

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

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

Monday, November 23, 2009

Approximate Start Time
3:00 p.m.

AGENDA

1. **COMB CALL TO ORDER, ROLL CALL** (COMB Board of Directors.) (*1 minute*).
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.) (*5 minutes*)
3. **CONSENT AGENDA** (For Board action by vote on one motion unless member requests separate consideration.) (*2 minutes*)
 - a. Minutes
 - October 26, 2009 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
4. **REPORTS FROM THE MANAGER** (*10 minutes*)
 - a. Cachuma Water Reports
 - b. Operations Report
 - c. COMB Operating Committee
 - d. Jesusita Fire Activities
 - e. Quagga Mussel Inspection Report – County of Santa Barbara
 - f. **Verbal Report** – Status of El Jaro Creek Cross Creek Ranch Fish Passage Project
 - g. 2008 Surcharge Accounting
 - h. COMB/CCRB Regular Board Meeting Dates for 2010 (*see CCRB Item # 4f*)
 - i. **Verbal Report** - Cachuma Reservoir Current Conditions
5. **COMB CAPITAL IMPROVEMENT PROGRAM** (*5 minutes*)
 - a. Revised CIP Projects Schedule

- b. SCC/Upper Reach Reliability Project
 - 1) Project Status Report
 - 2) **Verbal Report** - Potential Impacts of Delaying Project
- c. Mission Creek Pipeline and Fish Passage Project
 - 1) Project Status Report
 - 2) Potential Impacts of Delaying Project
6. **COMB 2009 REVENUE BOND AND RELATED LEGAL DOCUMENTS AND AGREEMENTS FOR THE SCC UPPER REACH RELIABILITY PROJECT (2ND PIPELINE PROJECT)** *(20 minutes)*
 - a. CVWD's Decision Not to Participate in Funding the 2nd Pipeline Project
 - b. MWD's Conditional Approval of Funding Increase for the 2nd Pipeline Project Without CVWD Participation
 - c. GWD Decision Regarding Funding Increase for the 2nd Pipeline Project Without CVWD Participation
 - d. City of Santa Barbara's Decision Regarding Funding Increase for the 2nd Pipeline Project Without CVWD
 - e. Set Deadline by which All Member Unit Board Must Reach Final Decision on Funding for 2nd Pipeline Project
 - f. Schedule Special Joint Board Meeting with COMB, GWD, MWD, CVWD, and ID1 to Approve the COMB Bond, All Legal Bond Documents, All Board Resolutions, Contribution Agreements, and Indemnification Agreements
7. **CONSIDER OPTIONS REGARDING AWARD OF CONSTRUCTION CONTRACT FOR SCC UPPER REACH RELIABILITY PROJECT** *(10 minutes)*
8. **CONSIDER APPROVAL OF COMB CHANGE WORK ORDER POLICY** *(5 minutes)*
9. **PROPOSITION 50 AND PROPOSITION 84 ACTIVITIES** *(5 minutes)*
10. **DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING** *(2 minutes)*
11. **MEETING SCHEDULE**
 - December 21, 2009 at 2:15 P.M., COMB Office
 - Board Packages Available on COMB Website
www.cachuma-board.org
12. **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, October 26, 2009

1. Call to Order, Roll Call

The meeting was called to order at 2:41 p.m. by President Williams who chaired the meeting. Those in attendance were:

Directors present:

Das Williams	City of Santa Barbara
Bob Lieberknecht	Carpinteria Valley Water District
Jan Abel	Montecito Water District
Lauren Hanson	Goleta Water District
Lee Bettencourt	SYR Conservation Dist ID#1

Others present:

Kate Rees	William Hair
Bill Ferguson	Gary Kvistad
Janet Gingras	Emily Hutton
Tom Mosby	Chip Wullbrandt
Charles Hamilton	Chris Dahlstrom
Fran Farina	Rebecca Bjork
Tim Robinson	Alex Keuper
Doug Brown	Ben Preston
Jack Rusky	Bert Bertrando
Matt Blois	

2. Public Comment

There were no comments from the public.

3. Consent Agenda

- a. **Minutes:**
September 28, 2009 Regular Board Meeting
- b. **Investment Funds**
Financial Reports
Investment Report
- c. **Payment of Claims**

Director Lieberknecht made a correction to the minutes, Item #7 second paragraph last line should read “replacing Item three with;”

Director Williams moved to approve the consent agenda as amended, seconded by Director Abel. Director Bettencourt questioned the time that the Board took action on the FY 08/09 Audit, and stated that the action took place prior to the noticed starting time. Counsel Bill Hair explained that the start time on the COMB agenda is approximate, that so there was no Brown Act violation concerning the time that the Board considered the audit. The motion passed 7/0/0.

4. Reports From the Manager

a. Member Unit Letter Agreement Regarding 2008 Spill Water Accounting

Ms. Rees reported that the Member Unit managers had reached agreement on ID#1 receiving free spill water from the 2008 spill. Included in the board packet is the signed letter agreement for the 2008 spill year only. Based on this agreement, COMB staff prepared the water use reports from September 2008 through September 2009 and provided them to the Bureau of Reclamation. This will resolve the non-compliance notices issued by Reclamation to COMB for water years 2008 and 2009. Ms. Rees encouraged the Member Unit General Managers to continue discussing how to reach a permanent agreement for the surplus spill water prior to the reservoir spilling again potentially this winter.

b. Cachuma Water Reports from September 2008 to Present

These reports were included in the board packet.

c. Operations Report

The Operations Report for September was included in the board packet.

d. 2008 Surcharge Accounting

Ms. Rees included the surcharge table in the board packet. The fish releases have continued through October, as the Board authorized, to prevent fish stranding. Releases will continue at least through the first of November, and continued releases will be assessed at that time. Target flow releases to date total about 9,274 acre feet, which includes 5,100 acre feet provided from project yield and 3,200 acre feet from surcharge.

e. Jesusita Fire Activities

Ms. Rees reported that the dead trees due to the fire in the Lauro Reservoir watershed are currently being removed. Our insurance claim with JPIA for the fire damage will cover this work.

f. Cachuma Reservoir Current Conditions

Date 10/26/2009

Lake Elevation	732.63 feet
Storage	139,816 acre feet
Rain (for the month to date)	2.20 inches
Rain YTD (for the season to date)	(not reported) inches

Fish Release-Hilton	16 acre feet per day
Month to Date Fish Release	525 acre feet
Month to Date Spill	0 acre feet
Year to Date Spill	0 acre feet

5. COMB Capital Improvement Program

a. SCC/Upper Reach Reliability Project

1) Project Status Report

The project status report was included in the board packet. Ms. Rees said that we are waiting for a few permits for the 2nd Pipeline Project that should be received shortly.

2) Public Records Act Request from W.A. Rasic Construction

Ms. Rees reported that COMB had received a Request for Public Records from W.A. Rasic Construction. The letter was included in the board packet as was the response letter from COMB's General Counsel acknowledging receipt of their request.

b. Mission Creek Pipeline and Fish Passage Project

1) Project Status Report

A project status report for the Mission Creek Pipeline and Fish Passage Project was included in the board packet.

Director Lieberknecht asked if there was a cost estimate for going over the creek instead of burying the pipeline in the creek. Ms. Rees said that an above ground pipeline had been considered as one of the options, but that she would have to check on whether a cost estimate had been done for that option, as it was not the best option identified by AECOM. She did not believe a cost estimate had been prepared for any other option except the engineer's recommended pipeline repair in the creekbed.

Tom Mosby requested the Mission Creek Pipeline Project engineering plans and specs be provided to the Member Unit General Managers for review and comment prior to the project going out for bid. Ms. Rees agreed to provide them.

6. Discussion of 2009 Revenue Bond Documents, Joint Participation Agreements, Contribution Agreements, and Related Indemnification Agreements to Fund COMB Capital Improvement Projects

a. CIP Bond/Contribution Agreement/ Revised Schedule

The schedule in the board packet was current the day the board packet was completed, but has since changed.

Director Bettencourt said that ID #1 would be discussing this item at its November 17th meeting and should be added to the schedule.

b. Revised 2009 Project List - Exhibit B to Joint Participation Agreement and Exhibit A to Contribution Agreement

Ms. Rees highlighted the language in the Joint Participation Agreement and COMB's Official Statement regarding substituting CIP projects from the comprehensive CIP list if needed. Exhibit B of the Official Statement has a much longer list of CIP projects than Exhibit A of the Contribution Agreements for MWD and CVWD, which includes only seven priority projects. She emphasized the need for COMB to have some flexibility to substitute projects if needed and recommended leaving that language to that effect in the Joint Participation and Contribution Agreements.

Chip Wullbrandt, General Counsel for MWD, explained that MWD intended to limit its funding participation to the 2009 Project list of seven priority projects, not to a specific dollar amount. MWD will be a cash participant and has agreed that they will pay their share of all the projects on the list up to a not to exceed dollar amount. If there are additional CIP projects that the Member Units wish MWD to participate in, the MWD Board will consider them as separate future actions.

Ms. Rees stated that ID#1 objected to the language in COMB's Preliminary Official Statement regarding references to substituting CIP projects. As stated above, she indicated COMB needed this flexibility in the event one of the projects could not be constructed. Mr. Kvistad reported that this was no longer an issue for ID#1 as long as ID#1 was fully indemnified. Mr. Kvistad thought that the ID#1 Board would agree to the substitution language remaining in the Official Statement.

c. Status of Member Units' Approval of COMB Bond, Joint Participation Agreements, Contribution Agreements

Ms. Rees requested that each Director report on the status of their individual Board's approval of the COMB bond or other funding mechanism for the 2009 Project.

Director Williams reported that the City Council had approved the COMB Bond and the Joint Participation Agreement.

Director Abel reported that MWD had approved a Contribution Agreement for cash funding its share of the suite of projects in the 2009 Project, approved an Indemnification Agreement for MWD, and that she had received consensus from her Board to approve the COMB bond.

Director Lieberknecht reported that CVWD had approved self financing its share of the 2nd Pipeline Project from its reserves, but will consider funding the other CIP projects on a project by project basis. Director Lieberknecht submitted a letter to the COMB Board summarizing CVWD's decision. The letter also emphasized 1) the need for a balanced prioritization of COMB projects; 2) the inclusion of non-Project users in Cachuma cost sharing; and 3) the need for a peak demand management protocol for the South Coast member agencies. These were all issues COMB agreed to address in its Resolution 496. Ms. Rees stated that it

was her understanding that CVWD had approved self funding all of the priority projects, not just the 2nd Pipeline Project.

Director Hanson reported that the GWD Board expressed support of financing the seven priority projects, but that the list did not address the topic of substitution projects. The Board expressed its desire to fully or partially bond for its share of the suite of projects in the 2009 Project, contingent upon some clarifications regarding CVWD's action. The GWD Board has not definitively stated if it will bond for the entire suite of projects or partially bond for the 2nd Pipeline Project and self fund the remaining projects.

Director Bettencourt reported that ID#1 is prepared to approve the COMB bond as long as the indemnification agreement for ID#1 is in place.

Doug Brown, bond counsel, stated that there had been different impressions of the outcome of the CVWD October 23rd meeting. Some of the confusion stems from the Contribution Agreement before them which had a list of seven projects. However the language in the staff report suggested that the Board was approving only the 2nd Pipeline Project. Mr. Brown stated that the motion approved was to approve the Resolution attached to the Contribution Agreement, which included the entire suite of projects. The confusion arose because of a contradiction between the Contribution Agreement, that has a project list of seven projects, and CVWD's option seven which was to approve only the funding of the 2nd Pipeline Project

Mr. Hamilton said there is a need for CVWD to schedule another meeting to sort through the details more carefully and reconsider the action his Board took on October 23rd. Mr. Hamilton stated that the CVWD Board has some concerns regarding COMB addressing that the 3 items outlined in their letter. Director Williams confirmed the commitment of the COMB Board to follow through with the intentions as set forth in COMB Resolution No. 496.

Director Williams took public comments at this time concerning this item.

Bert Bertrando, GWD Board President spoke about his concerns on the three conditions listed in the CVWD letter.

Jack Rusky, farmer from Goleta, spoke concerning the three items listed in the CVWD letter.

After discussion concerning the project priority list President Williams reviewed the list with the Board. They were all in agreement with the project list and the priority ranking as listed in Exhibit A.

d. Status of Approval of Indemnification Agreements

ITEM # 3a
PAGE 5

Ms. Rees reported on the Indemnification Agreements. MWD has a separate agreement with COMB that references its Contribution Agreement. CVWD will approve the appropriate Indemnification Agreements depending on the outcome of its special meeting. ID#1 has approved an Indemnification Agreement but it be revised based on which agencies bond for the CIP projects.

President Williams suggested that this be discussed and resolved during the attorney meeting following the COMB Board meeting.

e. Schedule COMB Special Board Meeting for Approval of Bond Documents, Contribution Agreements, and Indemnification Agreements

Due to the meeting schedules of the Member Units, it was determined that COMB's action to approve the bond documents could not occur prior to the next regular Board meeting on November 23rd. President Williams requested that staff remain in contact with CVWD, and if another Joint Board meeting between COMB and CVWD would expedite the decision, a joint meeting should be scheduled.

7. Consider Approval of Change Orders for El Jaro Creek Cross Creek Ranch Fish Passage Project

Tim Robinson gave a presentation on the El Jaro Creek Cross Creek Ranch Fish Passage Project. Dr. Robinson indicated that he anticipates a total of four change orders for this project. The first change order was approved at the September 28th Board meeting for additional rock-slope-protection for \$15,120. The second change order is for additional concrete for the southern wing slab on the low flow crossing for \$12,523. The third change order is to cover the cost for removal and disposal of previously unknown buried bridge pilings for \$9,315. The fourth change order would be for a small amount of additional concrete for the north approach road coming onto the low flow crossing, which is estimated to be less than \$5,000. Mr. Robinson provided a financial report for the project in the board packet.

Director Abel asked if any of these change orders could have been anticipated during the design phase. Mr. Robinson replied that change orders one and two probably should have been anticipated, and change orders three and four could not have been anticipated. She stressed that the ad hoc fish project committee should have full input before a project goes to bid to insure a good design.

President Williams pointed out that the project will be completed under budget and that the total change orders were still well below the 10% contingency.

Director Bettencourt asked what the liability of the design engineer would be. Counsel Bill Hair said if the engineer designed the project according to the standards of the industry, they were not negligent in missing these things so there is no liability.

Director Williams moved to approve Change Order #2 in the amount of \$12,523 and Change Order #3 in the amount of \$9,315 and authorized approval of Change Order #4 for \$5,000 or less, seconded by Director Abel, passed 6/1/0, Director Bettencourt voted no.

8. Consider Approval of COMB Change Work Order Policy

Ms. Rees presented a revised Change Order Policy that included changes suggested by the Board, and reviewed these changes with the Board. After Board discussion, additional changes to the policy were suggested, and the Board decided the draft policy should come back to the Board for approval at the November Board meeting.

9. Consider Authorization for COMB General Counsel to Prepare Written Legal Opinion Regarding Biological Opinion Activities

President Williams reminded the Board that at the September 23, 2009 COMB Board meeting, Director Bettencourt requested that an item be placed on the October meeting agenda to request that Mr. Hair prepare a written legal opinion on why implementation of the Cachuma Project Biological Opinion (BO) activities are not related to water rights.

Director Abel stated that requesting letters like this incurs a cost and it was not clear what the purpose of this letter was. Director Bettencourt responded that if the BO projects are water rights issues, then COMB should not be involved with those projects as COMB does not deal with water rights issues; CCRB was established for that purpose.

Chip Wullbrandt was of the opinion the question to be answered was if implementation of those projects by COMB would trigger the water rights unanimous consent requirement in COMB's Joint Powers Agreement (JPA). He felt the purpose of this letter would be to determine if COMB would be prohibited from carrying out those projects without unanimous consent.

Gary Kvistad agreed with this opinion, and suggested that he and Mr. Wullbrandt assist Mr. Hair in formulating the question to be answered. He said from ID #1's perspective, they wanted to make sure that that COMB is acting appropriately within the confines of the JPA.

Director Bettencourt moved to have a legal opinion written by COMB General Counsel on whether or not BO projects are related to water rights issues, and how it applies to the COMB JPA, seconded by Director Williams. Director Abel questioned the wording of the motion. Director Williams reworded the motion to say, authorize Mr. Hair to write a letter addressing this issue as he sees fit, and is advised of the question by Mr. Wullbrandt and Mr. Kvistad, seconded by Director Bettencourt, passed 7/0/0.

10. Status of ID No. 1 Approval of MOU Among COMB, CCRB, and ID No. 1 For Funding and Construction of El Jaro Creek Cross Creek Ranch Fish Passage Project

This was reported on during the CCRB meeting and there was nothing more to add. ID#1 has not approved the MOU to date.

11. Quagga Mussel Ad Hoc Committee Report

Director Hanson reported on a meeting that she and Rebecca Bjork had with County Supervisors Salud Carbajal and Doreen Farr, and Assistant County CEO, Teri Maus-Nisich. They discussed the various quagga mussel policies in place at Lake Casitas and suggested the possibility of a joint regional approach of working with the County Park Department regarding the quagga mussel protocols at Lake Cachuma.

Director Abel asked Ms. Rees whether or not her question regarding clarification on the County Park's sampling report had been investigated. Ms. Rees reported that the clarification has not yet been investigated but that she would have an answer for the next Board meeting.

12. Proposition 50 and Proposition 84 Activities

Ms. Rees reported that the State Water Resources Control Board is concerned about the delay in COMB approving matching funding for the 2nd Pipeline Project, and asked to be informed as soon as funding is in place for the project.

She also reported that there have been many meetings for the Prop 84 process. They participating partners are developing a comprehensive project list for the region. She anticipated that a revised MOU for administration for the Prop 84 process will come to the Board for approval in November.

13. Directors' Request for Agenda Items for the Next Meeting

There were no requests from the Directors'.

14. Meeting Schedule

The next regular Board meeting will be held November 23, 2009 following the 2:15 p.m. CCRB regular Board meeting, at the COMB office.

