

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

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

Monday, June 28, 2010

Approximate Start Time
3:30 p.m.

AGENDA

- 1. COMB CALL TO ORDER, ROLL CALL** (COMB Board of Directors.)
- 2. PUBLIC COMMENT** (Public may address the Board on any subject matter not on the agenda and within the Board's jurisdiction. See "Notice to the Public" below.)
- 3. CONSENT AGENDA** (For Board action by vote on one motion unless member requests separate consideration.)
 - a. Minutes May 24, 2010 Regular Board Meeting and Minutes June 18, 2010 Special Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
- 4. REPORTS FROM THE MANAGER**
 - a. Cachuma Water Reports
 - b. Operations Report
 - c. Proposition 50 and 84 Activities
 - d. **Verbal Report** - County-Member Unit Issues Meetings (see CCRB 5g)
 - e. **Verbal Report** - Cachuma Reservoir Current Conditions
 - f. Distribution of *Historic Santa Barbara* to the Member Units
- 5. COMB CAPITAL IMPROVEMENT PROGRAM**
 - a. Second Pipeline Project
 - 1) Project Status Report
 - 2) Permit Status Report
- 6. JESUSITA FIRE ACTIVITIES COST RECONCILIATION**

7. **PROPOSED FINAL FISCAL YEAR 2010-2011 COMB BUDGET**
8. **DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING**
9. **MEETING SCHEDULE**
 - July 26, 2010 following CCRB at 2:15 P.M., COMB Office
 - Board Packages Available on COMB Website
www.cachuma-board.org
10. **GENERAL MANAGER'S PERFORMANCE REVIEW**
 - a. [CCRB & COMB JOINT CLOSED SESSION – CCRB RECONVENE]
CONFERENCE WITH BOARDS REGARDING GENERAL MANAGER'S PERFORMANCE, PURSUANT TO GOVERNMENT CODE SECTION 54957 (a)
 - b. GENERAL MANAGER'S SALARY AND BENEFITS REVIEW – CCRB RECONVENE
11. **CCRB ADJOURNMENT**
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, May 24, 2010

1. Call to Order, Roll Call

The meeting was called to order at 3:36 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
W. D. Morgan	Montecito Water District
Lauren Hanson	Goleta Water District
Lee Bettencourt	SYR Conservation Dist ID#1

Others present:

Kate Rees	William Hair
Chris Dahlstrom	Tom Mosby
Janet Gingras	Rebecca Bjork
Gary Kvistad	Robert Dunlap
Alex Keuper	Sonia Fernandez
Ben Preston	Adelle Capponi
Tom Mosby	Geoffrey Kischuk
Ruth Snodgrass	

2. Public Comment

Phil Walker commented on the seismic risks to the Intake Tower and Lauro Reservoir. President Williams directed staff to include an evaluation of installing an early warning system for Lauro Reservoir on a Board agenda sometime during the summer.

3. Consent Agenda

- a. **Minutes:**
March 8, 2010 Special Board Meeting and April 26, 2010 Regular Board Meetings
- b. **Investment Funds**
Financial Reports
Investment Report
- c. **Payment of Claims**

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Director Hanson moved to approve the consent agenda as presented, seconded by Director Lieberknecht, 7/0/0.

4. **Consider Approval of Resolutions No. 502 and No. 503**
 - a. **Resolution No. 502 Consenting to Enter the Joint Protection Programs of the Association of California Water Agencies/Joint Powers Insurance Authority**
 - b. **Resolution No. 503 Authorizing Application to the Director of Industrial Relations, State of California for a Certificate of Consent to Self insure Workers' Compensation Liabilities**

Janet Gingras reported that staff had submitted an application to ACWA/JPIA for workers compensation insurance, and that COMB had been approved for membership into the program on March 30, 2010. Board approval of Resolutions No. 502 and 503 were needed to complete the process for the application.

Director Lieberknecht moved to approve Resolution No. 502 consenting to enter the joint protection programs of the ACWA/JPIA and No. 503 authorizing application to the Department of Industrial Relations, State of California, for a certificate of consent to self insure workers compensation liabilities, seconded by Director Hanson. A roll call vote was taken, passed 7/0/0.

5. Reports From the Manager

- a. **Cachuma Water Reports**
These reports were included in the board packet.
- b. **Operations Report**
The Operations Report was included in the board packet.
- c. **Proposition 50 and 84 Activities**
Ms. Rees highlighted the information included in the board packet on Prop 50 and Prop 84.
- d. **County-Member Unit Issues Meeting**
This was discussed during the CCRB meeting and nothing further was added.

e. **Cachuma Reservoir Current Conditions**

Date 05/24/2010

Lake Elevation	746.48 feet
Storage	176,444 acre feet
Rain (for the month to date)	.02 inches
Rain YTD (for the season to date)	26.77 inches
Fish Release-Hilton	14.3 acre feet
Month to Date Fish Release	341.9 acre feet
Month to Date Spill	0 acre feet
Year to Date Spill	0 acre feet

6. COMB Capital Improvement Program

a. Second Pipeline Project

1) Financing and Project Expenditure Approvals Schedule

Ms. Rees reported that the current financing and approval schedule for the 2nd Pipeline Project was included in the board packet. There will be a COMB Special Board meeting on June 9, 2010 to select the lowest qualified bidder, approve the project expenditure, and approve the Project Indemnification Agreement with ID#1.

2) Construction Bids

The construction bids for the 2nd Pipeline were received on May 18, 2010. The list of contractors who submitted bids was included in the board packet.

3) Project Status

This report was included in the board packet.

4) Permit Status

This report was included in the board packet.

7. Cachuma Renewal Fund/Warren Act Trust Fund Meeting and County's Public Meeting on Cachuma Project \$100,000 Betterment Fund, May 13, 2010

a. Recommended Uses of Renewal Fund/Trust Fund for FY 2010-2011

Ms. Rees reported that the annual meeting of the Cachuma Renewal Fund/Trust Fund Committee was held on May 13, 2010. The Committee authorized the funds to be used for the Lower Santa Ynez River Fisheries Program. The authorized programs for next year were the Fisheries Monitoring Program, the Hilton Creek Channel Enhancement Study, and the Oak Tree Restoration Program. The full amount of the Renewal Fund will be applied to the first six month FY 10-11 CCRB Budget. The Trust Fund will equally split between the two six-month budgets because Trust Fund payments from CCWA are made quarterly.

b. Recommended Uses of County Water Agency's Cachuma Project \$100,000 Betterment Fund for FY 2010-2011

Ms. Rees and Mr. Naftaly, representing the Member Units and the County respectively, concurred that the Cachuma \$100,000 Betterment Fund for Fiscal Year 2010-2011 will be used for the USGS Stream Gage Monitoring for the fisheries program (\$73,000) and for preparation of the Final Surcharge Operations Report prepared by Stetson Engineers (\$27,000).

Director Williams moved to approve the recommended use of the County Water Agency's Cachuma project \$100,000 Betterment Fund for Fiscal Year 2010-2011, seconded by Director Hanson, passed 7/0/0.

8. OPEB Liability Presentation – Geoff Kischuk, Total Compensation Systems, Inc.

Geoffrey Kischuk, Total Compensation Systems, Inc. prepared the actuarial study of Retiree Health Liabilities for COMB that was included in the board packet, and gave a presentation on the OPEB liability and pre-funding options for the Board's information.

9. Proposed Preliminary FY 2010-2011 COMB Budget

A revised FY 2010-11 Preliminary COMB Budget was distributed at the Board meeting. Staff answered questions from the Directors regarding the preliminary budget, and detailed the additional reductions being proposed. The final FY 2010-2011 COMB Budget will be presented to the Board for approval at the June 28th regular Board meeting.

10. Consideration of License Agreement for Kimball-Griffith for Use of Federal Right-of-Way at Ortega Reservoir Ridge Road

Ms. Rees reported that the Kimball-Griffith family owns the undeveloped property at 582 Ortega Ridge Road. They have requested a license from COMB to access their property from the top along Ortega Reservoir Ridge Road through the COMB gate. Counsel Bill Hair's opinion was that the property owners were vague about why they needed additional access to the top of their property when they already have access from the bottom of the property. He did not believe it was in the best interest of COMB to grant their request, and recommends that the Board decline the Griffith's request for an access license.

Director Morgan moved to deny the property owners request for a license from COMB to access their property along Ortega Reservoir Ridge Road, seconded by Director Hanson, passed 7/0/0.

11. Directors' Request for Agenda Items for Next Meeting

President Williams requested that an early warning system at Lauro Reservoir be added to the agenda in the summer.

Director Morgan requested the evaluation of salaries and benefits be added to a future agenda. Ms. Rees reported that that discussion would begin in August with the Finance Committee.

12. Meeting Schedule

The next regular Board meeting will be held June 28, 2010 following the CCRB meeting at 2:15 P.M.

A Special Board meeting will be held June 9, 2010 at 2:00 p.m. The Directors by consensus changed the start time to 1:00 p.m. on June 9th.

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

13. General Manager's Performance Review

- a. **[CCRB & COMB Joint Closed Session – CCRB Reconvene] Conference With Boards Regarding General Manager's Performance, Pursuant to Government Code Section 54957 (a)**

The Boards went into closed session at 5:08 p.m. and came out of closed session at 5:12 p.m.

The report out of closed session was that the Board had deferred this item to the next regular Board meeting of COMB and CCRB, June 28, 2010.

- b. **General Manager's Salary and Benefits Review – CCRB Reconvene**

14. CCRB Adjournment

CCRB adjourned at 5:13 p.m.

15. COMB Adjournment

There being no further business, the meeting was adjourned at 5:13 p.m.

Respectfully submitted,

Kate Rees, Secretary of the Board

APPROVED:

Das Williams, President

Approved _____

Unapproved _____ ✓

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**MINUTES OF A SPECIAL MEETING
of the
CACHUMA OPERATION & MAINTENANCE BOARD
held at
3301 Laurel Canyon Road
Santa Barbara, CA
Friday, June 18, 2010**

1. Call to Order, Roll Call

The COMB meeting was called to order at 12:01 p.m. by President Williams, who chaired the meeting. Those in attendance were:

Directors Present:

Das Williams	City of Santa Barbara
Lauren Hanson	Goleta Water District
Doug Morgan	Montecito Water District
Robert Lieberknecht	Carpinteria Valley Water District

Others present

Kate Rees	Bill Hair (via phone)
Tom Mosby	John McInnes
Alex Keuper	Bill Ferguson
Matt Bloise	Alexandra Burnhill
Isaiah Brookshire	Ben Preston
Ruth Snodgrass	

2. Public Comment

There were no comments from the public.

3. Projected Revised Schedule for 2nd Pipeline Project

Ms. Rees reported that there is a potentially major time delay for the 2nd Pipeline Project due to additional studies needed prior to Reclamation issuing a National Historic Preservation Act (NHPA) Section 106 Permit for Cultural Resources. Reclamation received two letters from the Chumash Tribes on May 13, 2010, one from the Santa Ynez Band and one from the Barbareno band, requesting that additional analysis and field testing be carried out at two additional locations to determine if any archaeological artifacts might be present. Independent of the 2nd Pipeline Project, Reclamation has also recently completed a historic evaluation of the Cachuma Project, and will be recommending to SHPO that it be considered eligible for the inclusion in the National

Register as a historic landmark because it is over 50 years old and has historic significance. Consequently, this must also included as part of the Section 106 permitting process. The 2nd Pipeline Project calls for the destruction of the existing south portal structure due to its deteriorated condition. Because the south portal structure is considered to be part of the Tecolote Tunnel, which has now been identified as historic cultural resource, Reclamation needs to mitigate for the adverse effect by documenting its historic significance, and enter into a Memorandum of Agreement (MOA) with SHPO to address the adverse impacts. Reclamation has told COMB staff an architectural historian needs to be hired to complete the evaluation and recordation of the south portal structure and archaeological spoil area around the south portal.

This delay also affects Reclamation's issuance of a construction permit for the project, which requires a Record of Decision signed for the Final EIS, which in turn requires that the Section 106 permit first be issued. In April, when the project was put out for bid, Ms. Rees and COMB's environmental and engineering consultants strongly believed that because COMB had met all of the Section 106 requirements, Reclamation would issue the permit by the end of May. This would have allowed ample time for Reclamation to complete the EIS process and issue the construction permit, prior to breaking ground for construction of the project. Therefore, Ms. Rees authorized the project to be bid.

Included in the board packet were: 1) a critical path flowchart of the actions that now have to take place before Reclamation can issue a Section 106 Permit; 2) a projected timeline assuming no additional buried resource investigation for buried resources is warranted; and 3) a projected timeline assuming additional buried resources field testing and investigation is needed. Ms Rees stressed that the dates are estimated and subject to change, as there are tasks that have no deadline, such as the MOA with SHPO. The timelines will be updated as additional information is received.

The first step is to carry out a geomorphic probability study of the additional sites identified by the tribal representatives. In addition, historic evaluation and documentation of the south portal structure and surrounding spoil area needs to be done as quickly as possible. Ms. Rees reported that these new studies will push the schedule beyond the 90 day bid period, and that the good construction bid is at risk unless the contractor agrees to extend his bid for a longer time period.

Ms. Rees also reported that although the SWRCB staff cannot provide a guarantee, they have said they are confident that the one year extension requested by the County Water Agency for the Prop 50 grant will be approved, as there are several Santa Barbara projects bumping into the March 1, 2012 deadline. This would allow additional time to complete the 2nd Pipeline Project.

Directors Hanson and Morgan requested that Ms. Rees get a firm date from the lowest qualified bidder regarding how long he would be willing to hold his bid price for the 2nd Pipeline Project.

Bill Ferguson requested that some clarification be made on invoicing for the Prop 50 grant. Specifically, will the SWRCB pay invoices submitted after the March 1, 2012 deadline or pay only those invoices submitted up to the deadline. Ms. Rees will follow up on both of these requests.

4. Proposed FY 2009-10 Budget Reallocation for Additional Consultant Work Required for Cultural Resources Permit for 2nd Pipeline Project

Ms. Rees requested that the Board approve a FY 2009-10 COMB Budget reallocation for the 2nd Pipeline Project to complete the additional permitting work necessary for the Section 106 Permit for Cultural Resources. Included in the board packet were scopes of work from the consultants for the various tasks needed to complete the additional permitting work.

Director Hanson moved to approve recommendations 1 through 6:

1. Consider reallocation of \$95,000 in FY 2009-10 budgeted funds from Account 6096 – Structure Rehabilitation to Account 6092 – SCC Improvement and Design, to pay for additional consulting work needed for the regulatory permitting requirements for the SCC Upper Reach Reliability Project (2nd Pipeline Project).
2. Authorize General Manager to approve Purchase Order for Applied Earthworks for an archaeological geomorphology study and additional buried resources analyses, if warranted, for the 2nd Pipeline Project, to be approved by the General Manager in phases, as needed, not to exceed \$28,676.
3. Authorize General Manager to approve Purchase Order for Applied Earthworks for architectural historical resources recordation, evaluation, and documentation for the 2nd Pipeline Project, not to exceed \$19,198.
4. Authorize General Manager to approve Purchase Order for Entrix to assist and provide oversight of Applied Earthworks' archaeological geomorphology study and south portal historical architectural recording activities (Tasks 4 and 5 of the attached scope of work), and continuation of coordination of Section 106 permitting process and completion of NEPA EIS process (\$5,000 of Task 1e), not to exceed \$20,677.
5. Reserve \$18,000 for any future pre-construction project management or bid activities, and authorize General Manager to approve up to \$18,000 for AECOM to complete these activities, should they be needed.
6. Authorize General Manager to approve up to a 10% contingency amount of \$8,555 for the above work.

Seconded by Director Williams, passed 5/1/1, Director Morgan voted no and Director Bettencourt was absent.

Director Lieberknecht expressed his concern that if the lowest bidder agreed to hold his bid price until the permits were issued, change orders during construction could result in a higher project cost than anticipated. He recommended that the schedule should include rebidding the project after all permits were in hand. Ms. Rees said that is reflected in the timeline charts provided.

5. COMB Adjournment

There being no further business, the COMB meeting was adjourned at 12:53 p.m.

Respectfully submitted,

Kate Rees, Secretary of the Board

APPROVED:

Das Williams, President

sec.comb/boardminutes/06.18.2010COMB Minutes.doc

Approved _____
Unapproved _____ ✓

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COMB
Statement of Net Assets
 As of May 31, 2010

	May 31, 10
ASSETS	
Current Assets	
Checking/Savings	
1050 · GENERAL FUND	226,665.07
1100 · REVOLVING FUND	10,577.44
TRUST FUNDS	
1210 · WARREN ACT TRUST FUND	119,358.73
1220 · RENEWAL FUND	5,038.29
Total TRUST FUNDS	124,397.02
Total Checking/Savings	361,639.53
Other Current Assets	
1010 · PETTY CASH	400.00
1200 · LAIF	930,089.18
1300 · DUE FROM CCRB	55,764.70
1303 · Bradbury SOD Act Assmnts Rec	59,192.00
1304 · Lauro Dam SOD Assesmnt Rec	18,299.00
1400 · PREPAID INSURANCE	13,456.72
1401 · W/C INSURANCE DEPOSIT	6,529.00
Total Other Current Assets	1,083,730.60
Total Current Assets	1,445,370.13
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	277,268.80
Other Assets	
1910 · LT Bradbury SOD Act Assess Rec	5,686,239.07
1920 · LT Lauro SOD Act Assess Rec	976,048.00
Total Other Assets	6,662,287.07
TOTAL ASSETS	8,384,926.00

COMB
Statement of Net Assets
 As of May 31, 2010

May 31, 10

LIABILITIES & NET ASSETS

Liabilities

Current Liabilities

Accounts Payable

2200 · ACCOUNTS PAYABLE

50,912.50

Total Accounts Payable

50,912.50

Other Current Liabilities

2550 · VACATION/SICK

73,628.67

2561 · BRADBURY DAM SOD ACT

59,192.60

2562 · SWRCB-WATER RIGHTS FEE

-0.26

2563 · LAURO DAM SOD ACT

18,299.00

2590 · DEFERRED REVENUE

124,397.02

Payroll-CCRB DepPrm

4.62

Payroll-DepPrm Ops

4.62

Total Other Current Liabilities

275,526.27

Total Current Liabilities

326,438.77

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury

5,686,239.07

2603 · LT SOD Act Liability - Lauro

976,048.00

Total Long Term Liabilities

6,662,287.07

Total Liabilities

6,988,725.84

NET ASSETS

Invested in capital assets, net of related debt

277,268.80

Restricted

124,397.02

Unrestricted

994,534.34

Total Equity

1,396,200.16

TOTAL LIABILITIES & EQUITY

8,384,926.00

COMB Statement of Revenues and Expenditures July 2009 through May 2010

	TOTAL			
	Jul '09 - May 10	Budget	\$ Over Budget	% of Budget
Income				
3000 REVENUE				
3001 · O&M Budget (Qtrly Assessments)	2,712,496.99	2,265,727.00	446,769.99	119.72%
3005 · Assessments Returned to Member	-825,000.00			
3007 · Renewal Fund	0.00			
3010 · Interest Income	5,312.08			
3020 · Misc Income	8,814.48			
3021 · Grant Income	0.00			
3031 · Ins. Reimbrsmnt - Jesusita Fire	312,034.85			
Total 3000 REVENUE	2,213,658.40	2,265,727.00	-52,068.60	97.7%
Total Income	2,213,658.40	2,265,727.00	-52,068.60	97.7%
Gross Profit	2,213,658.40	2,265,727.00	-52,068.60	97.7%
Expense				
4000 · Reconciliation Discrepancies	3.16			
3100 LABOR				
3101-A · Ops Supervisor	32,003.73			
3101-H · Holiday Leave	12,647.97			
3101-S · Sick Leave	9,890.44			
3101-V · Vacation Leave	14,262.29			
3102 · Meter Reading	3,288.90			
3103 · SCC Ops	221,615.65			
3104 · Veh & Equip Mtce	4,101.70			
3105 · SCADA	2,473.60			
3106 · Rodent Bait	3,329.03			
3107 · NORTH PORTAL				
3107-1 · NP INTAKE TOWER				
3107-1a · Maintenance	175.19			
3107-1b · Cleaning	1,132.37			
3107-1f · Operations	116.80			
3107-1g · Road	116.80			
3107-1j · Rehabilitation	526.74			
Total 3107-1 · NP INTAKE TOWER	2,067.90			
3107-2 · NP CONTROL STATION				
3107-2a · Maintenance	1,315.88			
3107-2b · Cleaning	178.04			

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COMB

Statement of Revenues and Expenditures

July 2009 through May 2010

Accrual Basis

	TOTAL		
	Jul '09 - May 10	Budget	% of Budget
3107-2d · Weed Management	520.16		
3107-2e · Landscaping	62.85		
3107-2f · Operations	109.05		
3107-2g · Road	62.85		
Total 3107-2 · NP CONTROL STATION	2,248.83		
3107-3 · NP TECOLOTE TUNNEL			
3107-3a · Maintenance	157.13		
Total 3107-3 · NP TECOLOTE TUNNEL	157.13		
Total 3107 · NORTH PORTAL	4,473.86		
3108 · GLEN ANNE			
3108-1 · GA SOUTH PORTAL			
3108-1a · Maintenance	848.48		
3108-1b · Cleaning	94.28		
3108-1d · Weed Management	3,771.66		
3108-1g · Road	2,715.70		
3108-1h · Inspection	212.12		
Total 3108-1 · GA SOUTH PORTAL	7,642.24		
3108-2 · GA RESERVOIR			
3108-2d · Weed Management	5,403.77		
3108-2g · Road	204.39		
Total 3108-2 · GA RESERVOIR	5,608.16		
3108-4 · GA TURNOUT			
3108-4b · Cleaning	157.13		
3108-4d · Weed Management	3,292.15		
Total 3108-4 · GA TURNOUT	3,449.28		
Total 3108 · GLEN ANNE	16,699.68		
3109 · CORONA DEL MAR			
3109-1 · TURNOUT			
3109-1g · Road	741.54		
3109-1h · Inspection	131.68		
Total 3109-1 · TURNOUT	873.22		

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COMB
Statement of Revenues and Expenditures
 July 2009 through May 2010

