Hilton, Quiota, and Salsipuedes/El Jaro creeks. Since this effort was concluded in February, the results will be reported next month.

Passage Supplementation:

With only 350 acre-feet remaining in the Fish Passage Supplementation Account, no fish passage supplementation releases are planned for WY2011 until Lake Cachuma spills.

Beaver Dam Mapping:

As the migration season begins January, CPBS map all beaver dams in the LSYR drainage (Figure 1). There were 87 beaver dams mapped; 82 in the LSYR mainstem and 5 in Salsipuedes

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Creek. Last year, there were a total of 149 beaver dams mapped within the LSYSR basin during the January survey.

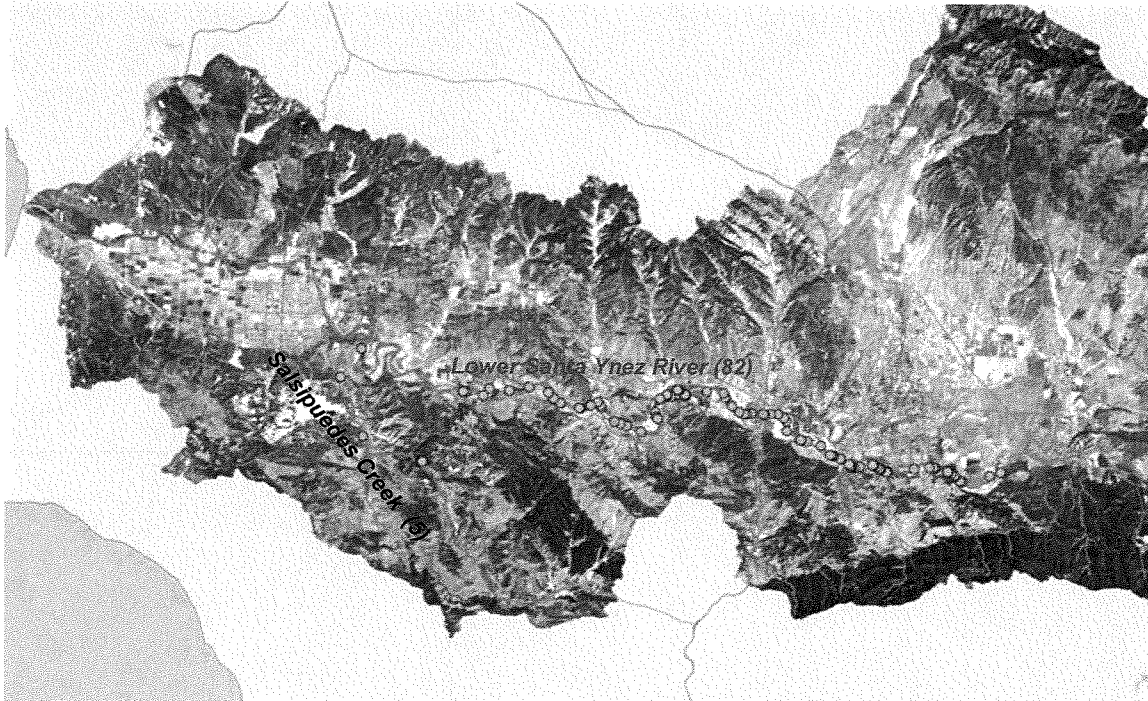


Figure 1: Beaver dams found during the January 2011 survey.

Reporting:

The final edits of the Biological Opinion Compliance Binder were incorporated and the binder was submitted by Reclamation to NMFS on 2/9/11. CDs with all documents included in the binder are available upon request.

Outreach and Training:

The Senior Resources Scientist continued to meet with landowners along Quiota Creek in preparation for fish passage enhancement projects this fall and beyond.

Consultant Activity Summary (January):

Northwest Hydraulic Consultants (Ed Wallace) – Hilton Creek Channel Enhancement Study: CPBS received a final draft of the study and are preparing comments. The study will be completed within a few weeks.

Cardino-ENTRIX (Jean Baldrige) – BO Compliance Binder preparation, worked with CPBS to incorporate all of Reclamation’s comments and finalize the binder.

Melinda Fournier Tree Specialist (Melinda Fournier) – Cachuma Lake Oak Tree Restoration Program: monthly field maintenance and nursery operations.

HDR Fisheries Design Center (Mike Garello) – Design work for Quiota Creek Crossings in preparation for project permitting, regulatory review and grant proposals.



United States Department of the Interior

BUREAU OF RECLAMATION
South-Central California Area Office
1243 N Street
Fresno, California 93721-1813



IN REPLY REFER TO:

ENV - 7.00 (Cachuma)
SCC-423

RECEIVED

FEB 09 2011

FEB 14 2011

Mr. Rod McInnis
National Marine Fisheries Service
Attn: Anthony Spina
501 West Ocean Blvd., Suite 4200
Long Beach, CA 90802

CACHUMA O&M BOARD

Subject: Cachuma Project Biological Opinion Compliance Binder Submittal

Dear Mr. McInnis:

The Bureau of Reclamation (Reclamation) is pleased to provide the enclosed binder of documentation supporting compliance with the requirements identified in the September 11, 2000, Biological Opinion for the Operation and Maintenance of the Cachuma Project on the Santa Ynez River in Santa Barbara County, California. The binder, enclosed for the National Marine Fisheries Service (NMFS) examination and study, contains "hard copies" of documents addressing each of the 15 Reasonable and Prudent Measures identified in the BO and their associated Terms and Conditions, along with supporting information (e.g. developed under the Adaptive Management Committee). In addition to the "hard copies" in the binder, a complete set of electronic files in Portable Document Format is provided for your convenience.

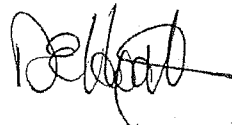
The Cachuma Conservation Release Board (CCRB), Cachuma Operations Maintenance Board (COMB), and Reclamation staff's have worked diligently to provide these up-to-date documents. However, because of the breadth and extent of material covered in the binder, fully up-to-date documentation still remains to be completed on some topics. Reclamation remains committed to providing this documentation, and will continue to work with CCRB and COMB staff to that end. In the future, as substantive documentation is completed, it will be provided to NMFS. If the format used in the binder for reporting on the Terms and Conditions activities is amenable to NMFS it will be used as a template, which should help speed future reporting to NMFS.

Reclamation appreciates the open dialogue with NMFS staff over the years, and looks forward to continuing a strong working relationship during the Cachuma Project reinitiated consultation. Reclamation considers that the attached submittal thoroughly documents Reclamation's efforts to protect and conserve the endangered southern California steelhead (*Onchorhynchus mykiss*) Distinct Population Segment. This binder will also enhance NMFS knowledge of Reclamation's ongoing efforts in the context of the reinitiated consultation.

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If you have any questions, please contact me at 559-487-5139, or Dr. Ned Gruenhagen, at 559-487-5227, or 800-735-2929 for the hearing impaired.