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

15. COMB Adjournment

There being no further business, the meeting was adjourned at 5:10 p.m.

comb2
Balance Sheet
 As of October 31, 2009

	<u>Oct 31, 09</u>
ASSETS	
Current Assets	
Checking/Savings	
1050 · GENERAL FUND	9,382.56
1100 · REVOLVING FUND	118,045.06
TRUST FUNDS	
1210 · WARREN ACT TRUST FUND	103,410.54
1220 · RENEWAL FUND	5,015.75
Total TRUST FUNDS	<u>108,426.29</u>
Total Checking/Savings	235,853.91
Other Current Assets	
1010 · PETTY CASH	400.00
1200 · LAIF	1,718,328.62
1300 · DUE FROM CCRB	76,337.82
1303 · Bradbury SOD Act Assmnts Rec	59,192.00
1304 · Lauro Dam SOD Assesmnt Rec	18,299.00
1305 · ACCRUED INTEREST RECEIVAB...	2,316.38
1400 · PREPAID INSURANCE	13,456.72
1401 · W/C INSURANCE DEPOSIT	6,529.00
Total Other Current Assets	<u>1,894,859.54</u>
Total Current Assets	2,130,713.45
Fixed Assets	
1500 · VEHICLES	338,973.52
1505 · OFFICE FURN & EQUIPMENT	219,801.66
1510 · TRAILERS	97,803.34
1515 · FIELD EQUIPMENT	366,549.49
1525 · PAVING	22,350.00
1550 · ACCUMULATED DEPRECIATION	-768,209.21
Total Fixed Assets	<u>277,268.80</u>
Other Assets	
1910 · LT Bradbury SOD Act Assess Rec	5,686,239.07
1920 · LT Lauro SOD Act Assess Rec	959,743.00
Total Other Assets	<u>6,645,982.07</u>
TOTAL ASSETS	<u><u>9,053,964.32</u></u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2200 · ACCOUNTS PAYABLE	52,797.21
Total Accounts Payable	<u>52,797.21</u>
Other Current Liabilities	
2550 · VACATION/SICK	73,628.67
2561 · BRADBURY DAM SOD ACT	59,192.60
2563 · LAURO DAM SOD ACT	18,299.00
2590 · DEFERRED REVENUE	108,426.29
Payroll-DepPrm Admin	35.00
Payroll-CCRB DepPrm	9.24
Payroll-DepPrm Ops	9.24
Total Other Current Liabilities	<u>259,600.04</u>
Total Current Liabilities	312,397.25
Long Term Liabilities	
2602 · LT SOD Act Liability-Bradbury	5,686,239.07
2603 · LT SOD Act Liability - Lauro	959,743.00
Total Long Term Liabilities	<u>6,645,982.07</u>

2:14 PM
11/17/09
Accrual Basis

comb2
Balance Sheet
As of October 31, 2009

	<u>Oct 31, 09</u>
Total Liabilities	6,958,379.32
Equity	
3000 · Opening Bal Equity	0.95
3901 · Retained Earnings	1,013,062.66
Net Income	<u>1,082,521.39</u>
Total Equity	<u>2,095,585.00</u>
TOTAL LIABILITIES & EQUITY	<u><u>9,053,964.32</u></u>

2:08 PM
11/17/09
Accrual Basis

comb2
Profit & Loss Budget vs. Actual
July through October 2009

TOTAL

	Jul - Oct 09	Budget	\$ Over Budget	% of Budget
Income				
3000 REVENUE				
3001 · O&M Budget (Qtrly Assessments)	1,682,863.50			
3007 · Renewal Fund	0.00			
3010 · Interest Income	3,750.65			
3020 · Misc Income	15.00			
3021 · Grant Income	0.00			
Total 3000 REVENUE	1,686,629.15			
Total Income	1,686,629.15			
Gross Profit	1,686,629.15			
Expense				
4000 · Reconciliation Discrepancies	0.17			
3100 LABOR				
3101-H · Holiday Leave	4,516.77			
3101-S · Sick Leave	4,523.91			
3101-V · Vacation Leave	4,404.57			
3102 · Meter Reading	1,574.54			
3103 · SCC Ops	100,440.51			
3104 · Veh & Equip Mtce	1,022.96			
3105 · SCADA	1,843.58			
3106 · Rodent Bait	2,047.94			
3107 · NORTH PORTAL				
Total 3107-1 · NP INTAKE TOWER	1,407.25			
Total 3107-2 · NP CONTROL STATION	686.15			
Total 3107 · NORTH PORTAL	2,093.40			
3108 · GLEN ANNE				
Total 3108-1 · GA SOUTH PORTAL	1,925.62			
Total 3108-2 · GA RESERVOIR	116.80			
Total 3108 · GLEN ANNE	2,042.42			

ITEM # 36
PAGE 3

comb2
Profit & Loss Budget vs. Actual
 July through October 2009

	Jul - Oct 09	Budget	\$ Over Budget	% of Budget
3110 · LAURO				
Total 3110-1 · YARD	8,869.43			
Total 3110-2 · CONTROL STATION	29.20			
Total 3110-3 · RESERVOIR	4,823.17			
Total 3110-4 · DEBRIS BASINS	98.76			
Total 3110 · LAURO	13,820.56			
3111 · OFFICE				
Total 3111-1 · CREW OFFICE	125.70			
Total 3111-3 · MAIN OFFICE	32.72			
Total 3111-4 · SHOPS	262.79			
Total 3111 · OFFICE	421.21			
3112 · SHEFFIELD				
Total 3112-1 · CONTROL STATION	276.15			
Total 3112 · SHEFFIELD	276.15			
3113 · ORTEGA				
Total 3113-1 · CONTROL STATION	408.53			
Total 3113-2 · RESERVOIR	1,342.47			
Total 3113 · ORTEGA	1,751.00			
3115 · CARPINTERIA				
Total 3115-1 · CONTROL STATION	618.00			
Total 3115-2 · RESERVOIR	303.13			
Total 3115 · CARPINTERIA	921.13			
3116 · GOLETA REACH				
Total 3116-1 · STRUCTURES	759.39			
Total 3116-2 · LATERAL METERS	32.92			
TOTAL				

ITEM # 36
 PAGE 4

comb2
Profit & Loss Budget vs. Actual
July through October 2009

	TOTAL	Budget	\$ Over Budget	% of Budget
	Jul - Oct 09			
Total 3116 · GOLETA REACH	792.31			
3117 · CARPINTERIA REACH				
Total 3117-1 · STRUCTURES	377.10			
Total 3117-2 · LATERAL METERS	65.84			
Total 3117 · CARPINTERIA REACH	442.94			
3150 · Health & Workers Comp	52,405.59			
3155 · PERS	22,634.27			
3160 · Payroll Comp FICA Ops	9,852.75			
3165 · Payroll Comp MCARE Ops	2,304.28			
3100 LABOR - Other	0.00	886,401.00	-886,401.00	0.0%
Total 3100 LABOR	230,132.79	886,401.00	-656,268.21	25.96%
3200 VEH & EQUIPMENT				
3201 · Vehicle/Equip Mtce	5,801.92	40,000.00	-34,198.08	14.51%
3202 · Fixed Capital	1,251.19	40,000.00	-38,748.81	3.13%
3203 · Equipment Rental	442.48	5,000.00	-4,557.52	8.85%
3204 · Miscellaneous	1,853.09	15,000.00	-13,146.91	12.35%
Total 3200 VEH & EQUIPMENT	9,348.68	100,000.00	-90,651.32	9.35%
3300 · CONTRACT LABOR				
3301 · Conduit, Meter, Valve & Misc	3,294.55	12,000.00	-8,705.45	27.46%
3302 · Buildings & Roads	496.01	16,000.00	-15,503.99	3.1%
3303 · Reservoirs	2,080.00	52,000.00	-49,920.00	4.0%
3304 · Engineering, Misc Services	0.00	20,000.00	-20,000.00	0.0%
Total 3300 · CONTRACT LABOR	5,870.56	100,000.00	-94,129.44	5.87%
3400 · MATERIALS & SUPPLIES				
3401 · Conduit, Meter, Valve & Misc	100.87	25,000.00	-24,899.13	0.4%
3402 · Buildings & Roads	3,752.58	25,000.00	-21,247.42	15.01%
3403 · Reservoirs	1,339.22	10,000.00	-8,660.78	13.39%
Total 3400 · MATERIALS & SUPPLIES	5,192.67	60,000.00	-54,807.33	8.65%
3500 · OTHER EXPENSES				

2:08 PM
11/17/09
Accrual Basis

comb2
Profit & Loss Budget vs. Actual
July through October 2009

	TOTAL			
	Jul - Oct 09	Budget	\$ Over Budget	% of Budget
3501 - Utilities	1,425.22	6,500.00	-5,074.78	21.93%
3502 - Uniforms	206.49	6,500.00	-6,293.51	3.18%
3503 - Communications	5,611.19	20,000.00	-14,388.81	28.06%
3504 - USA & Other Services	710.00	4,000.00	-3,290.00	17.75%
3505 - Miscellaneous	3,590.28	8,000.00	-4,409.72	44.88%
3506 - Training	475.00	8,000.00	-7,525.00	5.94%
Total 3500 - OTHER EXPENSES	12,018.18	53,000.00	-40,981.82	22.68%
4999 - GENERAL & ADMINISTRATIVE				
5000 - Director Fees				
5001 - Director Mileage	416.92			
5000 - Director Fees - Other	4,096.00	12,000.00	-7,904.00	34.13%
Total 5000 - Director Fees	4,512.92	12,000.00	-7,487.08	37.61%
5100 - Legal				
5101-1 - Audit	32,290.33	63,000.00	-30,709.67	51.25%
5150 - Unemployment Tax	12,000.00	12,000.00	0.00	100.0%
5200 - Liability Insurance	0.00	7,567.00	-7,567.00	0.0%
5201 - Health & Workers Comp	31,629.00	40,000.00	-8,371.00	79.07%
5250 - PERS	26,845.36	72,310.00	-45,464.64	37.13%
5260 - Company FICA Admin	13,522.68	39,760.00	-26,237.32	34.01%
5265 - Company MCARE Admin	4,914.72	17,581.00	-12,666.28	27.96%
5300 - Manager Salary	1,248.12	1,739.00	-490.88	71.77%
5301 - Administrative Manager	24,576.84	73,000.00	-48,423.16	33.67%
5306 - Administrative Assistant	33,299.28	96,198.00	-62,898.72	34.62%
5310 - Postage/Office Exp	20,568.96	59,421.00	-38,852.04	34.62%
5311 - Office Equip/Leases	2,612.51	9,000.00	-6,387.49	29.03%
5312 - Misc Admin Expenses	2,070.72	6,200.00	-4,129.28	33.4%
5313 - Communications	2,015.99	12,000.00	-9,984.01	16.8%
5314 - Utilities	1,250.88	6,000.00	-4,749.12	20.85%
5315 - Membership Dues	2,815.49	6,000.00	-3,184.51	46.93%
5316 - Admin Fixed Assets	4,529.00	6,050.00	-1,521.00	74.86%
5318 - Computer Consultant	0.00	5,000.00	-5,000.00	0.0%
5325 - Emp Training/Subscriptions	6,376.77	10,000.00	-3,623.23	63.77%
5330 - Admin Travel/Conferences	360.00	4,500.00	-4,140.00	8.0%
5331 - Public Information	0.00	5,000.00	-5,000.00	0.0%
	284.67	6,000.00	-5,715.33	4.75%

ITEM # 36
PAGE 6

2:08 PM
 11/17/09
 Accrual Basis

comb2
Profit & Loss Budget vs. Actual
 July through October 2009

	Jul - Oct 09	Budget	\$ Over Budget	% of Budget
TOTAL				
5332 · Transportation	237.81	1,000.00	-762.19	23.78%
Total 4999 · GENERAL & ADMINISTRATIVE	227,962.05	571,326.00	-343,363.95	39.9%
5510 · Integrated Reg. Water Mgt Plan	0.00	70,000.00	-70,000.00	0.0%
6000 · SPECIAL PROJECTS				
6062 · SCADA	9,320.00	50,000.00	-40,680.00	18.64%
6090-1 · COMB Bldg/Grounds Repair	3,477.50	50,000.00	-46,522.50	6.96%
6092 · SCC Improv Plan & Design	77,123.31	175,000.00	-97,876.69	44.07%
6096 · SCC Structure Rehabilitation	1,593.44	100,000.00	-98,406.56	1.59%
6097 · GIS and Mapping	1,416.73	50,000.00	-48,583.27	2.83%
Total 6000 · SPECIAL PROJECTS	92,930.98	425,000.00	-332,069.02	21.87%
6400 · STORM DAMAGE				
6403 · Jesusita Fire Damage	20,651.61	375,000.00	-354,348.39	5.51%
6403-1 · Jesusita Fire Damage - UF	0.00	-375,000.00	375,000.00	0.0%
Total 6400 · STORM DAMAGE	20,651.61	0.00	20,651.61	100.0%
6999 · Uncategorized Expense	0.00	1,100,000.00	-1,100,000.00	0.0%
PAYROLL				
Gross	0.04			
Gross-CCRB	0.03			
Total PAYROLL	0.07			
Total Expense	604,107.76	3,365,727.00	-2,761,619.24	17.95%
Net Income	1,082,521.39	-3,365,727.00	4,448,248.39	-32.16%

ITEM # 36
 PAGE 7

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

www.treasurer.ca.gov/pmia-laif
 November 09, 2009

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Transactions

Tran Type Definitions

October 2009 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
10/15/2009	10/14/2009	QRD	1243919	SYSTEM	1,337.61
10/29/2009	10/29/2009	RD	1246648	KATHLEEN REES	960,000.00

Account Summary

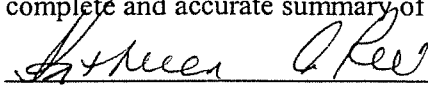
Total Deposit:	961,337.61	Beginning Balance:	756,991.01
Total Withdrawal:	0.00	Ending Balance:	1,718,328.62

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 October, 2009, 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 # 36
 PAGE 8

**SANTA BARBARA
BANK & TRUST**

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

5714
Cachuma Operation & Maintenance Board
Master Contract Renewal Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement

Statement Period: 10/01/2009 to 10/31/2009
Customer Number: Page 1

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

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

www.sbbt.com

ALLTIME Online
Secure. Convenient. Easy.



Visit Your Bank's Website & Sign Up Today!

www.sbbt.com	Santa Barbara Bank & Trust
www.1stnational.com	First National Bank of Central California
www.svnb.com	South Valley National Bank
www.sbbank.com	San Benito Bank
www.firstbankslo.com	First Bank of San Luis Obispo

Business Money Market

Checking Summary

Cachuma Operation & Maintenance Board

Master Contract Renewal Fund

Account Number 102335072
Interest Paid YTD 44.93

Deposit Account Recap

Beginning Balance as of
October 1, 2009 69,678.92
3 Deposits (Plus) 56,349.83
2 Withdrawals (Minus) 121,013.00
Ending Balance as of
October 31, 2009 5,015.75

Service Charge *Reverse per Adian* 10.00
Interest Paid 25.83

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 October, 2009, 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 S. Rees
Secretary

ITEM # 36
PAGE 9

**SANTA BARBARA
BANK & TRUST**

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

5715

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

Banking Statement

Statement Period: 10/01/2009 to 10/31/2009

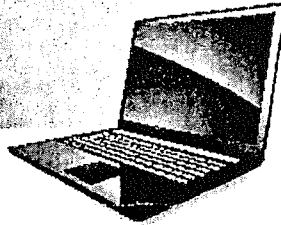
Customer Number: Page 1

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

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

www.sbbt.com

ALLTIME Online™
Secure. Convenient. Easy.



Visit Your Bank's Website & Sign Up Today!

www.sbbt.com
www.1stnational.com
www.svnb.com
www.sbbank.com
www.firstbankslo.com

Santa Barbara Bank & Trust
First National Bank of Central California
South Valley National Bank
San Benito Bank
First Bank of San Luis Obispo



Public Capital Tiered MMDA

Checking Summary

Cachuma Operation & Maintenance Board

Cachuma Project Trust Fund

Account Number 102335080
Interest Paid YTD 717.04

Deposit Account Recap

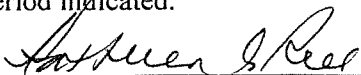
Beginning Balance as of
October 1, 2009 88,995.96
2 Deposits (Plus) 14,414.28
Ending Balance as of
October 31, 2009 103,410.24
Interest Paid 52.28

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 October, 2009, 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

ITEM # 36
PAGE 10

10:51 AM
 11/03/09
 Accrual Basis

comb2
Payment of Claims
 As of October 31, 2009

Date	Num	Name	Memo	Split	Amount
1050 - GENERAL FUND					
10/5/2009	18422	Bureau of Reclamation	1st Period Entitle. 10/1/09-4/1/10	2200 · ACC...	-833,023.33
10/16/2009	18423	A-OK Mower Shops, Inc.	Sharpen chain saw	2200 · ACC...	-97.85
10/16/2009	18424	Acorn Landscape Manage...	Scheduled mtce	2200 · ACC...	-253.17
10/16/2009	18425	ACWA Health Benefits Au...	11/1/09-12/1/09 coverage	2200 · ACC...	-12,164.72
10/16/2009	18426	ACWA Health Benefits Au...	Nov EAP	2200 · ACC...	-46.02
10/16/2009	18427	AECOM USA Inc.		2200 · ACC...	-2,273.08
10/16/2009	18428	Aqua-Flo Supply		2200 · ACC...	-484.64
10/16/2009	18429	AT&T	Sep statement	2200 · ACC...	-209.91
10/16/2009	18430	Business Card	JG	2200 · ACC...	-623.25
10/16/2009	18431	Cachuma Cons. Release ...	Grant monies-FishAmerica-Ranch...	2200 · ACC...	-49,761.00
10/16/2009	18432	Cachuma O & M Board-R...	GWD Renewal Fund assess moni...	2200 · ACC...	-43,852.00
10/16/2009	18433	CIO Solutions, LP		2200 · ACC...	-766.25
10/16/2009	18434	City of Santa-Barbara	Refuse/recycle	2200 · ACC...	-168.20
10/16/2009	18435	Coastal Copy, LP	Lease/mtce agmt KM-C4035 8/9-...	2200 · ACC...	-162.05
10/16/2009	18436	Crop Production Services,...	Roundup/goggles/coveralls/tool	2200 · ACC...	-457.32
10/16/2009	18437	Culligan Water	RO system Oct	2200 · ACC...	-24.95
10/16/2009	18438	Das Williams	Sep mtg fees	2200 · ACC...	-397.68
10/16/2009	18439	Draganchuk Alarm Systems	Alarm monitoring Oct-Dec 09	2200 · ACC...	-82.50
10/16/2009	18440	ECHO Communications	Answering service	2200 · ACC...	-62.00
10/16/2009	18441	Farwest Corrosion Control...	Cathodic Protection PO#8921	2200 · ACC...	-1,550.00
10/16/2009	18442	Fleet Services	Fuel	2200 · ACC...	-1,850.78
10/16/2009	18443	GE Capital		2200 · ACC...	-694.86
10/16/2009	18444	GeoPosition Support Servi...	1 yr GPS support PO#8923	2200 · ACC...	-495.00
10/16/2009	18445	Graybar Electric Company...	Misc	2200 · ACC...	-55.50
10/16/2009	18446	Home Depot Credit Services		2200 · ACC...	-169.59
10/16/2009	18447	Hydrex Pest Control Co.	Ant/pest control	2200 · ACC...	-80.00
10/16/2009	18448	J&C Services	Ofc cleaning 9/11,18,25, 10/2	2200 · ACC...	-500.00
10/16/2009	18449	Jan Abel	Sep mtg fees	2200 · ACC...	-278.00
10/16/2009	18450	Larry's 8-Day Auto Parts	Vehicle supplies	2200 · ACC...	-27.82
10/16/2009	18451	Lauren W. Hanson	Sep mtg fees	2200 · ACC...	-400.50
10/16/2009	18452	Lee F. Bettencourt	Sep mtg fees	2200 · ACC...	-318.38
10/16/2009	18453	MarBorg Industries		2200 · ACC...	-328.62
10/16/2009	18454	MarVac Electronics	Misc item	2200 · ACC...	-13.48
10/16/2009	18455	MGB Industrial Supply	Misc	2200 · ACC...	-58.06
10/16/2009	18456	Milpas Rental	Manhole digger	2200 · ACC...	-53.04
10/16/2009	18457	Nextel Communications	Cellular	2200 · ACC...	-647.77
10/16/2009	18458	Nordman, Cormany, Hair ...		2200 · ACC...	-6,487.50
10/16/2009	18459	Paychex, Inc.	9/4,18, 10/2 payrolls/taxes	2200 · ACC...	-355.47
10/16/2009	18460	PG&E		2200 · ACC...	-162.33
10/16/2009	18461	Pitney Bowes Global Fina...	Equip lease-postage 10/10/09-1/1...	2200 · ACC...	-446.97
10/16/2009	18462	Praxair Distribution, Inc	Cylinder rental	2200 · ACC...	-41.71
10/16/2009	18463	Prudential Overall Supply	Mats/Towels	2200 · ACC...	-404.71
10/16/2009	18464	Republic Elevator Co.	Scheduled mtce	2200 · ACC...	-247.26
10/16/2009	18465	Reserve Account	Postage refill	2200 · ACC...	-400.00
10/16/2009	18466	Robert Lieberknecht	Sep mtg fees	2200 · ACC...	-287.12
10/16/2009	18467	Science Applications Inter...		2200 · ACC...	-4,483.75
10/16/2009	18468	SD Auto Parts	Tools	2200 · ACC...	-99.75
10/16/2009	18469	Southern California Edison		2200 · ACC...	-1,785.51
10/16/2009	18470	Staples Credit Plan	Office supplies	2200 · ACC...	-165.17
10/16/2009	18471	Titan Industrial & Safety S...	Safety signs	2200 · ACC...	-47.02
10/16/2009	18472	Underground Service Alert...	Sep tickets	2200 · ACC...	-109.50
10/16/2009	18473	UPS		2200 · ACC...	-26.10
10/16/2009	18474	Verizon California		2200 · ACC...	-463.20
10/16/2009	18475	Verizon Wireless	Cellular	2200 · ACC...	-181.35
10/16/2009	18476	WFCB-OSH Commercial ...	Misc	2200 · ACC...	-209.06
10/22/2009	18477	Cachuma O & M Board-R...	MWD Renewal Fund assess moni...	2200 · ACC...	-12,472.00
10/22/2009	18478	COMB-Petty Cash	Replenish petty cash	2200 · ACC...	-287.59
10/22/2009	18479	COMB - Revolving Fund	Oct 30, Nov 13 & 27 payroll/taxes	2200 · ACC...	-156,060.93
10/22/2009	18480	Federal Express	Mailings	2200 · ACC...	-22.58
10/22/2009	18481	McCormix Corp.	Diesel fuel	2200 · ACC...	-80.87
10/22/2009	18482	Tri-Counties Training Sem...	Water System Infrastructure Topi...	2200 · ACC...	-250.00

10:51 AM
11/03/09
Accrual Basis

comb2
Payment of Claims
As of October 31, 2009

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Split</u>	<u>Amount</u>
10/29/2009	18483	Business Card		2200 · ACC...	-613.21
10/29/2009	18484	Mark Crane's Tree & Arbor...	1st phase tree removal-Jesusita F...	2200 · ACC...	-15,200.00
10/29/2009	18485	PG&E		2200 · ACC...	-228.65
10/29/2009	18486	The Gas Company	Main ofc	2200 · ACC...	-1.81
10/29/2009	18487	Verizon California	SCADA	2200 · ACC...	-525.96
Total 1050 · GENERAL FUND					<u>-1,154,578.40</u>
TOTAL					<u>-1,154,578.40</u>

10:51 AM
11/03/09
Accrual Basis

comb2
Payment of Claims-Renewal Fund
October 2009

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Split</u>	<u>Amount</u>
Oct 09 10/19/2009	3001	Cachuma Cons. Release Bo...	Funds transfer to CCRB ...	-SPLIT-	-121,003.00
Oct 09					<u>-121,003.00</u>

09-10 ENTITLEMENT

CACHUMA OPERATION AND MAINTENANCE BOARD

WATER PRODUCTION AND WATER USE REPORT

FOR THE MONTH OF OCTOBER 2009 AND THE WATER YEAR TO DATE

(All in rounded Acre Feet)

	MONTH TOTAL					YTD TOTAL
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)				2,470		2,470
Tecolote Tunnel Infiltration				76		76
Glen Anne Reservoir				0		0
Cachuma Lake (County Park)				6		6
State Water Diversion Credit				95		95
Gibraltar Diversion Credit				0		0
Bishop Ranch Diversion				0		0
Meter Reads				2,310		2,310
So. Coast Storage gain/(loss)				2		2
Total Production				2,553		2,553
Total Deliveries				2,406		2,406
Unaccounted-for				147		147
% Unaccounted-for				5.74%		5.74%
	GWD	SB CITY	MWD	CVWD	SYRWCD I.D. #1	TOTAL
WATER USE:						
M&I	744	735	314	132	6	1,931
Agricultural	227	0	29	123	0	379
TOTAL FOR MONTH	971	735	343	255	6	2,310
Same Mo/prev. yr	1,279	349	79	274	9	1,990
M&I Yr to date	744	735	314	132	6	1,931
Ag. Yr to date	227	0	29	123	0	379
TOTAL YTD	971	735	343	255	6	2,310
USAGE % YTD	7.9%	5.8%	9.2%	6.9%	0.3%	6.5%
Previous Year/YTD	1,279	349	79	274	9	1,990
Evaporation	19	31	7	6	5	68
Evaporation, YTD	19	31	7	6	5	68
Entitlement	9,322	8,277	2,651	2,813	2,651	25,714
Carryover	3,088	4,937	1,129	944	839	10,937
Carryover Balances Spilled YTD	0	0	0	0		0
Surplus^^	0	0	0	0	0	0
State Water Exchange^	55	37	37	24	(153)	0
Transfers*/Adjustment***	0	0	0	0	0	0
Passthrough H2O**	0	0	0	0	0	0
TOTAL AVAILABLE	12,465	13,251	3,817	3,781	3,337	36,651
REMAINING BALANCE	11,475	12,485	3,467	3,520	3,326	34,273

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

State Water Deliveries for October to Lake Cachuma were MWD 0 AF; CVWD 0 AF
GWD 0 AF (Morehart 0 AF); City of S.B. 0 AF; and LaCumbre 95 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 55 AF; MWD received 37;

City of SB received 37 AF; and CVWD received 24 AF from ID#1 in October 2009.