	Jul '09 - May 10	Budget	\$ Over Budget	% of Budget
Total 3109 · CORONA DEL MAR	873.22			
3110 · LAURO				
3110-1 · YARD				
3110-1a · Maintenance	4,206.08			
3110-1b · Cleaning	10,425.13			
3110-1d · Weed Management	2,210.31			
3110-1e · Landscaping	1,588.98			
3110-1f · Operations	619.62			
3110-1g · Road	722.78			
3110-1j · Rehabilitation	157.13			
Total 3110-1 · YARD	<u>19,930.03</u>			
3110-2 · CONTROL STATION				
3110-2a · Maintenance	319.47			
3110-2b · Cleaning	1,479.72			
3110-2d · Weed Management	808.85			
3110-2h · Inspection	29.20			
3110-2j · Rehabilitation	864.19			
Total 3110-2 · CONTROL STATION	<u>3,501.43</u>			
3110-3 · RESERVOIR				
3110-3a · Maintenance	1,893.96			
3110-3b · Cleaning	282.83			
3110-3c · Fencing	416.45			
3110-3e · Landscaping	1,491.67			
3110-3d · Weed Management	4,211.53			
3110-3g · Road	1,652.19			
3110-3h · Inspection	157.13			
3110-3j · Rehabilitation	131.68			
Total 3110-3 · RESERVOIR	<u>10,237.44</u>			
3110-4 · DEBRIS BASINS				
3110-4a · Maintenance	125.70			
3110-4b · Cleaning	89.02			
3110-4e · Landscaping	98.76			
3110-4f · Operations	188.55			
3110-4h · Inspection	436.20			

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COMB

Statement of Revenues and Expenditures

July 2009 through May 2010

Accrual Basis

	TOTAL		
	Jul '09 - May 10	Budget	% of Budget
Total 3110-4 · DEBRIS BASINS	938.23		
Total 3110 · LAURO	34,607.13		
3111 · OFFICE			
3111-1 · CREW OFFICE			
3111-1a · Maintenance	125.70		
Total 3111-1 · CREW OFFICE	125.70		
3111-2 · IMPLANTS			
3111-2j · Rehabilitation	362.13		
Total 3111-2 · IMPLANTS	362.13		
3111-3 · MAIN OFFICE			
3111-3f · Operations	32.72		
Total 3111-3 · MAIN OFFICE	32.72		
3111-4 · SHOPS			
3111-4a · Maintenance	262.79		
3111-4b · Cleaning	356.08		
3111-4i · Engineering	1,020.55		
Total 3111-4 · SHOPS	1,639.42		
Total 3111 · OFFICE	2,159.97		
3112 · SHEFFIELD			
3112-1 · CONTROL STATION			
3112-1a · Maintenance	305.35		
3112-1d · Weed Management	146.00		
Total 3112-1 · CONTROL STATION	451.35		
Total 3112 · SHEFFIELD	451.35		
3113 · ORTEGA			
3113-1 · CONTROL STATION			
3113-1a · Maintenance	62.85		
3113-1c · Fencing	219.98		
3113-1d · Weed Management	801.23		
3113-1f · Operations	125.70		

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COMB
Statement of Revenues and Expenditures
 July 2009 through May 2010

	TOTAL		
	Jul '09 - May 10	Budget	\$ Over Budget
			% of Budget
Total 3113-1 · CONTROL STATION	1,209.76		
3113-2 · RESERVOIR			
3113-2a · Maintenance	208.85		
3113-2d · Weed Management	1,044.23		
3113-2f · Operations	1,523.08		
3113-2h · Inspection	233.60		
Total 3113-2 · RESERVOIR	<u>3,009.76</u>		
Total 3113 · ORTEGA	4,219.52		
3115 · CARPINTERIA			
3115-1 · CONTROL STATION			
3115-1a · Maintenance	504.22		
3115-1b · Cleaning	94.28		
3115-1c · Fencing	128.24		
3115-1d · Weed Management	377.10		
3115-1f · Operations	191.09		
Total 3115-1 · CONTROL STATION	<u>1,294.93</u>		
3115-2 · RESERVOIR			
3115-2a · Maintenance	908.02		
3115-2b · Cleaning	4,763.23		
3115-2c · Fencing	94.28		
3115-2d · Weed Management	886.12		
3115-2f · Operations	318.74		
3115-2h · Inspection	29.20		
Total 3115-2 · RESERVOIR	<u>6,999.59</u>		
Total 3115 · CARPINTERIA	8,294.52		
3116 · GOLETA REACH			
3116-1 · STRUCTURES			
3116-1a · Maintenance	149.72		
3116-1b · Cleaning	106.87		
3116-1g · Road	251.40		
3116-1j · Engineering	502.80		
Total 3116-1 · STRUCTURES	<u>1,010.79</u>		

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Statement of Revenues and Expenditures

July 2009 through May 2010

	TOTAL		
	Jul '09 - May 10	Budget	% of Budget
3116-2 · LATERAL METERS			
3116-2h · Inspection	32.92		
Total 3116-2 · LATERAL METERS	32.92		
Total 3116 · GOLETA REACH	1,043.71		
3117 · CARPINTERIA REACH			
3117-1 · STRUCTURES			
3117-1j · Rehabilitation	377.10		
Total 3117-1 · STRUCTURES	377.10		
3117-2 · LATERAL METERS			
3117-2a · Maintenance	350.39		
3117-2i · Engineering	98.76		
3117-2j · Rehabilitation	131.68		
Total 3117-2 · LATERAL METERS	580.83		
Total 3117-1 · CONDUIT	2,005.89		
3117-4 · CONDUIT	2,005.89		
Total 3117-4 · CONDUIT	2,005.89		
Total 3117 · CARPINTERIA REACH	2,963.82		
3150 · Health & Workers Comp	131,652.12		
3155 · PERS	60,997.63		
3160 · Payroll Comp FICA Ops	26,218.57		
3165 · Payroll Comp MCARE Ops	6,131.78		
3100 LABOR - Other	0.00	886,401.00	0.0%
Total 3100 LABOR	604,400.19	886,401.00	68.19%
3200 VEH & EQUIPMENT			
3201 · Vehicle/Equip Mtce	22,065.68	40,000.00	55.16%
3202 · Fixed Capital	1,251.19	40,000.00	3.13%
3203 · Equipment Rental	2,738.25	5,000.00	54.77%
3204 · Miscellaneous	3,124.61	15,000.00	20.83%
Total 3200 VEH & EQUIPMENT	29,179.73	100,000.00	29.18%
3300 · CONTRACT LABOR			
-886,401.00			
-282,000.81			

COMB Statement of Revenues and Expenditures July 2009 through May 2010

	TOTAL			
	Jul '09 - May 10	Budget	\$ Over Budget	% of Budget
3301 · Conduit, Meter, Valve & Misc	8,600.39	12,000.00	-3,399.61	71.67%
3302 · Buildings & Roads	6,640.46	16,000.00	-9,359.54	41.5%
3303 · Reservoirs	3,675.50	52,000.00	-48,324.50	7.07%
3304 · Engineering, Misc Services	0.00	20,000.00	-20,000.00	0.0%
Total 3300 · CONTRACT LABOR	18,916.35	100,000.00	-81,083.65	18.92%
3400 · MATERIALS & SUPPLIES				
3401 · Conduit, Meter, Valve & Misc	141.13	25,000.00	-24,858.87	0.57%
3402 · Buildings & Roads	8,181.31	25,000.00	-16,818.69	32.73%
3403 · Reservoirs	7,319.33	10,000.00	-2,680.67	73.19%
Total 3400 · MATERIALS & SUPPLIES	15,641.77	60,000.00	-44,358.23	26.07%
3500 · OTHER EXPENSES				
3501 · Utilities	4,487.59	6,500.00	-2,012.41	69.04%
3502 · Uniforms	575.79	6,500.00	-5,924.21	8.86%
3503 · Communications	15,592.57	20,000.00	-4,407.43	77.96%
3504 · USA & Other Services	2,359.15	4,000.00	-1,640.85	58.98%
3505 · Miscellaneous	10,259.74	8,000.00	2,259.74	128.25%
3506 · Training	895.00	8,000.00	-7,105.00	11.19%
Total 3500 · OTHER EXPENSES	34,169.84	53,000.00	-18,830.16	64.47%
4999 · GENERAL & ADMINISTRATIVE				
5000 · Director Fees				
5001 · Director Mileage	1,028.53			
5000 · Director Fees - Other	10,496.00	12,000.00	-1,504.00	87.47%
Total 5000 · Director Fees	11,524.53	12,000.00	-475.47	96.04%
5100 · Legal	93,012.68	63,000.00	30,012.68	147.64%
5101-1 · Audit	12,000.00	12,000.00	0.00	100.0%
5150 · Unemployment Tax	1,800.00	7,567.00	-5,767.00	23.79%
5200 · Liability Insurance	36,927.00	40,000.00	-3,073.00	92.32%
5201 · Health & Workers Comp	68,544.51	72,310.00	-3,765.49	94.79%
5250 · PERS	36,280.81	39,760.00	-3,479.19	91.25%
5260 · Company FICA Admin	13,248.53	15,658.00	-2,409.47	84.61%
5265 · Company MCARE Admin	3,358.45	3,662.00	-303.55	91.71%
5300 · Manager Salary	66,807.59	73,000.00	-6,192.41	91.52%
5301 · Administrative Manager	88,798.08	96,198.00	-7,399.92	92.31%
5306 · Administrative Assistant	54,957.69	59,421.00	-4,463.31	92.49%
5310 · Postage/Office Exp	5,261.72	9,000.00	-3,738.28	58.46%

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COMB Statement of Revenues and Expenditures July 2009 through May 2010

	TOTAL			
	Jul '09 - May 10	Budget	\$ Over Budget	% of Budget
5311 · Office Equip/Leases	5,227.26	6,200.00	-972.74	84.31%
5312 · Misc Admin Expenses	8,191.22	12,000.00	-3,808.78	68.26%
5313 · Communications	3,474.79	6,000.00	-2,525.21	57.91%
5314 · Utilities	6,270.82	6,000.00	270.82	104.51%
5315 · Membership Dues	5,713.00	6,050.00	-337.00	94.43%
5316 · Admin Fixed Assets	0.00	5,000.00	-5,000.00	0.0%
5318 · Computer Consultant	14,903.59	10,000.00	4,903.59	149.04%
5325 · Emp Training/Subscriptions	1,768.95	4,500.00	-2,731.05	39.31%
5330 · Admin Travel/Conferences	2,620.72	5,000.00	-2,379.28	52.41%
5331 · Public Information	429.24	6,000.00	-5,570.76	7.15%
5332 · Transportation	1,045.50	1,000.00	45.50	104.55%
Total 4999 · GENERAL & ADMINISTRATIVE	542,166.68	571,326.00	-29,159.32	94.9%
5510 · Integrated Reg. Water Mgt Plan	7,800.00	70,000.00	-62,200.00	11.14%
6000 · SPECIAL PROJECTS				
6062 · SCADA	10,946.90	50,000.00	-39,053.10	21.89%
6090-1 · COMB Bldg/Grounds Repair	5,707.50	50,000.00	-44,292.50	11.42%
6092 · SCC Improv Plan & Design	302,333.59	360,800.00	-58,466.41	83.8%
6092-1 · SCC Improv Plan & Design - UF	0.00	-185,800.00	185,800.00	0.0%
6096 · SCC Structure Rehabilitation	1,593.44	100,000.00	-98,406.56	1.59%
6097 · GIS and Mapping	9,739.54	50,000.00	-40,260.46	19.48%
Total 6000 · SPECIAL PROJECTS	330,320.97	425,000.00	-94,679.03	77.72%
6400 · STORM DAMAGE				
6403 · Jesusita Fire Damage	247,923.14	375,000.00	-127,076.86	66.11%
6403-1 · Jesusita Fire Damage - UF	0.00	-375,000.00	375,000.00	0.0%
Total 6400 · STORM DAMAGE	247,923.14	0.00	247,923.14	100.0%
PAYROLL				
Gross	-0.14			
Gross-CCRB	0.16			
Total PAYROLL	0.02			
Total Expense	1,830,521.85	2,265,727.00	-435,205.15	80.79%
Net Income	383,136.55	0.00	383,136.55	100.0%

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

www.treasurer.ca.gov/pmia-laif

June 16, 2010

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Transactions
Tran Type Definitions

May 2010 Statement

Account Summary

Total Deposit:	0.00	Beginning Balance:	930,089.18
Total Withdrawal:	0.00	Ending Balance:	930,089.18

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

Kathleen Rees
Secretary

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**SANTA BARBARA
BANK & TRUST**

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

5542

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

Banking Statement

Statement Period: 05/01/2010 to 05/31/2010

Customer Number:

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

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

www.sbbt.com

UNLAWFUL INTERNET GAMBLING NOTICE

Restricted transactions as defined in Federal Reserve Regulation GG are prohibited from being processed through this account or relationship. Restricted transactions generally include, but are not limited to, those in which credit, electronic fund transfers, checks, or drafts are knowingly accepted by gambling businesses in connection with the participation by others in unlawful Internet gambling.

Business Money Market

Checking Summary

Cachuma Operation & Maintenance Board

Master Contract Renewal Fund

Account Number	102335072
Interest Paid YTD	8.34
Interest Paid Last Year	49.13

Deposit Account Recap

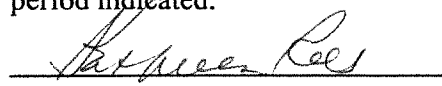
Beginning Balance as of		
May 1, 2010		5,037.01 ^{EP}
1 Deposits (Plus)		1.28 ^{6/9/10}
Ending Balance as of		5,038.29
May 31, 2010		
Interest Paid		1.28

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Kathleen Rees, Secretary

SUBJECT: COMB INVESTMENT POLICY

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


Secretary

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**SANTA BARBARA
BANK & TRUST**

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

5543

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

Banking Statement

Statement Period: 05/01/2010 to 05/31/2010

Customer Number:

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

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

www.sbbt.com

NOTICE: FUNDS AVAILABILITY POLICY CHANGE

Effective immediately, Pacific Capital Bank, N.A. has amended its Funds Availability Policy. In some cases this will reduce the number of days the bank may place holds on your deposits. For more information, please contact your local branch or call a service representative at the number above.

Public Capital Tiered MMDA

Checking Summary

Cachuma Operation & Maintenance Board

Cachuma Project Trust Fund

Account Number	102335080
Interest Paid YTD	295.80
Interest Paid Last Year	846.73

Deposit Account Recap

Beginning Balance as of

May 1, 2010 *KR* 119,308.05 ✓

1 Deposits (Plus) *6/1/10* 50.68

Ending Balance as of

May 31, 2010 119,358.73


Interest Paid 50.68

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


Secretary

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2:49 PM
06/21/10
Accrual Basis

comb2
Payment of Claims
As of May 31, 2010

Date	Num	Name	Memo	Split	Amount
1050 · GENERAL FUND					
5/7/2010	18913	Acorn Landscape Manage...	Scheduled mtce	2200 · ACC...	-253.17
5/7/2010	18914	ACWA Health Benefits Au...	Jun EAP	2200 · ACC...	-46.02
5/7/2010	18915	AT&T	Apr statement	2200 · ACC...	-332.82
5/7/2010	18916	Carpinteria Valley Lumber ...	Plastic sheeting	2200 · ACC...	-51.10
5/7/2010	18917	CIO Solutions, LP	Support	2200 · ACC...	-831.25
5/7/2010	18918	Coastal Copy, LP	Lease/mtce agmt KM-C4035 3/9-...	2200 · ACC...	-289.75
5/7/2010	18919	COMB-Petty Cash	Replenish petty cash	2200 · ACC...	-220.20
5/7/2010	18920	COMB - Revolving Fund	May 14 & 28 payroll/taxes	2200 · ACC...	-111,801.24
5/7/2010	18921	Crop Production Services	Hericide supplies	2200 · ACC...	-87.70
5/7/2010	18922	Das Williams	Apr mtg fees	2200 · ACC...	-132.15
5/7/2010	18923	ECHO Communications	Answering service	2200 · ACC...	-62.00
5/7/2010	18924	Famcon Pipe & Supply	CCRB PO#5071 Water quality tes...	2200 · ACC...	-421.75
5/7/2010	18925	GE Capital	Copies lease Billing ID#90133933...	2200 · ACC...	-499.16
5/7/2010	18926	Graybar Electric Company...	Lighting	2200 · ACC...	-89.76
5/7/2010	18927	Growing Solutions	Plant care PO#8931	2200 · ACC...	-100.00
5/7/2010	18928	Lauren W. Hanson	Apr mtg fees	2200 · ACC...	-266.00
5/7/2010	18929	Lee F. Bettencourt	Apr mtg fees	2200 · ACC...	-156.35
5/7/2010	18930	McCormix Corp.	Diesel fuel	2200 · ACC...	-130.11
5/7/2010	18931	Nextel Communications	Cellular	2200 · ACC...	-625.02
5/7/2010	18932	Nordman, Cormany, Hair ...	Gen Counsel Apr services	2200 · ACC...	-7,920.00
5/7/2010	18933	PG&E		2200 · ACC...	-187.42
5/7/2010	18934	Powell Garage	Colorado service	2200 · ACC...	-270.27
5/7/2010	18935	Praxair Distribution, Inc	Cylinder rental	2200 · ACC...	-44.64
5/7/2010	18936	Prudential Overall Supply		2200 · ACC...	-365.05
5/7/2010	18937	Rain for Rent Santa Paula		2200 · ACC...	-1,856.05
5/7/2010	18938	Republic Elevator Co.	Scheduled mtce	2200 · ACC...	-256.90
5/7/2010	18939	Robert R. Lieberknecht	Apr mtg fees	2200 · ACC...	-284.29
5/7/2010	18940	Schwan Brothers Excavati...	Equip relocation	2200 · ACC...	-230.00
5/7/2010	18941	Science Applications Inter...	SCC/Goleta Reach Env. Consulti...	2200 · ACC...	-3,122.90
5/7/2010	18942	Southern California Edison	Main ofc/outlying statiosn	2200 · ACC...	-1,156.53
5/7/2010	18943	Southwest Services	Qrtly calibration-SP/Lauro inflow/...	2200 · ACC...	-598.45
5/7/2010	18944	Staples Credit Plan	Office supplies	2200 · ACC...	-511.38
5/7/2010	18945	State Compensation Insur...	Payroll Report Apr 2010	2200 · ACC...	-6,537.19
5/7/2010	18946	Underground Service Alert...	Apr tickets	2200 · ACC...	-112.50
5/7/2010	18947	UPS	Shipping	2200 · ACC...	-15.47
5/7/2010	18948	Verizon Wireless	Cellular	2200 · ACC...	-179.69
5/7/2010	18949	W. Douglas Morgan	Apr mtg fees	2200 · ACC...	-138.00
5/7/2010	18950	WFCB-OSH Commercial ...		2200 · ACC...	-109.57
5/7/2010	18951	PAPA	PAPA Seminar-DN Oxnard-Santa ...	2200 · ACC...	-140.00
5/7/2010	18952	PAPA	PAPA Seminar-DN Bakersfield-O...	2200 · ACC...	-140.00
5/7/2010	18953	PAPA	PAPA Seminar FB Oxnard-Santa ...	2200 · ACC...	-140.00
5/12/2010	18954	A-OK Mower Shops, Inc.	Blades	2200 · ACC...	-54.10
5/12/2010	18955	A.G.S. Rebuilders, Inc.	Chev 6500 repair	2200 · ACC...	-126.99
5/12/2010	18956	AECOM USA Inc.		2200 · ACC...	-62,136.69
5/12/2010	18957	Cachuma Cons. Release ...	Grant monies-NFWF El Jaro Crk ...	2200 · ACC...	-40,000.00
5/12/2010	18958	CIO Solutions, LP		2200 · ACC...	-1,181.00
5/12/2010	18959	City of Santa-Barbara	Refuse/recycle 3/30-4/29/10	2200 · ACC...	-158.12
5/12/2010	18960	City of Santa Barbara-Cen...	Rubber boots/gloves	2200 · ACC...	-100.47
5/12/2010	18961	County of Santa-Barbara		2200 · ACC...	-102.13
5/12/2010	18962	County of Santa Barbara	Hazmat waste disposal	2200 · ACC...	-75.25
5/12/2010	18963	Culligan Water	RO system May	2200 · ACC...	-24.95
5/12/2010	18964	Electronic Data Solutions	Antenna cable PO#8954	2200 · ACC...	-123.75
5/12/2010	18965	Fed Ex Kinko's, Inc.	Copies-re-org materials	2200 · ACC...	-431.30
5/12/2010	18966	Fleet Services	Fuel	2200 · ACC...	-3,260.51
5/12/2010	18967	Flowers & Associates, Inc.	SCC Right of way-thru Mar PO#0...	2200 · ACC...	-4,100.50
5/12/2010	18968	Larry's 8-Day Auto Parts	Vehicle mtce supplies	2200 · ACC...	-8.25
5/12/2010	18969	Melinda L. Fournier	Apr2010 services PO#09-10-08	2200 · ACC...	-4,200.00
5/12/2010	18970	Paychex, Inc.	4/16,30 payrolls/taxes	2200 · ACC...	-262.90
5/12/2010	18971	Powell Garage	Chev 6500 service	2200 · ACC...	-214.42
5/12/2010	18972	SB Home Improvement C...	Back support	2200 · ACC...	-16.74
5/12/2010	18973	Science Applications Inter...	Lauro Debris Basin Jul-Mar servic...	2200 · ACC...	-1,772.50

2:49 PM
06/21/10
Accrual Basis

comb2
Payment of Claims
As of May 31, 2010

Date	Num	Name	Memo	Split	Amount
5/12/2010	18974	SD Auto Parts	Oil/air filters	2200 · ACC...	-47.76
5/12/2010	18975	Southern California Edison		2200 · ACC...	-43.29
5/12/2010	18976	Ventura County Star	Engineer ad	2200 · ACC...	-679.75
5/12/2010	18977	Verizon California		2200 · ACC...	-464.56
5/17/2010	18978	Southern California Edison	Foothill Rd	2200 · ACC...	-33.01
5/20/2010	18979	ACWA Health Benefits Au...	6/1-7/1/10 coverage	2200 · ACC...	-12,645.06
5/20/2010	18980	J&C Services	Ofc cleaning 4/23,30 & 5/7,14	2200 · ACC...	-500.00
5/20/2010	18981	Verizon California	SCADA	2200 · ACC...	-527.26
Total 1050 · GENERAL FUND					-274,003.11
TOTAL					-274,003.11