Sincerely,



David Hyatt
Supervisory Biologist

Enclosure - Binder

cc: Mr. Darren Brumback
National Marine Fisheries Service
501 West Ocean Blvd., Suite 4200
Long Beach, CA 90802
(w/enclosure)

✓ Mr. Timothy H. Robinson, Ph.D.
Sr. Resources Scientist
Cachuma Operation and Maintenance Board
Cachuma Conservation Release Board
3301 Laurel Canyon Road
Santa Barbara, CA 93015
(w/out enclosure)

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**QUIOTA CREEK WATERSHED FISH PASSAGE
ENHANCEMENT PLAN**

**WORKSHOP
for
CACHUMA OPERATION & MAINTENANCE BOARD**

Wednesday, February 16, 2011 at 1:00 p.m.
Cachuma Operation and Maintenance Board Office
3301 Laurel Canyon Road
Santa Barbara, CA

AGENDA

1. Call to Order.
2. Overview of the history of Quiota Creek restoration efforts, the context of the Draft Quiota Creek Watershed Fish Passage Enhancement Plan and current status of projects on Quiota Creek.
3. Detailed review of the Draft Quiota Creek Watershed Fish Passage Enhancement Plan.
4. Recommendation for COMB to receive the Quiota Creek Watershed Fish Passage Enhancement Plan.
5. Discussion of the process to complete the remaining Quiota Creek projects.
6. Adjournment.

[This Agenda was Posted at 3301 Laurel Canyon Road, Santa Barbara, CA
and Noticed and Delivered in Accordance with
Section 54954.1 and .2 of the Government Code.]

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Public Forum Meeting
February 3rd, 2010
1:00 pm - 3:30pm
SLO Library Conference Room
995 Palm Street, San Luis Obispo

DRAFT AGENDA

1. Welcome and introductions (15 min.)

2. Improving and Strengthening your Fisheries Restoration Grant Program (FRGP) Project Proposal (60 min. plus Q/A)

Nica Knite is Program Manager at California Trout and our region's California Department of Fish and Game's (DFG) Fisheries Restoration Grant Program (FRGP) Peer Review Committee (PRC) member. Nica will discuss the PRC's function and provide advice, insights, and recommendations for submitting a superior project proposal.

3. A Survey of the Fisheries Restoration Grant Program (FRGP) Peer Review Committee (PRC) Process (30 min. plus Q/A)

Cameron Benson, City of Santa Barbara's Creeks Division Manager, has attended several PRC meetings in Sacramento. He will lend a hand in clarifying the purpose of the Fisheries Restoration Grant Program (FRGP) Peer Review Committee (PRC) and their role in scoring projects and in establishing grant funding priorities.

4. A Closer Look at the Americorps Watershed Stewards Program (15 min.)

Americorp WSP member will discuss the range of experiences they have had to contribute their talents to local non-profit groups and agencies. They will give an update on how other TCFT participants could benefit from the program and how to apply for next year's WSP members.

5. Update on 2011 Salmonid Restoration Federation Conference (15 min)

Freddy Otte, City of San Luis Obispo, will discuss the agenda and opportunities for TCFT participants to make an impression at this year's Poster Session.

6. Next Public Forum Meeting: Tentatively in June

Location: Ventura

MISSION STATEMENT: *To work with federal, state, and local agencies and non-governmental groups to secure funding and execute projects in support of salmonid recovery and habitat enhancement, improve information about restoration and recovery activities, and enhance public understanding and support for such actions.*

www.fishteam.org

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TCFT Spring Forum Minutes- February 3rd, 2010



Welcome and Introductions: Steph welcomed and thanked everyone for attending the TCFT Spring Forum. Introductions were made around the room and included those who could not attend but called-in from various locations.

Improving and Strengthening your Fisheries Restoration Grant Program (FRGP) Project Proposal
Nica Knite is Program Manager at California Trout and our region's California Department of Fish and Game's (DFG) Fisheries Restoration Grant Program (FRGP) Peer Review Committee (PRC) representative. She is one of four representatives for the coastal southern region of the State. The other representatives are Gary Ball (agriculture rep.), Chip Wullbrandt (water agency rep.), and Santa Barbara County Supervisor Salud Carbajal who will be represented by his administrative secretary, Eric Friedman. Nica remarked that she was there not to provide a presentation but to initiate a dialogue. She encouraged members of the audience to ask questions. Nica acknowledged that the Fisheries Restoration Grant Program (FRGP) is unwieldy and complicated. Her hope for today is to provide FRGP applicants with a greater understanding and how to best navigate through the PSN application process.

Nica stated that she has worked for Cal Trout, an organization that has been improving fisheries for forty years. Nica explained that in the last 15 years, she has submitted over a dozen proposals and maybe only half of them have gotten funded. She also mentioned that Tom Weseloh, Cal Trout's North Coast Program Manager has been on the PRC for several years and still doesn't always get funding. Being a PRC representative does not give you a guarantee for funding. The best way to get funding is to have the right approach and to carefully think through your application.

Who makes up the PRC?

- The Peer Review Committee (PRC) is made up of 14 representatives from throughout coastal California.
- Seven of the PRC representatives are recommended by the California Advisory Committee on Salmon and Steelhead Trout. These members are usually involved in fisheries restoration and/or salmon advocacy groups.
- Four of the PRC representatives signify certain interests - the agriculture industry (those who want and need water to survive), the timber industry, public water agency interest (responsible for the management of water), and one academic or research scientist (they usually have a PhD/expertise in anadromous fish or fisheries restoration).
- Three representatives are coastal county supervisors (agency perspective).
- Every Peer Review Committee member reads all the applications, unless there is a conflict in interest and then you cannot score or even give comment.

Questions:

How does geographic distribution of the PRC get decided?

Nica Knite - In the past, State and Federal resources were more focused on the northern part of the State. The technical teams seemed more bent on funding projects for the northern salmon. But since the late 1990's, the Southern steelhead has gotten more attention. There has been more momentum to fund the southern regions of the State. There is still not a 50-50 balance. Nica continued to say the FRGP is an unparalleled and adaptive program. Every year the DFG takes into account what has been going on all the coastal California watersheds. This is why the PSN gets restructured and adjusted

every year. The PSN shows us the focus areas, geographically where and what type of projects the DFG would like to see done.

In regards to the PRC meeting, Nica mentioned that each PRC representative has their own deposition, personality, and perspective but every submittal is thoroughly reviewed. Even people who are not plugged in have a chance to get funded, if they have a compelling proposal. Being on the PRC gives one a great opportunity to meet, in person, with others across the State. It is vital that the people doing the groundwork communicate with the PRC representatives. This information gets shared and everyone gets a better understanding of what projects are happening. This is of great benefit to project applicants.

Nica mentioned that PRC relies heavily on the TRT (Technical Review Team). Each application comes with TRT notes clarifying the details of the project. The TRT know the particulars of various projects - the watershed, the partnerships, and have been on site visits. The PRC is made up of variety of people but many of them do not understand the biological and/or engineering aspects of a project. The TRT is there to make clear these types of details.