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **October 2009**

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	347.50 Feet
Water in Storage	91.30 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	544.60 Feet
Water in Storage	517.74 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	446.90 Feet
Water in Storage	19.84 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	376.50 Feet
Water in Storage	24.62 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	562.20 Acre Feet
	1.65 Acre Feet

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	732.32 Feet
Water in Storage	139,066 AF
Area	2,417
Evaporation	739.3 AF
Inflow	-140.6 AF
Downstream Release WR8918	0 AF
Fish Release	579.8 AF
Spill/Seismic Release	0 AF
State Project Water	95.3 AF
Change in Storage	-3,413 AF
Tecolote Diversion	2,470.1 AF

Rainfall: Month: 2.20 Season: 2.31 Percent of Normal: 257%

* New capacity table adopted Dec. 1 as a result of the Bathymetric Study completed in Sept. 2008, results in 1110 AF reduction of storage.

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

MONTH	DELVRD TO LAKE	CWWD		MWD		Evap/Spill		S.B.		GWD		LCMWC		RSYS		MLC	
		Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC
2008																	
Bal. Fwvd		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	39	0	0	39	125	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0
March	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
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	716	0	0	253	253	0	0	0	0	379	84	0	84	0	0	0	0
July	627	0	0	218	218	0	0	0	0	327	73	0	73	9	0	9	0
August	994	0	0	885	562	0	0	0	0	0	99	0	99	10	0	10	0
September	988	100	0	647	554	0	0	0	0	0	241	0	241	0	0	0	0
October	87	0	0	0	416	0	0	0	0	0	87	0	87	0	0	0	0
November	153.6	0	0	0	0	0	0	0	0	0	153.6	0	153.6	0	0	0	0
December	89	17	0	17	17	0	0	0	0	17	38	0	38	0	0	0	0
Total	3693.6	117	0	2059	2145	48	0	0	0	723	775.6	0	775.6	19	0	19	0

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

MONTH	DELVRD TO LAKE	CWWD		MWD		Evap/Spill		S.B.		GWD		LCMWC		RSYS		MLC	
		Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC
2009																	
Bal. Fwvd		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	143	0	0	0	0	0	0	0	0	5	138	0	138	0	0	0	0
February	122	0	0	0	0	0	0	0	0	64	58	0	58	0	0	0	0
March	166	0	0	0	0	0	0	0	0	129	37	0	37	0	0	0	0
April	332	0	0	0	0	0	0	0	0	287	45	0	45	0	0	0	0
May	715	0	0	400	400	0	0	0	0	220	95	0	95	0	0	0	0
June	460	0	0	363	363	0	0	0	0	0	97	0	97	0	0	0	0
July	134	0	0	0	0	0	0	0	0	0	112	0	112	22	0	22	0
August	100	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0
September	100	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0
October	95	0	0	0	0	0	0	0	0	0	95	0	95	0	0	0	0
November	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
Total	2367	0	0	763	763	0	0	0	0	705	877	0	877	22	0	22	0

ITEM # 4a

PAGE 4

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

Contract Year: 10/1/09 to: 9/30/10

Contract Entity: **Goleta Water District**
 Last updated by C.O.M.B. 10/31/09

Month	Approved Schedule Current Year		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT		
	9322	3088		M & I	Agr	Total	Evap	Div	Total	M & I	Agr	Total
Oct				744	227	971	19	971	990	759	231	0
Nov				0	0	0	0	0	0	0	0	0
Dec				0	0	0	0	0	0	0	0	0
Jan				0	0	0	0	0	0	0	0	0
Feb				0	0	0	0	0	0	0	0	0
Mar				0	0	0	0	0	0	0	0	0
Apr				0	0	0	0	0	0	0	0	0
May				0	0	0	0	0	0	0	0	0
Jun				0	0	0	0	0	0	0	0	0
Jul				0	0	0	0	0	0	0	0	0
Aug				0	0	0	0	0	0	0	0	0
Sep				0	0	0	0	0	0	0	0	0
Total				744	227	971						

Month	STORAGE WATER		CONVERSIONS		SCHEDULES AND REVISIONS		
	M & I	Agr	M & I	Agr	M & I	AG	Total
Oct	0	0	0	0	2,464	1,160	3,088
Nov	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0
Total	0	0	0	0	2,464	1,160	3,088

Month	REMAINING BALANCES	
	M & I	AG
Oct	1705	929
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	2098	2566

ITEM # 4a
 PAGE 6

TOTAL 11,475

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

Contract Year: 10/1/09 to: 9/30/10

Contract Entity: **Montecito Water District**
 Last updated by C.O.M.B. 10/31/09

Approved Schedule Current Year 2651
 Carryover Previous Year 1129

Month	TOTAL WATER USED		WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Total	M & I	Agr
Oct	178	165	7	343	350	182	168
Nov	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0
Total	178	165			343		

Total 2651 1129

STORAGE WATER M & I -168 Agr 168
 CONVERSIONS CURRENT SCHEDULE M & I 0 Agr 0

Month	SCHEDULE AND REVISIONS		REMAINING BALANCES	
	M & I	Agr	M & I	Agr
Begin Bal	1,129	0	779	0
ID#1 Ex+37	0	0	919	2423
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		
Total	1,129	0	779	2423

Total 2,651 37

ITEM # 4a
 PAGE 7

TOTAL 3,467

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

Contract Year: 10/1/09 to: 9/30/10

Contract Entity: City of Santa Barbara
 Last updated by C.O.M.B. 10/31/09

Month	Approved Schedule		Carryover Previous Year	WATER USE CHARGED TO CARRYOVER BALANCES			WATER USE CHARGED TO CURRENT ENTITLEMENT		
	Current Year	8277		4937	Evap	Div	Total	M & I	Agr
Oct					31	735	766	0	0
Nov				0	0	0	0	0	0
Dec				0	0	0	0	0	0
Jan				0	0	0	0	0	0
Feb				0	0	0	0	0	0
Mar				0	0	0	0	0	0
Apr				0	0	0	0	0	0
May				0	0	0	0	0	0
Jun				0	0	0	0	0	0
Jul				0	0	0	0	0	0
Aug				0	0	0	0	0	0
Sep				0	0	0	0	0	0
Total		8277	4937	735	0	735	766	0	0

Month	STORAGE WATER		CONVERSIONS		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec	0	0	0	0	0	0
Jan	0	0	0	0	0	0
Feb	0	0	0	0	0	0
Mar	0	0	0	0	0	0
Apr	0	0	0	0	0	0
May	0	0	0	0	0	0
Jun	0	0	0	0	0	0
Jul	0	0	0	0	0	0
Aug	0	0	0	0	0	0
Sep	0	0	0	0	0	0
Total	0	0	0	0	8,277	37

Month	REMAINING BALANCES	
	M & I	Agr
Oct	4171	0
Nov	4171	0
Dec	4171	0
Jan	4171	0
Feb	4171	0
Mar	4171	0
Apr	4171	0
May	4171	0
Jun	4171	0
Jul	4171	0
Aug	4171	0
Sep	4171	0
Total	4171	0

TOTAL 12,485

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

Contract Year: 10/1/09 to: 9/30/10

Contract Entity: Santa Ynez River Water Conservation District, ID#1
 Last updated by C.O.M.B. 10/31/09

Month	Approved Schedule		Previous Year		TOTAL WATER USED Acre-feet			WATER USE CHARGED TO CARRYOVER BALANCES Acre-feet			WATER USE CHARGED TO CURRENT ENTITLEMENT Acre-feet					
	Current Year	Storage Credit	Current Year	Storage Credit	M & I	Agr	Total	Evap	Div	Total	M & I	Agr	Total	M & I	Agr	Total
Oct	2651		839		6	0	6									
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	2651		839		6	0	6									

CONVERSIONS
STORAGE WATER
 M & I 0 Agr 0
CURRENT SCHEDULE
 M & I 0 Agr 0

Month	SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr
Begin Bal	839	61	881	1,770
Ex cwwd-24/gwd-55/city-37/mwd-37			(25)	(128)
Total	839	61	881	1,770
Oct				
Nov				
Dec				
Jan				
Feb				
Mar				
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total	2,651		(153)	

Month	COUNTY PARKS		REMAINING BALANCES	
	A.F. Used	M & I	Agr	M & I
Oct	6.45	50	0	856
Nov				
Dec				
Jan				
Feb				
Mar				
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total	6.45	50	0	1642

TOTAL 3,326

ITEM # 4a
 PAGE 9

Operations Report – October 2009

The average flow from Lake Cachuma into the Tecolote Tunnel for October was 80 acre-feet per day. Lake elevation was 733.65 feet at the beginning of the month and 732.32 feet at the end. Recorded rainfall at Lauro Dam was 5.79 inches for the month and 5.79 inches for the rainfall season, which commenced on September 1, 2009.

Santa Barbara wheeled 237 acre-feet of Gibraltar water through Lauro Reservoir during the month. 95 acre-feet of State Water Project water was wheeled through Cachuma Project facilities and delivered to South Coast Member Units during the month.

Conditions at Ortega Reservoir have remained consistent over the month, with weekly monitoring of drain flow, piezometer elevations and site conditions.

Other activities conducted this month include:

- Jesusita Fire recovery efforts at Lauro Reservoir during October continued with tree removal and erosion control measures around the eastern slopes of Lauro Reservoir. A complete progress report for Jesusita Fire recovery efforts is included in the board packet for the November board meeting.
- Training by North American Green and Aqua Flow for erosion control installation and Best Management Practices was given to the COMB field crew at Lauro Reservoir.
- Storm drain and road repair along the South Portal road in Glen Anne Canyon occurred, continuing the effort to keep the only road providing access to the South Portal Structure open.
- Mobile GIS training for Underground Service Alert management was presented to the COMB field crew by Spatial Wave, providing a mobile mapping and data accessibility option. The Mobile GIS system will also provide an Underground Service Alert management capability with remote accessibility linking the office system with field operations. The implementation of this mobile GIS system is a significant milestone in the growth of the COMB GIS system.
- The COMB Field Crew attended the Tri-Counties Training Seminar in Ventura, where a variety of Water System Infrastructure Topics were presented.
- Progress continued on the 2nd Pipeline and Mission Creek projects. A complete status of the projects is included in the board packet for the November COMB board meeting.

Routine operation and maintenance activities conducted during the month included:

- Sampled water at North Portal Intake Tower

- Monitored conduit right-of-way and responded to Dig Alert reports
- Read piezometers and underdrains at Glen Anne, Lauro and Ortega Dams
- Read meters, conducted monthly dam inspections, and flushed venturi meters
- Quarterly calibration in October of all venturi meters on the Upper Reach of the SCC

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

Wednesday, November 4, 2009

1. Call to Order

Rebecca Bjork called the meeting to order at 8:33 a.m.

Managers Present

Rebecca Bjork
Tom Mosby
Mike Kanno
Chris Dahlstrom
Charles Hamilton
Kate Rees

Others Present

Bill Hair
Janet Gingras
Ruth Snodgrass
Robert Dunlap

Kate Rees suggested that the Cachuma Issues, Item #7, be considered first to accommodate those who needed to leave early. The agenda order was changed to consider Item #7 following approval of the minutes.

2. Public Comment

There were no comments from the public.

3. Approval of Minutes, August 5, 2009

Chris Dahlstrom moved to approve the minutes for the August 5, 2009 meeting, seconded by Mike Kanno, passed 4/0/1, Tom Mosby was absent for this item.

7. Cachuma Issues

a. Discussion on Role of Operating Committee Members

Kate Rees suggested that the committee discuss what they perceive the role of the Operating Committee to be and how it should function. After extensive discussion, the committee members felt the Operating Committee should review agenda items that are not routine prior to those items being presented to the COMB Board, including policy issues, changes in staffing, financing and budget items, and COMB

CIP projects. It was agreed that the discussion should continue at subsequent Operating Committee meetings, and that a framework should be developed for the December 2nd meeting. Ms Bjork asked that Mr. Hamilton and Mr. Dahlstrom work with Ms Rees to develop a framework for discussion by the COMB Board on the appropriate role and responsibilities of the Operating Committee, potentially in January 2010.

b. Development of Cost Sharing Proposal to Non-Cachuma Project Members

Ms Rees referred to the Resolution passed by the COMB Board in response to CVWD's concerns, indicating that COMB would develop a cost sharing proposal for O&M and capital improvements to non-Cachuma Project agencies that use the SCC facilities for delivery of their state water. The committee agreed that La Cumbre, Morehart and Raytheon should first be contacted on an interest-based level which would allow them to have input into the process. Mr. Hamilton reported that Bert Bertrando, GWD, was of the opinion that these agencies are GWD customers so Goleta would take care of this issue directly. A cost sharing formula has not yet been developed, but Ms Rees indicated COMB staff would develop one.

c. COMB Staff Restructuring and Future Staffing Needs

Kate Rees reported that she intends to start the search for an Engineer for COMB. She requested feed back from the committee about hiring a part time Engineering consultant to fill a project manager role for COMB's CIP Projects during the hiring and training process for the new Engineer. Everyone agreed with this concept and indicated using engineering oversight consultants has worked very well for them. The committee was of the opinion that a selection committee should be established for the hiring process.

4. General Manager's Report

There was nothing to report.

5. COMB Capital Improvement Program

a. Revised CIP Bond Schedule/Contribution Agreement Funding Schedule

The latest schedule was included in the information packet.

b. Revised CIP Schedule 2010-2013

A schedule for the CIP projects prepared by AECOM was included in the packet.

c. 2nd Pipeline Project

There was nothing new to report.

d. Mission Creek Pipeline Project – Engineering Design Specs Review

The Mission Creek Pipeline project design is about 90% complete. Each of the four South Coast General Managers would like to receive a set of plans for review.

6. COMB Operations

a. Ortega Reservoir Leak

Robert Dunlap included in the packet the piezometer readings at Ortega Reservoir. The readings are regularly taken and there has not been a drastic change in the readings if the level of the reservoir is maintained at less than 10 feet. Tom Mosby reported that the legal process continues.

b. Jesusita Fire Activities

Included in the packet was a summary, some photos, and a spreadsheet showing cost and insurance reimbursement of damages caused by the Jesusita Fire around the Lauro Reservoir. Robert Dunlap highlighted the activities to date.

c. Mapplet System for USAs

Robert Dunlap reported that they are using a new system for Underground Service Alerts (USAs). The dig alerts are sent directly to field laptops that are equipped with GIS mapping and all drawing files for the South Coast Conduit. He reported that this method is currently being tested and compared with the email method that has been used in the past.

d. SCADA Issues

Robert Dunlap reported that COMB has only about a 70% signal completion for SCADA by using Verizon phone lines. The other Member Units reported that they have either already converted to using radio signals or are planning to do so. They all recommended sharing of information and radio usage among the agencies as it would be beneficial to everyone. Rebecca Bjork suggested that Robert talk to the SCADA department at the City as they are standardizing their system. Mr. Hamilton suggested that this item be evaluated by the CIP engineering group and be added to a future Operation Committee agenda to develop in more detail.

e. Report on Landowner Issues

This was deferred to the next meeting, however an email with general information will be sent to the General Managers.

8. Items for Next Meeting Agenda

There were no requests.

9. Date of Next Meeting:

The next Operating Committee will meet December 2, 2009 at 8:30 a.m. at the COMB office.

10. Adjournment

The meeting was adjourned at 11:05 a.m.

COMB OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: November 23, 2009
TO: Board of Directors
FROM: Kate Rees, General Manager
RE: **Establishment of Board Policy Regarding Changes to Work Orders**

Recommendation:

That the Board approve a Board policy for changes to work orders for COMB projects.

Discussion:

The COMB Board reviewed and made suggested changes to a proposed Change in Work Policy for COMB at its August, September, and October 2009 meetings. The Board policy is needed to for major construction projects to address change orders initiated by COMB or the contractor during construction to correct errors or omissions, to make changes to the project design once the project is under construction, or to accommodate unknown or unforeseen conditions during construction.

Staff has incorporated the Board's suggested changes from the October 26, 2009 meeting in the attached revised draft Change in Work Policy, and recommends approval.

Respectfully submitted,

Kate Rees
General Manager

Attachment

kr.comb/admin/ bd memos/112309_estab change order policy.mmo

ITEM # 4c
PAGE 4

CACHUMA OPERATION AND MAINTENANCE BOARD
MEMORANDUM

Date: November 3, 2009
To: Members of the Operating Committee
From: Kate Rees, General Manager
RE: **Jesusita Fire Activity Progress Report**

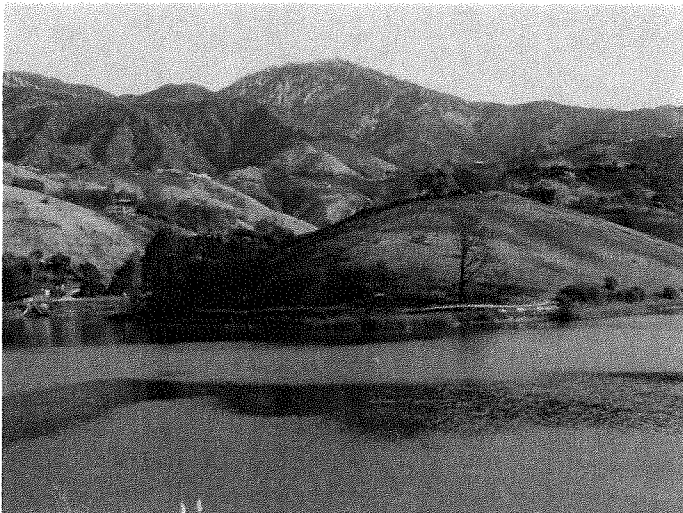
Recommendations: None

Discussion:

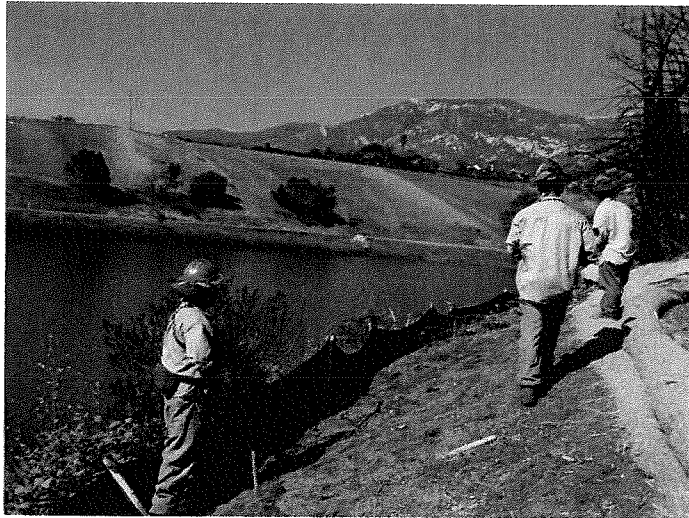
The removal of 95 pine trees destroyed from the Jesusita Fire will be complete in November, with the focus of post-fire restoration activities shifting to hydro-mulching and vegetation restoration during the upcoming months.