CACHUMA OPERATION AND MAINTENANCE BOARD

METERED USE REPORT FOR MAY 2010

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter		314.42	18+62	G. WEST #1	0.00
Less 2% system losses		(6.29)	18+62	G. WEST #2	41.60
			78+00	Corona Del Mar FILTER Plant	1,200.62
			122+20	STOW RANCH	0.02
				CAMINO REAL (Bishop)	(100.00)
				STATE WTR CREDIT	0.00
				Morehart Land (SWP)	0.00
				Raytheon (SWP)	0.00
				La Cumbre SWP Transfer	0.00
			TOTAL		1,142.23
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	80.93
			386+65	MWD YARD	144.81
			487+07	VALLEY CLUB	0.58
			499+65	E. VALLEY-ROMERO PUMP	141.43
			599+27	TORO CANYON	0.00
			510+95	ORTEGA CONTROL	22.21
			510+95	MWD PUMP (SWD)	17.61
			526+43	ASEGRA RD	0.41
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.19
				STATE WTR CREDIT	0.00
				SWP CRED - CVWD	0.00
			TOTAL		408.17
			CITY OF SANTA BARBARA		
			CATER	INFLOW	2,131.82
			"	SO. FLOW	(903.66)
			Gibraltar	PENSTOCK	(713.51)
			Sheffield	SHEF.LIFT	164.55
				STANWOOD MTR TO SCC-credit	0.00
				STATE WTR CREDIT	0.00
				La Cumbre Mutual (SWP) transfer	(59.00)
			TOTAL		620.21
			S. Y. RIVER WTR CON DIST., ID#1		
				COUNTY PARK, ETC	7.36
			TOTAL		7.36
			BREAKDOWN OF DELIVERIES BY TYPE:		
				STATE WTR TO SOUTH COAST	59.00
				BISHOP RANCH DIVERSION	0.00
			METERED DIVERSION		2,486.10
				STATE WTR CRD	0.00
TOTAL		308.13			
Note:					
COMB meter reads were taken on 6/01/2010					

09-10 ENTITLEMENT

CACHUMA OPERATION AND MAINTENANCE BOARD

WATER PRODUCTION AND WATER USE REPORT

FOR THE MONTH OF MAY 2010 AND THE WATER YEAR TO DATE

(All in rounded Acre Feet)

						MONTH TOTAL	YTD TOTAL
WATER PRODUCTION:							
Cachuma Lake (Tec. Diversion)						2,593	15,347
Tecolote Tunnel Infiltration						298	1,213
Glen Anne Reservoir						0	0
Cachuma Lake (County Park)						7	29
State Water Diversion Credit						0	418
Gibraltar Diversion Credit						0	0
Bishop Ranch Diversion						100	100
Meter Reads						2,486	15,296
So. Coast Storage gain/(loss)						3	(73)
Total Production						2,898	16,590
Total Deliveries						2,590	15,742
Unaccounted-for						309	848
% Unaccounted-for						10.65%	5.11%
WATER USE:	GWD	SB CITY	MWD	CVWD	SYRWCD I.D. #1	TOTAL	
M&I	924	620	367	153	7	2,072	
Agricultural	218		41	155		415	
TOTAL FOR MONTH	1,142	620	408	308	7	2,486	
Same Mo/prev. yr	981	899	104	312	8	2,304	
M&I Yr to date	5,832	5,227	1,696	693	28	13,477	
Ag. Yr to date	1,087	0	148	579	0	1,815	
TOTAL YTD	6,919	5,227	1,844	1,272	28	15,291	
USAGE % YTD	54.6%	39.5%	46.5%	33.0%	2.3%	42.2%	
Previous Year/YTD	6,377	3,884	1,722	1,229	37	13,249	
Evaporation	0	2	0	0	8	10	
Evaporation, YTD	30	79	12	15	31	167	
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	0	
Surplus^^	0	0	0	0	0	0	
State Water Exchange^	318	211	211	143	(883)	0	
Transfers*/Adjustment***	0	0	0	0	0	0	
Passthrough H2O**	0	0	0	0	0	0	
TOTAL AVAILABLE	12,728	13,425	3,991	3,900	2,607	36,651	
REMAINING BALANCE	5,778	8,119	2,135	2,613	2,548	21,193	

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

State Water Deliveries for MAY to Lake Cachuma were MWD 0 AF; CVWD 0 AF

GWD 0 AF (Morehart 0 AF); City of S.B. 0 AF; and LaCumbre 59 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 121 AF; MWD received 80;

City of SB received 80 AF; and CVWD received 54 AF from ID#1 in MAY 2010.

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **May 2010**

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	344.50 Feet
Water in Storage	71.40 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	541.60 Feet
Water in Storage	445.67 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	445.90 Feet
Water in Storage	16.28 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	376.00 Feet
Water in Storage	25.69 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	3.41 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	746.27 Feet
Water in Storage	175,844 AF
Area	2,854
Evaporation	1,467.5 AF
Inflow	2,257.9 AF
Downstream Release WR8918	0 AF
Fish Release	441.9 AF
Spill/Seismic Release	0 AF
State Project Water	59 AF
Change in Storage	-2,174 AF
Tecolote Diversion	2,592.9 AF

Rainfall: Month: 0.05 Season: 24.03 Percent of Normal: 117%

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

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

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

Contract Entity: Carpinteria Valley Water District
Last updated by C.O.M.B. 5/31/10

Approved Schedule Current Year 2813
Carryover Previous Year 944

Month	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT			
	M & I	Acre-feet Agr	Total	Evap	Acre-feet Div	Total	Allocation		M & I	Acre-feet Agr	Total
							M & I	Agr			
Oct	132	123	255	6	255	261	135	126	0	0	
Nov	104	106	210	3	210	213	105	107	0	0	
Dec	49	27	76	1	76	77	50	27	0	0	
Jan	46	23	69	1	69	70	47	23	0	0	
Feb	19	9	28	1	28	29	20	9	0	0	
Mar	76	51	127	2	127	129	77	52	0	0	
Apr	114	85	199	1	165	166	95	71	19	14	
May	153	155	308	0	0	0	0	0	153	155	
Jun	0	0	0	0	0	0	0	0	0	0	
Jul	0	0	0	0	0	0	0	0	0	0	
Aug	0	0	0	0	0	0	0	0	0	0	
Sep	0	0	0	0	0	0	0	0	0	0	
Total	693	579	1,272								

CONVERSIONS

STORAGE WATER	M & I	Agr	Month
M & I	-135	0	Oct
Agr	-105	0	Nov
M & I	-50	0	Dec
Agr	-47	0	Jan
M & I	-20	0	Feb
Agr	-77	0	Mar
M & I	-95	0	Apr
Agr	0	0	May
M & I	0	0	Jun
Agr	0	0	Jul
M & I	0	0	Aug
Agr	0	0	Sep

SCHEDULE AND REVISIONS				SCHEDULE AND REVISIONS			
Total	M&I	AG	Total	M&I	AG	Total	Total
944	0	944	1,013	1,800	2,813	2,813	2,813
Begin Bal			24		24		24
ID#1 Ex+24			8		8		8
ID#1 Ex+8			8		8		8
ID#1 Ex+11			11		11		11
ID#1 Ex+9			9		9		9
ID#1 Ex+15			15		15		15
ID#1 Ex+14			14		14		14
ID#1 Ex+54			54		54		54
			0		0		0
			0		0		0
			0		0		0
			0		0		0
			0		0		0

REMAINING BALANCES			
Total	M&I	AG	Total
683	0	683	2837
470	0	471	1800
394	0	394	1800
324	0	324	1800
295	0	295	1800
166	0	166	1800
0	0	0	1800
0	0	0	1800
0	0	0	1786
0	0	0	2869
			2615

TOTAL 2,615

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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. 5/31/10

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	0
Nov			821	219	1,040	8	1,040	1,048	828	221	0	0
Dec			543	121	664	2	664	666	545	121	0	0
Jan			670	69	739	1	383	383	348	36	323	356
Feb			560	33	593	0	0	0	0	0	560	33
Mar			811	61	872	0	0	0	0	0	811	61
Apr			759	139	898	0	0	0	0	0	759	139
May			924	218	1,142	0	0	0	0	0	924	218
Jun			0	0	0	0	0	0	0	0	0	0
Jul			0	0	0	0	0	0	0	0	0	0
Aug			0	0	0	0	0	0	0	0	0	0
Sep			0	0	0	0	0	0	0	0	0	0
Total	9322	3088	5,832	1,087	6,919							

Month	STORAGE WATER		CONVERSIONS		SCHEDULES AND REVISIONS		
	M & I	Agr	M & I	Agr	M & I	AG	Total
Oct	0	0	0	0	6,756	2,566	9,322
Nov	0	0	0	0	55	0	55
Dec	0	0	0	0	18	0	18
Jan	345	-345	0	0	17	0	17
Feb	-1	1	0	0	23	0	23
Mar	1	-1	0	0	21	0	21
Apr	-1	1	0	0	32	0	32
May	1	-1	0	0	31	0	31
Jun	0	0	0	0	121	0	121
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	3,088	963	6,756	2,566	9,322

Month	REMAINING BALANCES	
	M & I	AG
Oct	2098	722
Nov	1049	501
Dec	383	380
Jan	0	-1
Feb	0	0
Mar	0	-1
Apr	0	0
May	0	-1
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Total	2098	722

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TOTAL 5,779

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. 5/31/10**

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	M & I	Agr
Oct	178	165	7	343	350	182	168	0	0
Nov	252	40	3	292	295	254	40	0	0
Dec	133	8	1	141	142	134	8	0	0
Jan	152	6	1	158	159	153	6	0	0
Feb	91	3	0	94	94	91	3	0	0
Mar	177	12	0	90	90	84	6	93	6
Apr	210	9	0	0	0	0	0	210	9
May	367	41	0	0	0	0	0	367	41
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	1,560	284			1,844				

Month	STORAGE WATER		CONVERSIONS CURRENT SCHEDULE	
	M & I	Agr	M & I	
Oct	-168	168	0	0
Nov	-40	40	0	0
Dec	-8	8	0	0
Jan	-6	6	0	0
Feb	-3	3	0	0
Mar	-6	6	0	0
Apr	0	0	0	0
May	0	0	0	0
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0

Month	SCHEDULE AND REVISIONS		REMAINING BALANCES	
	Total	M & I	Total	M & I
Begin Bal	1,129	1,129	779	779
ID#1 Ex+37	0	0	484	485
ID#1 Ex+12	0	0	343	343
ID#1 Ex+12	0	0	183	184
ID#1 Ex+15	0	0	90	90
ID#1 Ex+14	0	0	0	0
ID#1 Ex+21	0	0	0	0
ID#1 Ex+20	0	0	0	0
ID#1 Ex+80	0	0	0	0
Total	1,129	1,129	1,844	1,844

Month	WATER USED CHARGED TO CURRENT ENTITLEMENT		REMAINING BALANCES	
	M & I	Agr	Total	M & I
Oct	0	0	779	779
Nov	0	0	484	485
Dec	0	0	343	343
Jan	0	0	183	184
Feb	0	0	90	90
Mar	93	6	0	0
Apr	210	9	0	0
May	367	41	0	0
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Total	660	61	1,844	1,844

TOTAL 2,136

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. 5/31/10

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M&I	Agr	Evap	Div	Total	M & I	Agr	Total
Oct	735	0	31	735	766	766	0	0
Nov	899	0	17	899	916	916	0	0
Dec	615	0	6	615	621	621	0	0
Jan	762	0	6	762	768	768	0	0
Feb	532	0	5	532	537	537	0	0
Mar	446	0	7	446	453	453	0	0
Apr	618	0	5	618	623	623	0	0
May	620	0	2	620	625	625	0	0
Jun	0	0						
Jul	0	0						
Aug	0	0						
Sep	0	0						
Total	5,227	0			5,227	5,227	370	370

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	0	0	4,937	0	4,937	0
Nov	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Total	0	0	0	0	4,937	0	4,937	0

Month	REMAINING BALANCES	
	M&I	Agr
Oct	4171	0
Nov	3256	0
Dec	2635	0
Jan	1866	0
Feb	1330	0
Mar	876	0
Apr	253	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Total	4171	0

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TOTAL 8,118

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. 5/31/10

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Acre-feet		M & I	Agr
					Total	Total		
Oct	6	0	5	6	11	0	0	0
Nov	5	0	3	5	9	0	0	0
Dec	2	0	2	2	4	0	0	0
Jan	2	0	2	2	4	0	0	0
Feb	1	0	2	1	3	0	0	0
Mar	2	0	4	2	6	0	0	0
Apr	3	0	5	3	8	0	0	0
May	7	0	8	7	15	0	0	0
Jun	0	0						
Jul	0	0						
Aug	0	0						
Sep	0	0						
Total	30	0			30			

CONVERSIONS

Month	STORAGE WATER		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	0	0	881	1,770
Nov	0	0	0	0	(25)	(128)
Dec	0	0	0	0	(29)	(21)
Jan	0	0	0	0	(34)	(15)
Feb	0	0	0	0	(54)	(10)
Mar	0	0	0	0	(42)	(4)
Apr	0	0	0	0	(27)	(58)
May	0	0	0	0	(106)	(229)
Jun	0	0	0	0		
Jul	0	0	0	0		
Aug	0	0	0	0		
Sep	0	0	0	0		
Total	0	0	839	499	881	1,770

COUNTY PARKS

Month	A. F. Used		REMAINING BALANCES	
	Total	Agr	M & I	Agr
Oct	6.45	828	329	499
Nov	5.28	819	320	499
Dec	2.49	815	316	499
Jan	1.99	811	312	499
Feb	1.40	808	309	499
Mar	2.1	801	303	499
Apr	3.0	793	295	499
May	7.4	778	280	499
Jun				
Jul				
Aug				
Sep				
Total				

TOTAL 2.546

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

Contract Entity: Santa Barbara Co. Water Agency
 Last updated by C.O.M.B. 5/31/10

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

Month	Approved Schedule Current Year	Storage Credit Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT			
			Use %	Acre-feet		Evap	Acre-feet		M & I	Acre-feet		Total
				M & I	Agr		Total	Div		Agr	M & I	
Oct	25714	10937	6.49%	1,795	515	68	2,310	2,378	1,853	525	0	0
Nov			6.77%	2,081	365	34	2,446	2,480	2,112	368	0	0
Dec			4.12%	1,342	156	12	1,498	1,510	1,354	156	0	0
Jan			4.75%	1,632	98	11	1,374	1,384	1,320	65	33	356
Feb			3.43%	1,203	45	8	655	663	651	12	560	593
Mar			4.50%	1,512	124	14	665	678	620	58	904	971
Apr			5.32%	1,704	233	11	786	798	726	71	988	1,150
May			6.81%	2,071	414	10	258	268	268	0	1,814	2,228
Jun				0	0							
Jul				0	0							
Aug				0	0							
Sep				0	0							
Total	25714	10937		13,341	1,950			15,292				

Month	STORAGE WATER		CURRENT SCHEDULE		CONVERSIONS		SCHEDULE AND REVISIONS		Total
	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr	
Oct	-33	33	0	0	0	0	19,313	6,401	25,714
Nov	65	-65	0	0	0	0	128	(128)	0
Dec	42	-42	0	0	0	0	21	(21)	0
Jan	386	-386	0	0	0	0	15	(15)	0
Feb	16	-16	0	0	0	0	10	(10)	0
Mar	72	-72	0	0	0	0	4	(4)	0
Apr	94	-94	0	0	0	0	47	(47)	0
May	1	-1	0	0	0	0	58	(58)	0
Jun			0	0	0	0	229	(229)	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			10,937	2,396	8,541	2,396	19,313	6,401	25,714

Month	COUNTY PARKS		REMAINING BALANCES		Total
	A.F. Used	M & I	M & I	Agr	
Oct	6.45	8559	6655	1904	25714
Nov	5.28	6079	4608	1471	25714
Dec	2.49	4569	3296	1273	25714
Jan	1.99	3185	2362	822	25358
Feb	1.40	2522	1727	794	24765
Mar	2.07	1844	1179	664	23794
Apr	3.00	1046	547	499	22644
May	7.36	778	280	498	20416
Jun					
Jul					
Aug					
Sep					
Total					21,194

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

MONTH	DELVRD TO LAKE	CVWD		MWD		Evap/Spill		Delvd to SC		S.B.		GWD		Delvd to SC		LCMWC		Delvd to SC		RSYS		Delvd to Lake		MLC		
		Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Spill	Delvd to SC	to Lake	Delvd to SC	to Lake	Stored	Delvd to SC	to Lake	Stored	Delvd to SC	to Lake	Stored	Delvd to SC	to Lake	Stored	Delvd to SC	to Lake	Stored	
2009																										
Bal. Fwd		0	0	0	0	0	0	0	0	0	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	0	0	5	138	0	0	0	0	0	0	0	0	0	0	0	0	0
February	122	0	0	0	0	0	0	0	0	0	0	64	58	0	0	0	0	0	0	0	0	0	0	0	0	0
March	166	0	0	0	0	0	0	0	0	0	0	129	37	0	0	0	0	0	0	0	0	0	0	0	0	0
April	332	0	0	0	0	0	0	0	0	0	0	287	45	0	0	0	0	0	0	0	0	0	0	0	0	0
May	715	0	0	0	0	0	0	400	0	0	0	220	95	0	0	0	0	0	0	0	0	0	0	0	0	0
June	460	0	0	0	0	0	0	363	0	0	0	0	97	0	0	0	0	0	0	0	0	0	0	0	0	0
July	134	0	0	0	0	0	0	0	0	0	0	0	112	0	0	0	0	0	0	0	22	0	0	0	0	0
August	100	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
September	100	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
October	95	0	0	0	0	0	0	0	0	0	0	0	95	0	0	0	0	0	0	0	0	0	0	0	0	0
November	98	0	0	0	0	0	0	0	0	0	0	0	98	0	0	0	0	0	0	0	0	0	0	0	0	0
December	72	0	0	0	0	0	0	0	0	0	0	0	72	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2537	0	0	0	0	0	0	763	0	0	0	705	1047	0	1047	0	0	0	0	0	22	0	22	0	0	0

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

MONTH	DELVRD TO LAKE	CVWD		MWD		Evap/Spill		Delvd to SC		S.B.		GWD		Delvd to SC		LCMWC		Delvd to SC		RSYS		Delvd to Lake		MLC		
		Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Spill	Delvd to SC	to Lake	Delvd to SC	to Lake	Stored	Delvd to SC	to Lake	Stored	Delvd to SC	to Lake	Stored	Delvd to SC	to Lake	Stored	Delvd to SC	to Lake	Stored	
2010																										
Bal. Fwd		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	37	0	0	0	0	0	0	0	0	0	0	0	37	28	0	0	0	0	0	0	0	0	0	0	0	0
February	25	0	0	0	0	0	0	0	0	0	0	0	25	-10	0	0	0	0	0	0	0	0	0	0	0	0
March	34	0	0	0	0	0	0	0	0	0	0	0	34	-18	0	0	0	0	0	0	0	0	0	0	0	0
April	57	0	0	0	0	0	0	0	0	0	0	0	57	0	0	0	0	0	0	0	0	0	0	0	0	0
May	59	0	0	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	212	0	0	0	0	0	0	0	0	0	0	0	212	0	212	0	0	0	0	0	0	0	0	0	0	0

Operations Report – May 2010

The average flow from Lake Cachuma into the Tecolote Tunnel for May was 59 acre-feet per day. Lake elevation was 747.02 feet at the beginning of the month and 746.27 feet at the end. 84 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 May continued with field maintenance and monitoring for the oak seedlings and honeysuckle planted at Lauro Reservoir for mitigation associated with the Lauro Retention Basin project. Project development and planning continued for the replacement of 6916' of perimeter fencing around Lauro Reservoir damaged during the fire.
- Potholing along the Upper Reach at Sta.176+65 revealed fill of over 24' over the South Coast Conduit. Penfield and Smith surveyed the impacted area and created a Topographic Survey with Profile and Alignment Drawings.
- Planning meetings for the Lauro Dam Tabletop Exercise planned at Lauro Dam for Fall 2010 took place between COMB and USBR. The scenario is expected to be an earthquake, involving all levels of emergency response within Santa Barbara County. Design Team meetings will begin in June 2010.
- Progress continued on the 2nd Pipeline. A complete status of the project is included in the board packet for the June COMB board meeting. The Operations Crew continued weed abatement and spraying efforts at Glen Anne canyon along the 2nd Barrel alignment in preparation for the 2nd Barrel project.

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
- The COMB Safety Committee inspection of facilities took place at Lauro Yard. Inspections are conducted on a bi-annual basis.

AGENDA

**PROPOSITION 50
Project Proponents
Thursday, June 10, 2010
10:30 a.m. – 12:00 p.m.**

Location: CCWA, 255 Industrial Way, Buellton, CA 93427

Conference Call In Number: 805.681.5400
Passcode: 554695#

10:30

Welcome and Introductions
Public Comment for Items not on the Agenda

10:35

Report of the SWRCB Site Visit, May 11-13
Reports on Project Status from Proponents

11:10

Update on Prop 50 – Anticipated Project Change Schedule and Procedure and
request to extend the State Contract for 1 Year Developments in various projects' scopes, timelines,
budgets

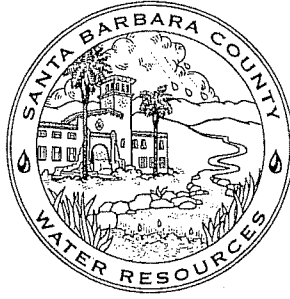
11:30


Status of the DOF Audit
Review of the Corrective Actions Required from Proponents

11:55

Next Steps
Schedule Next Meeting

Adjourn



Santa Barbara County Public Works Department
Flood Control  Water Agency

Mr. Scott Couch, P.G. and Ms. Kelley List
State Water Board
Division of Financial Assistance
1001 I Street, 16th Floor
Sacramento, CA 95814

May 27, 2010

RE: State Agreement Number 08-613-550, Proposition 50 Integrated Regional Water Management (IRWM) Implementation Grant Agreement – Project Modification Requests

Dear Mr. Couch,

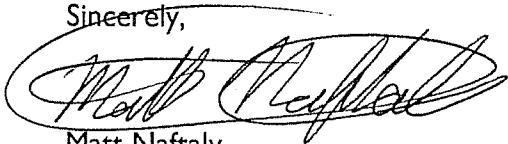
During your most recent visit to the Santa Barbara IRWM region May 11-13, 2010, you and Ms. List had the opportunity to meet with the Proposition 50 Component Representatives who are seeking scope, budget and/or timeline changes. At these meetings and site visits, you and Ms. List were able to discuss the nature and justification for these specific amendment requests. The tables included herein summarizes the anticipated Components' amendment requests and also provide an explanation of the grounds upon which these requests are being made.

In addition to the individual project changes which are being requested, the County of Santa Barbara is requesting an extension of the Agreement (State Agreement Number 08-613-550) of one year in order to accommodate various project changes and delays as noted in the table.

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I hope that this letter provides you with enough information upon which to proceed with our request. Please contact me with additional information regarding process and timing. I can be reached at (805) 568-3542 or via email: Mnaftal@cosbpw.net if you need any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Naftaly", enclosed within a hand-drawn oval.