The Rules for Every Application

- Make sure your message/application is as **clear, concise, and compelling** as possible. Build a complete and compelling project description and frame of reference. After deliberation, the PRC and TRT (Technical Review Team) should without difficulty know the what and how of the project. Clearly explain why of the project is important.
- Include the details so that PRC representative has less of a need to look outside for details and reference.
- Know your audience- In every PSN document there is a description of who makes up the PRC and what they are looking for in a project proposal.
- Read every page of the PSN document with a highlighter. Write notes in margins.
- Look and know the scoresheets for both the TRT and PRC. These scoresheet are used to evaluate specifics of each project. Look at the questions and its weight (%) in regards to the total score. An example of these scoresheets is included in the PSN document in Section D, pp.22. Also, be aware that each project type has a different scoresheet. HI (instream habitat) has different criteria than PI (public involvement) project.
- There is one question that is the same for each project type - Community and Partner Involvement. This topic is not asked about in the body of the application but yet is 20% of the total score. TIP* - When filling out the application, include your partners in Section 6, Item 7 titled Other Products and Results. This is where you include project partners or any type of community involvement. Again, look at the PRC scoresheet and answer these questions.

Questions:

Where is this? Where do we include the project partner's involvement?

Nica Knite - This is Section 6, Item 7 of the application. Look over Section D of the PSN document. There are the TRT scoresheets for each project type. And on the last page (D-22) is the scoresheet the PRC uses. It is more general than the TRT scoresheet but you need to know this information.

Scoring of Proposals

- Nica stated the PRC gets a score from the TRT. The TRT scores are kept and recorded.
- Each proposal is then scored by each individual PRC representative. The PRC then asks the TRT any clarifying questions. There is vigorous discussion and scrutiny of each project proposal. A PRC score can stay the same but usually (about 30% of the time) a score gets revised after discussions with the TRT.

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The PRC scores are normalized and these final scores rank the proposals. They are ranked from 1-150 (or so) until the funding runs out. There is a distinct funding line.

- This list is then given to the director. The director has the final say.
- This way the PRC process has a built-in check and balances.

Questions:

Steph Wald (CCSE) In regards to federal and state funding, does the TRT and PRC look at how the soft match is applied?

Nica - This is part of the review and evaluation, how much money is being brought in to match. But small projects get scored well as well.

Margaret Paul- We are not using State/Federal money for our program. The State matches the federal money. \$10,000 match from another state, \$25,000 match from NOAA and \$35,000 match in hard or soft cost share depending on timing or in-kind services. The match has to be real, you need to certify where the match comes from and in what category. But matching does not affect the ranking.

Nica - In Section D-3, there is a funding matrix for applicants to use. But it is not just about cost share, applicants should use the scoring matrix. The TRT have a different score for funding than the PRC. But the PRC considers cost-effectiveness, market value of work, cost share sources, and status of the project. The PRC takes seriously what the match is, we want to see the biggest bang for the buck. There is a lot of discussion and scrutiny on what and how the dollars are spent. What does the money actually provide for the watershed and the fisheries? For example, if a project has administration costs of \$7000 and this includes attorney fees of \$150/hr, it will not fly.

Nica continued to say that the TRT is very familiar with the past, completed projects as well as the new project proposals. This local knowledge and ground-truthing is applied to the applications. She also mentioned that the South Coast (from San Luis Obispo to San Diego) has its own regional pocket. Nica declared it would be very advantageous for groups in the same region to partner together. This type of partnering will get recognized and stands a better chance of getting funded. The TRT is comprised of DFG and NOAA employees, these people are great resources to find out who and what projects are occurring in your watershed. They will know the organizations, consultants, and engineers working in your watersheds.

In closing, Nica reviewed the rules for every application and wished everyone luck!

Observing the Fisheries Restoration Grant Program (FRGP) Peer Review Committee (PRC) Process
Cameron Benson, City of Santa Barbara's Creeks Division Manager attended last year's PRC meeting held in Davis. It was the first year that the meeting was open to the public. There were rumors that it was finally open to the public because of violation of the Bagley Keene Act. Cameron was one of only three public members, all of whom had applications in.

Painting the Picture of the PRC Meeting

The meeting was held in a typical hotel conference room with U-shaped tables. There were 12 PRC representatives present and some of their staff. Also, the TRT are there to answer any questions.

The PRC chairman talked about the process, the TRT scores, PRC review and scoring. The meeting would take place for two days, 8am to 6pm.

Cameron's First Impressions

Cameron commented that his first impressions of the PRC meeting were very positive. Everyone acted very professionally; the chair did an excellent job of facilitating. Cameron stated that he was really impressed that the 14 PRC representatives. All volunteer their time and all seemed very committed. Each representative had a box filled to the brim with applications. Cameron noted it seemed like a daunting task to read and review each application plus the TRT review sheets. The PRC members seemed very prepared; their applications had notes and questions written in the margins.

The applications are divided into categories/ project type. Each category had a lead member and a co-lead member. The lead was the most knowledgeable about the applications and had already addressed many of the technical questions before the meeting. The lead presents the project to the group and everyone asks questions and comments on it. The dialogue is very engaging and robust. This process happens for each project application.

Budgets

Cameron also observed that the budget is read very thoroughly. The PRC look at every line item and there are numerous questions asked regarding the money needed. The geographic reference is considered as well. If the budget needs to appear and illustrate that the project gets the most it can from the budget it has proposed. Every member gets to talk and everyone is respectful to stay on the point.

Scoring

Cameron mentioned that there was a thorough discussion on scoring rules and criteria. He considered the scoring system very fair and just. Every project got a lot of discussion time and no project seemed short changed. As an applicant and citizen, Cameron was happy to see the fairness and the check and balances of the system. The committee members all seemed open-minded to listening and even though they didn't always agree they were respectful to each other. Cameron was impressed with the candidness and broad base of knowledge each PRC member contributed.

Cameron observed that for the most part the TRT was very helpful in clarifying the details of the projects. He got the feeling the TRT sought success for each project. However, he did sense a bit of tension between the PRC and TRT staff. He noted there were several times the PRC simply needed clarification on an engineering question or score but the answer was not easily given. This seemed like the only strange incident between the PRC and TRT.

Comments:

Margaret Paul (DFG) - The TRT had no one from engineering there. There was no one present to give the technical expertise required to answer these questions.

Nica - The TRT engages in the process the best they can. They work together to assess an application and give applicants feedback on how to make their proposal better. And yes, there was some tension because there was no one there for the engineering questions.

Nica - The make-up of the PRC changes. There are term limits and people of varying background and skills get rotated in.

Cameron - There are two committee members that have been there since its inception, 17 years ago. They contribute institutional knowledge and have experience/history with the projects.

Nica - It is an honor to be there but it is a lot of work, time-wise. She also stressed the importance of having local (southern region) knowledge on the PRC.

Application Breakdown

160 applications at the beginning, 120 reviewed. 40 of the applications were disqualified at administrative review. Cameron stated that he was amazed by the diversity and range of projects.