Project Status:

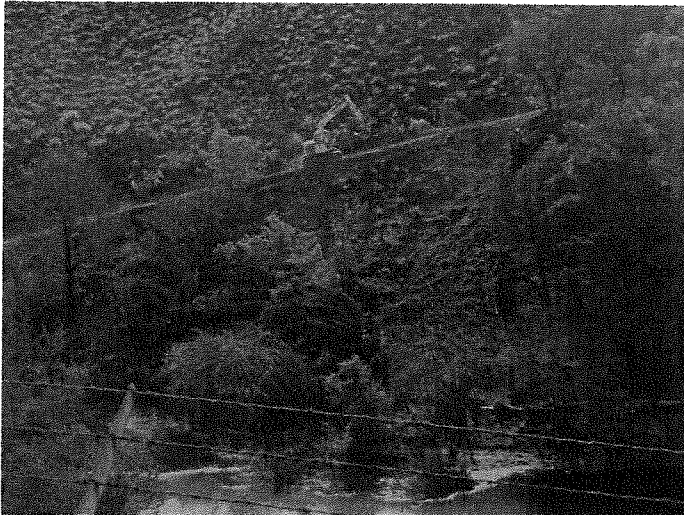
- Erosion control installation for logging debris complete
- Removal of 19 burned Pine Trees along Boy Scout Debris Basin complete
- Falling of 46 burned Pine Trees along Eastern Slope complete- Tree removal 40% complete to finish 11/5/09
- Removal of 30 burned Pine Trees along reservoir access road to be completed by CDF crews on 11/4/09



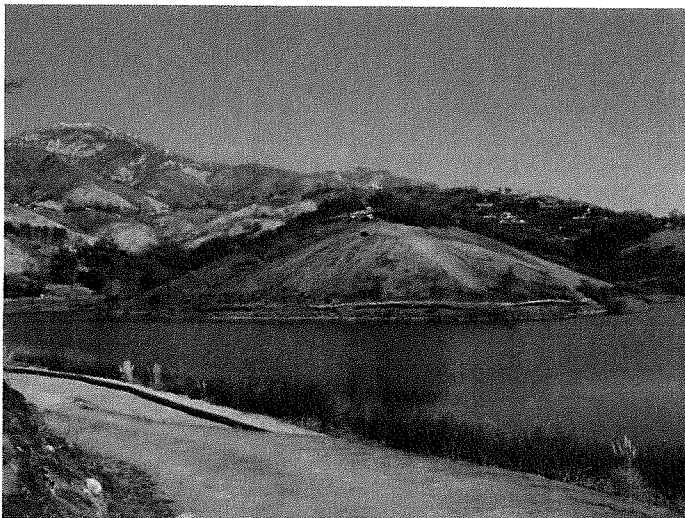
Picture 1 –Tree Removal along Eastern Slope 10/26/09



Picture 2 – CDF Erosion Control Installation



Picture 3 – Removal of 19 Trees at Boy Scout Debris Basin- Complete 10/23/09



Picture 4 – Falling of Pine Trees along Eastern Slope- Complete 11/2009

Zebra/Quagga Surface Survey Data

(Use Pencil Only)

Waterbody Cachuma Lake Reservoir

Date 10 / 15 / 09

Location Hwy 154, Santa Barbara County, SB County Parks Dept

Crew C.Culver, L. Mason

GPS 34.578333/119.956389

(Decimal Degrees, WSG 84)

Secchi Depth Various

Wave Chop 0

Linear Feet of:

Boat Ramp Bottom (100ft at marina, 200ft at ramp only)

Shoreline (100ft at marina, 200ft at ramp only)

Dock (200 ft)

Concrete Structures (100 ft)

Mooring Line (200 ft)

Logs/Woody Debris (100 ft)

Anchor/Dock Cable (100 ft) 346

Other See notes

% of Dock/Marina/Boat Ramp Searched N A

Zebra/Quagga Mussels Present? Y / N No

Specimens Collected? Y / N No

Exact GPS Location (if isolated occurrences):

Mussel Density (# of mussels):

Method (circle one):

1

Ruler / Petri

Ruler Length (if < 12 inches) _____

Substrate Type

2

Ruler / Petri

Ruler Length (if < 12 inches) _____

Substrate Type

3

Ruler / Petri

Ruler Length (if < 12 inches) _____

Substrate Type

Corbicula Clams Present? Y / N Yes

Snails Present? Y / N Yes

Other Mussel/Clam Species Present? Y / N No

Specimens Collected? Y / N No

ITEM # 4e

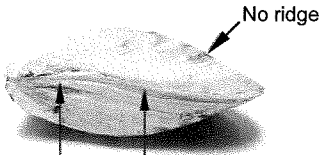
PAGE 1

Quagga Mussel

Dreissena rostriformis bugensis



- Shell: D-shaped and triangular; thin, fragile; smooth or shallowly ridged; solid light to dark brown or dark concentric rings; paler near hinge
- Attaches to hard and soft surfaces



Byssal groove

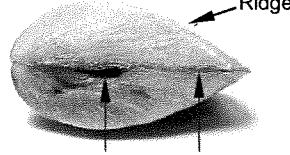
No ridge
Asymmetrical; curved midventral line; shells do not join together tightly

Zebra Mussel

Dreissena polymorpha



- Shell: D-shaped and triangular; thin, fragile; smooth or shallowly ridged; solid light to dark brown or striped
- Attaches to hard surfaces



Byssal groove

Ridge
Bilaterally symmetrical; join together in a midventral line

Asian Clam

Corbicula fluminea



- Shell: fan-shaped and symmetrical; thick, hard; deep ridges; solid light to dark brown; may have a white patch near hinge
- Burrows into sand or mud; never attaches to structures
- Dead shells often found along shoreline

Map of sampling location:

Place empty circles (○) in areas that were surveyed but no mussels were found. Place circles with plus sign (⊕) where mussels were found, and number 1, 2, or 3 to correspond to GPS coordinates.

Please see attached documents: Quagga Inspection May 2009.10.15 and Cachuma Quagga Survey Stations 2009.10.15

Did weather conditions negatively affect sampling conditions? Y / N

Comments 11 sampling stations in teh Cachuma Lake marina at various depth, inc 346 feet on line were surveyed.

Surface surveys are no longer collected due to the high light levels at water surface.

See attached files of sampling station details as noted above.

ITEM # _____ 4e
PAGE _____ 2



SANTA BARBARA COUNTY PARKS DEPARTMENT
 610 Mission Canyon Road
 Santa Barbara, CA 93105-2911
 (805) 568-2461 • FAX (805) 568-2459
 www.sbparks.org



**Cachuma Lake Marina Monthly Quagga Survey Map:
 Sampling stations and lines, docks, boat ramp, boat-
 house, logs**

See survey and station details in files:

Cachuma Quagga Surface Survey 2009.10.15

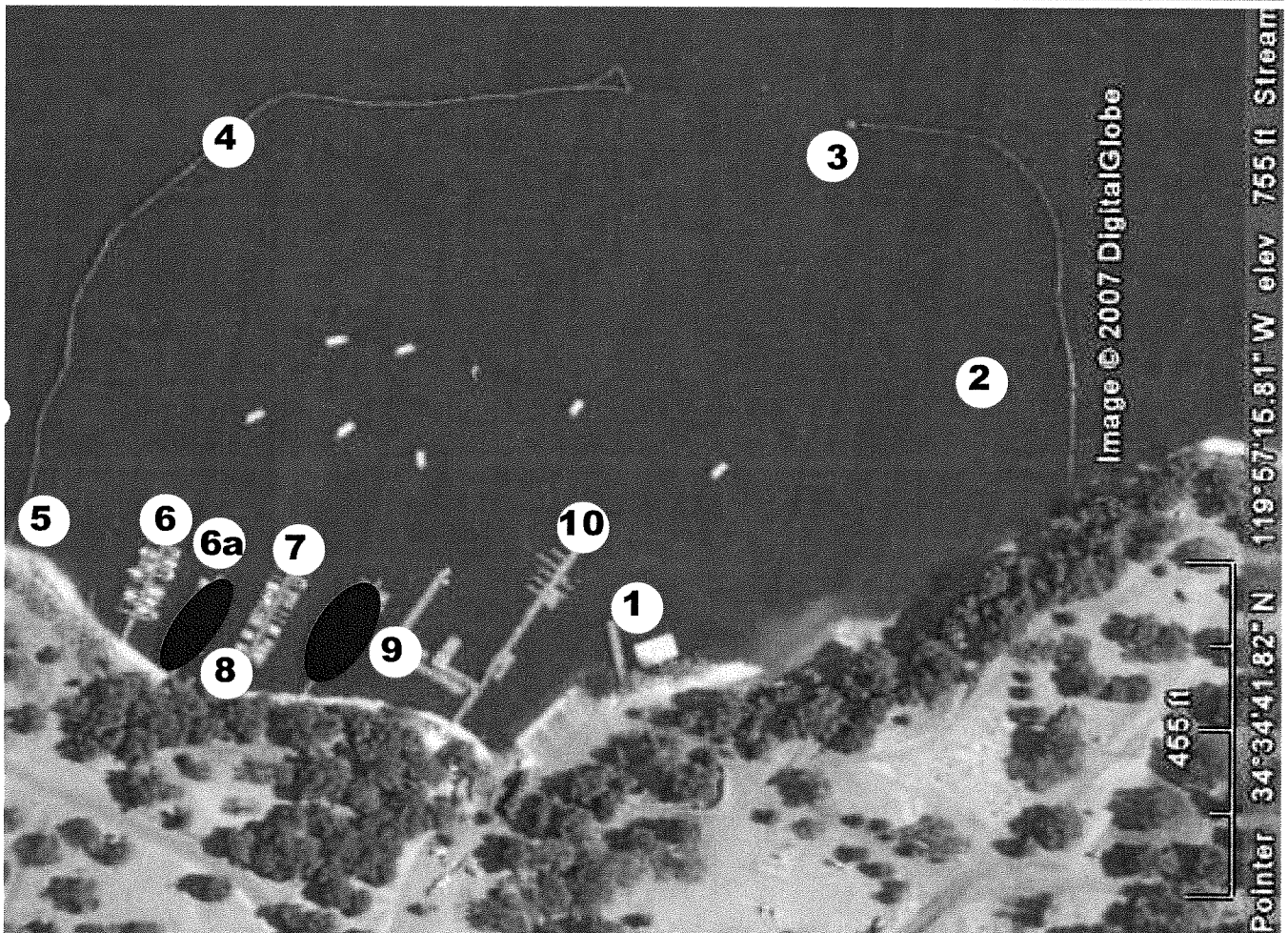
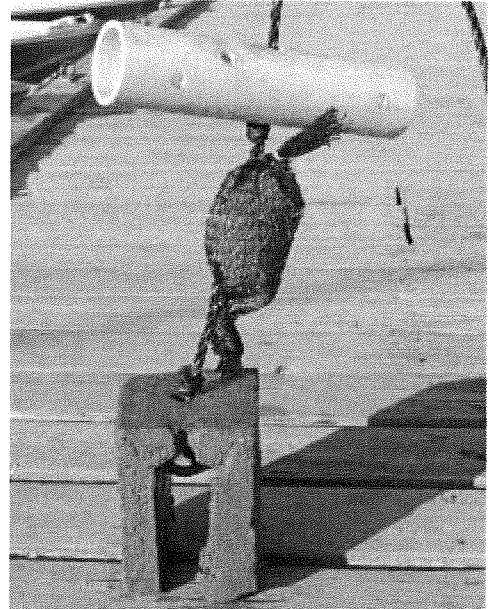
Cachuma Quagga Survey Stations 2009.10.15

Inspection Date and Time : 2009.10.15 at 09:00 - 12:00
 Surveyors: Carrie Culver (UC Extension), Liz Gaspar (SB
 County Parks)
 Lake Elevation: 733.00 from maximum of 753 feet

Summary: NO MUSSELS FOUND; 11 Stations are in place.

○ Denotes monitoring stations or sites

Sampling Station: Each sampler is a 7 x 7 inch cinder block with a 10-inch PVC pipe suspended horizontally just above the cinder block. Line material is yellow plastic boating line. "Tuffies" (plastic webbing) were added to stations in August 2008. See station details for locations and depths.



Cachuma Lake Marina Monthly Quagga Survey: Sampling Station Details

Inspection Date: 2009.10.15
 Inspection Time: 9:00 - 12:00
 Lake Elevation from max 753': 733.00 feet
 Surveyors: Carrie Culver UC Extension/Sea Grant & Liz Gaspar SB County Parks

Station #	Location description	Secchi Depth @ 10 Feet & Temp Deg F	Lake Depth Feet	Anchor Depth Feet	PVC Depth Feet	Tuffy Depth Feet	No. of Knots	NOTE: No samples were collected.	Mussels ?	Stn #
Station 1	Boathouse, far end of E finger, on cleat @ 8' lake depth	2.3m 69F	8'	15' (8)	13' (8)	13' (8)	3	PVC, line, knots, cinder block checked. NOTE: LINE ON LAKE BOTTOM Samples: 0. Organisms: 7 snails on PVC, 1 on block; medium bryozoan and ample jelly blobs on PVC	No	Stn 1
Station 2	S logboom on N end of 1st log	Secchi on bottom @ 1.8m 69F	30'	15'	13'	13'	3	PVC, line, knots, cinder block checked. NOTE: LINE ON BOTTOM Samples: 0. Organisms: Light Bryozoan on PVC; 1 snail and 1 worm (encased in segmented green casing) on block; 2	No	Stn 2
Station 3	Logboom platform at entrance, E side	2.5m 69F	125'	65'	63'	1 @ 34' 1 @ 64'	4	PVC, line, knots, cinder block checked. Downloaded temp/light data from 3 loggers at 10', 20', 30' Samples: 0. Organisms: Bryozoan on electrical tape on rope. Algae: None--very clean	No	Stn 3
Station 4	N logboom, 14th log from S end, attached to chain on NE side, far	2.4m 69F	135'	65'	63'	1 @ 45'; 1 @ 63'	4	PVC, line, knots, cinder block checked. Samples: 0. Organisms: Bryozoa on rope between 2.9 - 4.3 m. Algae: None--very clean	No	Stn 4
Station 5	N logboom 3rd log from shore, attached to shore end	2.2m 69F	20'	18.5'	17'	17'	5	PVC, line, knots, cinder block checked. NOTE: SAMPLER ON LAKE BOTTOM Samples: 0. Organisms: Very low bryozoan, 1 leech, and low level of jelly blobs on PVC; several snails on upper portion of rope. Algae: None	No	Stn 5

G:\CACHUMA\QUAGGA MUSSELS\Quagga Inspections\Cachuma Marina Quagga Surveys\COMPLETED MARINA SURVEY DATA\Survey Stations\Cachuma Quagga Survey Stations 2009.10.15.xls

ITEM # 4e
 PAGE 4

Station #	Location description		Lake Depth Feet	Anchor Depth Feet	PVC Depth Feet	Tuffy Depth Feet	No. of Knots	Notes	Mussels ?	Stn #
Station 6	Far N dock at E end; S side; 13th slip from shore	2.25m 69F	55'	42.5	42	42	12	PVC, line, knots, cinder block checked. Samples: 0. Organisms: Light bryozoan on all surfaces Algae: Light at upper end of rope	No	Stn 6
Station 6b (formerly 6a)	21' Line along length of slip; attaches by Stn 6		55'	0	NA	1	3	PVC, line, knots, cinder block checked. Samples: 0. Organisms: Light bryozoan on entire rope. Algae: Light on entire rope	No	Stn 6b
Station 7	Middle dock at E end	2.2m 69F	55'	36'	34'	34'	9	PVC, line, knots, cinder block checked. Samples: 0. Organisms: Very light bryozoan on PVC and rope; Moderate bryozoan & 2 clams on block Algae: low near surface; clean otherwise	No	Stn 7
Station 8	Middle dock at W end; slip 4	2.1m 69F	20'	19'	17.5'	17.5'	6?	PVC, line, knots, cinder block checked. Samples: 0. Organisms: 20+ bloodworms on upper rope; several snails on rope and inside PVC; jelly blobs on PVC; 2 Corbicula on block	No	Stn 8
Station 9	Washing dock; corner adjacent to tool cabinet	2.2m 69F	38'	20.5'	19'	19'	7	PVC, line, knots, cinder block checked. Samples: 0. Organisms: Very light bryozoan on rope and block; ample jelly blobs, 1 snail, 1 crayfish (5 cm) on block Algae: None	No	Stn 9
Station 10	1st wood dock N of launch ramp; E end	2.25m 69F	40'	25'	24'	24'	2	PVC, line, knots, cinder block checked. Samples: 0. Organisms: Light bryozoan on block, PVC and a little on rope; moderate jelly blobs on PVC Algae: Low	No	Stn 10

G:\CACHUMA\QUAGGA MUSSELS\Quagga Inspections\Cachuma Marina Quagga Surveys\COMPLETED MARINA SURVEY DATA\Survey Stations\Cachuma Quagga Survey Stations 2009.10.15.xls

ITEM # 4e
PAGE 5



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

**Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: October 2009**

VESSEL INSPECTIONS/Launch Data:

Boat Launch Data – October 2009		
Inspection Data		
Total Vessels entering Park	442	
Total Vessels launched	428	
Total Vessels Quarantined	14	3%
Returning with Boat Launch Tag	356	83%
Arriving new: Inspected, washed	72	17%
Launched w/ 4-stroke engines	194	45%
Launched w/ 2-stroke engines	234	55%

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

Quarantine Reasons -- May be several for 1 boat		
Water in bilge	2	
Debris on hull	0	
Plug installed	1	
Infected areas	0	
Out-of-state	2	
Unspecified	9	

Demographic Data		
Quarantined from infected areas	2	
Quarantined from SB County	7	

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 November 4, 2009.

CACHUMA LAKE QUAGGA SURVEY:

Summary: No Dressenid Mussels Present.