Matt Naftaly

Santa Barbara County Water Agency
Water Agency Manager

Summary of Proposed Project Changes

Proposition 50 - Agreement no. 08-613-550, Santa Barbara County IRWM Region, May 27, 2010

Component	Agency	Project	Modifications Requested			Note
			Scope	Timeline	Budget	
1	COMB	S. Coast Conduit 2nd Barrel Project	NO	YES	NO	
2	Carpinteria SD	Bluffs Sewer Relocation Project	NO	YES	NO	
3	Carpinteria Valley WD	Central Zone Pipeline Improvements and Demo. ASR	YES	YES	YES	
4	Casmalia CSD	Water System Retrofit	YES	YES	YES	
5	City of Guadalupe	WWTP Improvement	YES	YES	YES	
6	City of SB	Lower Mission Crk. Flood Control and Restoration	YES	YES	NO	Sponsorship Change Project Complete
7	City of Santa Maria	WWTP Expansion Phase 2	NO	NO	NO	
8	County Ag Commiss.	Tamarisk & Arundo Removal	YES	YES	YES	
9	Cuyama CSD	WWTP Effluent Disinfection	NO	NO	NO	No Change
10	Cuyama CSD	Water Supply Improvement	YES	NO	NO	
11	Goleta SD	Fairview Ave./San Pedro Crk Sewer Line Relocation	NO	NO	NO	No Change
12	Goleta WD	San Ricardo Well Rehabilitation	YES	YES	YES	Project Replacement Requested
13	Laguna County SD	Recycled Water System	NO	NO	NO	Project Complete
14	Vandenberg Village CSD	Lompoc Regional Wastewater Reclamation Plant Upgrade	NO	NO	NO	Project Complete

Project Modification Requests

1 – COMB – South Coast Conduit 2nd Barrel Project - To increase the operational flexibility, reliability, & capacity of the SCC between the South Portal of the Tecolote Tunnel (SPTT) & the Corona Del Mar Water Treatment Plant. Because the Upper Reach of the SCC has the largest demand deficit & is located upstream from the sources of demand, the proposed improvements will allow more water flow farther along the pipeline to improve the level of service and reliability.

Timeline change is requested - The project has been delayed due to a lengthy regulatory permit application process. The pending permits are the USACE 404 Permit and USBR MP620 Permit, both of which are anticipated to be issued in August, 2010. In addition, approval of a bond issuance and other financial agreements, needed to provide the required matching funds, have taken a prolonged period of time, making it necessary to rebid the construction contract for the project. It is expected that construction will begin by August 2010. Bids opened for the project on May 18, 2010. There will be a special COMB Directors meeting on June 9, 2010 on the lowest eligible bidders; it is anticipated that the contract will be awarded on July 26, 2010 and construction will commence shortly thereafter with a completion date of February, 2012.

2 - Carpinteria SD - Bluffs Sewer Relocation Project - will replace approximately 6,000 linear feet of existing gravity sewer pipeline from the current location along the edge of Carpinteria Bluffs to within Carpinteria Ave. The sewer pipeline serves existing commercial, industrial and recreational users located west of Via Real.

Timeline change is requested – The District is requesting a change in the timeline as there has been an unexpected difficulty securing private property easements necessary to construct sewer mains to serve the existing commercial buildings on the Bluffs. Delays also occurred with procurement of an easement from the City of Carpinteria, although this process has now been completed. Significant delays are also attributable to Caltrans in their processing of an encroachment permit request. These right of way and permitting issues are critical path items.

Additionally, the District is paying 100 % of the up front soft costs and reserving grant reimbursement to the construction phase. Because of these two facts, during the time that the larger IRWMP grant was in jeopardy due to the actions of Casmalia CSD, the District intentionally delayed progress to avoid spending ratepayer funds on a project that could not ultimately be implemented.

Accordingly, the timeline is to be amended as follows:

<u>Item</u>	<u>Description</u>	<u>Revised Due</u>
1.8	Landowner Agreements	10/2009
2.3.1	100% Plans & Specifications	10/2009
2.3.2	Submit Permits/ROW/Land Acquisition Docs	12/2009
2.3.3	Written Notice of Award of Contract	3/2010
2.3.8	As-Built Drawings	3/2012
6.4	Draft Component Report	4/2012
6.5	Final Component Report	5/2012

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3 – Carpinteria Valley WCD – Central Zone Pipeline Improvements & Demonstration ASR – adds to the conjunctive use capability of the CVWD's surface & groundwater supply since the well can inject (store)

Scope, timeline and budget changes are requested – Caltrans is currently carrying out work in the same area as CVWD, thus is in order to avoid coordination challenges, Carpinteria VWD has slightly amended scope. This

Project Modification Requests

<p>water in the basin & extract water. The project includes the replacement of one of CVWD's four wells with a new production well that is capable of artificial recharge & upgrade & optimize CVWD's main central pressure zone (CPZ) via replacing undersized lines & completion of water main loops & inter-tie of the new well directly to the CZP.</p>	<p>entails crossing underneath the 101 at a new freeway crossing. Additionally, the project will add 3,000 linear feet of pipeline for an inter-tie. The project is scheduled to begin work on the well in June 2010 and work on the pipes in winter of 2010. Finally, a \$141,000 in additional cost will be added to the project for a total of \$3,141,000. The District is increasing their contribution to cover this difference.</p>
<p>4 – Casmalia CSD – Water System Retrofit – performance of water system upgrades to deteriorated facilities including a water tank, associated pipelines & laterals to meet public health standards & provide reliable, affordable & a long-term solution to the community's water needs.</p>	<p>The anticipated scope, timeline and budget for the project are currently under review and a complete project description, accurate timeline and budget will be defined by the end of June. Additional information will be provided to the State as soon as it is available.</p>
<p>5 – City of Guadalupe – WWTP Improvement – upgrades to bring the treatment capability into compliance with the WDRs in the City's current discharge permit. All immediate improvements will consider future improvements for he WWTP for production of unrestricted use Title 22 recycled water & potable capacity expansions. Site improvements will include provisions for accommodating future capacity as appropriate.</p>	<p>Scope, timeline, budget and match changes are requested; the final project description, scope, timeline and budget are anticipated at the end of June 2010. Presently, the project is being re-scoped pursuant to key staffing changes at the City previously responsible for the scoping and oversight of the project. A technical memo has been prepared by the design team and shared with the City. The technical memo outlines the current problem and the various scenarios for design, execution of the project as well as forecasts scenarios for the near and longer term. Once decision is made by the City Council on the preferred project alternative, the final project description/scope, timeline and budget will be presented to the State.</p> <p>To date, some of the main components of the changes include: 1) a deletion of the WWTP upgrades to tertiary treatment level due to reduction in the amount of matching funds by \$3 million; 2) deletion of improvements to the 20-acre wetland and water piping system to the wetland; and 3) the possible installation of DAF (Dissolved Air Thickener) process. The rest of the changes will be defined once the City Council makes its choice between keeping the existing pond process or changing over to a Biolac system.</p>
<p>6 – City of Santa Barbara – Lower Mission Creek Flood Control & Restoration – reconstruction of the portion of lower Mission Creek that runs from State St to Mason St to improve flood conveyance, reduce erosion & improve water quality. The project is part of the overall approximately one & three tenths (1.3) mile lower Mission Creek Flood Control project to enhance & expand the natural streambed features of lower Mission Creek. The improvements generally consist of removing old & various forms of bank revetment & widening the creek channel. Where feasible, natural channel banks will be constructed & stabilized.</p>	<p>Scope, timeline and sponsorship changes are requested; Sponsorship - the Army Corps of Engineers (Corps) is the lead on the project and the City and County of Santa Barbara are co-sponsors. In the original Prop 50 application, the City of Santa Barbara (City) was named as the project sponsor and the City has been handling the project up to the present. At this time, both the City and the County are requesting that sponsorship of the project be transferred to the County to allow for ease in meeting the respective obligations both entities (City and County) have to the Corps. Both entities will remain actively engaged, the main reason for the request is to streamline the administrative process, thus will have no substantive affect on the actual work of the project.</p>

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Timeline - The schedule submitted in the original grant application shows 90% completion of the design phase by August 2009 and 100% completion of the design phase by October and completion of construction in October 2010. However, because of design complexity, the County of Santa Barbara requests the project schedule be shifted exactly one year from the original schedule. As the Corps is the lead agency on the project, they are also responsible for completion of design; there have been design changes and delays and the most recent 90% design was completed and submitted in May, 2010. Further, because of various environmental permit requirements there are limited construction opportunities, therefore no time can be made up in the construction phase.

Scope - It is anticipated that the entire stretch of lower Mission Creek will be constructed in phases. The Prop 50 grant was for the construction of a channel wall along one side of the creek for Reach 1A, State Street to Mason Street. The City, County and the Corps are now proposing to construct channel walls on both sides of the creek for a portion of Reach 1A, from State Street to just upstream of the pedestrian bridge, which would improve slightly more than 200 linear feet of the creek. This change in scope results in approximately no net change to the construction cost estimate and approximately the same amount of channel wall constructed. The change in scope does not affect the intent of the project as described in the Prop 50 application. This scope change only affects construction phasing.

The request is sought in order to allow the remainder of Reach 1A to be more closely coordinated with the City's replacement of the Mason St. bridge, which was recently awarded federal funding. The federal monies will cover a significant portion of the ROW acquisitions necessary for the bridge replacement, most of which will also be necessary for the construction of the remaining portion of Reach 1A, from just upstream of the pedestrian bridge to Mason St. By revising the project scope to construct just the lower portion of Reach 1A, substantial project cost savings can be realized.

Further, the scope change will allow the estuary diversion and the localized dewatering of the creek (necessary for construction) to be implemented in a more efficient manner. The design shows that the estuary will need to be divided in half by a sheet pile wall. One side of the sheet pile wall will be dewatered and the permanent channel wall will be constructed. When walls on both sides of the creek are being constructed at the same time, the sheet pile wall can be left in place to accomplish the watering on the opposite

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<p>8 – County of Santa Barbara, Ag. Commissioner’s Office Tamarisk & Arundo Removal – survey & eradicate the extent of <i>arundo donax</i> & <i>tamarix ramosissima</i> within the riparian system of the Santa Ynez River from Gibraltar Reservoir to Surf Beach.</p>	<p>creek bank. If a wall was to be constructed on only one side of the creek at a time, then the sheet pile wall needed to accomplish the estuary division would need to be removed after construction and then replaced at a later date when construction of the wall on the opposite side begins.</p> <p>Scope, timeline and budget change request; Scope - The project originally intended to eradicate <i>Tamarix ramosissima</i> and <i>Arundo donax</i> along the entire 90 mile length of the Santa Ynez River. The first phase of the project, which was a survey to map the infestation, discovered that there was more <i>Tamarix ramosissima</i> and <i>Arundo donax</i> than could be eradicated with the money budgeted for the project and granted by Prop 50. Therefore, the scope change deletes reference to the eradication of <i>tamarix ramosissima</i> and includes the eradication of only <i>Arundo donax</i> along this stretch of the Santa Ynez River.</p> <p>Timeline – Presently, the County Ag Commissioner’s office is working on landowner permissions, CEQA analysis, and the 1600 permit, which are projected to be completed by October 15, 2010, followed by eradication of <i>Arundo donax</i> in October 2011, thus requiring a grant extension request to 2013.</p> <p>Budget - the project has received \$140,719 in supplemental funding from the California Department of Fish & Game, Coastal Impact Assessment Program, California Department of Food and Agriculture and County of Santa Barbara.</p>
<p>10 – Cuyama CSD – Water Supply Improvement – implementation of pumping improvements by installing a variable speed pumping system to allow operation of the existing water distribution system without the existing elevated storage tank, allowing it to be abandoned. The new system will include replacement of the existing booster pumps with variable speed units. These units will be able to supply a range of flows consistent with the typical speed demands while maintaining a relatively constant pressure without the use of a tank.</p>	<p>Scope change: Cuyama CSD is requesting the ability to add two enhancements to the project. Funding for these enhancements can be accommodated within the grant funds allocated under Prop 50. Because the bids for the pump replacement project came in well under what was anticipated, the District would like to reapply this funding to another aspect of the project. The enhancements include: 1) construction of additional sludge drying beds associated with Cuyama’s arsenic plant; Cuyama CSD has to remove arsenic from its groundwater prior to distribution to its customers. The system is seasonally overloaded and with the use of Prop 50 funds, Cuyama CSD would like to add two more drying beds for filter backwash storage. Detailed plans for the sludge drying beds already exist and a competitive price can be negotiated by change order with the low bidder, after the contract is signed; 2) while the water supply project will eliminate the need for an elevated water tank, the improvements will cause a loss of 50,000 gallons of stored water when the elevated tank is taken out of service. With available funds from the “contingency” budget line item, the</p>

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Project Modification Requests

12 – Goleta WD ASR San Ricardo Well Rehabilitation – restoration & rehabilitation of the San Ricardo Well & groundwater treatment system to restore productivity, upgrade water quality supplies & assist in meeting emergency conditions. The well screen & gravel pack will be unplugged using mechanical & chemical cleaning to restore the capacity of the well. The project includes the replacement of a pump & motor for this well & the Filtronics pressure filtration system & filter media. A larger tank will replace the existing aeration tank due to deterioration & safer electrical equipment will replace the existing equipment which does not meet current code & safety standards.

District would like to install a new, ground level, water storage tank located next to the pump station to maintain and, if possible, to add to their above ground, potable water supply.

Project Change request; GWD is presently experiencing severe budget constraints and as a result has had to reassess all of its priority projects, specifically, the ASR San Ricardo well rehabilitation project and the Cathedral Oaks-Hwy 101 Overcrossing Waterline & Recycled Waterline project. Since the District is not able to currently fund both of these projects, it has been determined that the Cathedral Oaks-Hwy 101 project is of a higher priority given the circumstances associated with the project. Caltrans and the City of Goleta (City) are presently constructing a project to build a new crossing over Hwy 101 and the UPRR tracks by extending Cathedral Oaks Rd from Calle Real (over the freeway & tracks) to Hollister Ave. The project involves extensive grading and realignment of Hollister Ave where an existing District waterline and recycled waterline are located. The changes in grade and realignment of Hollister Ave. require GWD to relocate the existing pipelines in order to ensure that two large customers receive water service. The schedule for the City/Caltrans project is outside of GWD's control, thus GWD was forced to split its Cathedral Oaks-Hwy 101 Overcrossing Waterline & Recycled Waterline project into two phases, proceeding with Phase 1 immediately so that customers would not experience a cut off in water service. Phase 1 of the project entails relocation of the GWD waterline in Hollister Ave and installation of casing pipes in the two Caltrans bridges (over Hwy 101 and the UPRR tracks). The cost of Phase 1 is proposed to be used as match through Prop 50. Phase 2 of the project includes relocation of the waterline in Hollister Ave, extension of the recycled waterline through the casing pipes to the north side of Hwy 101 and continuing up Cathedral Oaks Rd to a future recycled water customer, and extension of the potable waterline through the casing pipes to the north side of Hwy 101 and continuing east to the existing waterline in Calle Real to loop the system. It is phase 2 that is proposed to be built with Prop 50 funding.

The project will allow the District a financially feasible way to provide recycled water to the north side of Highway 101 at Cathedral Oaks Road for existing and future landscape irrigation. This is an area with a relatively high landscape irrigation demand at the freeway interchange and within the Winchester Commons housing subdivision, but no cost effective means of providing recycled water. Further, the project will significantly reduce potable water demand by replacing that demand with recycled water, which

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Project Modification Requests

also allows the district to extend a critical waterline across Highway 101 and loop the potable water system. Looping the water system will improve water quality, greatly enhance system reliability and improve fire protection in the entire surrounding area.

CEQA has been completed for the project and all necessary permits have been acquired. The proposed budget for the project is \$1,098,000.00, \$400,000 would be obtained by Prop 50, which is the amount awarded for the ASR San Ricardo Well Rehabilitation project, and GWD would match with \$698,000. The source of GWD's funds is the GWD General Fund. The District request the ability to use all construction related expenditures for Phase 1 of the project to be counted as match. The estimated cost of Phase 1 is \$230,000.

Replacement Project Description - Cathedral Oaks Rd -Hwy 101 Overcrossing Waterline & Recycled Waterline Project (Phase 2). The project consists of the installation of 1,500 feet of 10" potable waterline and 1,500 feet of 12" recycled waterlines. The waterlines will be routed in Cathedral Oaks Rd from Hollister Ave north to Calle Real. The recycled water line will be routed an additional 600 feet further north in Cathedral Oaks Road. The waterline will be routed through the proposed (newly constructed) casing pipes in the proposed (newly constructed) Cathedral Oaks Road box girder bridge that cross over Highway 101 and the Union Pacific Railroad. The existing 12" recycled waterline in Hollister Ave, will also be related into the paved roadway as a result of the recent realignment of Hollister Ave by the City of Goleta. The 10" potable waterline will be routed 900 feet in Calle Real (road) east from Cathedral Oaks Road to tie into the District's existing 10" waterline in Calle Real.

**PROPOSITION 84
Cooperating Partners Meeting**

**Thursday, June 10, 2010
9:00 a.m. – 10:30 a.m.**

Location: CCWA, 255 Industrial Way, Buellton, CA 93427

Conference Phone Number: 805.681.5400
Passcode: 554695#

AGENDA

9:00

Welcome and Introductions
Comment for Items not on the Agenda

9:05

Update on DWR process
Update on Conference Call with other CC IRWM Regions
Final Project List

9:30

SOW for Implementation Grant
SOW for Planning Grant
Budget Considerations
Applications Oversight Committee
Timeline for Applications - Schedule

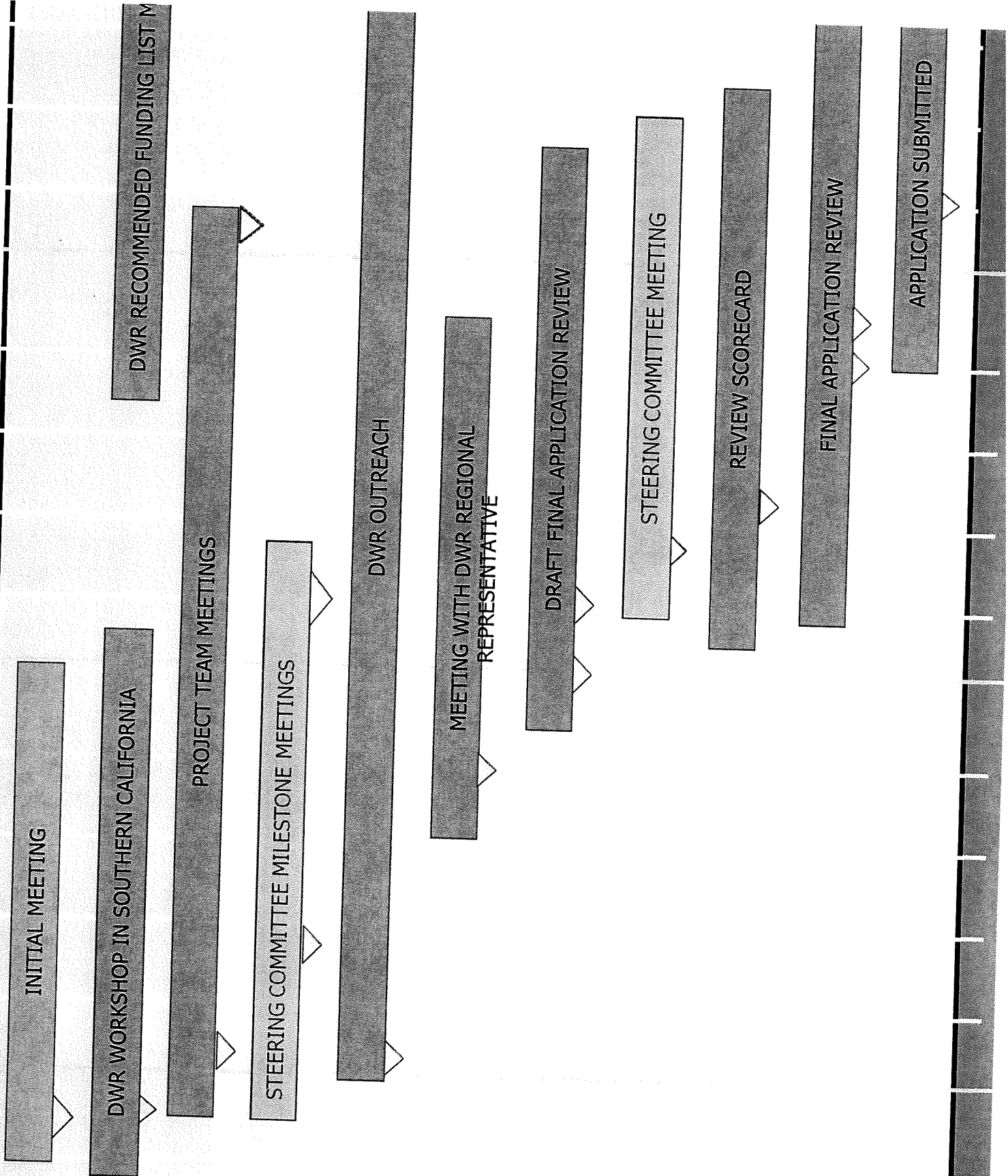
10:25

Next Steps
Next Meeting

Adjourn

2010

PLANNING GRANT APPLICATION



2010

IMPLEMENTATION GRANT APPLICATION

NOTICE TO PROCEED FROM WATER AGENCY and DWR FINAL GUIDELINES/PSP RELEASED

DWR GUIDELINES/PSP WORKSHOP

PROJECT KICK-OFF MEETING

WEEKLY AND BI-MONTHLY CONFERENCE CALLS

PROJECT ASSESSMENT FORMS COMPLETED BY PROPONENTS

REVIEW OF 1ST DRAFT OF APPLICATION

IN-PERSON PROPONENTS MEETING WITH DWR CENTRAL COAST REP

REVIEW "SCORECARD"

REVIEW OF 2ND DRAFT VERSION

FINAL REVIEW BY REGIONAL COORDINATOR

APPLICATION SUBMITTED

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Prop 84: Budget Status as of 06/01/2010

DRAFT

Grant Administration	MOUs Authorized ¹	MOUs Expended	MOU Balance	Estimated Cost for Plan App.	Estimated Cost for Impl. App ³	Notes:
Dudek:		\$90,882	\$39,895			
MOU 1:	\$70,777			\$8,450	\$10,400	Planning Application: 65 hrs @ \$130/hr
MOU 2:	\$60,000					Implementation Application: 80 hrs @ \$130/hr
Sub Total:	\$130,777					
RAP/Project Selection						
CH2MHill:		\$112,624	\$193,711			
MOU 1:	\$151,335			\$89,949	\$239,784	Without 15% Contingency
MOU 2:	\$155,000					
Sub Total:	\$306,335					
Project Management/Administration (County)						
County:		\$7,965	\$27,035			
MOU 1:	NC					
MOU 2:	\$35,000					
Sub Total:	\$35,000			\$8,100	\$8,100	Assumes 100 hrs @ \$81/hr
Project Management:						
MOU 1:	\$60,906	\$38,931	\$151,975			
MOU 2:	\$130,000					
Sub Total:	\$190,906			\$21,970		From Hrs. Estimated on Contract: 130 hrs @ \$169
Total	\$663,018	\$250,402	\$412,616	\$128,469	\$23,660	From Hrs. Estimated on Contract: 140 hrs @ \$169
					\$281,944	