Conflict of Interest and Geographic Favoritism

Again, Cameron mentioned that he was surprised about the fairness of the process. Several of the PRC members are applicants also, so he suspected there would be cronyism. He stated that if a PRC member's project came up for review that they would need to leave the room. There appeared to be no favoritism. The applications are scored on the merits of the project, not for the people involved. Cameron also expected to see geographic (N v. S) or species favoritism. However, this was not evident to him. In closing, Cameron said it was a fascinating time to observe all the discussion and interactions among people.

A Closer Look at the Americorps Watershed Stewards Project

The Tri- county FISH Team welcomed Carrie Gergits from Fortuna, California. She is Project Manager for the Americorps Watershed Stewards Project.

Who are we?

- **Americorps** - a national service program that provides the opportunity to address community needs in education, public safety, health, and environment.
- **California Conservation Corps** - a workforce program involved in conservation, fire protection and emergency response.
- **Watershed Stewards Project** - a community - based watershed restoration program.

WSP Key Project Partners

- Location along coastal California - Central Coast Salmon Enhancement, CCC's, Mattole Salmon Group, Sonoma Ecology Center plus many more.
- CDFG is an important partner and founder of WSP. Fifty percent of their funding is FRGP.
- Fifty-five WSP corpsmembers serve at 25 placement sites from Oregon border to SLO County

What we do?

A majority of the work we do is watershed recovery and field monitoring.

- Data collection and assessment -habitat typing, water quality monitoring, fish surveys
- Data Analysis and compilation - lab work, grant writing, database entry
- Watershed restoration - re-vegetation, in-stream structures, bank stabilization
- K-12 watershed education (focus on 3rd-5th grade) - teach a series of six different classes
- Community outreach - creek days, field trips, tours
- Volunteer recruitment - get volunteers enraged.

Member Training

- Corpsmembers attend a variety of trainings in technical skills and professional development.
- Developing the next generation of natural resource professional

Service requirements, benefits and service outcomes

- 10.5 month term, min.1700 hours of service
- \$1300/month, \$5300 education award, no-cost medical insurance, professional training and networking
- 55 members for 10.5 months a year. They get a lot done.
- Survey 2500 miles of stream, engage 835 community members, and educate 1, 3000 students.

How to get involved and current placement sites

- Develop partnerships with current placements site located in your watershed
- Or apply to become a placement site.
- Application is available at www.watershedsteward.com. They will be available March 1st, 2011 and are due at the end of March.
- In SLO - SLO Land Conservancy, CCC's, Morro Bay National Estuary Program, and Salmon Enhancement.

Member requirements

- Spend an average of 60% of their time performing watershed recovery activities.
- Must work in FRGP- PSN Focus area.
- Must attend mandatory orientation, training, and service day's events.
- Conduct six lessons, outreach, and complete an Individual Service Project.

Placement sites and mentor requirements

- Attend annual WSP mentor training.
- Complete placement site orientation.
- Mentor/member agreement.
- Monthly timesheets, evaluations.

Watershed Stewards Program Visioning

- Carrie stated they have an intention to expand and to develop partnerships with organizations/ agencies south of San Francisco. Coastal locations eligible for FRGP funding.
- Place members with organizations/ agencies in communities that benefit from the WSP work in watershed recovery.

Questions:

What is the cost to the mentor group?

Carrie - For non-profit organizations it is a sliding scale and for other agencies different prices. It's about \$5,000 per member.

Steph Wald (CCSE) - But you can do what we have done. We have shared the fees and shared the WSP members amongst different mentors

Carrie mentioned that four alumni as well as three current WSP corpsmember were attending the meeting today. These alumni expressed how fun the program was and how amazingly everyone works together. They learned a great deal about restoration and fisheries due to the broad spectrum of activities and field studies. Plus, the networking has been invaluable. A corpsmember is instantly plugged in to all the people doing the work. Afterwards, you can take it in a variety of directions.

Meredith Hardy (CCC) - There is such a variety of experiences that they can put on their resume. They can move from here to working for an agency or office.

Anna Halligan (MBNEP) - These WSP have been a major help to the Morro Bay National Estuary Program.

Meredith Hardy (CCC) - They are very valuable with any type of assessment or collection of data.

Steph - I have worked with all kinds of interns but the WSP's are high quality and qualified. I go to meetings with Aristotle and I have an engineer, right there as a resource.

Carrie - Well, as you can see the program receives positive feedback and that is why we are trying to expand the program southwards.

Nica - I know of several project sites that I would love to enlist the help of the WSP. But they are in San Diego?

Carrie - If the application is strong that should be no problem. This depends on the expertise of the mentor, the activities and tasks that would be performed, and in what watershed. We have been trying to expand and fill the gaps. C

Update on 2011 Salmonid Restoration Federation Conference

Freddy Otte from the City of San Luis Obispo stated that there are posters and brochures available for the Salmonid Restoration Federation (SRF) Conference. The conference will be held at the Veteran's Memorial Center in San Luis Obispo on March 23-26. Freddy also mentioned that there is still room for the Poster Session to be held on Friday night. There is usually no deadline for this, they usually have room and can rearrange the tables to accommodate everyone.

In Closing

Steph thanked everyone for presenting and attending the TCFT forum. She stated that she has been applying for the FRGP grants for 8years now and is still learning how the program works and how each project is evaluated. She mentioned that today's discussion has been valuable to everyone.

Next Public Forum Meeting: Tentatively in June

Location: Ventura

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Kate Rees

From: Naftaly, Matt [Mnaftal@cosbpw.net]
Sent: Wednesday, February 09, 2011 5:07 PM
To: (callen@vvcasd.org); kazoury@goletasanitary.org; John L. Brady; TConti@SantaBarbaraCA.gov; Chris Dahlstrom (cdahlstrom@syrwd.org); Drew S. Dudley; BFerguson@SantaBarbaraCa.gov; Frye, Jon; rgaglione@cityofgoleta.org; charles@cwvd.net; Hillary Hauser (hillary@healtheocean.org); Hess, Rose; skahn@ci.santa-maria.ca.us; Craig Murray (CraigM@carpsan.com); (mnation@goletawest.com); Kate Rees; Teresa Reyburn; 'Terri Stricklin, Hitching Post'; 'Chris Rich'; 'Dennis Delzeit (delzeit@charter.net)'
Cc: Susan Segovia (s_segovia@ci.lompoc.ca.us); bradv@cityofsolvang.com; Steve Wagner (swagner@cityofgoleta.org); Bruce A. Wales Ph. D. (bwales@syrwcd.com); Kathleen Werner (kwerner@goletasanitary.org); Wilder, Marty; ccsd@inreach.com; 'Erin Maker (erinm@ci.carpinteria.ca.us)'; 'Steve Thompson (citymanager@cityofbuellton.com)'; 'Jane Gray'; Hogan, Lynn; Stewart, Bret; Fayram, Tom
Subject: Prop 84 - Budget and Invoice
Attachments: P84Status020811.pdf

Partners and Proponents -

The Prop 84 process is now at a pause during which we are waiting for confirmation of our planning grant award and to find out if our implementation application will be accepted for funding. The attached spreadsheet shows the accounting to date. Recall that only those agencies submitting projects for funding are responsible for the implementation application costs and that the Water Agency pays 50% of other costs.