Inspection site: Cachuma Lake Marina, Santa Barbara County, California

Inspection Date and Time: 2009.10.15; 09:00 – 12:00 PDT

Method: 11 PVC/Cement/Plastic Mesh Sampling Stations; 346 linear feet of line

Surveyors: Carrie Culver (UC Extension), Liz Gaspar & (SB County Parks),

Lake Elevation: 733.00 from maximum of 753 feet

Prepared by Liz Gaspar, Park Naturalist, Cachuma Lake Recreation Area

CACHUMA RESERVOIR

DISPOSITION OF 2008 SURCHARGE WATER

(UNOFFICIAL)

DATE	DESCRIPTION	FISH RELEASE FROM SURCHARGE (acre feet)	SURCHARGE BALANCE (acre feet)	FISH RELEASE FROM PROJECT YIELD (acre feet)
3/9/2008	End of Spill		8,300	
3/31/08	March	759	7,541	
4/30/08	April	620	6,921	
5/31/08	May	746	6,175	
6/30/08	June	394	5,781	
7/31/08	July	1,235	4,546	
8/31/08	August	1,038	3,508	584
9/30/08	September	308	3,200	737
10/31/08	October		3,200	597
11/30/08	November		3,200	310
12/31/08	December		3,200	340
1/31/09	January		3,200	329
2/28/09	February		3,200	377
3/31/09	March		3,200	494
4/30/2009	April		3,200	1,014
5/31/2009	May		3,200	1,022
6/30/2009	June		3,200	1,269
7/31/2009	July		3,200	1,097
8/31/2009	August		3,200	1,104
9/30/2009	September		3,200	605
10/31/2009	October		3,200	
*** TOTAL		5,100	3,200	9,879
11/30/2009	November (projected)			400
12/31/2009	December (projected)			400

kr\comb\cachuma 2008 surcharge account 113009

Memorandum

TO: COMB and CCRB Board of Directors

FROM: Kate Rees
General Manager

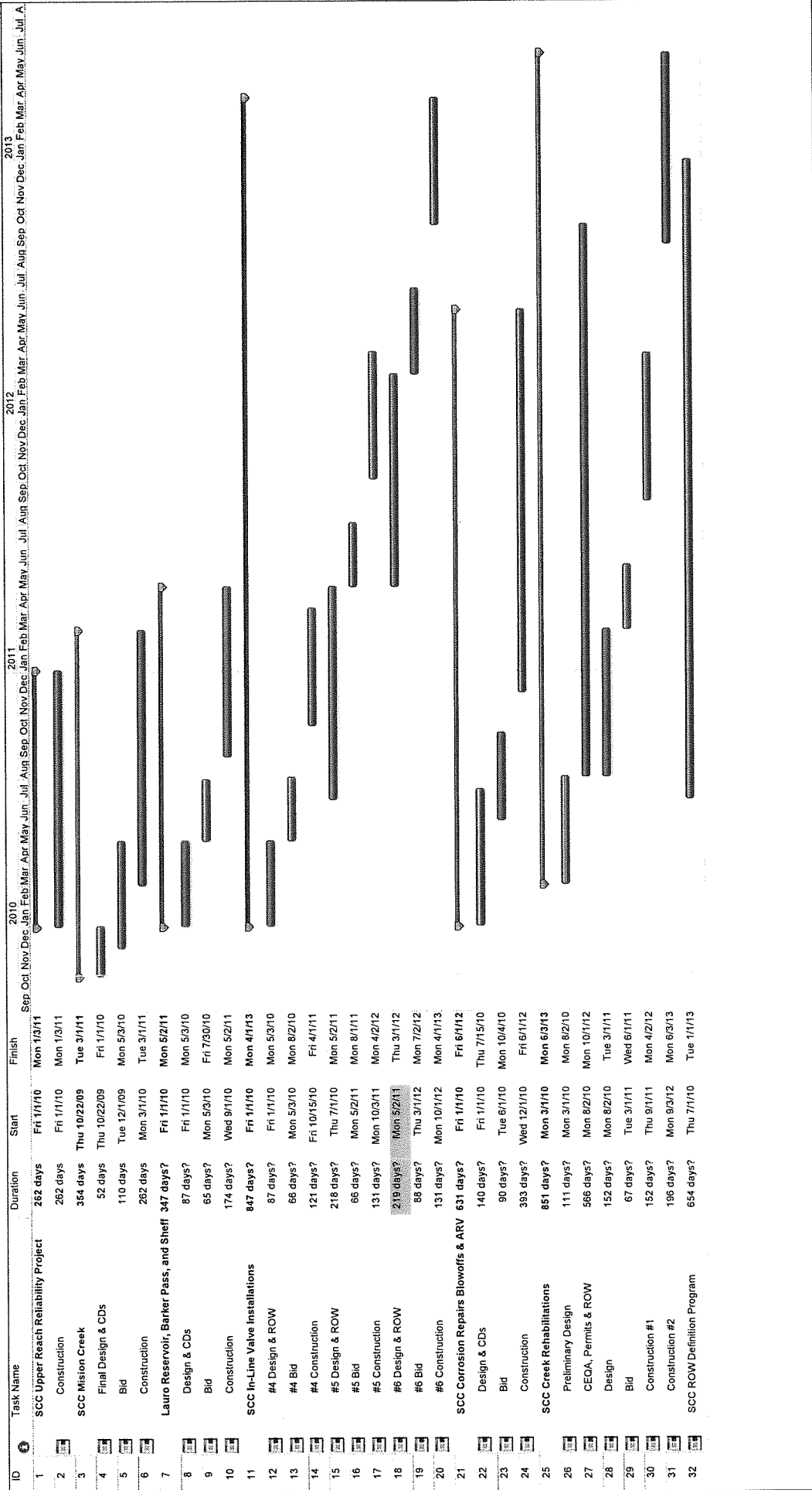
SUBJECT: COMB and CCRB Regular Board Meeting Dates/Board Packet Information Deadline

The following are the scheduled meeting dates for calendar year 2010:

Board Meeting Date	Day	Board Packet Information Deadline
January 25	4 th Monday	Monday, January 18
February 22	4 th Monday	Tuesday, February 16
March 22	4 th Monday	Monday, March 15
April 26	4 th Monday	Monday, April 19
May 24	4 th Monday	Monday, May 17
June 28	4 th Monday	Monday, June 21
July 26	4 th Monday	Monday, July 19
August 23	4 th Monday	Monday, August 16
September 27	4 th Monday	Monday, September 20
October 25	4 th Monday	Monday, October 18
November 22	4 th Monday	Monday, November 15
December 20	3 rd Monday*	Monday, December 13

* December meeting is on the 3rd Monday, due to the Christmas Holidays.

Cachuma Operations & Maintenance Board
Capital Improvements Schedule
Rev 0 - October 2009



PAGE 1

Project Status South Coast Conduit/Upper Reach Reliability Project and Mission Creek South Coast Conduit Crossing and Fish Passage Project

Project	Engineering Design	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 completed 7/30/09.	Final Environmental Impact Statement/Environmental Impact Report completed February 2009.	Permit to Enter, Right of Way Agreement and Easement Deed completed for all impacted landowners.	Revegetation plan in progress by SAIC. Weed abatement of 2nd barrel alignment completed 7/30/09 for 2009 growing season.	Weed Identification and Removal Manual completed March 2009. Draft Special Status Species Protection Plan complete April 2009.	1. Pre-Qualification distributed April 2009. 2. Pre-bid contractor site meeting on 8/20/09 conducted by AECOM and COMB 3. A second follow-up contractor site visit was conducted on 9/4/09.	Construction Management Services awarded to AECOM/Boyle and approved by board 6/22/09.	The contractor bid took place on 9/10/09, with a total of seven bids submitted. The contractor bids are currently being reviewed, with a contract to be awarded 90 days from the bid date of 9/10/09.
Mission Creek South Coast Conduit Crossing and Fish Passage Project	Technical specifications pending.	Initial Study/Draft MND complete April 2009. Final MND pending USBR review. Landowner comments incorporated into Final MND.	Permit to Enter completed for all impacted landowners.	Revegetation plan in progress by SAIC.	Biological Resources Survey Report completed February 2009.			Award Contract for Construction November 2009.

**Please see Permit Status Tabs for project permit update*

*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	1. Complete 9/1/09 Waiting for consultation note. 2. Received Consultation note at COMB on 11/4/09	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	Pending - Target Date Nov 10 ±	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.
U.S. Army Corps of Engineers (USACE) Section 404 Permit	Section 404 of the Clean Water Act (CWA) permit	Pending - Target Date Nov 10 ±	Waiting on Sections 106 and 7 consultation completion with NMFS. Application dated 2-2009. Nationwide Permits 12 & 33.
U.S. Bureau of Reclamation	MP620 permit for additions and alternations	Not required.	No application yet. Scheduled for close to end of project.
State Historic Preservation Office	Section 106 of the National Historic Preservation Act review	Pending Draft report dated 7-2009 No concerns. Need Reclamation acceptance (1 wk) Need Reclamation to request consultation (1 wk) Then 30 days. Target date 12/1/2009	1. Draft CA-SBA-1775 Testing Report completed by Applied Earthworks June 2009. Report concludes that site is not eligible for the National Register, and pipeline may be constructed through it. 2. USBR review of Draft CA-SBA-1775 complete, with changes requested from Applied Earthworks. AE to complete 10/2009. 3. AE completed requested edits and forwarded back to USBR- USBR to accept changes, approve and send to SHPO.

*Red italic text indicates update

Permit Status: Mission Creek South Coast Conduit Crossing and Fish Passage Project

Agency	Permit	Status	Notes	Action Req'd
U.S. Army Corps of Engineers (USACE) Section 404 Permit	Section 404 of the Clean Water Act (CWA) permit	Pending Application dated 2-2009 Nationwide Permits 12 & 33	1. Originally submitted to Sacramento office should go to Crystal Huerta in the Ventura Office. (Per Rosie Thompson.) Will be resubmitted 7/23/09 with AECOM distribution of design specifications. 2. Emails from Rosie of SAIC (dated 8/14/09) indicated: NWP #33 req'd under Section 404 for dewatering + NWP #12 + NWP # 27 also req'd. 3. On 9/10/09, COMB submitted response to USACE request for add'l information including Section 401 application. 4. On 10/16/09 COMB submitted a Preliminary Jurisdictional Determination form with MND to Theresa Stevens. 5. Section 7 USACE consultation completed 10/20/09 and sent to NOAA. Consultation will be informal.	(COMB): 1) Follow up with NWP #33, #12, and #27. 3) Send Final Section 401 Certification to USACE once in hand.
National Marine Fisheries Service (NMFS)	Section 7 of the Endangered Species Act Consultation	Pending Part of 404 - no separate application. Revetation Plan is accepted.	1. Pending USBR review - rosie to draft letter to USBR requesting review. 2. Email from Michael Kinsey (9/9/09) indicating USBR approves USACE taking lead on Section 7 Consultation.	
U.S. Bureau of Reclamation	MP620 permit for additions and alternations	Pending	Pending COMB	
State Historic Preservation Office	Section 106 of the National Historic Preservation Act review	Pending	Pending CEQA document completion, will be reviewed by USBR	
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)	Pending	1. Email from Brandon Sanderson of CC RWQCB (dated 8/28/09) indicated: Application for 401 Cert was WITHDRAWN until CEQA compliance has been met. Water Board is awaiting further notification of CEQA compliance prior to issuing 401 Certification. 2. Email from Brandon Sanderson of CC RWQCB (dated 8/28/09) indicated: Separate permit not req'd for diversion of creek or pipeline trenching (covered under 401 Cert once issued). 3. CC RWQCB will not require a "Linear Construction SMALL LUP General Permit" <i>Target date: January 1, 2010</i>	(COMB/SAIC): Finish CEQA and notify CC RWQCB of status.
California Department of Fish and Game (CDFG)	Streambed Alteration Agreement	Issued 7/27/2009 Doesn't "expire". Must have a copy of the letter, application and all attachments available at the work site at all times.	Notification# 1600-2009-0063-RS issued- CDFG action period expired 6/30/2009 and agreement was issued automatically as a result of expired action period. Standard Permit conditions.	None
Caltrans	Encroachment Permit # 0509-NUB-0017	Original Issued 5/20/09; Rider Issued 7/1/09	1. Permit expiration date is 12/31/10. 2. Contractor's req'd to apply and pay for "Double Permit" at \$492.00. 3. Temporary road/bridge closure at the Route 192/Foothill Rd Bridge (Bridge No. 51-105PM 3.36) = 1-week MAXIMUM at any one time. 4. Contractor cannot park/operate heavy equipment on the bridge without permission from Caltrans.	None
City of Santa Barbara	Temporary Traffic Control Permit No: PBW 2008-01878	Original Verbally Issued 12/02/08 Permit expires end 2009.	1. Permit verbally issued over phone to Cesar Romero. City does not provide hard copy of permit until Construction is set to begin. City Public Works Counter Staff indicates permit should be picked up/paid for 2-4 weeks before work starts 2. Cost of Permit = \$218.00. 3. Temporary traffic detours (through City Limits) are currently permitted for a 6-week period from October 1 to November 15; and a one week period after the SCC is in operation. Road closure duration = 1 week MAXIMUM at any time.	(AECOM/COMB): Need to EXTEND Permit duration through 2010 (City Traffic/Public Works staff unresponsive to AECOM calls and emails)
County of Santa Barbara	Flood Control Permit	Pending	1. County Flood Control has been contacted (9/2009) to verify if permit is needed. Waiting on response. 2. Flood Control responded via email on 10/29/09 they are currently reviewing the project. 3. 11/16/09: Flood Control completed project review and the determination was made that a permit from Flood Control for the project will not be necessary. However, it was advised that the City of Santa Barbara be contacted to evaluate the water surface elevations within the floodway.	COMB- Contact City of Santa Barbara re: water surface elevations

ITEM # 5 a-b

PAGE 2

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

November 9, 2009

Dear Kate:

Subject: Schedule Issues: Mission Creek Pipe Crossing Replacement

As requested we have compiled the following list of potential project impacts if the Mission Creek project is delayed a year or more.

- ▶ Renegotiation of temporary easement with Tennis Club, which expires December 31, 2010.
- ▶ Renegotiation of temporary easement with Knoll which expires June 29, 2011.
- ▶ Potential loss of or impact to CalTrans Permit, which expires December 31, 2010.
- ▶ Potential loss of or impact to City Encroachment Permit.
- ▶ Potential pipe failure prior to repair.
- ▶ Potentially higher construction costs due to inflation and changes in the public bid climate.
- ▶ Potential impacts to the ongoing CEQA and permitting process.
- ▶ Impacts to design, ROW, permit, and project management services.

Please call if additional clarification is required.

Sincerely,



Glen M. Hille, PE
Vice President and Regional Quality Manager

cc: Andy Romer
Robert Dunlap



Carpinteria Valley Water District

1301 Santa Ynez Avenue • Carpinteria, CA 93013
Phone (805) 684-2816 • Fax (805) 684-3170

BOARD OF DIRECTORS

Frederick Lemere
President
June Van Wingerden
Vice President
Robert R. Lieberknecht
Matthew T. Roberts
James W. Drain

November 12, 2009

GENERAL MANAGER

Charles B. Hamilton

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

Dear Ms. Rees,

Please be advised that the Board of Directors of Carpinteria Valley Water District, at its regularly scheduled Board meeting held on November 4, 2009 by a 4-1 vote declined to participate in the funding of the "Second Barrel" Project of the Cachuma Operation and Maintenance Board's (COMB) Capital Improvement Program "Project 2009," but will consider participation in the other six projects identified in COMB's "Project 2009" list on a project by project basis as they are presented at COMB for funding.

This difficult decision reflects the District's difficult financial situation, newly developed and preliminary rate and budget projections for the next fiscal year, and a need to guard against any discretionary use of its emergency reserves in the face of certain other needs of great but still unknown magnitude. The Board also generally rejects the use by COMB of Cachuma entitlement based formulas for cost sharing for the "Second Barrel" project. Due to its localized benefit nature, it is more like an Ortega Reservoir Cover Project that was paid for solely by the benefiting agencies, namely Montecito and Carpinteria Valley Water Districts, than a repair or replacement of some original part of the Cachuma South Coast Conduit structure that justifies the continued use of the Cachuma entitlement based formulas for cost sharing. For additional information about this perspective please find the attached text of the remarks I presented at the Goleta Water District Board meeting on November 10, 2009.

The District remains committed to vigorous and responsible participation as a member of COMB. It fully expects to contribute its fair share in all of COMB's costs associated with the important and essential operations and maintenance activities of the Cachuma Project. Once the "Second Barrel" project is constructed, for example, activities associated with the repair and maintenance of the existing older conduit, barring any mutually agreed upon changes to cost sharing, would clearly fall within the established cost sharing methodology based on Cachuma entitlements. Hopefully these as yet unknown costs will not be of such a magnitude that we cannot collectively address them without some new proposed long term financing.

More than ever, it seems not only prudent but imperative that COMB take steps now to create a collaborative planning process toward the development of a Cachuma Strategic and Capital Facilities Plan. Please consider the attached one page handout I presented to COMB

in January about this need. Perhaps the \$80,000 approved by COMB for a Cachuma Project "cost/benefit and/or cost sharing" analysis can be used to begin this effort.

I look forward to working collaboratively with you and all others who are part of the on-going COMB success story, for many more years.

Sincerely,



Charles B. Hamilton
General Manager

Cc: Board of Directors, Carpinteria Valley Water District
Matt Naftaly, Water Agency Manager, County of Santa Barbara
Michael Jackson, Area Manager, U.S. Bureau of Reclamation

**Remarks to Goleta Water District Board 11/10/09 by Charles Hamilton, GM,
Carpinteria Valley Water District**

Good evening President Bertrando and Directors. Thank you for the opportunity to speak this evening. I hope my remarks will be helpful.

First let me say that I share your disappointment that we have all not done so well with the structure and process that we have been working with over the last year or so related to the COMB Capital Improvement Program, and in particular the Second Barrel Project. I am hopeful that we can recover some lost ground.

I wish to briefly state my District's position for your consideration.

The Second Barrel Project is a very expensive project addressing capacity management and reliability issues for the City of Santa Barbara and Goleta Water District. **The needs it will meet are not those created or caused by Carpinteria Valley Water District**, but in large measure by Goleta Water District above Lauro Reservoir and/or the City of Santa Barbara, and Montecito Water District below the Cater Treatment Plant.

The Project will provide a much greater flow capacity to both Goleta Water District's **Corona del Mar Treatment Plant** and Santa Barbara's **Cater Treatment Plant**.

It will ensure flows of untreated water at the **Goleta West turnout**, not affecting the Corona del Mar or Cater Treatment Plants.

It will enable **flows considerably greater** than what is currently required by Goleta's Corona del Mar Treatment plant.

It will enable higher flows needed by the City of Santa Barbara to maintain adequate supply to the Cater Treatment plant during periods of high demand.

It will provide the capacity needed by the City of Santa Barbara to manage its **Gibraltar pass-through water**.

For **Goleta in particular** and Santa Barbara secondarily it will provide **a high level of South Coast Conduit redundancy**, but very little for the Carpinteria Valley.

Due to the **physical limitations of the Cater Treatment Plant**, **other pinch points restricting flows** in the South Coast Conduit south of the Cater Plant, and the **increasing demands for water by Montecito Water District** upstream of Carpinteria Valley, the Second Barrel offers only ancillary reliability benefits for Carpinteria Valley Water District. The Project basically fits the definition of a localized benefit project not unlike the Ortega Reservoir Cover Project paid for entirely by Montecito and Carpinteria Valley Water Districts, not Goleta and not Santa Barbara.

Time for a Strategic Plan for the Cachuma Project?

January 26, 2009

Recommendation:

That COMB take lead action as soon as possible to create a task force or committee inclusive of COMB, Member Unit, Bureau of Reclamation and County of Santa Barbara representatives, to prepare a proposal for a comprehensive “strategic planning process” leading to a strategic plan for the Cachuma Project.

A Cachuma Project strategic plan would address issues of future Project ownership, management, operations and maintenance, and define and delineate roles and responsibilities of the Member Units, COMB, the Bureau and the County of Santa Barbara.

Background:

- 1) COMB Member Units will have paid off the Cachuma **Project** debt to the U.S. Bureau in 2015.
- 2) COMB Member Units (Carpinteria Valley and Montecito Water Districts) have constructed and taken ownership of large covers on the Ortega and Carpinteria Dam and Reservoirs - **Project** facilities.
- 3) The Bureau in partnership with COMB has completed major improvements to various Cachuma **Project** facilities including seismic upgrades for Bradbury and Lauro Dams, and gates construction at Bradbury Dam related to capacity.
- 4) The Bureau in partnership with the County of Santa Barbara has implemented Modified Storm Operations (flood control) protocol for the **Project**.
- 5) The Central Coast Water Authority in partnership with Bureau (Warren Act Agreement that expires 2022) wheels State Water Project water through the **Project**.
- 6) COMB in partnership with the Bureau has completed major **Project** modifications and new projects to address public trust issues including Steelhead recovery.
- 7) COMB is considering a major **Project** addition and enhancement – the Second Barrel Pipeline - to augment and parallel the South Coast Conduit in the Goleta reach - to be owned by the Bureau.
- 8) COMB is considering partnership with the County of Santa Barbara, contractor with the Bureau, relative to the control of recreational uses of the **Project** at Lake Cachuma relative to Quagga mussels, etc.

COMB OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: November 23, 2009
TO: Board of Directors
FROM: Kate Rees, General Manager
RE: **Award of Construction Contract for the SCC Upper Reach Reliability Project (2nd Pipeline Project)**

Recommendation:

That the Board consider and approve one of two options regarding award of the construction contract for the SCC Upper Reach Reliability Project.

Discussion:

The COMB Board approved solicitation of construction bids for the 2nd Pipeline Project on July 27, 2009 to all pre-qualified contractors. Bids were due and opened on September 10, 2009, and the apparent low bidder was Don Kelley, Construction. The bid document stated:

Award of Contract or Rejection of Bids: Within a period of 90 calendar days after the opening of bids, the Owner will accept or reject the bids.

The 90 day period ends December 9, 2009. Due to the extensive delay in getting a COMB bond and other funding documents approved for the 2nd Pipeline Project, at this point there is no way to meet that deadline unless all approvals for all legal documents from all Boards are completed by November 25, 2009, at the latest. Doug Brown, COMB's Bond Counsel, has advised us that a minimum of 2 weeks is needed to post the Preliminary Official Statement, sell the bonds, and close. Mr. Hair and Mr. Brown have also advised that COMB must have the funds in the bank before awarding the construction contract.

There are two options that the Board may consider:

1. Reject all bids and re-bid the project after all approvals have been attained from each Member Unit and COMB. This means COMB would lose the contractor's low bid, The average of the bids received was \$9.3 million with a range between about \$11 million and \$8 million. So there is a strong possibility that new bids will come in higher, even in today's competitive bidding climate. Glen Hille, the design engineer, believes they could be as much as \$1 million higher. This is a difficult project and all 11 contractors have extensive experience in building pipeline projects. We would request bids from the same pre-qualified contractors.
2. Let the award date pass and do nothing at this time. The provision in the bid specs does not say that if the award is not made within the 90 calendar day period that all bids will be deemed rejected. So there is nothing in the bid specs that would prevent

ITEM # 7
PAGE 1

COMB from doing nothing at this time. In this case, the apparent low bidder would not be able to guarantee his bid price beyond the 90 day period.

Under either option, it is essential to complete the funding approval process as quickly as possible because if too much time goes by, the window in which to construct the project next year will be lost. If it is delayed a year, we may run into the Prop 50 completion deadline which is December 2012

Respectfully submitted,

Kate Rees
General Manager

kr.comb/admin/ bd memos/112309_2nd pipe contract award.mmo

ITEM # 7
PAGE 2

CHANGE IN WORK POLICY

Purpose

To implement policies and procedures for approving changes to the design requirements and/or scope of work on construction projects which causes an adjustment to the Contract Amount or Contract Time of a project while under construction.