1) Does not include contingency

3) To be paid for only by partners applying for implementation funding

Prop 84 - Financial DRAFT - 6/6/10	% Contribution MOU 2	Planning App. Cost	Implementation Grant Request Amount	% Grant Request	Imp. App Cost	Combined Application Costs	MOU Balance	Entity Balance
City of Santa Maria (2 projects)	8.79	\$11,289	\$670,000	22.33	\$62,967	\$74,256	\$36,257	-\$37,999
Goleta Sanitary District	2.05	\$2,633	\$500,000	16.67	\$46,991	\$49,623	\$8,456	-\$41,168
City of Goleta	2.05	\$2,633	\$1,181,000	39.37	\$110,992	\$113,625	\$8,456	-\$105,169
City of Lompoc	3.77	\$4,839	\$149,000	4.97	\$14,003	\$18,842	\$15,540	-\$3,301
CCWA	2.50	\$3,212	\$300,000	10.00	\$28,194	\$31,406	\$10,315	-\$21,091
City of Carpinteria	0.60	\$772	\$150,000	5.00	\$14,097	\$14,869	-\$2,478	\$12,391
City of Guadalupe	0.64	\$819	\$50,000	1.67	\$4,699	\$5,518	\$2,632	-\$2,887
Montecito	1.28	\$1,642			\$0	\$1,642	\$5,273	\$3,631
Carp. Valley WD	0.60	\$772			\$0	\$772	\$2,478	\$1,707
Carp. SD	0.60	\$772			\$0	\$772	\$2,478	\$1,707
City of SB	9.07	\$11,658			\$0	\$11,658	\$37,442	\$25,784
Goleta WD	2.05	\$2,633			\$0	\$2,633	\$8,456	\$5,823
Goleta West SD	2.05	\$2,633			\$0	\$2,633	\$8,456	\$5,823
Vandenber	0.56	\$719			\$0	\$719	\$2,309	\$1,590
Buellton	0.39	\$496			\$0	\$496	\$1,592	\$1,097
Solvang	0.52	\$673			\$0	\$673	\$2,162	\$1,489
Santa Ynez WCD ID#1	0.64	\$822			\$0	\$822	\$2,641	\$1,819
SYRWCD	0.16	\$206			\$0	\$206	\$661	\$455
SMVWCD	0.00	\$0			\$0	\$0	\$0	\$0
Casmalia CSD	0.00	\$0			\$0	\$0	\$0	\$0
Cuyama CSD	0.00	\$0			\$0	\$0	\$0	\$0
Laguna SD	1.69	\$2,168			\$0	\$2,168	\$6,964	\$4,796
COMB	2.50	\$3,212			\$0	\$3,212	\$10,315	\$7,104
CCRB	2.50	\$3,212			\$0	\$3,212	\$10,315	\$7,104
SBFCD	5.00	\$6,423			\$0	\$6,423	\$20,631	\$14,207
Water Agency	50.00	\$64,234			\$0	\$64,234	\$206,307	\$142,073
Heal the Ocean	NA							
Total:	100	\$128,469	\$3,000,000	100	\$281,944	\$410,413	\$412,616	\$2,203

Notes:
 Planning Grant Application costs based on % contribution in MOU 2
 Implementation Grant Application Costs based on portion of Funding Request

CH2m Hill

Proposition 84 Planning Grant Application

Task	Labor Hours	Fee
Project Coordination	159	\$27,849
Application	333	\$62,100
Totals	492	\$89,949

CH2m Hill

Proposition 84 Implementation Grant Application

Task	Labor Hours	Fee
Project Setup	207	\$33,687
Project Coordination	259	\$44,924
Preparation of Application	879	\$161,173
Totals	1345	\$239,784

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

Report: 6/22/10

Project	Engineering Design	CEQA/NEPA Environmental Compliance	Land Access/Easement Acquisition	Revegetation/Weed Abatement	Mitigation Plans	Bid Process	Construction Management Services	Award Contract for Construction
South Coast Conduit/Upper Reach Reliability Project (2nd Barrel)	Technical Specifications and Design completed 7/30/09.	Final Environmental Impact Statement/Environmental Impact Report completed February 2009.	1. Permit to Enter, Right of Way Agreement and Easement Deed completed for all impacted private landowners. 2. Permit easement acquisition of USBR and Goleta Water District property within the 2nd Barrel alignment currently in process to be completed 6/2010.	1. Revegetation plan in progress by SAIC. 2. Weed abatement of 2nd barrel alignment completed 7/30/09 for 2009 growing season. 3. Weed Abatement for 2010 growing season began January 2010.	Weed Identification and Removal Manual completed March 2009. Draft Special Status Species Protection Plan complete April 2009.	1. COMB Bond funding approved at March 22nd board meeting- bid documents to be re-issued on 4/20/2010.	Construction Management Services awarded to AECOM/Boyle and approved by board 6/22/09.	1. Contractor bid scheduled to take place on 5/18/2010 pending COMB Bond funding approval. 2. Bids received 5/18/2010. 3. The lowest qualified bidder has been notified. The contract has not yet been awarded due to delays in receiving the Section 106 permit. Please see Section 106 notes under the permit status sheet.

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RECEIVED

June 1, 2010

JUN 02 2010

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

CACHUMA O&M BOARD

Dear Kate:

In reviewing the General Manager's report for the May 24, 2010 Board meeting, I noted that Blois Construction Inc. is the apparent low bidder for the 2nd. Barrel Project. Under the Rules of Professional Conduct, Rule 3-310 (B) it is necessary that I inform COMB that Nordman Cormany Hair & Compton LLP is the General Counsel to Blois Construction, Inc. as well as being General Counsel to COMB. Although I have never personally represented Blois, because the firm of which I am a member does, this disclosure must be made. By separate letter, a similar disclosure is being made to the management of Blois Construction Inc.

Should any kind of controversy arise concerning the Blois bid then, before I could advise COMB it would be necessary to obtain the informed written consent of both COMB and Blois for my continued representation.

Very truly yours,

NORDMAN CORMANY HAIR & COMPTON LLP


William H. Hair

WHH

cc: Randall H. George, Esq.

ITEM # 5a1
PAGE 2

*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 June 2010.	1. USACE has requested responses to NMFS questions on 20 July; responses sent July 30th. Part of 404 - no separate application. 2. Revegetation Plan is accepted. 3. Clarification for maintenance, revegetation and construction easement width at main stem of Glen Anne creek crossing sent by COMB to Darren Brumback at NOAA on 10/8/09 and 10/19/09. 4. Steelhead Survey completed on 3/29/10 resulting in no sign of steelhead- report sent to USACE on 3/31/10. USACE will submit survey to NMFS to issue a letter of no-effect with informal consultation. 5. NMFS letter of concurrence will be final by July 2010 and sent out to the ACOE, per NMFS staff. Section 7 Consultation for steelhead will be complete.
U.S. Army Corps of Engineers (USACE) Section 404 Permit	Section 404 of the Clean Water Act (CWA) permit	Pending	1. Pending 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, approval for land use	Pending	USBR reviewing MP620 application.
State Historic Preservation Office	Section 106 of the National Historic Preservation Act review	Pending	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. 4. Conference Call on 1-14-2010 resulted in USBR giving urgency to finish processing CA-SBA-1755 report. 5. Site visit scheduled 4-6-10 by local Chumash Tribal members- Testing Report CA-SBA-1775 can then be finalized and sent to SHPO after comments are received and evaluated. Section 106 permit can then be issued. 6. Site visit took place, members of tribe in process of submitting comments to USBR for evaluation. 7. Comments received May 2010 from The Santa Ynez and Barbareno Chumash Tribes requested additional analysis of potential archeological resources in the construction area. After receiving COMB Board approval for funding, COMB has hired consultant Applied Earthworks to provide further analysis and field surveying to address concerns brought up in the Chumash comment letters. COMB has also contracted Applied Earthworks to document the historic significance of the existing South Portal structure, and provide mitigation for the removal of the structure when the 2nd Barrel is constructed. An MOA with SHPO will be needed to address the adverse impacts of destroying the South Portal structure and construction of the new pipeline within the archeological spoil area.

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**CACHUMA OPERATION & MAINTENANCE BOARD
JESUSITA FIRE LOSS/DAMAGE ACCOUNTING**

Information as of 6/28/2010

CLAIM NUMBER: 040509075478B
INSURED: ACWA JOINT POWERS INS. AUTHORITY
DATE OF LOSS: 5/7/2009
LOSS LOCATION: 3301 LAUREL CANYON ROAD
 SANTA BARBARA, CA 93105
FILE NUMBER: CB-12900-180L Koning & Associates

STATEMENT OF LOSS					
Real and Personal Property	Estimates	Actuals / Estimated	Insurance \$ Received	Description	Status
Diani Building Corp	6,048.00	6,048.00	6,048.00	Core Shed building repair	Ck #113107 10/15/2009
BEC/C. Philip Brittain	4,900.31 10,560.00	924.75 11,280.00	4,900.31 10,560.00	Electrical repair, temporary Electrical repair, permanent	Ck #113107 10/15/2009 Ck #114650 12/2/2009
Mark Crane (outside of PO) Trench Shoring OSH		6,576.00 1,798.50 114.02		Tree removal/debris disposal Rental trench plates Asphalt-road repair	
Totals-Real & Personal Prop.	21,508.31	26,741.27	21,508.31		
Fencing					
Fence Factory Fence Factory	126,950.00 144,950.00	- 150,000.00		Original fence replacement estimate Revised fence replacement estimate	Ck #113107 10/15/2009
Totals-Fencing	144,950.00	150,000.00	126,950.00		
Tree Removal					
Mark Crane Mark Crane Mark Crane	15,200.00 36,800.00 -	15,200.00 36,800.00 2,460.00		Phase I Tree Removal Phase II Tree Removal Additional trees removed	Ck #114650 12/2/2009 Ck #114650 12/2/2009
Totals-Tree Removal	52,000.00	54,460.00	52,000.00		

Restoration, Erosion Control

Melinda Fournier
 Melinda Fournier
 Aqua-Flo
 Acacia Erosion Control
 CDF
 Growing Solutions
 Road restoration
 Penfield Smith
 MarBorg

56,017.00
 26,746.00
 4,526.86
 122,015.00

56,017.00
 26,746.00
 82,137.31
 50,305.31
 2,684.64
 28.28
 20,000.00
 6,000.00
 4,161.33

Totals-Restoration, Erosion Control

209,304.86

108,800.00

Period of Performance thru 12/31/10
 Period of Performance 1/1-6/30/11
 Supplies for erosion Control
 Hydroseeding 23 acres
 Erosion Control
 Restoration
 Road restoration - Miller Property
 Property Boundary Survey

STATEMENT OF LOSS

Damaged Tools & Equipment	Original Estimates	Actuals/ Estimated	Insurance \$ Received	Description	Status
See spreadsheet attached	3,776.54	4,000.00	3,776.54		
Totals	431,539.71	483,281.14	313,034.85		

Summary	
Unexpended Funds Authorization	375,000.00
Insurance received to-date	313,034.85
Total Funds	688,034.85
Pending/Expended to-date	(483,281.14)
Insurance deductible	(1,000.00)
Estimated balance for MU refund	203,753.71

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: June 28, 2010
TO: BOARD OF DIRECTORS
FROM: Kate Rees, General Manager
RE: **Proposed COMB Final Budget for Fiscal Year 2010-2011**

RECOMMENDATION:

Approve the proposed COMB Final Budget for Fiscal Year 2010-2011 in the amount of \$2,618,614.

DISCUSSION:

The proposed COMB FY 2010-2011 Final Budget in the amount of \$2,801,114 was reviewed by the Operating Committee and the Board Finance Committee (Directors Hanson and Lieberknecht), and was presented in draft form to the Board for preliminary review on May 24, 2010. The proposed final FY 2010-11 Budget reflects all recommended changes, as well as additional reductions suggested by staff.

Since the Preliminary Budget review, the following additional changes are proposed:

Operation and Maintenance:

3401 Conduit Meter, Valve & Misc - Increase from \$10,000 - \$25,000 for purchase of 3 new meters for replacement in the Montecito reach of the SCC

General and Administrative:

No change. Budgeting for salary and benefits for the General Manager and Administrative Secretary positions was unresolved during the preliminary budget review discussion. Proposed Final Budget includes 75% of the General Manager's salary and benefits, and 50% of the Administrative Secretary's salary and benefits.

Special Projects:

6102 Lauro Debris Basis Revegetation Mitigation Decrease from \$35,000 to \$0
These costs will be paid from insurance reimbursements received from Jesusita Fire claims.

Debt Service – GWD/City of Santa Barbara only

Decrease from \$650,000 to \$487,500

Due to delay in the 2nd Pipeline Project, repayment on the bond for the projects will also be delayed. Reduction reflects assessments for 3 quarters rather than 4 quarters for FY 2010 -2011. Assessments will not begin until after the bond is issued and the construction contract awarded.

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PAGE 1

Proposed Budget Total:

Decreased by \$182,500 from \$2,801,114 to \$2,618,614

Attached for your consideration are a number of spreadsheets and back-up budget information. The attachments include:

- Proposed COMB FY 2010-2011 Final Budget
- Consultants' Scopes of Work and other back-up information
- COMB Actual Expenditures Comparisons (FY 2005-06 to FY 2010-11)
- Member Unit Allocations

The Member Unit allocations spreadsheet shows the cost allocation of the proposed FY 2010-2011 Final Budget among the Member Units. There is a split between costs paid by all five Member Units and costs paid only by the South Coast Member Units for certain categories, as approved by the COMB Board in June 2008.

Respectfully submitted,



Kate Rees
General Manager

Cachuma Operation & Maintenance Board

Proposed Final Budget

Fiscal Year 2010 - 2011

06/28/10

Account Number	Account Name	FY 2009 / 10 Approved Budget	Estimated Actuals Thru 6/30/10	FY 2010 / 11 Proposed Budget	Change	Percentage Change
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OPERATION & MAINTENANCE EXPENSES

LABOR						
3100	LABOR OPS	886,401	720,000	821,762	(64,639)	-7.29%
	TOTAL	886,401	720,000	821,762	(64,639)	-7.29%
VEHICLES & EQUIPMENT						
3201	VEHICLE/EQUIP MTCE	40,000	25,000	25,000	(15,000)	-37.50%
3202	FIXED CAPITAL	40,000	10,000	10,000	(30,000)	-75.00%
3203	EQUIPMENT RENTAL	5,000	5,000	5,000	0	0.00%
3204	MISC	15,000	5,000	5,000	(10,000)	-66.67%
	TOTAL	100,000	45,000	45,000	(55,000)	-55.00%
CONTRACT LABOR						
3301	CONDUIT, METER, VALVE	12,000	12,000	12,000	0	0.00%
3302	BUILDINGS & ROADS	16,000	10,000	10,000	(6,000)	-37.50%
3303	RESERVOIRS	52,000	10,000	25,000	(27,000)	-51.92%
3304	ENGINEERING, MISC SERVICES	20,000	20,000	30,000	10,000	50.00%
	TOTAL	100,000	52,000	77,000	(23,000)	-23.00%
MATERIALS & SUPPLIES						
3401	CONDUIT, METER, VALVE & MISC	25,000	10,000	25,000	0	0.00%
3402	BUILDINGS & ROADS	25,000	12,000	12,000	(13,000)	-52.00%
3403	RESERVOIRS	10,000	10,000	10,000	0	0.00%
	TOTAL	60,000	32,000	47,000	(13,000)	-21.67%
OTHER EXPENSES						
3501	UTILITIES	6,500	6,500	6,500	0	0.00%
3502	UNIFORMS	6,500	2,500	2,500	(4,000)	-61.54%
3503	COMMUNICATIONS	20,000	20,000	20,000	0	0.00%
3504	USA & OTHER SERVICES	4,000	3,500	4,000	0	0.00%
3505	MISC	8,000	9,000	8,000	0	0.00%
3506	TRAINING	8,000	4,000	4,000	(4,000)	-50.00%
	TOTAL	53,000	45,500	45,000	(8,000)	-15.09%
	TOTAL O & M EXPENSE	1,199,401	894,500	1,035,762	(163,639)	-13.64%

Cachuma Operation & Maintenance Board

Proposed Final Budget

Fiscal Year 2010 - 2011

06/28/10

Account Number	Account Name	FY 2009 / 10 Approved Budget	Estimated Actuals Thru 6/30/10	FY 2010 / 11 Proposed Budget	Change	Percentage Change
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GENERAL AND ADMINSTRATIVE EXPENSES

5000	DIRECTORS FEES	12,000	12,000	12,000	0	0.00%
5100	LEGAL & AUDIT	75,000	87,000	75,000	0	0.00%
5150	UNEMP TAX **	7,567	2,000	0	(7,567)	-100.00%
5200	LIABILITY & PROPERTY INSURANCE	40,000	37,000	38,000	(2,000)	-5.00%
5201	HEALTH & WORKERS COMP.	72,310	72,000	88,024	15,714	21.73%
5250	PERS	39,760	39,000	53,171	13,411	33.73%
5339	FICA/MEDICARE	19,320	19,000	25,899	6,579	34.05%
5300,1,6	ADMIN. SALARIES	228,619	228,000	294,248	65,629	28.71%
5310	POSTAGE / OFFICE SUPPLIES	9,000	7,000	7,000	(2,000)	-22.22%
5311	OFFICE EQUIPMENT / LEASES	6,200	6,200	6,200	0	0.00%
5312	MISC. ADMIN. EXP.	12,000	10,000	10,000	(2,000)	-16.67%
5313	COMMUNICATIONS	6,000	6,000	6,000	0	0.00%
5314	UTILITIES	6,000	6,800	7,000	1,000	16.67%
5315	MEMBERSHIP DUES	6,050	6,000	6,050	0	0.00%
5316	ADMIN. FIXED ASSETS	5,000	5,000	5,000	0	0.00%
5318	COMPUTER CONSULTANT	10,000	15,000	15,000	5,000	50.00%
5325	EMPLOYEE EDUCATION/SUBSCRIPTION	4,500	3,000	3,000	(1,500)	-33.33%
5330	ADMIN TRAV & CONFERENCES	5,000	3,000	3,000	(2,000)	-40.00%
5331	PUBLIC INFO	6,000	1,000	1,000	(5,000)	-83.33%
5332	TRANSPORTATION	1,000	1,000	1,000	0	0.00%
TOTAL GENERAL & ADMINISTRATIVE		571,326	566,000	656,592	85,266	14.92%
<u>SPECIAL G & A EXPENSES</u>						
5510	Integrated Regional Water Mgmt Plan	70,000	25,000	25,000	(45,000)	-64.29%
TOTAL SPECIAL G & A		70,000	25,000	25,000	(45,000)	-64.29%
TOTAL O & M and G & A		1,840,727	1,485,500	1,717,354	(123,374)	-6.70%

Cachuma Operation & Maintenance Board
Proposed Final Budget
Fiscal Year 2010 - 2011

06/28/10

Account Number	Account Name	FY 2009 / 10 Approved Budget	Estimated Actuals Thru 6/30/10	FY 2010 / 11 Proposed Budget	Change	Percentage Change
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SPECIAL PROJECTS

6062	SCADA	50,000	40,000	46,500	(3,500)	-7.00%
6090-1	COMB Bldg/Grounds Repair	50,000	50,000	50,000	0	0.00%
6092	SCC Improv Plan & Design	360,800	325,000	130,000	(230,800)	-63.97%
6092-1	SCC Improv Plan & Design - UF	(185,800)	(185,800)	0	0	0.00%
6095	SCC Valve & Control Sta. Rehabilitation	0	0	35,000	35,000	0.00%
6096	SCC Structure Rehabilitation	100,000	50,000	60,000	(40,000)	-40.00%
6097	GIS and Mapping	50,000	40,000	41,000	(9,000)	-18.00%
6100	Sanitary Survey	0	0	51,260	51,260	100.00%
<i>O & M SPECIAL PROJECTS</i>		425,000	319,200	413,760	(11,240)	-2.64%
<i>DEBT SERVICE - GWD/SB City only*</i>		1,100,000	0	487,500	(612,500)	-55.68%
<i>TOTAL COMB BUDGET</i>		3,365,727	1,804,700	2,618,614	(747,114)	-22.20%

Notes:

COLA = 0%

Reflects additional salary of 25% for GM

Reflects additional salary of 50% for Admin Sec.