Those seeking funding for implementation projects owe additional funds as indicated on the attachment. The application process was significantly more complicated than anticipated. The group opted to add "stand alone" studies to the IRWMP at additional cost to all participants, and some implementation projects required an inordinate amount of attention throughout the application process.

Those agencies with an outstanding balance will receive an invoice from the Water Agency in the coming weeks. Additional, limited County staff time expenditures will accrue as we follow the DWR process and prepare to complete an updated MOU for the next phase of the IRWMP.

We will soon schedule a Cooperating Partners meeting to discuss issues related to the grant and awards.

Thank you for your continued participation. Let me know if you have any questions.

Matt Naftaly
Santa Barbara County Water Agency
Water Agency Manager
(805) 568-3542

Basis for Percentage Distribution					
	Region Population	% based on Population	% as distributed by region	Imp Grant Request Amt	% Grant Req.
Buellton	4,000	0.39	0.39		
Carp. SD	18,685	1.82	0.61		
Carp. Valley WD	18,685		0.61		
City of Carpinteria	18,685		0.61		
Goleta Sanitary District	85,000	8.26	2.07	\$521,286	17.38
Goleta WD	85,000		2.07		
Goleta West SD	85,000		2.07		
City of Goleta	85,000		2.07	\$1,202,286	40.08
City of Guadalupe	6,613	0.64	0.64	\$71,286	2.38
City of Lompoc	39,055	3.80	3.80	\$171,286	5.71
City of SB	94,094	9.15	9.15		
City of Santa Maria	91,115	8.86	8.86	\$712,572	23.75
Casmalia CSD	91,115		0.00		
Cuyama CSD	91,115		0.00		
SMVWCD	91,115		0.00		
Solvang	5,434	0.53	0.53		
Santa Ynez WCD ID#1	8,298	0.81	0.61		
SYRWCD	8,298		0.20		
Vandenberg	5,802	0.56	0.56		
Entities with shares determined by a non-population formula below this line					
Laguna SD ²⁾	NA	1.69	1.69		
CCRB	NA	2.50	2.50		
CCWA	NA	2.50	2.50	\$321,286	10.71
COMB	NA	2.50	2.50		
TMA ²⁾	NA	1.00	1.00		
SBFCD	NA	5.00	5.00		
Heal the Ocean ¹⁾	NA	NA	NA	NA	NA
Water Agency		50.00	50.00		
Totals		100.00	100.00	\$3,000,002	100

% to distribute	34.81
Total Pop to be distribute	358,096

	Paid Since MOU 1	Actual Imp. App Expenses	Actual Plan. App. Expenses	Actual General Expenses	Total Expenses Applications	Balance before carry over	Carryover Expenses as of 8/1/2010	Balance through End of Application Phase
Buellton	\$1,204	\$0	\$542	\$174	\$716	\$488	155	\$333
Carp. SD	\$1,874	\$0	\$843	\$272	\$1,115	\$759	242	\$517
Carp. Valley WD	\$1,874	\$0	\$843	\$272	\$1,115	\$759	242	\$517
City of Carpinteria	\$1,874	\$0	\$843	\$272	\$1,115	\$759	242	\$517
Goleta Sanitary District	\$51,847	\$53,810	\$2,877	\$927	\$57,614	-\$5,767	\$825	-\$6,592 P
Goleta WD	\$6,394	\$0	\$2,877	\$927	\$3,804	\$2,580	825	\$1,765
Goleta West SD	\$6,394	\$0	\$2,877	\$927	\$3,804	\$2,580	825	\$1,765
City of Goleta	\$114,814	\$124,107	\$2,877	\$927	\$127,911	-\$13,097	\$825	-\$13,922 P
City of Guadalupe	\$7,727	\$7,359	\$895	\$288	\$8,542	-\$815	\$257	-\$1,072 P
City of Lompoc	\$22,542	\$17,681	\$5,287	\$1,703	\$24,672	-\$2,130	\$1,517	-\$3,647 P
City of SB	\$28,312	\$0	\$12,738	\$4,104	\$16,842	\$11,470	\$3,654	\$7,816
City of Santa Maria	\$81,528	\$73,556	\$12,335	\$3,974	\$89,865	-\$8,337	\$3,538	-\$11,875 P
Casmalia CSD	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cuyama CSD	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SMVWCD	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Solvang	\$1,635	\$0	\$736	\$237	\$973	\$662	\$211	\$451
Santa Ynez WCD ID#1	\$1,997	\$0	\$850	\$274	\$1,123	\$874	\$244	\$630
SYRWCD	\$500	\$0	\$279	\$90	\$369	\$131	\$60	\$51
Vandenberg	\$1,746	\$0	\$785	\$253	\$1,039	\$707	\$225	\$482
Entities with shares determined by a non-population formula below this line								
Laguna SD ²⁾	\$5,266	\$0	\$2,354	\$758	\$3,112	\$2,154	\$675	\$1,479
CCRB	\$7,800	\$0	\$3,482	\$1,122	\$4,603	\$3,197	\$999	\$2,198
CCWA	\$34,122	\$33,165	\$3,482	\$1,122	\$37,768	-\$3,646	\$999	-\$4,645 P
COMB	\$7,800	\$0	\$3,482	\$1,122	\$4,603	\$3,197	\$999	\$2,198
TMA ²⁾	\$4,890	\$0	\$1,393	\$449	\$1,841	\$3,049	\$399	\$2,650
SBFCD	\$15,600	\$0	\$6,963	\$2,243	\$9,207	\$6,393	\$1,997	\$4,396
Heal the Ocean ¹⁾	NA	NA	NA	NA	NA	NA	NA	NA
Water Agency	\$98,062	\$0	\$69,634	\$22,433	\$92,067	\$5,995	\$19,974	-\$13,979
Totals	\$505,802	\$309,678	\$139,273	\$44,867	\$493,818	\$11,984	\$39,949	-\$27,965

* Colors indicate cooperating regions

1) "In Kind" Contribution as provided for by MOU

2) New Participant as of MOU 2

"P" Indicates that Agency is applying for an Implementation Project Grant

Kate Rees

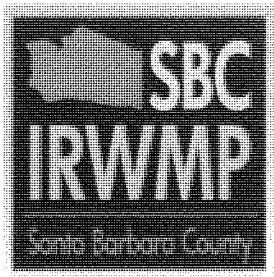
From: Jane Gray [jgray@dudek.com]
Sent: Wednesday, February 23, 2011 4:03 PM
To: Jane Gray
Subject: FW: Planning Grant Funding-SANTA BARBARA REGION RECEIVED ITS FULL FUNDING REQUEST FOR THE 2012 IRWM PLAN!!!!
Attachments: [DWR_IRWM_Info] Round 1 IRWM Planning Grant Comments and Awards; image003.jpg; image004.png; image002.gif

Greetings IRWMers,

Please see the link below to the DWR page. Final Planning Grant Awards have been approved and the Santa Barbara Region will receive its full request for \$555,737. Stay tuned for upcoming workshops so that you can all become involved!