Policy

The Cachuma Operation and Maintenance Board's (COMB) policy will generally follow the "Greenbook – Standard Specifications for Public Works Construction, Section 3 – Changes in Work", typically used by public agencies. In case of conflict between the Standard Specifications and the Contract Provisions, the Contract Provisions shall prevail. Projects under construction require the execution of a change order to modify the engineering design requirements and/or scope of work on construction which results in an adjustment to the Contract Amount or Contract Time (time of construction). Change orders that cause the total project cost to exceed \$1,000,000 must be approved in accordance with section 1.3 (h) (iv) of the 1996 Amended and Restated Agreement for the Establishment of a Board of Control to Operate and Maintain the Cachuma Project - Cachuma Operation and Maintenance Board, as amended September 16, 2003. This Change in Work Policy will remain in effect unless changed by the COMB Board, including on a project by project basis.

Deleted: ()
Deleted:)
Deleted: to

A proposed change order will be considered:

- 1) For changes in work required by COMB.
- 2) When essential design/work has been inadvertently omitted or understated.
- 3) To correct errors in plans and/or specifications.
- 4) To correct engineering designs when field or project conditions are exposed and found to differ from that represented in the plans and specifications.
- 5) When weather or other unavoidable events cause construction delays and additional time is needed for completion of the work.

Change orders shall be submitted in writing to COMB's Engineering Construction Manager (Construction Manager) by the Contractor in advance of the proposed work being performed by the Contractor. The General Manager, or designee, is authorized to approve change orders up to 10% above the total contract amount previously approved by the Board, or up to \$200,000, whichever is less. The General Manager, or designee, may not approve a single change order greater than 25% of the total authorized change order amount for projects over \$100,000. Proposed change orders that exceed the General Manager's approval authority require COMB Board approval in advance, except under extraordinary conditions described below.

Deleted: for
Deleted: 110%
Deleted: of the project's
Deleted: general budget

Extraordinary Conditions

During a major construction project, it is conceivable that a condition could develop that would necessitate immediate action on the part of the Construction Manager in order to keep the project on schedule, meet various permit requirements, or prevent a costly delay. If such a condition should develop, a thorough investigation and recommendation from the Contractor will be obtained. If an action or decision is considered necessary by the Construction Manager before the next scheduled COMB Board meeting, the General Manager shall request a special Board meeting to seek approval of a change order in excess of his/her change order authorization. Under extraordinary conditions, if an immediate decision is needed, the General Manager shall review the change order request with the Board President and the Project Ad Hoc Committee, and take action on the change order based on their decision.

Deleted: 110% of the approved project cost or the not to exceed amount.

Deleted: p

Deleted: a

Deleted: h

Deleted: c

Procedure

- 1) Change orders shall be consistent with and administered in accordance with procedures outlined in the Contract Documents.
- 2) Change orders shall be prepared by the Contractor and accepted by the Construction Manager, General Manager, or COMB Board only in writing.
- 3) The Contractor shall submit completed change orders with all required supporting documents to the General Manager or his/her designee for review and approval.
- 4) If the Contractor and the Construction Manager cannot agree on a change order, the conflict will be referred to the General Manager for formal negotiation or be referred to the COMB Board. If the Contractor appeals COMB's decision, the Contractor must follow the appeals process that is contained in the Contract Documents. The COMB Board will make the final decision on any appeal that comes before the Board
- 5) If the Contractor and COMB are unable to reach agreement on disputed work, COMB may direct the Contractor to proceed with the work. The amount of payment shall be determined by the dispute resolution procedure that is contained in the Contract Documents. The Contractor shall keep, furnish and certify, under penalty of perjury, the accuracy of all records of all disputed work.
- 6) The project budget shall be adjusted following approval of a change order.
- 7) The General Manager shall report all approved change orders to the Board at regularly scheduled Board meetings.
- 8) Proposed change orders that exceed the General Manager's change order authorization require approval in advance by the COMB Board, except under extraordinary conditions as described above.

Deleted: 110% of the approved project budget or the not to exceed amount

AGENDA

**PROPOSITION 50
Project Proponents
Wednesday, October 28, 2009
12:30 p.m. – 2:00 p.m.**

Location: Buellton City Hall, City Council Chambers,
107 West Highway 246, Buellton, CA 93427

Conference Call In Number: 805.681.5400
Passcode: 220246

12:30

Welcome and Introductions
Public Comment for Items not on the Agenda

12:40

SWRCB Letter Regarding Casmalia Project
Action on SWRCB Letter

1:30

Update on COMB Project
New Grant Agreement

1:40

Kelley's Site Visit in December

1:50

Next Steps
Schedule Next Meeting

Adjourn



Linda S. Adams
Secretary for
Environmental Protection

State Water Resources Control Board

Division of Financial Assistance

1001 I Street, Sacramento, California 95814 • (916) 341-5700
Mailing Address: P.O. Box 944212 • Sacramento, California 94244-2120
FAX (916) 341-5707 • <http://www.waterboards.ca.gov>



Arnold Schwarzenegger
Governor

OCT 21 2009

Mr. Thomas Fayram
Project Director
Santa Barbara County Water Agency
123 E. Anapamu Street
Santa Barbara, California 93101

Dear Mr. Fayram:

SANTA BARBARA COUNTYWIDE INTEGRATED REGIONAL WATER MANAGEMENT IMPLEMENTATION GRANT NO. 08-613-550; REQUEST FOR THE REMOVAL OF COMPONENT 4 – CASMALIA COMMUNITY SERVICES DISTRICT WATER SYSTEM RETROFIT PROJECT

The State Water Resources Control Board (State Water Board) issued a letter to the Santa Barbara County Water Agency (County), dated September 21, 2009, requesting the return of the disbursed funds for the Casmalia Community Services District's (District) Water System Retrofit Project (Project). The State Water Board requested the repayment of funds after we determined that the receipts for payment were reimbursed from other funds, which materially violated the terms of the Grant Agreement and various provisions of California Law. We requested that those funds, equaling \$131,371.44, be returned. In addition, we asked the County to provide a description of how they would coordinate with all sub-grantees within the Santa Barbara Countywide IRWM Grant (IRWM Grant) to avoid duplicate funding and/or invoicing in the future. We received the repayment on September 25, 2009, and received the Corrective Action Letter on September 27, 2009. Upon reviewing the Corrective Action Letter, we requested clarification explaining the County's procedures to ensure that duplication of funding for a single project will not occur in the future. To date, we have not received this additional letter.

By submitting the signed invoices, the County certified under penalty of law, that the invoices and any attachments received by the State Water Board were prepared in accordance with the terms and conditions of each Grant Agreement Exhibit and, to the best of their knowledge and belief, were accurate. The County also acknowledged that there were significant penalties for submitting false or misleading information. Invoices 2 and 3 indicated a duplication of funding for the same work and by submitting those signed invoices, the County materially violated the terms and conditions of the Grant Agreement. In addition, it appears that the budget for the Project is approximately double the amount listed in the Grant Application, representing a duplication of work.

The State Water Board, therefore, requests that the County submit a Grant Agreement Amendment Request removing the Casmalia Project from the Grant Agreement. We also request an additional Corrective Action Letter including the results of an internal audit of the Santa Barbara Countywide IRWM.

California Environmental Protection Agency

Recycled Paper

ITEM # 9
PAGE 2

Mr. Thomas Fayram

- 2 -

OCT 21 2009

Please respond to this request by November 10, 2009. If you have any questions, or need further assistance, you may contact me at (916) 341-5658, or by email at scouch@waterboards.ca.gov.

Sincerely,



Scott B. Couch, P.G.
IRWM Program Manager

cc: Matt Naftaly
Santa Barbara County Water Agency
123 E. Anapamu Street
Santa Barbara, California 93101

**Santa Barbara County Region
IRWMP Biennial Review
Prop 84 Project Selection Process**

Project Building Session

**Wednesday, Oct. 28, 2009
Buellton City Hall
107 West Highway 246**

Agenda

Time	Duration	Topic
9:00 am	20 min.	<p>Welcome and opening remarks – Teresa Reyburn and John Brady</p> <ul style="list-style-type: none"> • Review project selection process – Kathy Caldwell • Introductions – Teresa Reyburn and John Brady • Introduce Steering Committee Meeting Volunteers and their roles for meeting - Teresa and John <ul style="list-style-type: none"> • John/Teresa – Facilitators • Hillary Hauser – DWR guidance • Susan Segovia and Kathy Caldwell – scribes • Kate Rees – Review and building of projects • Bruce Wales – Review and building of projects • Jane Gray – meeting notes • Stakeholder involvement - Teresa and John • Today's meeting objectives – Build our Projects - Kathy <ul style="list-style-type: none"> • Review of funding available and DWR Prop 84 schedule • “Growing” projects • Open, participatory process
9:20 am	15 min.	<p>Proposition 84 Guidance - Hillary</p> <ul style="list-style-type: none"> – Accomplish regional objectives: – Relate to Water Management Strategies – Demonstrate integration – Benefit and impact other regions
9:35	10 min.	<p>Projects and Regional Objectives – Teresa and John</p> <ul style="list-style-type: none"> – Regional objectives – Meet criteria
9:45	45 min.	<p>Project Scoring and Draft Project Criteria - Mike</p>

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
Project Selection Process
Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
1	Affordable Source Development Project	Casmalia Community Services District	Based on a ground water basin geologic evaluation and a pumping test report on a well in the basin, sufficient groundwater is available near the town to replace the expensive remote source now used. The requested funds will provide for drilling of a test well to confirm the available water quality and quantity and the environmental review, system design and permitting for the permanent system. Construction funding is proposed to be provided from another source.	\$600,000	CCSD needs approximately \$150k to initiate the project. The District expects to get USDA funding of \$450k to complete the project assuming the local well source is proven.	75%
2	Summerland Reclaimed Water Project	Summerland Sanitary District Montecito Water District	The Summerland Sanitary District serves an estimated population of 1500 in the Summerland Community. The existing waste water treatment facility with a capacity of .3 MGD is operating at approximately 50% of that capacity. Presently, the waste water system treats and discharges primarily Tertiary waste water through a coastal ocean outfall. The purpose of the project would be to design and construct storage, pumping and a distribution system to provide non-potable water to suitable customers within the Summerland Community.	\$500,000+	District Funds and other funds TBA	25% to 50%
3	Automated Groundwater Basin Storage Tracking in the Carpenteria Valley Water District	Carpenteria Valley Water District Groundswell Technologies, Inc.	This project leverages off previously purchased sensors used to monitor water levels in critical aquifers managed by the Carpenteria Valley Water District. More specifically, sensors will be integrated with telemetry and an automated reporting platform. Remotely collected data will be transmitted to an innovative GIS based automated processing, visualization, and archiving system to evaluate geospatial and temporal trends in water levels, basin storage distributions, and volumetric changes. The monitoring platform is entirely web-based and allows for determination of storage changes between any two selected times.	\$96,231	Leverages off previous instrumentation investments. Groundswell in-kind labor and services.	10%
4	Water Conservation on Farms Using the Irrigation Mobile Lab	Cachuma Resource Conservation District Santa Barbara County Water Agency	The Irrigation Mobile Lab will provide irrigation management services to irrigated farming operations in Santa Barbara and San Luis Obispo Counties. Services will include irrigation efficiency and Distribution Uniformity (DU) evaluations, irrigation scheduling training, and nutrient management training. Training will be both one-on-one and group training events. System improvements will be recommended which address water conservation and water quality protection. Cost-share incentives will be available for a percentage of cooperators. Follow-up visits and training will be made to assist with the implementation of improvements. Follow-up DU evaluations will be made when implementation occurs.	\$750,000	Cachuma RCD Existing Programs, Farmers In-Kind Contribution	40%
5	Water Conservation In Urban Areas Using the Irrigation Mobile Lab	Cachuma Resource Conservation District Santa Barbara County Water Agency	The Irrigation Mobile Lab will provide irrigation management services to water districts, cities and other municipalities in Santa Barbara and San Luis Obispo Counties. Services will include irrigation efficiency and Distribution Uniformity (DU) evaluations, irrigation scheduling training, and turf chemical and nutrient management training. Training will be both one-on-one and group training events. System improvements will be recommended which address water conservation and water quality protection. Cost-share incentives will be available for a percentage of cooperators. Follow-up visits and training will be made to assist with the implementation of improvements. Follow-up DU evaluations will be made when implementation occurs.	\$450,000	Cachuma RCD Existing Programs, Municipalities In-Kind Contribution	40%
6	Groundwater Sustainability Modeling Update	City of Santa Barbara	In the early 1990's, the City contracted with the U.S. Geological Survey (USGS) to enhance existing groundwater models with optimization features to calculate optimal management strategies for the City's groundwater in conjunction with its other water supplies. The optimization model was a key tool in developing the City's current long-term water supply plan; however, it employs software that is out of date and is no longer functional. The City proposes to contract with USGS to update the groundwater and optimization models and to develop tools to facilitate use of the models to identify sustainable groundwater usage scenarios. The tools will allow more accurate assessment of seawater intrusion impacts and overall groundwater availability.	\$500,000 to \$1,000,000	City of Santa Barbara Water Fund, with USGS contribution of \$171,000 of the total \$516,400 project cost under a Cooperator Agreement with USGS.	70%

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
Project Selection Process
Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
7	Lompoc Valley Regional Leak Detection Program	City of Lompoc Vandenberg Village Community Services District (VVCSD) and Mission Hills Community Hills Services District (MHCSO)	The City of Lompoc, MHCSO, and VVCSD will work together to hire a company to complete a leak detection audit of the water distribution systems in the three water utilities; purchase leak detection equipment that can be shared by the three entities; and develop/implement a plan for the repair and/or replacement of leaky water service lines and mains in the water utilities. Portions of the City, which are subject to the Cultural Resources Overlay (CRO) will be excluded from repair or replacement of water mains and/or service lines, as a part of this project. The only exception will be major leaks that are determined to be a high priority for repair by staff. Any other leaks found in the CRO area will be repaired at a later date, because ground disturbance within this area requires the presence of a National Register Qualified Archaeologist and would significantly increase the costs of implementation. It is not anticipated that a large number of leaks will be identified within the CRO. The leak detection reports will be reviewed to determine which sections of each distribution system show the highest percentage of system leaks. The three water utilities will then prepare This project represents the first time geospatial and temporal impacts from urbanization and associated releases of airborne carbon dioxide will be monitored in a nearby water body using automated detection and reporting techniques. A network of sensor systems recently co-designed by NOAA and MBARI scientists will be deployed at five selected sanctuary locations to track ocean acidification levels and their distributions in near real time. Remotely collected data will be transmitted to an innovative GIS based automated processing, visualization, and archiving system to evaluate geospatial and temporal trends, and to establish a baseline for future cause-and-effect investigations associated with potential ocean resources impairment. The monitoring platform is web-based to allow multiple stakeholders and user groups to perform independent analyses. The sensor network will be deployed in a configuration that can be augmented in the future with additional sensors and monitoring locations.	\$250,000	City budgeted funds for water main replacement. VVCSD-Existing Budget MHCSO-Existing Budget	50%
8	Automated Ocean Acidification Monitoring and Reporting in the Channel Island National Marine Sanctuary	UCSB Bren School of Environmental Science and Management Groundswell Technologies, Inc.	This project represents the first time geospatial and temporal impacts from urbanization and associated releases of airborne carbon dioxide will be monitored in a nearby water body using automated detection and reporting techniques. A network of sensor systems recently co-designed by NOAA and MBARI scientists will be deployed at five selected sanctuary locations to track ocean acidification levels and their distributions in near real time. Remotely collected data will be transmitted to an innovative GIS based automated processing, visualization, and archiving system to evaluate geospatial and temporal trends, and to establish a baseline for future cause-and-effect investigations associated with potential ocean resources impairment. The monitoring platform is web-based to allow multiple stakeholders and user groups to perform independent analyses. The sensor network will be deployed in a configuration that can be augmented in the future with additional sensors and monitoring locations.	\$598,256	Groundswell in-kind labor and services. Channel Keeper labor, equipment, and ocean vehicles. Potential for other sources (NOAA, NSF, etc.) in future based on efforts in progress.	20%
9	Lower Mission Creek Flood Control and Restoration Project	City of Santa Barbara County of Santa Barbara Flood Control	The overall Lower Mission Creek Flood Control Project (LMFCFP) is defined in its Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS) which was certified in September 2000 and further in the 2009 addendum. The preferred alternative (Alternative 12) from the EIR/EIS, described a project to reduce Mission Creek flooding from Cabrillo Boulevard to Canon Perdido Street, which is the basis for the proposed project. Included in this project besides flood control measures is a palette of restoration measures to further protect the aquatic species that are listed as endangered or threatened on the Federal listing. The project looks to enhance the creek by widening the Creek by constructing a natural Creek bottom with various pockets of native revegetation. Also included are measures such as Tidewater Goby Hideouts, Fish Ledges, and Rock Clusters to enhance the migratory species native to Mission Creek.	\$60 M	TBD	TBD %
10	Ortega Groundwater Treatment Plant Rehabilitation	City of Santa Barbara	Santa Barbara's groundwater resources are limited, but strategically important. They are managed conjunctively, with limited production during normal years when surface supplies are adequate, and maximum pumping during severe droughts or other supply emergencies. Storage Unit #1 in the downtown area is the largest source of groundwater, providing a drought water supply of 3,000 acre-feet per year (AFY) under the City's water supply plan. However, the groundwater is compromised by high levels of hydrogen sulfide and other constituents that require treatment to allow use as a part of the City's water supply. A treatment process consisting of iron media filtration has been identified as the optimal approach. The project will include improved electrical efficiency associated with new variable frequency drive pumps.	\$8.3 M	City of Santa Barbara Water Fund Capital Program, through a loan from California Safe Drinking Water State Revolving Fund	67%

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
 Project Selection Process
 Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
11	Cathedral Oaks-Hwy 101 Overcrossing Project Recycled and Potable Waterlines	Goleta Water District	The work to be constructed is located on Hollister Ave. and Cathedral Oaks Rd. at the proposed Hwy 101 Cathedral Oaks overcrossing in the City of Goleta in Santa Barbara County. The work comprises replacement and relocation of the existing potable waterline and recycled waterline in Hollister Ave. south of Hwy 101. A new potable waterline and recycled waterline will be installed to the north from Hollister Ave. through the proposed Hwy 101 overcrossing. The proposed recycled waterline will continue north in Cathedral Oaks Rd. The proposed potable waterline will head east at Calle Real and tie into the existing waterline at Winchester Place to create a looped system. Approximately 3,000lf of new and relocated pipeline will be constructed.	\$1,040,000	Goleta Water District - General Fund	60%
12	Goleta Water District-City of Santa Barbara Emergency Interconnect Project	Goleta Water District City of Santa Barbara	The Emergency Interconnect Project involves construction of a new connection (interconnect) between the water distribution systems of the Goleta Water District and the City of Santa Barbara. The purpose of an interconnect, such as this one, is to allow neighboring agencies to provide mutual assistance to one another in the event of an emergency or planned system shutdown. The Project will benefit both City of Santa Barbara and Goleta Water District residents/customers by significantly improving the reliability of both agencies water supply capabilities. The interconnect will provide both agencies with a large supplemental source of water supply in the event of an emergency such as a major earth quake or wild fire. In this event, if the water system of one agency is damaged or crippled in some way, the neighboring agency may be able to provide emergency water to the other through the interconnect.	\$1,240,000	Goleta Water District - General Fund City of Santa Barbara - General Fund	60%
13	Water Quality Improvement Project - Pilot Study	Vandenberg Village Community Services District	The pellet softening process is being investigated as a potential treatment option for the Vandenberg Village Community Services District's Water Quality Improvement Program. The pilot testing consists of evaluating the pellet softening process to reduce calcium hardness and manganese from the District's groundwater supply. Pilot performance data will be extrapolated to a full-scale treatment system to evaluate treatment economics. The pilot study will also be used to recommend a specific treatment train to meet the goals of the Water Quality Improvement Program. The pilot study will be used as an opportunity for the District staff to develop hands-on experience with the pellet softener that will assist in the transition from the existing treatment system to the future treatment system.	Less than \$250K	Matching funds will come from user fees.	50%
14	Water Quality Improvement Project	Vandenberg Village Community Services District	This project improves local and regional water supply reliability on two fronts. First, it will reduce high concentrations of minerals and total dissolved solids from drinking water. Second, it will ultimately reduce the TDS, chlorides in treated wastewater from the Lompoc Regional Wastewater Reclamation Plant (LRWRP) that recharges the Lompoc Plain and Lompoc Uplands groundwater basins. The Lompoc Plain is the source of drinking water for the City of Lompoc, and the Lompoc Uplands is the source for the communities of Vandenberg Village and Mission Hills.	\$1 - \$5 M	Matching funds will come from user fees.	20%
15	Recycled Water Mineral Reduction Project	City of Santa Barbara	The City has been providing recycled water to customers for about 20 years. In order to deliver a usable source of water and reduce the TDS content, the City blends potable water with the recycled water. The proposed project would add an extra treatment process to the recycled water program to reduce the overall TDS. The process involves addition of microfiltration followed by reverse osmosis to a portion of the recycled water filter effluent flow, in order to meet a TDS goal of 1,000 mg/L.	\$1 - \$5 M	City of Santa Barbara Water Fund Capital Program	70%
16	Recycled Water	City of Lompoc	Recapture recycled water from the Lompoc Regional Wastewater Reclamation Plant to supplement the City of Lompoc water supplies	\$1 M	City Bonds	50%