Health / Dental increases = 9% in January 2011

PERS EE expense = 7%

PERS ER expense = 10.671%

* Assessment for bond repayment will not occur until bond is issued

**Unemployment tax will be assessed only if needed

Cachuma Operation & Maintenance Board
Operations & Maintenance Expenses
Proposed Final Budget
Fiscal Year 2010 - 2011

06/28/10

Account Number	Account Name	FY 2009/10 Approved Budget	FY 2010/11 Proposed Budget	Description
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OPERATIONS and MAINTENANCE EXPENSES

LABOR

3100	LABOR OPS	886,401	821,762	Engineer, Ops Supervisor, Operations Field Crew salary/benefits
	TOTAL	886,401	821,762	

VEHICLES & EQUIPMENT

3201	VEHICLE/EQUIP MTCE	40,000	25,000	Ops & mtce costs of vehicles & equip including inspections
3202	FIXED CAPITAL	40,000	10,000	Misc replacement equipment
3203	EQUIPMENT RENTAL	5,000	5,000	Rental equipment
3204	MISC	15,000	5,000	Small tools, supplies for tools & equipment
	TOTAL	100,000	45,000	

CONTRACT LABOR

3301	CONDUIT, METER, VALVE	12,000	12,000	Heavy equip operators, Southwest Services
3302	BUILDINGS & ROADS	16,000	10,000	Republic Elevator; equip relocation; equip repair; heavy equip; lan
3303	RESERVOIRS	52,000	25,000	Reservoir cleaning/silt vacuuming, etc
3304	ENGINEERING, MISC SERVICE	20,000	30,000	CIP consultants, engineering training, design
	TOTAL	100,000	77,000	

MATERIALS & SUPPLIES

3401	CONDUIT, METER, VALVE & MI	25,000	25,000	Meters, air valves, fill materials, charts, locks, signs
3402	BUILDINGS & ROADS	25,000	12,000	Paint, window, lights, gravel, spray, fencing, etc
3403	RESERVOIRS	10,000	10,000	Gravel, spray, fencing, etc.
	TOTAL	60,000	47,000	

OTHER EXPENSES

3501	UTILITIES	6,500	6,500	Electric; gas
3502	UNIFORMS	6,500	2,500	Uniforms; boots; raingear
3503	COMMUNICATIONS	20,000	20,000	Phones at facilities/Cell Phones/Ops & Mtce
3504	USA & OTHER SERVICES	4,000	4,000	Underground Service Alerts
3505	MISC	8,000	8,000	Miscellaneous operational expenses
3506	TRAINING	8,000	4,000	Certs / classes
	TOTAL	53,000	45,000	

TOTAL O & M EXPENSE	1,199,401	1,035,762	
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Cachuma Operation & Maintenance Board
General and Administrative Expenses
Proposed Final Budget
Fiscal Year 2010 - 2011

6/28/10

Account Number	Account Name	FY 2009/10 Approved Budget	FY 2010/11 Proposed Budget	
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GENERAL AND ADMINISTRATIVE EXPENSES

5000	DIRECTORS FEES	12,000	12,000	Directors Fees
5100	LEGAL & AUDIT	75,000	75,000	Audit, Legal, Acctg Consultant
5150	UNEMP TAX	7,567	0	Unemployment Tax
5200	LIAB INSURANCE	40,000	38,000	General liability premiums
5201	HEALTH & WC	72,310	88,024	Assumes increase in health benefits each January
5250	PERS	39,760	53,171	PERS employer portion increased slightly
5339	FICA / MEDICARE	19,320	25,899	Payroll driven
5300	MGR SALARY	73,000	111,000	75% of GM salary
5301	ADMIN MGR	96,198	96,200	neutral
5306	ADMIN ASST	59,421	59,436	neutral
5304	ADMIN SEC	0	27,612	50% of Admin Sec salary
5310	POST/OFFICE	9,000	7,000	Ofc supplies/postage
5311	OFFICE EQUIP/LEASES	6,200	6,200	Copiers lease / maintenance / Pitney Bowes
5312	MISC ADMIN EXP	12,000	10,000	J&C janitorial / Paychex / misc
5313	COMMUNICATIONS	6,000	6,000	COX / Verizon / ATT
5314	UTILITIES	6,000	7,000	SCE / SC Gas
5315	MEMBERSHIP DUES	6,050	6,050	ACWA / AWWA / CVWP
5316	ADMIN FIXED ASSETS	5,000	5,000	Computers/Office Furniture
5318	COMPUTER CONSULTANT	10,000	15,000	Technical Expertise
5325	EMPLOYEE EDUCATION/SUB	4,500	3,000	Admin Expense
5330	TRAVEL & CONF.	5,000	3,000	COMB travel
5331	PUBLIC INFO	6,000	1,000	Website maintenance / updates
5332	TRANSPORTATION	1,000	1,000	Staff car
TOTAL		571,326	656,592	

Cachuma Operation & Maintenance Board
SPECIAL PROJECTS
Proposed Final Budget
Fiscal Year 2010 - 2011

<i>Account Number</i>	<i>Account Name</i>	<i>FY 2010/11 Proposed Budget</i>	
6062	SCADA	46,500	
	Tesco		10,000 Annual mtce contract; support
	Vendor		36,500 Radio Feasibility Study
6090-1	COMB Building/Grounds Repair	50,000	
			50,000 Repair and mtce of facilities/grounds
6092	SCC Improvement Plan & Design	130,000	
	AECOM		50,000 Reliability Study - Reach #3
	AECOM		35,000 Ortega Resv to Carp Resv
	AECOM		45,000 Emergency Response Plan
			45,000 Vent rehab design to 100%
6095	SCC Valve & Control Station Rehabilitat	35,000	
	AECOM		35,000 Final Design Svcs. Sheffield Flow Control Stai
6096	SCC Structure Rehabilitation	60,000	
	Flowers		10,000 Lateral Rehabilitation Engineering Support
			50,000 Pipeline Inspections
6097	GIS and Mapping	41,000	
	Outside Consultant		41,000 Spatial wave and mapplet
6100	Sanitary Survey*	51,260	
	Summers Engineering		51,260 Sanitary Survey
			Total Cost = \$55,000
TOTAL Special Projects		<u>413,760</u>	

* Non COMB activiity agreed to by Member Units
City of Lompoc participation of 6.8% = \$3,740

CACHUMA OPERATION & MAINTENANCE BOARD

Proposed Allocation for FY 2010 - 2011 Budget

(Admin costs) \$656,592 / (Total Budget less bond repayment) \$2,131,114 = 30%

G&A Salaries = \$ 461,342 (Salaries, W/C, Pers, Fica, Health)

COMB (All 5 Member Units) Directors Fees at 20%		
MEMBER UNIT	PERCENT %	DOLLARS \$
Goleta Water District	0.2000	2,400.00
City of Santa Barbara	0.2000	2,400.00
Carpinteria Valley Water District	0.2000	2,400.00
Montecito Water District	0.2000	2,400.00
Santa Ynez River Wtr Consv Dist, ID#1	0.2000	2,400.00
	1.0000	\$12,000.00

COMB (All 5 Member Units) G & A Salaries and Benefits at 40%			
MEMBER UNIT	Cachuma Entitlement %	PERCENT %	DOLLARS \$
Goleta Water District	36.25%	0.3625	\$66,894.59
City of Santa Barbara	32.19%	0.3219	59,402.40
Carpinteria Valley Water District	10.94%	0.1094	20,188.33
Montecito Water District	10.31%	0.1031	19,025.74
Santa Ynez River Wtr Consv Dist, ID#1	10.31%	0.1031	19,025.74
	100%	1.0000	\$184,536.80

G & A Salaries + Benefits = \$461,342 x 40% = \$184,536.80

COMB (All 5 Member Units) Remaining G & A \$276,805			
MEMBER UNIT	Cachuma Entitlement %	PERCENT %	DOLLARS \$
Goleta Water District	36.25%	0.3625	\$30,102.54
City of Santa Barbara	32.19%	0.3219	\$26,731.06
Carpinteria Valley Water District	10.94%	0.1094	\$9,084.74
Montecito Water District	10.31%	0.1031	\$8,561.58
Santa Ynez River Wtr Consv Dist, ID#1	10.31%	0.1031	\$8,561.58
	100%	1.0000	\$83,041.50

30% of \$276,805 = \$83,041.50

South Coast Member Units Only G & A			
MEMBER UNIT	Cachuma Entitlement %	So Co Percent %	DOLLARS \$
Goleta Water District	36.25%	0.4042	\$152,388.94
City of Santa Barbara	32.19%	0.3588	\$135,272.52
Carpinteria Valley Water District	10.94%	0.1220	\$45,995.67
Montecito Water District	10.31%	0.1150	\$43,356.58
Santa Ynez River Wtr Consv Dist, ID#1	10.31%	0.0000	\$0.00
	100%	1.0000	\$377,013.70

SCMU only G&A = \$656,592 - 12,000 - 184,536.80 - 83,041.50 = \$377,013.70

Total G & A		DOLLARS \$
Goleta Water District		\$251,786.07
City of Santa Barbara		\$223,805.97
Carpinteria Valley Water District		\$77,668.74
Montecito Water District		\$73,343.90
Santa Ynez River Wtr Consv Dist, ID#1		\$29,987.32
		\$656,592.00

TOTAL O & M, SPECIAL G & A and SPECIAL PROJECTS ASSESSMENT		
MEMBER UNIT	So Co Percent %	DOLLARS \$
Goleta Water District	40.42	\$555,031.19
City of Santa Barbara	35.89	492,867.70
Carpinteria Valley Water District	12.20	167,504.59
Montecito Water District	11.50	157,858.53
	100.00	\$1,373,262.00

O&M 1,035,762 + Special G & A \$25,000 + Special projects \$448,760-50,000-51,260 = 1,358,262.

COMB Building & Grounds Repair / Sanitary Survey		
MEMBER UNIT	PERCENT %	DOLLARS \$
Goleta Water District	0.3625	\$36,706.75
City of Santa Barbara	0.3219	32,595.59
Carpinteria Valley Water District	0.1094	11,077.84
Montecito Water District	0.1031	10,439.91
Santa Ynez River Wtr ConservDist,ID#1	0.1031	10,439.91
	1.0000	\$101,260.00

Bond Repayment (3 Qtrs only)		
MEMBER UNIT	PERCENT %	DOLLARS \$
Goleta Water District	0.5297	\$258,209.75
City of Santa Barbara	0.4703	229,290.25
Carpinteria Valley Water District	0.0000	0.00
Montecito Water District	0.0000	0.00
Santa Ynez River Wtr ConservDist,ID#1	0.0000	0.00
	1.0000	\$487,500.00

Bond Assessment (GWD and City of Santa Barbara Only)

MEMBER UNIT TOTALS (Fiscal Year 2010-11)	Actual % Budget	DOLLARS \$
Goleta Water District	42.07%	\$1,101,733.76
City of Santa Barbara	37.37%	\$978,559.52
Carpinteria Valley Water District	9.79%	\$256,251.17
Montecito Water District	9.23%	\$241,642.33
Santa Ynez River Wtr Conserv Dist, ID#1	1.54%	\$40,427.23
TOTAL	100.00%	\$2,618,614.00

QUARTERLY PAYMENT

MEMBER UNIT TOTALS	DOLLARS \$	Quarterly
Goleta Water District	\$1,101,733.76	\$275,433.44
City of Santa Barbara	978,559.52	244,639.88
Carpinteria Valley Water District	256,251.17	64,062.79
Montecito Water District	241,642.33	60,410.58
Santa Ynez River Wtr Conserv Dist, ID#1	40,427.23	10,106.81
TOTAL	\$2,618,614.00	\$654,653.50

Formula for allocating costs:

- 1) Directors fees subtracted from admin costs and are allocated equally among all member units using .20 as multiplier
- 2) Admin Costs are divided by total budget to reach percentage
- 3) G & A Salaries are subtracted from admin costs - 40% of that number is used to allocate for all 5 MU's
- 4) Remaining G & A is multiplied by percentage derived above for normal allocation among all member units
- 5) The remaining G & A is allocated at SCMU % only
- 6) O & M is SCMU only
- 7) Bldg/grounds repair/Sanitary Survey - all 5 member units normal allocation
- 8) Bond Repayment - GWD and City of Santa Barbara Only (3 qtrs)

CACHUMA OPERATION & MAINTENANCE BOARD BUDGET COMPARISON - 2006 TO 2011

5/24/10

	05-06 Adopted	05-06 Actual	06-07 Adopted	06-07 Actual	07-08 Adopted	07-08 Actual	08-09 Adopted	08-09 Actuals	09-10 Adopted	10-11 Proposed
LABOR										
	677,921	663,241	705,332	705,000	826,565	685,821	854,201	842,633	886,401	821,762
OPS & MAINTENANCE										
	265,801	171,589	310,990	294,300	332,000	238,637	333,000	292,309	313,000	214,000
TOTAL O&M EXPENSE	943,722	834,829	1,016,322	999,300	1,158,565	924,458	1,187,201	1,134,991	1,199,401	1,035,762
GENERAL & ADMINISTRATIVE										
	539,581	475,389	509,030	422,607	546,486	440,510	626,213	524,759	641,326	681,592
TOTAL OPS/MTCE & G & A	1,483,303	1,310,218	1,525,352	1,421,907	1,705,051	1,364,968	1,813,414	1,659,751	1,840,727	1,717,354
PERCENT OF CHANGE BY YEAR O&M-G&A	7%	2%	3%	9%	12%	-20%	33%	22%	11%	-7%
COMB SPECIAL PROJECTS										
Seismic Consultant	-	1,200	-	-	-	-	-	-	-	-
COMB Ofc. Bldg.	-	-	-	-	-	-	-	-	-	-
COMB Bldg/Grounds Repair	50,000	62,523	50,000	45,000	50,000	42,455	75,000	33,192	50,000	50,000
SCC Hydrologic Capacity Sty	-	-	-	-	-	-	-	-	-	-
Flow Meter Upgrades & SCADA	60,000	44,339	60,000	30,000	30,000	18,773	50,000	31,192	50,000	46,500
Bradbury Dam Radial Gates	-	2,966	-	-	-	-	-	-	-	-
Bradbury Dam Surchage	-	-	-	-	-	-	-	-	-	-
Hilton Creek Watering System	-	-	-	-	-	-	-	-	-	-
SCC Improv Plan & Design	95,000	66,471	300,000	200,000	250,000	482,116	800,000	1,058,801	175,000	130,000
SCC Life Expectancy Study	95,000	75,401	-	-	-	-	-	-	-	-
North Portal Rehabilitation	-	-	-	-	-	-	-	-	-	-
SCC Valve & Control Sta. Rehab	600,000	469,553	600,000	585,000	450,000	718,200	450,000	152,607	-	35,000
Lauro Debris Basin Rehabilitation	50,000	14,068	-	15,000	600,000	120,556	-	1,144,345	-	-
SCC Structure Rehabilitation	305,000	275,446	400,000	416,000	450,000	430,821	250,000	92,969	100,000	60,000
GIS and Mapping	75,000	14,275	100,000	100,000	40,000	11,187	50,000	9,148	50,000	41,000
2005 Storm Damage	200,000	109,749	100,000	7,000	100,000	132,750	-	17,474	-	-
Zaca Fire Damage	-	-	-	-	-	59,135	-	12,203	-	-
IRWMP	-	-	-	-	-	-	20,000	60,000	-	-
Sanitary Survey	-	-	-	-	-	-	-	-	-	51,260
Quagga Mussel	-	-	-	-	-	-	-	-	-	-
Hydrology Work	-	-	-	-	-	-	-	-	-	-
COMB SPECIAL PROJECTS	1,530,000	1,135,992	1,610,000	1,398,000	1,970,000	2,015,992	1,695,000	2,670,744	425,000	413,760
Legal/Litigation										
Spec Counsel Costs /FMP-BO EIS/R	100,000	58,748	100,000	95,000	100,000	89,801	-	-	-	-
TOTAL LEGAL/LITIGATION	100,000	58,748	100,000	95,000	100,000	89,801	-	-	-	-
COMB Bond Debt repayment										
	3,113,303	2,504,958	3,235,352	2,914,907	3,775,051	3,470,761	3,508,414	4,330,494	3,365,727	2,618,614
TOTAL COMB BUDGET	3,113,303	2,504,958	3,235,352	2,914,907	3,775,051	3,470,761	3,508,414	4,330,494	3,365,727	2,618,614
PERCENT OF CHANGE BY YEAR	0.49%	-11%	4%	16%	17%	19%	-7%	25%	-4%	-22%

CACHUMA OPERATION AND MAINTENANCE BOARD

FISCAL YEAR 2010-2011

BUDGET SUMMARY

The Cachuma Operation and Maintenance Board was formed as a joint powers agency organized by the Cachuma Member Units pursuant to the provisions of Articles 1,2, and 4 of Chapter 5, Division 7, Title 1 of the California Government Code (section 6500 et seq.) And 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." The 1996 Amended and Restated Agreement, Contract No. 14-06-200-5222R "Contract for the Transfer of Operation and Maintenance of the Cachuma Transferred Project Works" by and between the United States and COMB, Contract No. 175r-1802R "Contract Between the United States and Santa Barbara County Water Agency Providing for Water Service from the Project," and the "Cachuma Project Member Units Contracts" between the County Water Agency and each of COMB's five Member Units, provide for the rights to, the facilities of, and the operation, maintenance and use of the United States, Department of the Interior, Bureau of Reclamation project known as the Cachuma Project, including storage, treatment, transport and appurtenant facilities, and all necessary tangible and intangible property and rights. COMB is also provided the authority for the financing of "costs" for the capture, development, treatment, storage, transport and delivery of water.

OPERATIONS AND MAINTENANCE:

Program Description

To maintain and support all associated costs of operating and maintaining the Tecolote Tunnel, South Coast Conduit and all appurtenant facilities and four reservoirs; Glen Anne, Lauro, Carpinteria and Ortega reservoirs.

LABOR - 3100

Operation and Maintenance Labor is actual labor costs of the total salaries and benefits for a three member field crew, a SCADA Technician, an Engineering Technician, the Operations Supervisor, and a Professional Engineer position. The benefits include medical, dental and vision insurance coverage, a \$20,000 life insurance policy per employee, social security contributions, mandatory workers' compensation coverage, an employee assistance program (EAP), FICA/Medicare and a CalPERS retirement contribution (2% @ 55 formula). All position salaries are recorded individually with any appropriate increases considered on a semi-annual basis. For FY 2010-11, a WSW I position will be left vacant due to budget constraints. There is a 0% cola factored in for this proposed fiscal year budget.

Total of this account: \$ 821,762

VEHICLES & EQUIPMENT

Acct 3201 - 3204

The Vehicles and Equipment account is made up of four subaccounts which include funds for the purchase of vehicles, fuel, parts, inspections and maintenance of vehicles, equipment, and rental of equipment for both replacement and upgrading of the system. Account 3201 includes supplies necessary to operate vehicles and equipment such as fuel, oil, tires, parts, inspections and labor, etc. This account reflects amounts determined by historical expense data and projected operational needs. Account 3202 contains funds for the purchase of replacement equipment or large tools as may be necessary in the fiscal year. Account 3203 includes all rental equipment. Account 3204 is utilized for the purchase of small tools, equipment and supplies. These accounts are increased or decreased annually to reflect changes in the price and number of items appropriately designated to be purchased from these accounts.

Totals by Account:	3201 Vehicles	\$ 25,000
	3202 Fixed Capital	10,000
	3203 Equip Rental	5,000
	3204 Misc.	<u>5,000</u>
		\$45,000

CONTRACT LABOR

Accts. 3301 - 3304

The Contract Labor account contains funds for outside services/labor that cannot be supported by COMB staff including elevator repair, tree trimming and removal services, heavy equipment and operators' labor costs for debris basin cleaning, meter calibration and some meter repair, etc. The amounts have been distributed through 3301, 3302 & 3303 to reflect the costs accurately. Account 3304 is used to hire consultants as necessary for non-Special Projects engineering, design or study.

Totals by Account:	3301 Conduit, etc.	\$ 12,000
	3302 Buildings/Roads	10,000
	3303 Reservoirs	25,000
	3304 Engineering, Misc	<u>30,000</u>
		\$ 77,000

MATERIALS / SUPPLIES

Accts. 3401 - 3403

The Materials and Supplies account covers costs related to operation and maintenance of the conduit, reservoirs, the shop and yard, buildings and roads. This account includes funding for gravel, fencing, charts, locks, paint, fire extinguishers, etc.

Totals by Account:	3401 Conduit, etc.	\$ 25,000
	3402 Bldgs, Rds, Yard	12,000
	3403 Reservoirs, Misc	<u>10,000</u>
		\$ 47,000

OTHER EXPENSES
Accts. 3501 - 3506

The Other Operating Expenses account includes utilities, uniforms, hazardous waste disposal, communications (phones at facilities and cell phones for operations & maintenance), Underground Service Alerts, employee training and certifications. This account is based on actual charges for the above services in FY 09-10 and changes in amounts are made only as necessary.

Totals by Account:	3501 Utilities	\$ 6,500
	3502 Uniforms	2,500
	3503 Communications	20,000
	3504 USA & Otr Servs	4,000
	3505 Misc.	8,000
	3506 Training & Certs	<u>4,000</u>
		\$45,000

TOTAL OPERATION & MAINTENANCE EXPENSES - \$1,035,762

Total Operation & Maintenance Budget decrease of: -13.64%

GENERAL AND ADMINISTRATIVE

Program Description

The General and Administrative accounts reflect costs for support of all administrative functions of COMB. The G& A portion of the budget provides for the time and effort spent by administrative staff in many areas that are to the benefit of all five Member Units of COMB. These include water supply and delivery reports, human resources and risk management, tax and employment law, salary & benefits, accounting and bookkeeping, communications with federal, State and local agencies and the general public on a variety of contractual and informational matters.

DIRECTORS' FEES - 5000

This account reflects Directors' fees at a rate of \$128.00 per meeting and mileage expenses. A special meeting contingency amount of 20% of the total has been included to cover costs for special Board and Committee meetings. The Directors will decide future increases by public meeting and change of ordinance.

Total of this account: \$12,000.

LEGAL & AUDIT - 5100

This account reflects costs for COMB general counsel expenses; and the annual COMB audit.

Total of this account: \$75,000.

UNEMPLOYMENT TAX - 5150

COMB is in the State Unemployment "self-insured" program which means that we do not actually pay unemployment premiums, but we must budget for and have the ability to pay any unemployment claims which might arise. The calculation of this account is payroll driven. The Board will provide funding for any claims that may arise so this account will be kept at zero for FY 10-11.

Total of this account: \$ 0.00.

LIABILITY/PROPERTY INSURANCE - 5200

This account reflects insurance costs for coverage provided by ACWA/JPIA for all property i.e., buildings, structures, computers, modular furniture, copiers, postage meters, vehicles and an increase in replacement costs of all properties belonging to COMB. Also the General Liability portion is based on all salaries.

Total of this account: \$38,000.

HEALTH AND WORKERS' COMPENSATION - 5201

This account reflects costs for all administrative staff health premiums (medical, dental, vision & life), EAP and workers' compensation premiums for administrative staff and eligible retirees. The cost for health premiums is a set premium amount for each employee and their dependents, as well as eligible retirees. The health and life insurance programs were negotiated through ACWA and although there have been substantial increases in the past, the premiums have remained competitive throughout the years. The Workers' Compensation portion is based on salaries at different percentages based on the category of each employee (clerical and outside sales). The estimated percentage rates for FY 2010-2011 have increased only slightly from the previous year and are as follows: Clerical staff is .72% and the General Manager is categorized as outside sales at .87%. These percentages include a 10% discount for using State Fund Preferred Providers and a 12% discount for being an ACWA member.

Total of this account: \$ 88,024

CaIPERS RETIREMENT - 5250

This account reflects costs for the California Public Employees Retirement System. The costs are based on salaries for all COMB administrative staff. COMB pays both employer and employee portions of the retirement plan at 10.671% for the employer portion and 7% for the employee portion. The costs in this account vary from year to year based on our retirement account reserves and actuarial valuations of the entire PERS system. Our employer contribution percentage over the years has ranged between 0% and 11%. The calculation of this account is payroll driven.

Total of this account: \$ 53,171

FICA & MEDICARE - 5339

This account reflects COMB's matching share of social security and medicare taxes for all COMB administrative employees.

Total of this account: \$ 25,899

ADMINISTRATIVE SALARIES - 5300, 5301, 5306

These accounts reflect Board approved salaries for the specified positions. The salaries for all staff contain a 0% cost of living increase. The salary for the General Manager contains the salary set by the COMB & CCRB Boards.

General Manager (50%) - 5300	\$ 111,000 (75% of salary)
Administrative Manager - 5301	96,200
Administrative Assistant - 5306	59,436
Administrative Secretary – 5306	<u>27,612 (50% of salary)</u>
Total for these accounts:	\$ 294,248

OFFICE EXPENSE & POSTAGE - 5310

The Office Expense & Postage account reflects the cost of all office supplies and postage for general and administrative tasks.

Total of this account: \$ 7,000

OFFICE EQUIPMENT/LEASES/SERVICES - 5311

The Office Equipment/Leases account includes costs associated with leases and quarterly service agreements for postage machine, copier equipment and any maintenance fees.