Jane Gray

DUDEK



From: Moniz, Brian [mailto:bmoniz@water.ca.gov]
Sent: Wednesday, February 23, 2011 15:55
To: Jane Gray; mnaftal@cosbpw.net
Subject: Planning Grant Funding

Good Afternoon.

I wanted to give you the heads up that the final funding recommendations for the Planning Grants are now available on the DWR website. Congratulations!

http://www.water.ca.gov/irwm/integregio_planning.cfm

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**Santa Barbara County Parks Department
Cachuma Lake Recreation Area**

**Summary of Aquatic Nuisance Species Vessel Inspection Program
and Early Detection Monitoring Program: January 2011**

VESSEL INSPECTIONS/Launch Data:

Santa Barbara County Parks -- Cachuma Lake Boat Launch Data -- January 2011		
Inspection Data		
Total Vessels entering Park	669	
Total Vessels launched	665	
Total Vessels Quarantined	4	1%
Returning with Boat Launch Tag	584	88%
Arriving new: Inspected, washed	85	13%
4-stroke engines	269	40%
2-strokes, w/CARB star ratings	131	20%
2-strokes, no emissions ratings	269	40%

Quarantine Data		
Total Vessels Quarantined	4	
Quarantined 7 days	2	
Quarantined 14 days	2	

Quarantine Reasons -- May be several for 1 boat		
Water in bilge	2	
Debris on hull	0	
Plug installed	0	
From infected area	1	
Ballast tanks	0	
Boat longer than 24 feet	0	
Out-of-state	0	
Unspecified	0	

Demographic Data		
Quarantined from infected areas	1	0%
Quarantined from SB County	4	

Boat Launch Tags: Boats with Cachuma Lake Boat Launch Tags attached to boat and trailer. These boats have not been removed from trailer since last visit to lake and are not subject to inspection or decontamination. No mussel species have been located on any vessel entering Cachuma Lake as of January 31, 2011

CACHUMA LAKE QUAGGA SURVEY

Summary: No Dreissenid mussels were detected
 Inspection site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time : 2011.01.13; 09:00 – 12:30 PDT
 Method: 14 PVC/Cement/Plastic Mesh Sampling Stations; 394 linear feet of line
 Surveyors: Carrie Culver (Sea Grant), Liz Gaspar & Melissa Kelly, (SB County Parks),
 Lake Elevation: 745.06 from maximum of 753 feet

Prepared by Liz Gaspar, Park Naturalist, Cachuma Lake Recreation Area, Lgaspar@sbparks.org

Cachuma Lake Marina Monthly Quagga Survey: Sampling Station Details

Inspection Date: 2011.01.13

Inspection Time: 0900-1230

Lake Elevation from max 753 feet = 745.06

Surveyors: Liz Gaspar & Melissa Kelly, SB County Parks

Station #	Location/Description	Stn Type	Lake Depth Meters	Anchor/Line Depth Meters	Tuff/Plate Depth Meters	Secchi Depth & Temp Deg F @ 3 Meters	NOTES: Dr. Carrie Culver not present. Tuffies not collected; temperature/light data loggers not checked.	Mussels?	Stn #
Station 1	Boathouse, left middle ramp	Horizontal: 4 m line, 1 tuffy, 1 plate set	8'	.5 m	.5 m	2.1 m on bottom; 55 F 12.78 C	Line, knots, Tuffies, plate sets, blocks checked. Samples: none Organisms: Rope: 2 physella; low opaque egg cases (OEC), 1 sponge. Plates: low amphipods Algae: none	No	Stn 1
Station 2	Logboom platform at entrance, south east corner.	Vertical: Anchor, Tuffy, plates	30'	12 m	6 m	2.35 m 55 F 12.78 C	Line, knots, Tuffies, plate sets, blocks checked. DID NOT Download temp/light data from 3 loggers at 10', 20', 30' Samples: none Organisms: none on rope, plates or block Algae: mod on rope	No	Stn 2
Station 3	Logboom platform at entrance, north west corner	Vertical: Anchor, Tuffy, plate set	125'	12 m	6 m	2.35 m 55 F 12.78 C	Line, knots, Tuffies, plate sets, blocks checked. Samples: none Organisms: none Algae: mod	No	Stn 3
Station 4	Logboom platform at entrance, under platform.	Horizontal: 4 m line, 1 tuffy, 1 plate set	125'	.5 m	.5 m	2.35 m 55 F 12.78 C	Line, knots, Tuffies, plate sets checked. Samples: Organisms: none Algae: mod	No	Stn 4
Station 5	N logboom, 13th log from S end, attached to chain at middle	Vertical: Anchor, 1 Tuffy, 1 plate set	125'	12 m	6 m	2.5 m 55 F 12.78 C	Line, knots, Tuffies, plate sets, blocks checked. Samples: 0 Organisms: Rope: 15 Physella, moderate EC. Plates: 2 Physella, low EC Block: clean Algae: heavy	No	Stn 5
Station 6	N logboom, 14th log from S end, attached to chain on NE side, west end.	Vertical: Anchor, 1 Tuffy, 1 plate set	127'	12 m	6 m	2.5 m 55 F 12.78 C	Line, knots, Tuffies, plate sets, blocks checked. Samples: 0 Organisms: none on rope, plates or block Algae: none	No	Stn 6