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
 Project Selection Process
 Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
17	Santa Maria River Nature Trail Project and North County Watershed Resource Center	City of Santa Maria Counties of Santa Barbara and San Luis Obispo, Caltrans, Central Coast Low Impact Development Center, Central Coast Regional Water Quality Control Board, Ventura County Watershed	This project will build on the work already accomplished through the Recreation & Parks department to develop the Santa Maria River Nature Trail. That project has already secured \$250,000 in State Parks and Recreation - Recreational Trails grant funding and additional funds through the Land Water Conservation Fund, used toward the acquisition of 248 acres along and in the Santa Maria riverbed. Phase I of this Project will move forward on the already purchased land to provide an interpretive nature trail, protection of sensitive habitat areas, and open space preservation. Phase II of the project proposes a North County Watershed Resource Center consisting of an observation deck and constructed wetland on property adjacent to the Santa Maria River Trail Project. The observation deck would be constructed from recycled materials, made handicap accessible, and utilize educational signage and displays to teach about the natural features of the Santa Maria River. North County Watershed Resource Center that will eventually mirror the South County Watershed Resource Center at Arroyo Burro Beach in Santa Barbara. Disposal This project extends an existing groundwater landscape irrigation system from the City's Civic Center area to nearby facilities with large landscaped areas, including Allan Hancock College, Miller Elementary School, Santa Maria High School, Santa Maria Fairpark, Preisker Park and Adam Basin. The irrigation system consists of several old production wells that were removed from the domestic supply because of high nitrate concentrations. These wells are being rehabilitated and put into service to water turf and other landscapes through a piping system that is isolated from the domestic supply piping.	\$250,000	City Enterprise Funds utilized as a match.	30%
18	Secondary Water System to Hancock College and Beyond	City of Santa Maria Allan Hancock College, Santa Maria Fairpark, Santa Maria-Bonita Unified School District, Santa Maria Joint Union High School District, Regional Water Quality Control Board	This project extends an existing groundwater landscape irrigation system from the City's Civic Center area to nearby facilities with large landscaped areas, including Allan Hancock College, Miller Elementary School, Santa Maria High School, Santa Maria Fairpark, Preisker Park and Adam Basin. The irrigation system consists of several old production wells that were removed from the domestic supply because of high nitrate concentrations. These wells are being rehabilitated and put into service to water turf and other landscapes through a piping system that is isolated from the domestic supply piping.	\$1.76 M	City of Santa Maria Water Fund Revenues	30%
19	Upland Well Filtration System Well Number 10B	City of Solvang City of Lompoc	Installation of a filtration system to handle hydrogen sulfide, iron and manganese present in the upland groundwater in Solvang. Well Number 10B will be constructed in the City of Lompoc to increase and provide redundancy to the quantity of water delivered to the City of Lompoc Water customers. Improvements to the water quality for the City's water customers may also occur due to the location of Well Number 10B. It will be located in the Eastern section of Lompoc near the Santa Ynez River.	\$500K - \$1M \$1 M	Solvang water fund reserve and Prop 84 City Bonds	25% 50%
21	Montecito Water District / Montecito Sanitary District Reclaimed Water Project	Montecito Water District / Montecito Sanitary District Reclaimed Water Project	The Montecito Sanitary District serves an estimated population of about 10,000 in the unincorporated Montecito community a part of southern Santa Barbara County. The existing waste water treatment facility consists of a permitted 1.5 MGD secondary water treatment system serving a predominantly residential community of relative large parcels of land. Presently, the 1.5 MGD waste water system treats an average of 793 MGD and discharges secondary waste water through a coastal ocean outfall. The purpose of the project would be to design and construct a tertiary waste water treatment system, storage, pumping and waste water reclaim distribution system to provide non-potable water for identified non-potable water applications within the larger service boundary of the Montecito Water District.	\$1 - \$5 M	District Funds and other funds TBA	25% to 50%

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
 Project Selection Process
 Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
22	Pipeline Erosion Damage Repair Project	Central Coast Water Authority	<p>CCWA owns and operates a pipeline that delivers water from the Santa Ynez Pumping Plant located in the Santa Ynez Valley to Lake Cachuma. The Pumping Plant will discharge water at flow rates as high as 10,000 gpm, with a shutoff head of 376 Feet. The pipeline was originally constructed in the 1960's for the purpose of delivering water from Lake Cachuma to the Santa Ynez Valley. The pipe is a nominal 30 inch diameter, 12 miles long and is either cement mortar lined/coal tar enamel coated steel pipe or modified pre-stressed concrete cylinder pipe. Portions of the pipeline were reconstructed in 1993-94 to address similar problems with the pipeline as described in more detail below. CCWA acquired the pipeline in the mid-1990's to complete its water conveyance system for its south Santa Barbara County Participants, which was part of the overall effort to install Phase II of the Coastal Branch of the State Water Project. Bradbury Dam forms Lake Cachuma and is operated by the US Bureau of Reclamation. Due to operational requirements, large scale water releases from Bradbury Dam are periodically scheduled and discharged through the Dam's spillway and outlet structure. Large scale discharges are also possible from overflow conditions at the Dam caused by storms. The Dam structure itself, coupled with the large scale releases, has two important effects on the Santa Ynez River Channel. These effects include (1) the Dam prevents the natural transport of sediment downstream along the river channel, which prevents sediment transport past the Dam and (2) the large scale releases from the Dam result in erosion and downstream movement of river channel sediments. Since the river channel sediments are not being replenished downstream of the Dam due to the Dam structure, there is a net transport of river channel sediment downstream. Since the pipeline was originally installed within the flood plain of the Santa Ynez River, one of the consequences of the net downstream transport of river channel sediment is that portions of the CCWA pipeline have and will become exposed. Pipe exposed in this manner is placed at risk of failing for at least two reasons: (1) the exposed pipe has lost the structural confinement of backfill, which is an important strengthening component of the pipeline; and, (2) the exposed pipeline section will bridge and obstruct water flow, which will subject the pipeline to strong external forces arising from the impact of high water flows. Erosion and subsequent pipeline exposure has been an historical issue with this reach of the pipeline. The historic practice in addressing this issue has been to relocate the pipeline segment that has been exposed and to encase pipeline segments that have a high risk of additional erosion in concrete.</p>	\$1 - \$5 M	Prop 84 and contributing CCWA Members	% TBD
23	Mission Creek Pipeline Project with Fish Passage	Cachuma Operation and Maintenance Board	<p>In the 1970s, the South Coast Conduit (SCC) crossing at Mission Creek was damaged by "rock impact" during a high flow event in the creek. The SCC underwent emergency repairs which included repairs to the exterior of the steel pipe shell (however the interior mortar lining was not accessed for repair) and a non-reinforced concrete backfill/cap. The emergency backfill/cap concrete is currently undermined on the downstream side, and the concrete acts as a grade control structure. The Mission creek crossing was identified as having continued exposure to undermining. The recommended approach was to replace the crossing with new pipe encased in structural concrete. A bypass pipeline will be required to repair the South Coast Conduit (SCC) at Mission Creek. A line stop will be installed on the SCC north of Mission Creek, followed by installation of the temporary bypass pipeline. Fish will then be removed and transported to a suitable habitat, after which Mission Creek will be diverted into the culvert and dewatered. Demolition of the concrete cap over the SCC will take</p>	\$3,060,000	Proposed COMB bond City of Santa Barbara- Design Funding	100%

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
 Project Selection Process
 Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
24	Vent Rehabilitation	Cachuma Operation and Maintenance Board	Will assure the proper surge and flow rate control of the South Coast Conduit. These vents will be rebuilt and reconfigured including corrosion protection using a combination of coatings and cathodic protection devices. System shut down may be required during construction.	\$830,000	Proposed COMB bond	100%
25	Glen Anne Weir and Goleta West Meter Modifications	Cachuma Operation and Maintenance Board	The first item of modification is the Goleta weir structure in the South Coast Conduit (SCC). By increasing the weir length and reconfiguration, the capacity of the SCC will be increased. Maintenance will be enhanced and the result will be increased capacity of the entire SCC. This is especially crucial during times of emergency such as when wild fires occur in the areas of the SCC impacting some 200,000 connections when aerial fire-fighting efforts are using COMB reservoirs for water and there is peak demand on the SCC. The next item of modification is to the flow metering facilities at the Goleta West turnout. This will involve removal of the two existing venturi meters and replacement with a full flow (33 inch), state of the art, sonic type flow meter. The sonic meter will measure flows across the full spectrum of flow ranges. This will allow for lower head loss and thereby higher flow rates to the full capacity of the Tecolote Tunnel of 65 MGD (Million Gallons per Day) 100 CFS (Cubic Feet per Second). Accurate flows across the full range will allow for more efficient uses of the water supply.	\$404,000	Proposed COMB bond	100%
26	Reconfiguration of Control Station Piping	Cachuma Operation and Maintenance Board	Will require removal of 24 inch valves and piping that is nearing 60 years old and reconfiguring the control structures with larger 30 to 36 inch diameter motor operated remotely controlled valves. The reconfiguration will reduce the headloss created by the control structures. This will be accomplished by installation of low headloss motor operated control valves, low headloss meters and increased piping size.	\$732,000	Proposed COMB bond	100%
27	South Coast Conduit Corrosion Repairs and Appurtenances	Cachuma Operation and Maintenance Board	Because of the age and construction of materials used for the nearly 60 year old South Coast Conduit (SCC), the majority of the metering facilities and buried pipeline appurtenances have been severely damaged by corrosion. These will be repaired and replaced with corrosion protected systems and facilities. Corrosion protection for the exterior of the SCC is cement mortar, except in the below-grade manholes and vaults, which is painted. Corrosion of the piping and equipment was evident in almost all of the below-grade manholes and vaults observed. In order to increase both the reliability and useful service life of these vital components of the South Coast Conduit, cleaning of the steel and recoating/painting is necessary. Corrective action may require piping and valve replacement in some, if not most of the locations.	\$187,000	Proposed COMB bond	100%
28	SCC In-Line Valve Installations	Cachuma Operation and Maintenance Board	In-Line Valves would be located at strategic locations in the SCC pipeline to allow for shut-down, controlled start-up, and operations of the SCC. The in-line valves will allow for portions of the SCC to be operated while other portions are being repaired and maintained. These in-line valves will be full diameter or equivalent diameter multiple valves. The in-line valves will be equipped with electric operators. Remote emergency operation could be provided through the SCADA system. This could increase the reliability and efficiency of the system.	\$4,160,000	Proposed COMB bond	100%
29	South Coast Conduit Modifications to Reduce Air-Binding	Cachuma Operation and Maintenance Board	Hydraulic surge models of the system have identified areas where air release and vacuum valves are necessary to provide safe operation of the South Coast Conduit (SCC) during times of high capacity operation. These will be installed as part of the project.	\$116,000	Proposed COMB bond	100%

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
Project Selection Process
Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
30	Quiota Creek Crossing Fish Passage and Road Safety Project - Crossing 9 (Priority #6)	Cachuma Conservation Release Board	<p>The project proposes to remove the keystone barrier at Crossing 9 on Quiota Creek and replace it with a multiple recessed box-culvert and two grade control structure weirs that will stabilize the channel and create habitat for steelhead/rainbow trout. Quiota Creek is a tributary to the Lower Santa Ynez River (LSYR) and is listed as critical habitat for endangered southern steelhead trout (Oncorhynchus mykiss). Refugio Road, a County road, currently crosses Quiota Creek nine times in the form of Arizona-type (low-flow) crossings (Crossings 1, 5, 7, and 9), one temporary bridge (Crossing 8), and a new 48-foot bottomless arched culvert (Crossing 6) that was built in 2008 by the project proponent. Crossing 9 is the lowest impediment in the watershed and is prioritized as sixth in the Quiota Creek Watershed Fish passage Enhancement Plan (2007) and is a partial passage impediment. Initial fish passage and hydrologic assessments for the Quiota Creek drainage were completed by CCRB and HDR\FishPro (engineering consultants) through this plan and its stakeholder driven watershed planning effort. The Plan generated the supporting documentation as well as created stakeholder/landowner collaboration for the proposed project. Hence, there is a high level of support for the project amongst regulators, public representatives, Santa Barbara County, and landowners. By creating unimpeded passage for steelhead/rainbow trout, there will be significant ecological gains for spawning and rearing in the upper reaches of Quiota Creek by opening up 3.85 miles of stream habitat. Going south from the town of Santa Ynez, Refugio Road is the only direct route within the Santa Ynez Valley used by the public, private landowners, law enforcement, and fire fighting personnel to gain access to the coastal range, Refugio Peak, the Reagan Ranch, and ultimately Highway 101 on the southside of the Santa Ynez Mountains. This low-flow crossing in its current state cannot be forged during moderate to heavy flows due to stream depth and velocity, as well as slippery concrete surfaces. Improvement of the crossing will greatly improve the safety of the road and number of passable days for vehicles, cyclists, hikers, and those on horseback.</p>	\$523,556	Proposition 84 (\$392,667) and the Cachuma Project Member Units (\$130,889)	25%
31	Quiota Creek Crossing Fish Passage and Road Safety Project - Crossing 1 (Priority #2)	Cachuma Conservation Release Board	<p>The project proposes to remove the keystone barrier at Crossing 1 on Quiota Creek and replace it with a multiple recessed box-culvert and one grade control weir that will stabilize the channel and create habitat for endangered steelhead. Quiota Creek is a tributary to the Lower Santa Ynez River (LSYR) and is listed as critical habitat for endangered southern steelhead trout (Oncorhynchus mykiss). Refugio Road, a County road, currently crosses Quiota Creek nine times in the form of Arizona-type (low-flow) crossings (Crossings 1-5, 7, and 9), one temporary bridge (Crossing 8), and a new 48-foot bottomless arched culvert (Crossing 6) that was built in 2008 by the project proponent. Crossing 1 is the lowest impediment in the watershed and is prioritized as second in the Quiota Creek Watershed Fish passage Enhancement Plan (2007) and is a partial passage impediment. Initial fish passage and hydrologic assessments for the Quiota Creek drainage were completed by CCRB and HDR\FishPro (engineering consultants) through this plan and its stakeholder driven watershed planning effort. The Plan generated the supporting documentation as well as created stakeholder/landowner collaboration for the proposed project. Hence, there is a high level of support for the project amongst regulators, public representatives, Santa Barbara County, and landowners. By creating unimpeded passage for steelhead/rainbow trout, there will be significant ecological gains for spawning and rearing in the upper reaches of Quiota Creek by opening up 3.85 miles of stream habitat. Going south from the town of Santa Ynez, Refugio Road is the only direct route within the Santa Ynez Valley used by the public, private landowners, law enforcement, and fire fighting personnel to gain access to the coastal range, Refugio Peak, the Reagan Ranch, and ultimately Highway 101 on the southside of the Santa Ynez Mountains. This low-flow crossing in its current state cannot be forged during moderate to heavy flows due to stream depth and velocity, as well as slippery concrete surfaces. Improvement of the crossing will greatly improve the safety of the road and number of passable days for vehicles, cyclists, hikers, and those on horseback.</p>			

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
 Project Selection Process
 Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
32	Quiota Creek Crossing Fish Passage and Road Safety Project - Crossing 2 (Priority #1)	Cachuma Conservation Release Board	<p>The project proposes to remove the keystone barrier at Crossing 2 on Quiota Creek and replace it with a 60-foot bottomless-arched culvert and three grade control weirs that will stabilize the channel and create habitat for endangered steelhead. Quiota Creek is a tributary to the Lower Santa Ynez River (LSYR) and is listed as critical habitat for endangered southern steelhead trout (<i>Oncorhynchus mykiss</i>). Refugio Road, a County road, currently crosses Quiota Creek nine times in the form of Arizona-type (low-flow) crossings (Crossings 1, 5, 7, and 9), one temporary bridge (Crossing 8), and a new 48-foot bottomless arched culvert (Crossing 6) that was built in 2008 by the project proponent. Crossing 2 is the only crossing that poses a complete barrier to steelhead/rainbow trout attempting to migrate upstream. Initial fish passage and hydrologic assessments for the Quiota Creek drainage were completed by CCRB and HDRFishPro (engineering consultants) through a stakeholder driven watershed planning effort in drafting the Quiota Creek Watershed Fish passage Enhancement Plan (2007). The Plan generated the supporting documentation as well as created stakeholder/landowner collaboration for the proposed project. Hence, there is a high level of support for the project amongst regulators, public representatives, Santa Barbara County, and landowners. By creating unimpeded passage for steelhead/rainbow trout, there will be significant ecological gains for spawning and rearing in the upper reaches of Quiota Creek by opening up 3.19 miles of stream habitat. Going south from the town of Santa Ynez, Refugio Road is the only direct route within the Santa Ynez Valley used by the public, private landowners, law enforcement, and fire fighting personnel to gain access to the coastal range. Refugio Peak, the Reagan Ranch, and ultimately Highway 101 on the southside of the Santa Ynez Mountains. This low-flow crossing in its current state cannot be forged during moderate to heavy flows due to stream depth and velocity, as well as slippery concrete surfaces. Improvement of the crossing will greatly improve the safety of the road and number of passable days for vehicles, cyclists, hikers, and those on horseback.</p>	\$935,648	Proposition 84 (\$701,736) and the Cachuma Project Member Units (\$233,912).	25%
33	Quiota Creek Crossing Fish Passage and Road Safety Project - Crossing 3 (Priority #8)	Cachuma Conservation Release Board	<p>The project proposes to remove the keystone barrier at Crossing 3 on Quiota Creek and replace it with a 60-foot bottomless arched culvert; no grade control structures are proposed for this project. Quiota Creek is a tributary to the Lower Santa Ynez River (LSYR) and is listed as critical habitat for endangered southern steelhead trout (<i>Oncorhynchus mykiss</i>). Refugio Road, a County road, currently crosses Quiota Creek nine times in the form of Arizona-type (low-flow) crossings (Crossings 1-5, 7, and 9), one temporary bridge (Crossing 3), and a new 48-foot bottomless arched culvert (Crossing 6) that was built in 2008 by the project proponent. Crossing 3 is prioritized as eighth in the Quiota Creek Watershed Fish passage Enhancement Plan (2007) due to being a partial passage impediment. We also have 95% designs and permits are in process. Initial fish passage and hydrologic assessments for the Quiota Creek drainage were completed by CCRB and HDRFishPro (engineering consultants) through this plan and its stakeholder driven watershed planning effort. The Plan generated the supporting documentation as well as created stakeholder/landowner collaboration for the proposed project. Hence, there is a high level of support for the project amongst regulators, public representatives, Santa Barbara County, and landowners. By creating unimpeded passage for steelhead/rainbow trout, there will be significant ecological gains for spawning and rearing in the upper reaches of Quiota Creek by opening up 3.24 miles of stream habitat. Going south from the town of Santa Ynez, Refugio Road is the only direct route within the Santa Ynez Valley used by the public, private landowners, law enforcement, and fire fighting personnel to gain access to the coastal range. Refugio Peak, the Reagan Ranch, and ultimately Highway 101 on the southside of the Santa Ynez Mountains. This low-flow crossing in its current state cannot be forged during moderate to heavy flows due to stream depth and velocity, as well as slippery concrete surfaces. Improvement of the crossing will greatly improve the safety of the road and number of passable days for vehicles, cyclists, hikers, and those on horseback.</p>	\$796,061	Proposition 84 (\$597,046) and the Cachuma Project Member Units (\$199,015)	25%