Total of this account: \$ 6,200

MISCELLANEOUS ADMINISTRATIVE EXPENSE - 5312

This account contains funds necessary for office cleaning, Board meeting supplies, Paychex payroll costs, outside copy costs and other minor miscellaneous expenses.

Total of this account: \$ 10,000

COMMUNICATIONS - 5313

This account contains funds necessary for the telephone service, long distance service, cable internet service, and administrative staff cell phones.

Total of this account: \$ 6,000

UTILITIES - 5314

This account contains funds necessary to provide utilities to the administrative offices.

Total of this account: \$ 7,000

MEMBERSHIP DUES - 5315

This account reflects membership dues for ACWA, ASME, APWA, AWWA, County News Service, Dept. of Consumer Affairs, Associate member of CVPWA and subscriptions for professional publications.

Total of this account: \$ 6,050

ADMINISTRATIVE FIXED ASSETS - 5316

This fiscal year's fixed assets include the purchase of new computers and replacement office furniture as needed.

Total of this account: \$ 5,000

COMPUTER CONSULTANT - 5318

This account was established to more closely identify costs affiliated with our outside computer consultant services. In the past, these expenses were combined with the communications account. Our outside consultant provides technical support for all of our computer related needs.

Total of this account: \$ 15,000

EMPLOYEE EDUCATION / TRAINING - 5325

This account was established to provide employees with the ability to obtain professional training, required certifications and for management training purposes. This account also provides for human resources and employee related subscriptions.

Total of this account: \$ 3,000

ADMINISTRATIVE TRAVEL - 5330

This account reflects actual travel costs for the COMB staff. This account is also used for attendance at conferences by the General Manager and Administrative Manager.

Total of this account: \$ 3,000

PUBLIC INFORMATION - 5331

This account is available for public information bulletins, website or newsletters in order to communicate with the community in case of emergencies or environmental impacts on the COMB water distribution system or reservoirs.

Total of this account: \$ 1,000

TRANSPORTATION - 5332

This account is for reimbursement of work-related mileage and the cost for maintenance of the General Manager's vehicle.

Total of this account: \$ 1,000

TOTAL COMB GENERAL AND ADMINISTRATIVE EXPENSES - \$ 656,592

Total General and Administrative Budget increase of: +14.92%

SPECIAL GENERAL AND ADMINISTRATIVE

INTEGRATED REGIONAL WATER MANAGEMENT PLAN DEVELOPMENT - 5510

This account has been established to participate in the development and maintenance of an integrated regional water management plan.

Total of this account: \$ 25,000

SPECIAL PROJECTS

SCADA SYSTEM / FLOW METERS AND VALVE REPAIRS - 6062

The COMB SCADA system was completed and placed into full service in 2003. This line item is for the cost of the annual maintenance contract and support. This line item will provide funds for a Radio System Feasibility Study to establish alternatives for a radio system consisting of COMB, CDMWTP, Barker Pass, Sheffield CS, Ortega CS, and Carpinteria CS sites. The study will include computer analysis and radio testing on the sites.

Total of this account: \$ 46,500

COMB BUILDING AND GROUNDS REPAIR - 6090-1

This account will provide funds for existing mobile unit repair requirements, as well as maintaining and updating additional existing facilities.

Total of this account: \$50,000.

SOUTH COAST CONDUIT IMPROVEMENT PLAN AND DESIGN - 6092

The SCC Improvement Plan and Design consists of collecting existing data on the SCC (reliability studies, as-builts, and original engineering data) and evaluate this information to determine appropriate improvements and their urgency. For the 2010 / 2011 fiscal year, a portion of funds (\$50,000) will be used to complete the reliability study for Reach #3 which stretches from Ortega Reservoir to the Carpinteria Reservoir. Between the CDMWTP and Lauro Reservoir, the SCC crosses 5 creeks. The SCC is exposed in some creeks and is vulnerable to erosion and undercutting in all of them, which puts the SCC at risk. An Emergency Action Plan will be developed in the event of damage or failure of the SCC or the structures within that reach. This work will cost \$35,000. Also included in this line item is the Vent Rehabilitation Design work at the cost of approximately \$45,000.

Total of this account: \$ 130,000.

SOUTH COAST CONDUIT VALVE AND CONTROL STATIONS REHABILITATION - 6095

This program of work includes the rehabilitation of COMB's five control stations and valve pits. The rehabilitation work will include replacement of valves, repair of roofs, electrical, fencing and roads, repainting of building and valve pits, and correcting other deficiencies that exist at these facilities and the installation of 10 new line valves. In the Fiscal Year 2010 / 2011 work to be completed includes Phase I design services which consists of SCC modifications at Sheffield Flow Control Station and to the SCC upstream of the Mission Creek Crossing. These modifications are required to allow for the future installation of an emergency bypass pipeling.

Total of this account: \$ 35,000.

SOUTH COAST CONDUIT STRUCTURE REHABILITATION - 6096

This line item includes funding for the rehabilitation of COMB's approximately 200 air vent, blow-off and lateral structures. In the Fiscal Year 2010 / 2011 work to be completed includes continuation of the examination of a portion of the northerly section of the SCC between the Tecelote Tunnel outlet and Lauro Reservoir. In addition, a small portion of this line item will be attributed to any lateral rehabilitation engineering support work that may be needed.

Total of this account: \$ 60,000.

GIS AND MAPPING - 6097

Previous to the introduction of Geographic Information Systems at COMB, the maps, easements and information systems for the SCC dated back to the 1950's. Very few changes to these maps, easements and the information system had been made since then, but many changes have occurred to the SCC. The organization of the data was difficult and cumbersome to navigate. A Geographic Information System (GIS) assists in capturing, storing, analyzing, managing and organizing data, updating it in a computerized format, and allowing better access to the information. The Geographic Information System (GIS) reorganizes, updates in computerized format, allows better access to the information, and allows the information to be easily updated. With GIS integration at COMB, all maps have now been scanned and filed into the computer, the SCC has been plotted, the location of the SCC is being corrected, drawings have been linked to the system, and other data sets are being collected and imported. The correction of the SCC location is an on-going process, and the alignment location is constantly becoming more accurate. After a map of the SCC was created, the next step was to implement a mobile GIS system to streamline Underground Service Alerts and establish an efficient method for getting information to the field, saving driving time, paper and fuel. A Mobile GIS system providing an Underground Service Alert management capability with remote accessibility linking the office system with field operations was introduced to the field crew in October 2009. The implementation of this mobile GIS system is a significant milestone in the growth of the COMB GIS system. This line item for the 2010/2011 fiscal year will continue to fund the work on the maps and GIS.

Total of this account: \$41,000.

SANITARY SURVEY - 6100

This project includes funding for the engineering services to update the Watershed Sanitary Survey for the Santa Ynez River above Bradbury Dam, the West Fork of Glen Annie Canyon above Glen Annie Dam, Lauro Canyon above Lauro Dam, and the watershed above the city of Lompoc's Frick Springs. This survey was originally prepared by Summers Engineering in 1995 and updated in 2000 and 2005.

Total of this account: \$ 51,260

SPECIAL PROJECTS TOTAL \$ 413,760

**DEBT SERVICE –
GWD / Santa Barbara City only** \$ 487,500

TOTAL 2010-11 COMB BUDGET: \$2,618,614

Total COMB Budget with Special Projects decrease of: -22.20%



AECOM
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May 21, 2010

Ms. Kate Rees
General Manager
CACHUMA OPERATION & MAINTENANCE BOARD
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

Dear Ms. Rees:

**Subject: 2010/2011 General Engineering Services for South Coast Conduit (SCC)
(Task Order No. 31)**

Transmitted herewith are three (3) copies of the Task Order No. 31 for Program Management during Planning and Implementation Phases of Improvements along South Coast Conduit for the period starting in July 1, 2010 and ending on June 30, 2011.

After your review of the attached Scope of Work and concurrence, please sign all three (3) copies where indicated below and return two (2) copies to our office.

We sincerely thank you for the opportunity to continue providing engineering services for COMB.

Sincerely,

Glen M. Hille, PE
Vice President-AECOM West Region

Approved by:
Cachuma Operations & Maintenance Board

Kate Rees
General Manager

Date

Scope of Work – Task Order No. 31 2010/2011 General Engineering Services for South Coast Conduit (SCC)

Planned Engineering Services

AECOM USA, Inc. will provide the following engineering services (tasks) for the program management (facility coordination) during planning and implementation phases of improvements along the South Coast Conduit. A Task Cost Report is attached to this scope of work identifying the estimated engineering effort and estimated fee for the same.

Task 31100 - 2010 – 2011 Coordination Meetings

Attend up to twelve (12) monthly meetings with COMB staff and member agencies. Discuss technical, cost, and schedule specifics of COMB projects.

Task 31200 - Miscellaneous Engineering/Technical Support

Provide up to 53 man hours of engineering services (concept development, design and/or construction phase engineering services) to COMB on an "as requested basis" as technical support for COMB implemented projects.

Schedule

Engineering services will be provided on an "as requested basis" for the period starting July 1, 2010 and ending on June 30, 2011.

Task Cost Report
Cachuma Operation and Maintenance Board
2010/2011 General Engineering Services for South Coast Conduit
(SCC)
Task Order No. 31

The estimated engineering effort and estimated fee are shown below:

Task	Description	Level of Effort Manhours (\$)
31100	2010 – 2011 Coordination Meetings	69 (\$11,300)
31200	Miscellaneous Engineering/Technical Support	53 (\$8,700)
	Total Estimated Level of Effort	122 (\$20,000)

It is anticipated that an engineering fee of **\$20,000** will be required to accomplish the above-referenced engineering tasks based on an average of \$155 per MH and 8.5% for other costs. Compensation will be on a time and materials basis consistent with the Fee Schedule (attached) and our Engineering Services Agreement, dated February 22, 1999.

AECOM
FEE SCHEDULE FOR PROFESSIONAL SERVICES
Effective January 1, 2010

Engineers, Planners, Architects, Scientists:

Student Assistant	\$ 79.00 per hour
Assistant I	\$ 95.00 per hour
Assistant II	\$ 108.00 per hour
Associate	\$ 128.00 per hour
Senior I	\$ 152.00 per hour
Senior II	\$ 174.00 per hour
Principal	\$ 211.00 per hour
Company Officer	\$ 228.00 per hour
Special Consultant	\$ 180.00 per hour

Construction Administration Personnel:

Resident Project Representative	\$ 105.00 per hour
Senior Resident Project Representative	\$ 123.00 per hour
Resident Engineer	\$ 150.00 per hour
Construction Services Manager	\$ 198.00 per hour

Technical Support Staff:

Clerical/General Office	\$ 68.00 per hour
Administrative Specialist	\$ 79.00 per hour
Drafter/CADD Technician	\$ 70.00 per hour
Assistant CADD Operator	\$ 82.00 per hour
Designer/CADD Operator	\$ 93.00 per hour
Senior Designer/Design CADD Operator	\$ 108.00 per hour
Design/CADD Supervisor	\$ 121.00 per hour

General Project Expenses ^{1/}

8.5% of Labor

Direct Project Expenses

Other Reproduction (8 1/2 x11/11x17 Color)	\$1.15/1.50 per page
Plan Sheet Printing - In House Bond/Vellum/Mylar	\$3.00/4.00/7.00 per sheet
Subcontracted Services/Reproduction	Cost + 15%
Subcontracted or Subconsultant Services	Cost + 15%
Auto Mileage for Construction Phase Services	\$0.60 per mile
Travel & Subsistence (other than mileage)	Cost
Miscellaneous Materials	Cost + 15%

If authorized by the Client, an overtime premium multiplier of 1.5 may be applied to the billing rate of hourly personnel who work overtime in order to meet a deadline which cannot be met during normal hours.

Applicable sales tax, if any, will be added to these rates. Invoices will be rendered monthly. Payment is due upon presentation. A late payment finance charge of 1.5% per month (but not exceeding the maximum rate allowable by law) will be applied to any unpaid balance commencing 30 days after the date of the original invoice.

Fee schedule is subject to change annually.

^{1/} Includes mail, telephone, fax, office photo copies, personal computers and mileage (except as noted).



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May 21, 2010

Ms. Kate Rees
CACHUMA OPERATION & MAINTENANCE BOARD
3301 Laurel Canyon Road
Santa Barbara, CA 93105

**Subject: Cachuma Operation & Maintenance Board
South Coast Conduit (SCC) Lower Reach, SCC Pump Station to Ortega
Reservoir Final Design Phase Services for Vent Structure and Blowoff
Task Order No. 32**

Dear Kate:

Transmitted herewith are three (3) copies of the Task Order No. 32, dated May 21, 2010. It is our understanding that these services will be completed as an amendment under our Engineering Services Agreement for Investigation and Engineering Study for South Coast Conduit (SCC), dated February 22, 1999. In summary, this task order provides for Final Design Phase Services for the vent structure and blowoff.

After your review of the attached Scope of Work and concurrence, please sign all three (3) copies where indicated below and return two (2) copies to our office. We sincerely appreciate the continued opportunity to provide engineering services to COMB. Please call if clarification is required.

Sincerely,

Glen M. Hille, PE
Vice President-AECOM West Region

Approved by:
Cachuma Operations & Maintenance Board

Kate Rees
General Manager

Date

Attachment: Scope of Work, Fee Schedule

**Scope of Work – Task Order No. 32
Cachuma Operation and Maintenance Board (COMB)
South Coast Conduit (SCC) Lower Reach, SCC Pump Station
to Ortega Reservoir, Final Design Phase Services for Vent
Structure and Blowoff Modifications**

Background and Overview

COMB operates the SCC from the Lake Cachuma north portal to the Carpinteria Reservoir. In 2005, COMB retained Boyle Engineering Corporation (now AECOM) to perform a Phase II Reliability Study for the SCC Upper Reach - Tecolote Tunnel to the Corona Del Mar Water Treatment Plant and Lower Reach – SCC Booster Pump Station to Ortega Reservoir. In that DRAFT report, dated September 2006, recommendations for the SCC Booster Pump Station to Ortega Reservoir reach were made for design engineering tasks. Those tasks were intended to reduce hydraulic constrictions in the system without significant system overstress.

AECOM has previously developed preliminary design level drawings showing proposed vent structure improvements to accommodate the refined hydraulic capacity and surge suppression. In addition, the design modifications addressed increased resistance to contamination for operation as a potable waterline. Preliminary designs were prepared with the understanding that COMB would negotiate construction contracts with select contractors for the following structures:

- Barker Pass Vent Modifications
- Return Pipe to Lauro Reservoir
- Ortega Vent Modification (Station 195+00)

In addition, vent improvements similar to those constructed at Ortega are necessary at Sheffield Tunnel Vent (south portal outlet structure).

Air binding in the vicinity of Sheffield Flow Control Station (FCS) was identified in a letter report dated March 27, 2003 as the possible source of excessive head loss. In that report, installation of an additional air-release valve downstream of the Sheffield FCS was recommended. Final design level drawings for the proposed installation of the air-vacuum valve at this location (the blowoff at Station 83+82) are also necessary.

COMB constructed the Ortega vent improvements, but the others were not constructed. It is understood that COMB intends to bid all four SCC improvements in one contract. This proposal is for the engineering services necessary to prepare final engineering plans and specifications for public bid as one bid package. We have identified the following scope in order to accomplish those means. The anticipated overall project cost is in the magnitude of \$575,000.

Final Design Phase

Task Series 322000 – Final Design Phase

AECOM will prepare CSI-based specifications for the project. Specifications initially will be completed to 90 percent level to allow review by COMB of technical and contractual aspects in relation to bid forms, insurance forms, and bond forms. Provide the following technical specifications:

- Bid documents
- Supplement to General Provisions
- Pipeline materials
- Trenching, backfilling, and compaction
- Connections to existing vents
- Draft Storm Water Pollution Prevention Plan (SWPPP)

Task 322100 – Design

90 Percent Design Progress Plans

Compile site plan and detail sheets for:

- Barker Pass Vent Modifications
- Return Pipe to Lauro Reservoir
- Ortega Vent Modification (Station 195+00)
- Air-Vacuum Valve addition and modifications at blowoff Station 83+82

Task 322200 – Specifications

Technical specifications were previously prepared for the Lauro Vent Modifications and Barker Pass Vent Modifications. Those will be the basis for the technical specifications for the vent modifications and for the installation of an air-release valve. Bid documents prepared for the Upper Reach Reliability Project will be the basis for preparation of the general provisions and bid forms. The specification sections included are listed in Attachment A.

90 Percent Design Submittal. Submit eight half size (11" x 17") sets at the 90 percent review and eight copies/sets of the specifications and the cost opinion. Meet with COMB staff to address review comments.

Task 322300 – Cost Opinion

Update the following magnitude of overall project cost estimate at 100% design stage:

Magnitude of Overall Project Cost Estimate

No.	Description	Quantity	Unit	Unit/Cost	Cost(\$)
1	Mobilization (6%)	1	LS	\$ 16,000	\$ 16,000
2	Shoring	1	LS	\$ 10,000	\$ 10,000
3	Barker Pass Vent Modifications				
a	Demo Portion of Existing Vent	1	LS	\$ 1,000	\$ 1,000
b	30" BF, Class D two 2/6" Outlet	1	EACH	\$ 2,000	\$ 2,000
c	6" CML&C Piping	8	FT	\$ 150	\$ 1,200
d	6" Steel Elbows	4	EACH	\$ 300	\$ 1,200
e	6"x3" Steel Reducer	2	EACH	\$ 500	\$ 1,000
d	3" CML&C Piping	8	FT	\$ 125	\$ 1,000
g	3" CAV 2/Can	2	EACH	\$ 5,000	\$ 10,000
h	Concrete	25	FT3	\$ 40	\$ 1,000
	Subtotal				\$ 44,400
4	Pipe Return to Lauro Reservoir				
a	36" RCP Pipe	420	LF	\$ 450	\$ 189,000
b	Vent Demolition & Connection Sta 6+82	1	LS	\$ 2,000	\$ 2,000
c	New Air Vent Sta 10+00	1	LS	\$ 5,000	\$ 5,000
d	Conn to Exist Dissipater Sta 11+04 (Penetration, Concrete, Valve)	1	LS	\$ 7,600	\$ 7,600
	Subtotal				\$ 203,600
5	Sheffield Vent				
a	Modify Existing Vent (Install Flanges, Steel Pipe, Vent Cover)	1	LS	\$ 15,000	\$ 15,000
6	Blow Off Sta 83+82				
a	Air Vacuum Valve Addition & Modifications to Blow Off (Flange with 6" outlet, 6" piping, 6" valve and 4" CAV) and air binding reduction modifications	1	LS	\$ 50,000	\$ 50,000
	Bid Item Total				\$ 313,000
	Contractor Profit (15%)				\$ 47,000
	Engineering - Design				\$ 40,000
	Engineering - Bid				\$ 30,000
	Engineering - CPS				\$ 50,000
	Permitting				TBD
	ROW				TBD
	Contingency (30%)				\$ 95,000
	Magnitude of Project Cost				\$ 575,000

Task 322400 – Final Plans

AECOM will compile 22" x 34" contract plans showing the proposed system modifications based upon the reviewed 90 percent design progress submittal. It is anticipated that the plan set will consist of:

- Title Sheet
- Abbreviations, Notes, and Location Maps
- Site Plans (four)
- Details (four)
- Structural (five)

Eight half size (11" x 17") sets will be provided at the 90 percent review. The final deliverable will consist of one full size set (mylar) and one bound set.

Task 322500 – Survey

Compile legal description for Lauro Vent pipeline easement.

Task 322600 – Meetings

Prepare for and attend up to two meetings with COMB and member agencies.

Task 322700 – Project Management

- Attend up to two meetings with COMB at COMB headquarters or on-site.
- Attend one COMB Board presentation for the final design.
- Update Project Schedule at bid ready phase.
- Monitor schedule and cost of design phase services.

Task 323000 – Bid Phase Services (Future Task Order)

Task 324000 – Construction Phase Engineering Services (Future Task Order)

Schedule

It is anticipated that the Design Phase Scope of Services associated with this proposal will be completed within 60 calendar days from the notice to proceed.

Supplemental Provisions

Construction Safety

COMB agrees that in accordance with generally accepted construction practices, the construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the Project, including safety of all persons and property, and that this requirement shall be made to apply continuously and not be limited to normal working hours. AECOM shall not have control over or charge of, and shall not be responsible for, construction means, methods, techniques, sequences or procedures, as these are solely the responsibility of the construction contractor. AECOM shall not have the authority to stop or reject the work of the construction contractor.

Contractor Indemnification/Additional Insured

Client will require that any Contractor performing work in connection with the project for which AECOM is providing professional services, hold harmless, indemnify and defend Client, AECOM, their consultants, and each of their directors, officers, agents and employees from any and all liability, claims, losses, damage and costs, including attorneys' fees, arising out of or alleged to arise from the Contractor's performance of the work described in the construction contract documents, but not including liability that may be due to the sole negligence of Client, AECOM, their consultants, or their directors, officers, agents and employees.

Client will require the Contractor to provide workers' compensation and commercial general liability insurance, including completed operations and contractual liability, with the latter coverage sufficient to insure the Contractor's indemnity, as above required; and such insurance shall include Client, AECOM, their consultants, and each of their directors, officers, agents and employees as additional insureds.

Hazardous Materials

In providing its services hereunder, neither AECOM nor its subconsultants shall be responsible for identification, handling, containment, abatement, or in any other respect, for any asbestos or hazardous material if such is present in connection with the project. In the event that CLIENT becomes aware of the presence of asbestos or hazardous material at the jobsite, CLIENT shall be responsible for complying with all applicable federal and state rules and regulations, and shall immediately notify AECOM, who shall then be entitled to cease any of its services that may be affected by such presence, without any liability to AECOM or its subconsultants arising there from.

Cost Estimate

AECOM has no control over the cost of labor, materials, equipment or services furnished by others or over Contractor's methods of determining prices, or other competitive bidding or market conditions, practices or omissions on the site. Any cost estimates provided by the Consultant will be made on the basis of his experience and judgment. Estimates of probable construction costs may vary from actual construction costs.

Re-Use of Documents

Documents, drawings, specifications, and electronic information/data, including computer aided drafting and design ("CADD"), prepared by CONSULTANT pursuant to this agreement are not intended or represented to be suitable for reuse by CLIENT or others on extensions of the Project or on any other project. Any use of completed documents for other projects and any use of incomplete documents without specific written authorization from CONSULTANT will be at CLIENT's sole risk and without liability to CONSULTANT.

Right to Rely

Consistent with the professional standard of care and unless specifically provided herein, AECOM shall be entitled to rely upon the accuracy of data and information provided by the COMB or others without independent review or evaluation.