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Station #	Location/Description	Stn Type	Lake Depth Meters	Anchor/Line Depth Meters	Tuffly/Plate set Depth Meters	Secchi Depth & Temp Deg F @ 3 Meters	NOTES:	Mussels?	Stn #
Station 7	Far N dock at E end; S side; 14th slip from shore	Vertical: Anchor, 1 Tuffly, 1 plate set	47'	12 m	6 m	2.5 m 55F 12.78 C	Line, knots, Tuffies, plate sets, blocks checked. Did not download temp/light data from 3 loggers at 10', 20', 30'. Samples: 0 Organisms: Plates missing. Rope: low OEC Block: low sponge Algae: mod	No	Stn 7
Station 8	Far N dock at middle @ slip 10/12	Horizontal: 4 m line, 1 tuffly, 1 plate set	43'	.5 m	.5 m	2.5 m 55F 12.78 C	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: Rope: low OEC Plates: clean Algae: low	No	Stn 8
Station 9	Middle dock at E end	Vertical: Anchor, 1 Tuffly, 1 plate set		12 m	6 m	2.0 m 54F 12.2 C	Line, knots, Tuffies, plate sets, blocks checked. Samples: 0 Organisms: Rope: low OEC Plates: clean Block: clean Algae: low	No	Stn 9
Station 10	Middle dock at W end; slip 11 & 40	Horizontal: 4 m line, 1 tuffly, 1 plate set	43'	.5 m	.5 m	2.2 m 55F 12.78 C	Line, knots, Tuffies, plate sets, checked. Samples: 0 Organisms: Rope: clean Plates: clean Algae: low	No	Stn 10
Station 11	Fuel Dock @ far E end	Vertical: Anchor, 1 Tuffly, 1 plate set	45'	12 m	6 m	2.2 m 54F 12.2 C	Line, knots, Tuffies, plate sets, blocks checked. Samples: 0 Organisms: Rope: low OEC Plates: low OECs (OEC), 1 midge larvae. Block: clean Algae: mod	No	Stn 11
Station 12	Fuel Dock W end strung diagonally under gas pump platform	Horizontal: 4 m line, 3 tuffly, 3 plate set	34'	.5 m	.5 m	1.9 m 55F 13C	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: Rope: 1 Helisoma snail, 2 Physella snail, low OEC, low multi-nucleate egg case (MNEC). Plates: low amphipod egg case, corbicula clam 1/2 shell 3mm Algae: none	No	Stn 12
Station 13	North Launch Dock E end	Horizontal: 4 m line, 1 tuffly, 1 plate set	10'	.5 m	.5 m	2.1 m 54 F 13 C	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: Rope: 1 rice grain EC, low midge larvae, OEC. Plates: low midge larvae, low OEC Algae: low	No	Stn 13
Station 14	South Launch Dock E end	Horizontal: 4 m line, 1 tuffly, 1 plate set	10'	2 m	.5 m	2.1 F 54 F 13 C	Line, knots, Tuffies, plate sets, checked. Samples: 0 Organisms: Rope: low OEC. Plates: low midge larvae, low amphipods Algae: low	No	Stn 14

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UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CACHUMA PROJECT-CALIFORNIA

FEBRUARY 2011

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: February 23, 2011

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	CCWA INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.				EVAP		PRECIP INCHES	
		ACRE-FEET IN LAKE	CHANGE				TUNNEL	HILTON CREEK	OUTLET	SPILLWAY	AF.	INCH		
1	746.17	175,558												
1	746.22	175,701	+143	185.2	42.1	.0	57.7	11.6	.0	.0	15.0	.082	.00	
2	746.26	175,815	+114	151.3	42.1	.0	51.0	11.6	.0	.0	16.8	.092	.00	
3	746.30	175,930	+115	147.3	42.0	.0	47.0	11.7	.0	.0	15.6	.085	.00	
4	746.34	176,044	+114	148.0	42.0	.0	49.1	11.7	.0	.0	15.2	.083	.00	
5	746.37	176,130	+86	115.1	42.0	.0	46.4	11.9	.0	.0	12.8	.070	.00	
6	746.40	176,216	+86	168.1	17.0	.0	63.6	12.0	.0	.0	23.5	.128	.00	
7	746.42	176,273	+57	146.8	0.0	.0	57.3	12.0	.0	.0	20.5	.112	.00	
8	746.44	176,330	+57	147.7	0.0	.0	56.5	12.0	.0	.0	22.2	.121	.00	
9	746.45	176,359	+29	127.2	0.0	.0	60.5	12.0	.0	.0	25.7	.140	.00	
10	746.46	176,387	+28	119.8	0.0	.0	58.9	12.0	.0	.0	20.9	.114	.00	
11	746.47	176,416	+29	144.1	0.0	.0	78.0	12.0	.0	.0	25.1	.137	.00	
12	746.47	176,416	+0	112.9	0.0	.0	79.8	12.0	.0	.0	21.1	.115	.00	
13	746.48	176,444	+28	113.1	0.0	.0	49.4	12.0	.0	.0	23.7	.129	.00	
14	746.50	176,502	+58	124.3	0.0	.0	40.5	12.0	.0	.0	13.8	.075	.00	
15	746.51	176,530	+28	93.9	0.0	7.1	59.3	12.0	.0	.0	1.7	.009	.03	
16	746.54	176,616	+86	158.2	0.0	11.9	60.5	12.0	.0	.0	11.6	.063	.05	
17	746.58	176,730	+114	129.1	0.0	47.7	33.5	12.0	.0	.0	17.3	.094	.20	
18	746.63	176,873	+143	160.5	0.0	28.6	30.7	12.1	.0	.0	3.3	.018	.12	
19	746.82	177,416	+543	189.3	0.0	422.7	31.3	12.0	.0	.0	25.7	.140	1.77	
20	746.98	177,874	+458	393.9	0.0	117.2	33.8	11.9	.0	.0	7.4	.040	.49	
21	747.10	178,219	+345	409.8	0.0	.0	39.2	12.0	.0	.0	13.6	.074	.00	
22	747.19	178,478	+259	318.4	0.0	.0	39.6	11.9	.0	.0	7.9	.043	.00	
23	747.26	178,680	+202	270.9	0.0	.0	40.8	12.0	.0	.0	16.1	.087	.00	
TOTAL (AF)			+3,122	4,074.9	227.2	635.2	1,164.4	274.4	.0	.0	376.5	2.051	2.66	
(AVG)		176,712												

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION MINUS PRECIP ON THE RESERVOIR SURFACE AND CCWA INFLOW.

DATA BASED ON 24-HOUR PERIOD ENDING 0800.

INDICATED OUTLETS RELEASE INCLUDE ANY LEAKAGE AROUND GATES.

FYI

DEPARTMENT OF CALIFORNIA HIGHWAY PATROL

4115 Broad Street, Suite B-10
San Luis Obispo, CA 93401
(805) 549-3261
(800) 735-2929 (TT/TDD)
(800) 735-2922 (Voice)



January 27, 2011

RECEIVED

File No.: 701.10916.11507

FEB 02 2011

CACHUMA O&M BOARD

Lauren Hanson, President of the Board
Cachuma Operation and Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

Dear President Hanson:

Thank you for your letter, dated January 10, 2011, concerning your concurrence with the County of Santa Barbara's request for the Department of California Highway Patrol (CHP) to enact administrative procedures to restrict the transportation of hazardous materials on California State Route 154 (SR-154). The CHP is continuing the process of ensuring the requirements of California Vehicle Code section 31304(a)(4) are met.

We will continue to use our available resources to promote safe driving on SR-154 and appreciate your support in making SR-154 safer.

If I can be of any further assistance to you, please do not hesitate to contact Assistant Chief Scott Howland at (805) 549-3261.

Sincerely,

A handwritten signature in cursive script that reads "Adam Cuevas".

A. S. CUEVAS, Chief
Coastal Division



PUBLIC WORKS DEPARTMENT

123 E. Anapamu St. • Santa Barbara, CA 93101
(805) 568-3000 • FAX (805) 568-3019
www.countyofsb.org/PWD

P R E S S R E L E A S E

News Media Contact:
Cinnamon McIntosh
Public Information Official
Public Works – Water Agency
(805) 568-3541

PWWA112231
Thursday, February 17, 2011
FOR IMMEDIATE RELEASE

New Water Resources of Santa Barbara County Video

Beginning Monday, February 21, 2011, the new informational video “**Water Resources of Santa Barbara County**” will be airing on County TV CSBTV20 every evening this week at 7:00 PM. After Friday, February 25, 2011, check the County TV CSBTV20 schedule for air dates. The “Water Resources of Santa Barbara County” video is also available on YouTube at <http://www.youtube.com/user/CSBTV20#p/a/u/1/BFI4WdQwNjE> and on the www.Countyofsb.org homepage.