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
Project Selection Process
Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
34	Quiota Creek Crossing Fish Passage and Road Safety Project - Crossing 4 (Priority #5)	Cachuma Conservation Release Board	<p>The project proposes to remove the keystone barrier at Crossing 4 on Quiota Creek and replace it with a multiple recessed box-culvert; no grade control structures are proposed for this project. Quiota Creek is a tributary to the Lower Santa Ynez River (LSYR) and is listed as critical habitat for endangered southern steelhead trout (<i>Oncorhynchus mykiss</i>). Refugio Road, a County road, currently crosses Quiota Creek nine times in the form of Arizona-type (low-flow) crossings (Crossings 1-5, 7, and 9), one temporary bridge (Crossing 8), and a new 48-foot bottomless arched culvert (Crossing 6) that was built in 2008 by the project proponent. Crossing 4 is the lowest impediment in the watershed and is prioritized as fifth in the Quiota Creek Watershed Fish passage Enhancement Plan (2007) and is a partial passage impediment. Initial fish passage and hydrologic assessments for the Quiota Creek drainage were completed by CCRB and HDRFishPro (engineering consultants) through this plan and its stakeholder driven watershed planning effort. The Plan generated the supporting documentation as well as created stakeholder/landowner collaboration for the proposed project. Hence, there is a high level of support for the project amongst regulators, public representatives, Santa Barbara County, and landowners. By creating unimpeded passage for steelhead/rainbow trout, there will be significant ecological gains for spawning and rearing in the upper reaches of Quiota Creek by opening up 3.34 miles of stream habitat. Going south from the town of Santa Ynez, Refugio Road is the only direct route within the Santa Ynez Valley used by the public, private landowners, law enforcement, and fire fighting personnel to gain access to the coastal range, Refugio Peak, the Reagan Ranch, and ultimately Highway 101 on the southside of the Santa Ynez Mountains. This low-flow crossing in its current state cannot be forged during moderate to heavy flows due to stream depth and velocity, as well as slippery concrete surfaces. Improvement of the crossing will greatly improve the safety of the road and number of passable days for vehicles, cyclists, hikers, and those on horseback.</p>	\$446,638	Proposition 84 (\$334,979) and the Cachuma Project Member Units (\$111,659)	25%
35	Quiota Creek Crossing Fish Passage and Road Safety Project - Crossing 5 (Priority #7)	Cachuma Conservation Release Board	<p>The project proposes to remove the keystone barrier at Crossing 5 on Quiota Creek and stabilize it with a multiple recessed box-culvert and four grade control structure weirs that will tributary to the Lower Santa Ynez River (LSYR) and is listed as critical habitat for endangered southern steelhead trout (<i>Oncorhynchus mykiss</i>). Refugio Road, a County road, currently crosses Quiota Creek nine times in the form of Arizona-type (low-flow) crossings (Crossings 1, 5, 7, and 9), one temporary bridge (Crossing 8), and a new 48-foot bottomless arched culvert (Crossing 6) that was built in 2008 by the project proponent. Crossing 5 is the lowest impediment in the watershed and is prioritized as seventh in the Quiota Creek Watershed Fish passage Enhancement Plan (2007) and is a partial passage impediment. Initial fish passage and hydrologic assessments for the Quiota Creek drainage were completed by CCRB and HDRFishPro (engineering consultants) through this plan and its stakeholder supporting documentation as well as created stakeholder/landowner collaboration for the proposed project. Hence, there is a high level of support for the project amongst regulators, public representatives, Santa Barbara County, and landowners. By creating unimpeded passage for steelhead/rainbow trout, there will be significant ecological gains for spawning and rearing in the upper reaches of Quiota Creek by opening up 3.21 miles of stream habitat. Going south from the town of Santa Ynez, Refugio Road is the only direct route within the Santa Ynez Valley used by the public, private landowners, law enforcement, and fire fighting personnel to gain access to the coastal range, Refugio Peak, the Reagan Ranch, and ultimately Highway 101 on the southside of the Santa Ynez Mountains. This low-flow crossing in its current state cannot be forged during moderate to heavy flows due to stream depth and velocity, as well as slippery concrete surfaces. Improvement of the crossing will greatly improve the safety of the road and number of passable days for vehicles, cyclists, hikers, and those on horseback.</p>	\$618,988	Proposition 84 (\$464,249) and the Cachuma Project Member Units (\$154,749)	25%

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
 Project Selection Process
 Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
36	Quiota Creek Crossing Fish Passage and Road Safety Project - Crossing 7 (Priority #4)	Cachuma Conservation Release Board	<p>The project proposes to remove the keystone barrier at Crossing 7 on Quiota Creek and replace it with a 60-foot bottomless arched culvert and two grade control weirs that will stabilize the channel and create habitat. Quiota Creek is a tributary to the Lower Santa Ynez River (LSYR) and is listed as critical habitat for endangered southern steelhead trout (Oncorhynchus mykiss). Refugio Road, a County road, currently crosses Quiota Creek nine times in the form of Arizona-type (low-flow) crossings (Crossings 1-5, 7, and 9), one temporary bridge (Crossing 7), and a new 48-foot bottomless arched culvert (Crossing 6) that was built in 2008 by the project proponent. Crossing 7 is prioritized as forth in the Quiota Creek Watershed Fish Passage Enhancement Plan (2007) due to being a partial passage impediment. We also have 95% designs and permits are in process. Initial fish passage and hydrologic assessments for the Quiota Creek drainage were completed by CCRB and HDR FishPro (engineering consultants) through this plan and its stakeholder driven as well as created stakeholder/landowner collaboration for the proposed project. Hence, there is a high level of support for the project amongst regulators, public representatives, Santa Barbara County, and landowners. By creating unimpeded passage for steelhead/rainbow trout, there will be significant ecological gains for spawning and rearing in the upper reaches of Quiota Creek by opening up 3.10 miles of stream habitat. Going south from the town of Santa Ynez, Refugio Road is the only direct route within the Santa Ynez Valley used by the public, private landowners, law enforcement, and fire fighting personnel to gain access to the coastal range, Refugio Peak, the Reagan Ranch, and ultimately Highway 101 on the southside of the Santa Ynez Mountains. This low-flow crossing in its current state cannot be forged during moderate to heavy flows due to stream depth and velocity, as well as slippery concrete surfaces. Improvement of the crossing will greatly improve the safety of the road number of passable days for vehicles, cyclists, hikers, and those on horseback.</p>	\$841,036	Proposition 84 (\$630,777) and the Cachuma Project Member Units (\$210,259)	25%
37	Quiota Creek Crossing Fish Passage and Road Safety Project - Crossing 8 (Priority #3)	Cachuma Conservation Release Board	<p>The project proposes to remove the keystone barrier at Crossing 8 on Quiota Creek and replace it with a 48-foot bottomless arched culvert; no grade control instream elements are proposed for this project. Quiota Creek is a tributary to the Lower Santa Ynez River (LSYR) and is listed as critical habitat for endangered southern steelhead trout (Oncorhynchus mykiss). Refugio Road, a County road, currently crosses Quiota Creek nine times in the form of Arizona-type (low-flow) crossings (Crossings 1-5, 7, and 9), one temporary bridge (Crossing 8), and a new 48-foot bottomless arched culvert (Crossing 6) that was built in 2008 by the project proponent. Crossing 8 is prioritized as seventh in the Quiota Creek Watershed Fish Passage Enhancement Plan (2007) due to being a partial passage impediment but the road is considered unsafe, the temporary bridge is in poor condition and the bank slope protection is inadequate. We also have 95% designs and permits are in process. Initial fish passage and hydrologic assessments for the Quiota Creek drainage were completed by CCRB and HDR FishPro (engineering consultants)</p> <p>through this plan and its stakeholder driven watershed planning effort. The Plan generated the supporting documentation as well as created stakeholder/landowner collaboration for the proposed project. Hence, there is a high level of support for the project amongst regulators, public representatives, Santa Barbara County, and landowners. By creating unimpeded passage for steelhead/rainbow trout, there will be significant ecological gains for spawning and rearing in the upper reaches of Quiota Creek by opening up 3.02 miles of stream habitat. Going south from the town of Santa Ynez, Refugio Road is the only direct route within the Santa Ynez Valley used by the public, private landowners, law enforcement, and fire fighting personnel to gain access to the coastal range, Refugio Peak, the Reagan Ranch, and ultimately Highway 101 on the southside of the Santa Ynez Mountains. This low-flow crossing in its current state cannot be forged during moderate to heavy flows due to stream depth and velocity, as well as slippery concrete surfaces. Improvement of the crossing will greatly improve the safety of the road and number of passable days for vehicles, cyclists, hikers, and those on horseback.</p>	\$812,378	Proposition 84 (\$609,284) and the Cachuma Project Member Units (\$203,094)	25%

INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP) BIENNIAL REVIEW
Project Selection Process
Summary of Project Information from Short Forms

ID	Project Name	Project Sponsor and Co-Sponsors	Project Description	Project Cost	Identify Proposed Funding Sources	Percent Matching Funds
38	Implementation of Salt Management Plan	City of Lompoc	The California Regional Water Quality Control Board has recognized the need to address salt concentrations in wastewater and has required the City of Lompoc to prepare a Salt Management Plan in order to utilize the effluent from the Lompoc Regional Wastewater Reclamation Plant (LRWMP) as recycled water. The City will be preparing a Request for Proposal for development of a Salt Management Plan. The Plan will evaluate alternative control strategies, including control of source water quality as well as residential, commercial, and industrial control strategies. The City will next determine which recommendations must be implemented to proceed with utilizing effluent from the Plant. The City will later request money to implement measures to reduce salt concentrations in the Lompoc Plain Subbasin.	\$1M	City Budget or City Bonds	50%
39	San Jose Creek Capacity Improvement and Fish Passage Project	City of Goleta	Increase the capacity of the San Jose Creek Flood Control Channel from a 25 year to a 100 year storm capacity, which will remove over 200 parcels from the flood plain. The project will also incorporate steelhead passage, effectively removing 4250 linear feet of fish passage barrier.	\$16M	Redevelopment Agency, County Flood Control contribution, Highway Bridge Program	50% minimum
40	Sycamore Creek Improvements	City of Santa Barbara	The proposed project would incrementally widen Sycamore Creek from approximately 20 feet to approximately 50 feet, and up to 60 feet in some areas, to increase capacity to a desired 3,000 cubic feet per second flow rate. The project will also require replacement of the Indio Muerto Street and Punta Gorda Street culverts. The project would be completed in three phases, where Phase 1 consists of channel improvements between the Highway 101 bridge and approximately 120' downstream of Punta Gorda Street, Phase 2 consists of channel improvements from 120' downstream of Punta Gorda Street to Liberty Avenue, including replacement of the Punta Gorda Street culvert, and Phase 3 consists of channel improvements between Liberty Avenue and 100' street of Indio Muerto Street, including the replacement of the Indio Muerto Street culvert.	\$5.3M	Phase 1 design & construction - City funds (\$450,000) Phase 2 preliminary design - City funds (\$100,000) Phase 2 final design and construction - grant funds (\$1,500,000), City Funds & IRWMP funds (\$1,000,000) Phase 3 - (\$2,250,000) TBD	81%
41	Water Efficiency Rebates for Schools and other Non-Profit Institutional Facilities	Santa Barbara County Water Agency	A new County-wide program will retrofit institutional facilities, especially schools and houses of worship, with water-efficient fixtures, appliances and technology. Program would not apply to residential, commercial or industrial categories. A 3rd party consultant will conduct on-site evaluations and recommend retrofits. Program will subsidize the cost of installed fixtures, appliances, & technologies. Grant will pay for rebates and/or direct installs of fixtures, etc. Local cost-share would come from a broad range of local water districts working collaboratively through: staff time to help with site visits; advertising; outreach to institutions; coordination with schools, churches, etc.; contractor management; program administration; purchases; invoicing, and reporting.	\$1 - 5M	Proposition 84; Local water purveyors; U.S. Bureau of Reclamation grant; and Santa Barbara County Water Agency	60%
42	Agriculture Irrigation Efficiency Evaluations and Technology Installation	Santa Barbara County Water Agency	Cachuma Resource Conservation District's (CRCD) existing "Mobile Lab Program" will be expanded to allow small agricultural properties, including greenhouses, to participate in the program currently available only to larger properties. CRCD staff will conduct on-site evaluations and make recommendations for technological or other improvements to the irrigation system on site. CRCD will also provide cash rebates to owners who implement CRCD's recommendations. Rebates would provide significant dollar reimbursement to cover costs of major irrigation technologies, including water recycling systems for greenhouses. The County would contract with CRCD to provide staff for these services County-wide. Local cost-share would come from a broad range of local water districts working collaboratively through: staff time to help with site visits; advertising; outreach to agricultural water users; coordination with farmers and others; contractor management; program administration; invoicing, and reporting.	\$1 - 5M	Proposition 84; Local water purveyors; U.S. Bureau of Reclamation grant; Cachuma Resource Conservation District; and Santa Barbara County Water Agency	60%

PROPOSITION 84
Steering Committee Meeting - Conference Call
Wednesday, November 4, 2009
1:30 p.m. – 3:00 p.m.

Conference Phone Number: 805.681.5400
Passcode: 149244

AGENDA

1:30

Welcome & Introductions

1:40

Item 1: Project Selection Process Outcomes

- a) Steering Committee Volunteers – Thank you!
- b) Outstanding Issues
- c) Follow-up steps

Item 2: Conflicts, Issues, Objectives

Item 3: Criteria and Performance Measures (see attached MDA Model)

- a) Changes per the last meeting
- b) Performance Scale

Item 4: Development of Relative Importance Weights for Criteria

Item 5: Long Form Submittal Process

Item 6: Status of Projects Submitted

Item 7: Preparation for December 10 Public Workshop

- a) Steering Committee Roles
- b) Agenda
 - DWR Guidelines, Stakeholder Participation & Overview of the Project Selection Process
 - Feedback on Regional Conflicts, Needs Objectives
 - Multi-Criteria Decision Making
 - Feedback on Criteria and Performance Measures
 - Submitted Projects
 - Short and Long Forms
 - Future Schedule for Workshops and Timetable

Item 8: Other

3:00

Adjourn

Kate Rees

From: Naftaly, Matt [Mnaftal@cosbpw.net]
Sent: Friday, November 13, 2009 3:59 PM
To: callen@vvcasd.org; gamoon@cityofgoleta.org; smv.waterconservation@verizon.net; kazoury@goletasanitary.org; jbarget@vvcasd.org; rbjork@santabarbaraca.gov; jlb@ccwa.com; wjb@ccwa.com; tullyc@cityofsolvang.com; TConti@SantaBarbaraCA.gov; cdahlstrom@syrwd.org; delzeit@charter.net; asd@ccwa.com; daved@ci.carpinteria.ca.us; cebeling@ci.carpinteria.ca.us; Tom Evans; Frye, Jon; mgaasch@cityofgoleta.org; rgaglione@cityofgoleta.org; Janet Gingras; terri2@ix.netcom.com; charles@cvwd.net; rhess@mnsengineers.com; skahn@ci.santa-maria.ca.us; PKelly@SantaBarbaraCA.gov; bob@cvwd.net; jmcmanus@summerlandsd.org; tom@montecitowater.com; CraigM@carpsan.com; Naftaly, Matt; mnation@goletawest.com; Susannah Pitman; Kate Rees; treyburn@ci.santa-maria.ca.us; mschultz@cityofgoleta.org; s_segovia@ci.lompoc.ca.us; mvanderlinden@goletawater.com; bradv@cityofsolvang.com; swagner@cityofgoleta.org; bwales@syrwcd.com; kwerner@goletasanitary.org; ccsd@inreach.com
Cc: 'Almy, Robert B.'; Fayram, Tom; 'Kathy.Caldwell@CH2M.com'
Subject: Prop 84 - Process Update

Prop 84 Cooperating Partners,

By now you are aware of the postponing of the Prop 84 Workshop scheduled for November 12, 2009. We do again apologize for any inconvenience this may have caused. The purpose of this email is to give you some background on why it was postponed and what will likely follow.

Prop 84 Funding Overview

As you are all aware, under Prop 84, the entire Central Coast Region, Region 3, was allocated an amount of \$52 million dollars. In the previously entitled "Expedited Round", which is now the 1st round for Implementation Funds, 1/9 of the \$52 million was to be released for the Region 3. This equates to a \$5.7 million allocation. The remaining \$46 million for Region 3 was to be released in one or more subsequent round(s), which would be announced at a later date. In very recent conversations with senior staff at DWR, the proposed schedule for Prop 84, 1st Round/Implementation Funds in the amount of \$5.7 of as follows:

- 1) Release of Draft Guidelines for Applications ion December 9, 2009**
- 2) April 2010 - Release of Final Guidelines & Release of PSPs for planning and implementation grants**
- 3) June 2010 - Round 1/Implementation Grant Applications Due**
- 4) September 2010 - Draft list of Round 1/Implementation Awards announced**
- 5) December 2010 - Final Round 1/Implementation Awards approved**
- 6) June 2011, Construction must commence**
- 7) January 2013, All construction must be complete**

There is still some uncertainty as to the timing and final amounts of the 2nd and likely 3rd rounds of Prop 84 allocations. These are dependent upon bond sales and budgetary issues, however, these would entail a 2nd round for \$23 million and a 3rd round for \$23 million.

Background on Postponement of November 12, 2009 Workshop

On Tuesday, November 10, 2009, at the Water Agency's request, the Prop 84 Steering Committee had an emergency conference call to discuss the potential of not applying for funds in the 1st Round of Prop 84.

The rationale for not applying in Round 1 was presented by Tom Fayram and Matt Naftaly, the main considerations of which are summarized below:

- 1) Santa Barbara County was awarded \$25 million in Prop 50, edging out San Luis Obispo by 1 point. The regional and cooperative nature of the IRWM process may now dictate that our region yield to their interests. Doing so would reflect positively on our region in the eyes of both the neighboring regions and the State.
- 2) Given our success in applying for Prop 50 funds, and the difficulties that we have had in administration it, our chances for success in this round of Prop 84 may be extremely limited.
- 3) There is relatively little (\$5.7 million) available in this round of Prop. 84. Indications are that as much as \$23 million will be available in rounds 2 and 3. Therefore, this would be an advantageous time to exhibit our altruism.
- 4) Water Agency resources (both time and fiscal) are limited and currently consumed with Prop 50 administration and preparation for Prop 84. Administration of the Prop 84 grant would necessitate the question of who is equipped to do it.
- 5) Even if not applying now, our region would likely proceed with the project selection process and potentially seek funding for updating the IRWM plan, thereby staying current with the IRWM process and ready for future applications, including subsequent rounds of Prop 84.

The conversation which the Steering Committee had centered around the question of whether or not agencies wanted to move forward with an application at this time, given the above considerations. It was clear that some members were in favor of not applying while others were adamantly opposed. There was discussion of what the process would consist of if the Water Agency had a more limited role.

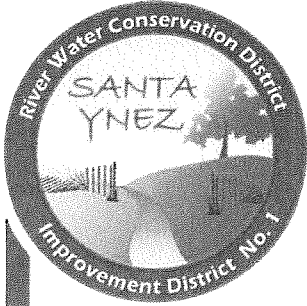
The resolution reached on that call was that the County would propose an alternative scenario to its current arrangement in project management, and that this alternative scenario would be discussed at a Steering Committee meeting on December 4. Following that meeting, the Cooperating Partners will be briefed and asked for input into relevant issues. If a vote is needed, it will be conducted at the next workshop for Prop 84 currently scheduled for January 11, 2010 (January 11, 2010 is already reserved for a workshop).

Thank you for your continued participation in this process. Please feel free to contact me if you have any questions or concerns regarding this issue.

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

Time	Duration	Topic
10:30	60 min.	Review Projects Submitted - Mike, Kate, and Bruce <ul style="list-style-type: none"> • Review project summary sheet • Projects arranged by benefits • "Building" projects • What's missing? • Follow-up actions
11:30	20 min.	Introduce Project Information "Long" Form - Mike <ul style="list-style-type: none"> • Review process for gathering project information (short form, feedback from Steering Committee, long form, feedback from Steering and all participants, consultants review and rank according to criteria, Steering Committee reviews draft consultant ranking, Workshop #3 – review draft scoring and make adjustments in weighting, Workshop #4 – agree on Final Draft Project List • Identify additional information required on long form v. short form • Due date: December 11 • Distributed electronically to all on stakeholder distribution list tomorrow
11:50	10	Next meeting – Workshop #2, November 12, 2009 – Kathy and Jane <ul style="list-style-type: none"> • 10 am – 2 pm • CCWA, 255 Industrial Way, Buellton • Agenda Items: Update on Project Building Session finalize regional conflicts, needs, objectives; finalize water management strategies; review and finalize criteria with performance measures; develop relative importance weights of criteria; review "long" project info form (due Dec. 11, 2009); prepare for public workshop (Dec. 10, 5:30 – 7:00 pm, City Council Chambers, 100 Civic Center Plaza, Lompoc)
12:00		ADJOURN - thank you for your participation!

FYI



TRUSTEES:

DIVISION 1
LOS OLIVOS
Harlan J. Burchardi

DIVISION 2
SOLVANG
Jeff P. Clay

DIVISION 3
SOLVANG
Lee F. Bettencourt

DIVISION 4
SANTA YNEZ
Harry F. Poor

TRUSTEE-AT-LARGE
Matthew Loudon

MANAGER/SECRETARY
Chris Dahlstrom

BROWNSTEIN HYATT
FARBER SCHRECK, LLP
General Counsel

November 17, 2009

Cachuma Operations and Maintenance Board
Attn: Kate Rees – General Manager
3301 Laurel Canyon Road
Santa Barbara, CA. 93105-2017

Dear Ms. Rees,

Per your request, this letter is verification that Lee Bettencourt is now ID No. 1's Director Representative for COMB, and Mr. Matt Loudon is the Alternate Director. The nominations were made and approved at the October 21, 2009 Special Board of Trustees meeting.

Lee's mailing address is as follows: 365 Refugio Road, Santa Ynez, Ca. 93460.

Please let me know if you need any further information.

Chris Dahlstrom
General Manager/Secretary to the Board