The twenty-one minute video introduces viewers to the diverse water supplies present in Santa Barbara County through interviews, images, and narration.

Topics include: History, Climate, Local Groundwater Basins, Local Reservoirs, Cloud Seeding, State Water Project, and Water Conservation.

Interviewees include: Roberta Cordero from the Chumash Maritime Association, local water expert Larry Farwell, Alison Jordan and Cathie Pare from the City of Santa Barbara, Kate Rees from the Cachuma Operation and Maintenance Board (COMB), Tim Robinson from the Cachuma Conservation Release Board (CCRB), Rick Sweet from the City of Santa Maria, Matt Naftaly from the Santa Barbara County Water Agency, and Tom Fayram from County of Santa Barbara Water Resources.

Background locations include: Hendry’s Beach, Lake Los Carneros, Lake Cachuma/Bradbury Dam’, Santa Maria agricultural fields, and the Cuyama River.

Santa Barbara County has a diverse water portfolio with the majority of water being drawn from local groundwater basins and reservoirs. While each water provider is working with a unique set of circumstances, the “Water Resources of Santa Barbara County” video provides a solid basis for the public’s understanding of the dynamic water supply issues present in our local communities. Due to our variable climate, understanding and valuing our local water supplies is an important factor to wise water consumption year round. Including the latest information on indoor and outdoor water conservation, this video enables water users to be smart about their water use choices.

Please look for the “Water Resources of Santa Barbara County” video all this week at 7:00pm on County TV’s CSBTV20, on You Tube at:

<http://www.youtube.com/user/CSBTV20#p/a/u/1/BFI4WdQwNjE>, and also on the www.Countyofsb.org homepage.

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Angler regaled generations in Santa Barbara

L.A. Times - V FEB 21 2011

STEVE CHAWKINS

For Neal Taylor, fishing wasn't limited to weekends or, for that matter, water. On one of Santa Barbara's busiest streets, the seven-time national casting champion showed a friend just how it's done, lofting his line into an intersection when the light turned red and yanking it back when traffic resumed.

"I thought, this guy is really funny," said Bob Nunez, a dentist and one of Taylor's closest fishing buddies. "I thought, I love this guy."

Taylor died Tuesday at his Santa Barbara home. He was 78 and, according to family members, had congestive heart failure.

Just days before his death, he was distributing posters for an upcoming trout derby at Lake Cachuma, a Santa Barbara County mountain reservoir where, from boats plying quiet coves, he taught countless neophytes the joys of the outdoors.

"There are 4,000 school kids who would come through on field trips every year, and he regaled them with tales," said his wife, Linda. "There are so many people around town who'd come up to him and say, 'I remember you from that boat trip when I was 5' — and these are people whose kids are taking the same trip now."

As much a showman as he was an angler, Taylor could cast into a crowd and knock the ash off a cigarette at 30 yards or plant his line in an unsuspecting coffee drinker's cup. He honed his theatrical skills wherever there was an audience eager to plumb the psyche of a trout: UCLA, UC Santa Barbara and the Lake Cachuma booth at the Fred Hall Show, an annual fishing-tackle extravaganza.

"He'd just sucker people in with these hilarious stories that always began, 'You know, there was this time when...'" said Brian Roney, deputy director of the Santa Barbara County Parks and Recreation Department. "He was really the face of Cachuma."

A big man with a striking resemblance to comedian Jonathan Winters, Taylor could spin tales so masterfully that pals on fishing trips would immediately ask to hear them again. Some were bawdy stories perfect for a Montana campfire, but he also gave a natural actor's intensity to great moments from a life with fishing at its heart.

Taylor helped Jimmy Carter read a trout stream, figuring out just where and when the fish were likely to bite.

He taught Nancy and Ronald Reagan how to cast on a pond at their ranch near Santa Barbara.

When he was an Air Force recruit, he was summoned by his commander in chief — President Eisenhower — for a few days of instruction on the Platte River in Colorado.

When Ike slumped over as the two were watching a sunset, Taylor, alarmed, asked what was wrong.

"There isn't a day I don't think about those young men at Normandy," Eisenhower replied.

Taylor was born Sept. 17, 1932, in Pasadena and was raised near Santa Barbara in Summerland, where his father, Walter Taylor, ran a store.

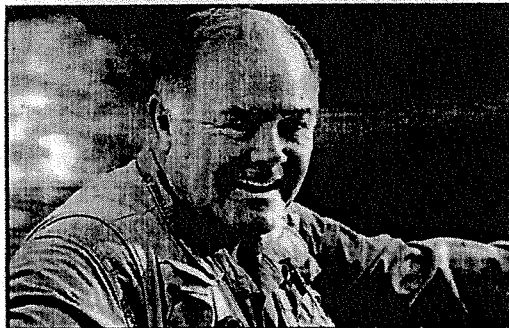
Walter, who would fish with his writer friend Zane Grey, passed his



Photographs by AL SEIB Los Angeles Times

TEACHING A LOVE FOR THE OUTDOORS

Jennifer Jackson gets an introduction to fly fishing from her grandfather, Neal Taylor, in 1995. Taylor, 78, died in Santa Barbara after spending decades spreading his love for Lake Cachuma.



Neal Taylor was known for his playfulness, such as casting into traffic or offering a recipe for campfire-cooked coot.

passion for the outdoors down to his son.

For most of his career, Taylor sold sporting goods. In 1981, he left a grueling corporate job and moved back to Santa Barbara, where he joined the county parks department as a naturalist at Lake Cachuma.

In 1989, Times hiking columnist John McKinney caught Taylor's "amazing spiel" to passengers on the Cachuma Queen: "At Lake Cachuma, we have seeds that walk, spiders that fly, plants that catch fish and trees that predict rain," Taylor told his audience.

Later in the day he commented

on the coots skittering above the water — "the Rodney Dangerfield of the bird world," he said — and he offered a coot recipe.

The coot must be plucked, he said, and left in a stream overnight. Then it should be stuffed with an apple, wired to a split green log and smoked over a campfire for 3½ hours.

"Then," he said, "throw away the coot and eat the apple."

Taylor and Linda met when they were 4-H leaders.

"Before I met him, I thought you threw a line in the water and maybe a fish would be there," she said.

They wed at Lake Cachuma in 1989, in a second marriage for each. In addition to Linda, he is survived by a son and daughter from his previous marriage and a stepson and stepdaughter from his marriage to Linda.

A potluck memorial service is planned at the lake for March 20 at 1 p.m.

Guests are asked to bring a beverage, a dish to share with others and a camp chair.

steve.chawkins@latimes.com