Opinions of Cost

Any estimate of the project's probable construction cost prepared by AECOM is an opinion representing AECOM's judgment as a design professional. Estimates of probable construction cost are supplied for the general guidance of COMB. Since AECOM has no control over the cost of labor and material or over competitive bidding or market conditions AECOM does not guarantee the accuracy of such estimates as compared to AECOM bids or actual cost to COMB.

Assumptions

In preparing this proposal, the following assumptions were made:

- This scope of work constitutes our current understanding of the project. Other tasks not specifically addressed in this proposal may be required. Certain assumptions have been made in preparing the scope of work and fee estimate. To the extent possible, they are stated herein and are reflected in the estimated fees.
- It is our understanding that these project components are categorically exempt from the CEQA process.
- No right-of-way services are included. No additional identification or measurement of the parcels potentially affected by the construction will be made. It is assumed that all work will be done on existing COMB right-of-way or U.S. Bureau of Reclamation property.
- Right-of-entry permits will be obtained by COMB.
- COMB will submit the plans, specifications, and estimate to the Bureau of Reclamation for MP-620 review.
- All existing design drawings, as-built drawings, design plans, reports, and specifications for existing, adjacent, and affected facilities will be made available to AECOM by COMB.
- No independent check of data furnished by COMB will be made unless specifically described in this scope. AECOM will rely on the accuracy of information provided.

- National Standards referenced in the contract plans and specifications will be those issued, approved, and printed as of the date of this proposal.
- Application for, processing, payment of any fees associated with, and obtaining any regulatory permits applicable for this project is excluded.
- Preparation of archaeological resources or environmental mitigation report is excluded.
- COMB will pay all permit fees and prepare permit applications.
- Engineering services during the bid and construction phases will be authorized in a future task order.

The estimated engineering effort and estimated fee are shown below:

Task	Description	AECOM Level of Effort	
		MH	(\$)
322000	Final Design Phase	28	\$ 4,700
322100	Design	32	\$ 5,300
322200	Specifications	64	\$ 10,800
322300	Cost Opinion	19	\$ 3,200
322400	Final Plans	32	\$ 5,300
322500	Survey	10	\$ 1,700
322600	Meetings	12	\$ 2,000
322700	Program Management	41	\$ 7,000
Total		237	\$ 40,000

It is anticipated that an engineering fee of **\$40,000** will be required to accomplish the above-referenced engineering tasks based on an average of \$155 per MH, 8.5 percent for other costs. Compensation will be on a time-and-materials basis consistent with the Fee Schedule attached and our Engineering Services Agreement dated February 22, 1999.

SCC PUMP STA TO ORTEGA RES, VENT STRUCTURE AND BLOW OFF MAINTENANCE

DRAWING NO	DESCRIPTION	PERCENT COMPLETE	PRINCIPAL \$215	SENIOR \$150	HOURS			CADD OPERATOR \$88	ADMIN \$83	TOTAL \$	TOTAL INDIRECT
					ASSISTANT \$115						
G-1	TITLE SHEET	75%	1	2	0	0	8	0	\$ 1,219	\$ -	
G-2	GENERAL NOTES & ABBREVIATIONS	75%	1	2	0	0	8	0	\$ 1,219	\$ -	
G-3	RIGHT-OF-WAY, EASEMENT AND ACCESS MAP	0%	1	6	0	0	12	0	\$ 2,171	\$ -	
C-1	BARKER PASS VENT MODIFICATIONS	90%	1	6	0	0	2	0	\$ 1,291	\$ -	
C-2	LAURO RESERVOIR PLAN AND PROFILE	90%	1	6	0	0	2	0	\$ 1,291	\$ -	
C-3	ORTEGA VENT (STA 195+00)	0%	1	6	0	0	12	0	\$ 2,171	\$ -	
C-4	AIR VAC VALVE ADDITION & MODIFICATIONS AT BLOW OFF STA 83	0%	1	6	0	0	12	0	\$ 2,171	\$ -	
D-1	BARKER PASS VENT MODIFICATIONS DETAILS	90%	1	6	0	0	2	0	\$ 1,291	\$ -	
D-2	LAUREL RESERVOIR DETAILS	90%	1	6	0	0	2	0	\$ 1,291	\$ -	
D-3	LAUREL RESERVOIR VENT DETAILS	90%	1	6	0	0	2	0	\$ 1,291	\$ -	
	SUBTOTAL (DESIGN & PLANS)		10	52	0	0	62	0	\$ 15,406	\$ -	
	SPECIFICATIONS - FRONT END DOCUMENTS								\$ 2,911	\$ -	
	SPECIFICATIONS - TECHNICAL								\$ -	\$ -	
011100	COORDINATION OF WORK, PERMITS, AND REGULATIONS	50%	2	8	0	0	0	4	\$ 1,962	\$ -	
012000	MEASUREMENT AND PAYMENT	90%	2	4	0	0	0	2	\$ 1,196	\$ -	
013300	SUBMITTALS	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
014210	GENERAL ABBREVIATIONS	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
015100	CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
015526	TRAFFIC REGULATION	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
017410	CLEANING DURING CONSTRUCTION AND FINAL CLEANING	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
020120	PROTECTING EXISTING UNDERGROUND UTILITIES	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
020130	CONNECTIONS TO EXISTING BURIED PIPELINES	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
023219	SUBSURFACE UTILITY LOCATING (POTHOLING)	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
024100	EQUIPMENT, PIPING, AND MATERIALS DEMOLITION	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
030500	GENERAL CONCRETE CONSTRUCTION	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
050520	BOLTS, WASHERS, ANCHORS, AND EYEBOLTS	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
099000	PAINTING AND COATING	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
099752	COLD-APPLIED WAX TAPE COATING	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
099754	POLYETHYLENE SHEET ENCASUREMENT (AWWA C105)	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
311100	CLEARING, STRIPPING, AND GRUBBING	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
312316	TRENCHING, BACKFILLING, AND COMPACTING	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
321216	ASPHALT CONCRETE PAVING	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
331300	DISINFECTION OF PIPING AND STRUCTURES	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
400500	GENERAL PIPING REQUIREMENTS	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
400515	PRESSURE TESTING OF PIPING	90%	0	0.5	0	0	0	1	\$ 158	\$ -	
400520	MANUAL, CHECK, AND PROCESS VALVES	90%	0	0.5	0	0	0	1	\$ 158	\$ -	

ITEM # 2
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SCC PUMP STA TO ORTEGA RES, VENT STRUCTURE AND BLOW OFF MAINTENANCE

DRAWING NO	DESCRIPTION	PERCENT COMPLETE	PRINCIPAL \$215	SENIOR \$150	HOURS			CADD OPERATOR \$88	ADMIN \$83	TOTAL \$	TOTAL INDIRECT
					ASSISTANT \$115	0	0				
400560	AIR-RELEASE AND VACUUM-RELIEF VALVES	90%	0	0.5	0	0	0	1		\$ 158	\$ -
400775	EQUIPMENT, PIPING, DUCT, AND VALVE IDENTIFICATION	90%	0	0.5	0	0	0	1		\$ 158	\$ -
402001	GENERAL REQUIREMENTS FOR STEEL PIPING	90%	0	0.5	0	0	0	1		\$ 158	\$ -
402050	FABRICATED STEEL SPECIALS	90%	0	0.5	0	0	0	1		\$ 158	\$ -
402051	INSTALLATION OF BURIED STEEL OR CONCRETE PIPE	90%	0	0.5	0	0	0	1		\$ 158	\$ -
402066	CML&C STEEL PIPE	90%	0	0.5	0	0	0	1		\$ 158	\$ -
402080	GENERAL REQUIREMENTS FOR CONCRETE PRSSURE PIPE	90%	0	0.5	0	0	0	1		\$ 158	\$ -
402082	REINFORCED CONCRETE LOW-HEAD PRESSURE PIPE (ASTM C361)	90%	0	0.5	0	0	0	1		\$ 158	\$ -
APPENDICES											
A	REFERENCE DRAWINGS	90%	0	0.5	0	0	0	1		\$ 158	\$ -
B	PERMITS	0%	0	0	0	0	0	0		\$ -	\$ -
SUBTOTAL (SPECIFICATIONS)			4	27	0	0	0	36		\$ 10,809	\$ -
TOTAL			14	79	0	0	62	36		\$ 26,215	\$ -

ITEM # 7
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May 21, 2010

Ms. Kate Rees
CACHUMA OPERATION & MAINTENANCE BOARD
3301 Laurel Canyon Road
Santa Barbara, CA 93105

**Subject: Cachuma Operation & Maintenance Board
South Coast Conduit (SCC) Carpinteria Reach
Phase 1 Design Services for SCC Modifications at
Sheffield Flow Control Station
Task Order No. 33**

Dear Kate:

Transmitted herewith are three (3) copies of the Task Order No. 33, dated May 21, 2010. It is our understanding that these services will be completed as an amendment under our Engineering Services Agreement for Investigation and Engineering Study for South Coast Conduit (SCC), dated February 22, 1999. In summary, this task order provides for Phase 1 Design Services which consists of SCC modifications at Sheffield Flow Control Station and to the SCC upstream of the Mission Creek crossing. These modifications are required to allow for the future installation of an emergency bypass pipeline.

After your review of the attached Scope of Work and concurrence, please sign all three (3) copies where indicated below and return two (2) copies to our office. We sincerely appreciate the continued opportunity to provide engineering services to COMB.

Sincerely,

Glen M. Hille, PE
Vice President-AECOM West Region

**Approved by:
Cachuma Operations & Maintenance Board**

Kate Rees
General Manager

Date

Attachment: Scope of Work, Fee Schedule

Scope of Work – Task Order No. 33

Cachuma Operation & Maintenance Board (COMB)

South Coast Conduit (SCC) Carpinteria Reach

Phase 1 Design Services for SCC Modifications at Sheffield Flow Control Station (FCS)

May 21, 2010
Page 1 of 6

Background and Overview

COMB operates the SCC from the Lake Cachuma north portal to the Carpinteria Reservoir. As part of the Phase 2 Reliability Study for the SCC conducted in 2006¹, seven creek crossings, identified as areas of concern in the 2005 Reliability and Alternatives Study², were evaluated. Mission Creek, located at approximately Station 74+00, is crossed under an emergency (retrofitted) concrete cap placed at the then current flow line. The concrete cap is 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 (along with others) with new pipe encased in structural concrete.

In June 2007, a report³ was prepared for the Santa Barbara County Public Works Department that addressed the Mission Creek at Highway 192. That report concluded that the existing concrete is a barrier to migrating salmonids and should be removed and replaced with a riffle-pool stream bed. The proposed stream improvement cannot practically be constructed without removal and relocation (at greater depth) of the SCC across Mission Creek. COMB is not implementing the relocation project at this time, but is installing SCC modifications to allow for future installation of a temporary bypass pipeline between the north side of Mission Creek and Sheffield FCS to avoid interrupted flow in the conduit for an extended period of time.

This proposal is for the engineering services necessary to prepare engineering plans and specifications for construction of modifications to the SCC to allow future installation of the bypass. We have identified the following scope in order to accomplish those means.

Final Design Phase

Task 33100 – Specifications Preparation

AECOM will prepare CSI-based specifications for the project. Specifications initially will be completed to 90 percent level to allow review by COMB of technical and contractual aspects in relation to bid forms, insurance forms, and bond forms. AECOM will provide the following technical specifications:

- Bid documents
- Supplement to General Provisions
- Pipeline materials

¹ Phase 2 Reliability Study for South Coast Conduit Upper Reach Tecolote Tunnel to Corona Del Mar WTP and Carpinteria Reach South Coast Conduit Booster Pump Station to Ortega Reservoir, DRAFT dated August 2006 (Cover dated September 2006), Boyle Engineering Corporation ref: VT-C32-102-05, Section 6.

² Reliability and Alternatives Study for the South Coast Conduit Carpinteria Reach Cater Booster Pump Station to the Ortega Reservoir, FINAL DRAFT dated April 2005, Boyle Engineering Corporation ref: VT-C32-102-03.

³ Highway 192 at Mission Creek Fish Passage Improvement Project, June 2007, by Questa Engineering Corporation, ref: 240100.

- Trenching, backfilling, and compaction

Technical specifications were prepared for the Mission Creek pipeline relocation project. Those will be the basis for the technical specifications for the modifications to the Sheffield FCS and plans for the installation of a valve on the SCC with a tee and valve upstream of Mission Creek. Bid documents prepared for the Upper Reach Reliability Project will be the basis for preparation of the general provisions and bid forms. The specification sections included are listed in Attachment A.

Task 33200 – Pipeline Design

Plans

Plans for the modifications to the Sheffield FCS were prepared to 90 percent completion in 2009. Those plans were never issued for bid, and specifications were not prepared. Plans for the installation of a valve on the SCC with a tee and valve were included in the Mission Creek plans and specifications prepared in 2009. Those components relative to the installation of the valves will be incorporated in the plans for the modifications to the Sheffield FCS, with the intent that they be bid as one project and constructed during the same limited shutdown of the SCC. The design tasks include:

- Modify/prepare a cover sheet and general notes sheet.
- Modify/prepare plan and profile sheets including minimum requirements for excavation and backfill, ground surface, utilities, easement, pipe laydown, and staging areas.
- Modify/prepare a detail sheet including pipe trench section and backfill requirements.
- Modify/prepare design and related drawings for in-line valve, tee, and outlet installation at Station 72+38.

Task 33300 – Cost Opinion and Bid Item Recommendations

- Provide the cost opinion and assumptions and
- Develop recommendations for bid items.

Task 33400 – Corrosion Engineering

Schiff Associates, as a subconsultant to AECOM⁴, performed a soil corrosivity assessment on a portion of the SCC that included the Mission Creek crossing. Moderately corrosive to corrosive soils were found along Highway 192. AECOM will include test stations and bond wires for future monitoring of the SCC at Station 72+38. No other cathodic protection design is included.

⁴Reliability and Alternatives Study for the South Coast Conduit Carpinteria Reach Cater Booster Pump Station to the Ortega Reservoir, FINAL DRAFT dated April 2005, Boyle Engineering Corporation ref: VT-C32-102-03. Appendix E, Initial Corrosion Analysis, dated February 13, 2004.

Task 33500 – Plans

Plans

AECOM will compile 22-inch by 34-inch contract plans showing the proposed alignment. The plans will reflect decisions made in the preliminary design phase. It is anticipated that the plan set will consist of:

- Title sheet (one)
- Abbreviations, notes (one)
- Survey
- Plan and profile (three)
- Details (four)
- Reference drawings (four)

Eight half size (11" x 17") sets will be provided at the 90 percent review. The final deliverable will consist of one full-size set (mylar) and one bound set.

Task 33600 – Meeting

Attend one (1) meeting with COMB and/or member agencies.

Task 33700 – Program Management

- Attend up to two meetings with COMB.
- Attend one COMB board presentation for the final design.
- Project schedule at 90 percent design phase.
- Permit coordination is excluded.
- Monitor schedule and cost of design phase services.

Schedule

It is anticipated that the Scope of Services associated with this proposal will be completed within 60 calendar days from the notice to proceed.

Supplemental Provisions

Construction Safety

COMB agrees that in accordance with generally accepted construction practices, the construction contractor will be required to assume sole and complete responsibility for job site conditions during the

course of construction of the Project, including safety of all persons and property, and that this requirement shall be made to apply continuously and not be limited to normal working hours. AECOM shall not have control over or charge of, and shall not be responsible for, construction means, methods, techniques, sequences or procedures, as these are solely the responsibility of the construction contractor. AECOM shall not have the authority to stop or reject the work of the construction contractor.

Contractor Indemnification/Additional Insured

Client will require that any Contractor performing work in connection with the project for which AECOM is providing professional services, hold harmless, indemnify and defend Client, AECOM, their consultants, and each of their directors, officers, agents and employees from any and all liability, claims, losses, damage and costs, including attorneys' fees, arising out of or alleged to arise from the Contractor's performance of the work described in the construction contract documents, but not including liability that may be due to the sole negligence of Client, AECOM, their consultants, or their directors, officers, agents and employees.

Client will require the Contractor to provide workers' compensation and commercial general liability insurance, including completed operations and contractual liability, with the latter coverage sufficient to insure the Contractor's indemnity, as above required; and such insurance shall include Client, AECOM, their consultants, and each of their directors, officers, agents and employees as additional insureds.

Hazardous Materials

In providing its services hereunder, neither AECOM nor its subconsultants shall be responsible for identification, handling, containment, abatement, or in any other respect, for any asbestos or hazardous material if such is present in connection with the project. In the event that CLIENT becomes aware of the presence of asbestos or hazardous material at the jobsite, CLIENT shall be responsible for complying with all applicable federal and state rules and regulations, and shall immediately notify AECOM, who shall then be entitled to cease any of its services that may be affected by such presence, without any liability to AECOM or its subconsultants arising there from.

Cost Estimate

AECOM has no control over the cost of labor, materials, equipment or services furnished by others or over Contractor's methods of determining prices, or other competitive bidding or market conditions, practices or omissions on the site. Any cost estimates provided by the Consultant will be made on the basis of his experience and judgment. Estimates of probable construction costs may vary from actual construction costs.

Re-Use of Documents

Documents, drawings, specifications, and electronic information/data, including computer aided drafting and design ("CADD"), prepared by CONSULTANT pursuant to this agreement are not intended or represented to be suitable for reuse by CLIENT or others on extensions of the Project or on any other project. Any use of completed documents for other projects and any use of incomplete documents without specific written authorization from CONSULTANT will be at CLIENT's sole risk and without liability to CONSULTANT.

Right to Rely

Consistent with the professional standard of care and unless specifically provided herein, AECOM shall be entitled to rely upon the accuracy of data and information provided by the COMB or others without independent review or evaluation.

Opinions of Cost

Any estimate of the project's probable construction cost prepared by AECOM is an opinion representing AECOM's judgment as a design professional. Estimates of probable construction cost are supplied for the general guidance of COMB. Since AECOM has no control over the cost of labor and material or over competitive bidding or market conditions AECOM does not guarantee the accuracy of such estimates as compared to AECOM bids or actual cost to COMB.

Assumptions

In preparing this proposal, the following assumptions were made:

- This scope of work constitutes our current understanding of the project. Other tasks not specifically addressed in this proposal may be required. Certain assumptions have been made in preparing the scope of work and fee estimate. To the extent possible, they are stated herein and are reflected in the estimated fees.
- No right-of-way services are included. The existing rights-of-way have already been identified based upon available APN data. No additional identification or measurement of the parcels potentially affected by the temporary pipe will be made. Penfield and Smith has already provided an initial review of the existing easement documentation⁵.
- No coordination with Caltrans District 5 staff is included. It is assumed that all work will be done on existing COMB right-of-way or U.S. Bureau of Reclamation property.
- Engineering services during the bid and construction phases will be authorized in future task orders.
- Right-of-entry permits will be obtained by COMB.
- COMB will submit the plans, specifications, and estimate to the Bureau of Reclamation for MP-620 review.

⁵ Phase 2 Reliability Study for South Coast Conduit Upper Reach Tecolote Tunnel to Corona Del Mar WTP and Carpinteria Reach South Coast Conduit Booster Pump Station to Ortega Reservoir, DRAFT dated August 2006 (Cover dated September 2006), Boyle Engineering Corporation ref: VT-C32-102-05, Section 7 and Appendix 9.

- No jurisdictional agency reviews or permits are required. It is our understanding that COMB will pay permit fees and review permit applications. COMB will prepare permit applications, follow up with regulatory agencies with field meetings, and follow permits through the process, etc.
- All existing design drawings, as-built drawings, design plans, reports, and specifications for existing, adjacent, and affected facilities will be made available to AECOM by COMB.
- No independent check of data furnished by COMB will be made unless specifically described in this scope. AECOM will rely on the accuracy of information provided.
- National standards referenced in the contract plans and specifications will be those issued, approved, and printed as of the date of this proposal.
- Application for, processing, payment of any fees associated with and obtaining any regulatory permits applicable for this project is excluded.
- Preparation of archaeological resources or mitigation report is excluded.

The estimated engineering effort and estimated fee are shown below:

Task	Description	AECOM Level of Effort	
		(MH)	(\$)
FINAL DESIGN PHASE			
33100	Specifications Preparation	61	\$10,300
33200	Pipeline Design	31	\$5,200
33300	Cost Opinion and Bid Item Recommendations	7	\$1,200
33400	Corrosion Engineering	6	\$1,000
33500	Final Plans	31	\$5,300
33600	Meeting	9	\$1,500
33700	Program Management	45	\$7,500
Total			\$32,000

It is anticipated that an engineering fee of \$32,000 will be required to accomplish the above-referenced engineering tasks based on an average of \$155 per MH, and 8.5% for other direct costs. Compensation will be on a time and materials basis consistent with the 2010 Fee Schedule attached and our Engineering Services Agreement dated February 22, 1999.

SCC MODIFICATIONS & SHEFFIELD CONTROL STATION

DRAWING NO.	DESCRIPTION	PERCENT COMPLETE	HOURS				ADMIN	TOTAL \$	TOTAL INDIRECT
			PRINCIPAL \$215	SENIOR \$150	ASSISTANT \$115	CADD OPERATOR \$88			
G-1	TITLE SHEET	75%	1	2	0	6	\$1,043	0	
G-2	ABBREVIATIONS & GENERAL NOTES	90%	1	2	0	6	\$1,043	0	
G-3	MISSION CREEK RIGHT-OF-WAY, EASEMENT AND ACCESS MAP	90%	1	2	0	4	\$867	0	
C-1	SHEFFIELD CONTROL STATION PHASE I MODIFICATIONS	90%	1	2	0	4	\$867	0	
C-2	MISSION CREEK SCC INLINE VALVE LAYOUT	90%	1	2	0	4	\$867	0	
C-3	MISSION CREEK SCC INLINE VALVE ENLARGED PLAN AND PROFILE	90%	1	2	0	2	\$691	0	
D-1	MISSION CREEK - PIPELINE DETAILS	90%	1	2	0	2	\$691	0	
D-2	MISSION CREEK - PIPELINE DETAILS	90%	1	2	0	2	\$691	0	
D-3	MISSION CREEK - PIPE JOINT DETAILS	90%	1	2	0	2	\$691	0	
D-4	CATHODIC PROTECTION	0%	1	1	0	2	\$541	0	
REF DWG NO. 1	MISSION CREEK - AS-BUILT	90%	1	1	0	2	\$541	0	
REF DWG NO. 2	MISSION CREEK - SHOP DRAWING	90%	1	1	0	2	\$541	0	
REF DWG NO. 3	MISSION CREEK - SHOP DRAWING - JOINT DETAIL	90%	1	1	0	2	\$541	0	
REF DWG NO. 4	MISSION CREEK - SHOP DRAWING - JOINT DESIGN DETAIL	90%	1	1	0	2	\$541	0	
	SUBTOTAL (DESIGN & PLANS)		14	24	0	42	\$10,306	\$0	
	SPECIFICATIONS - FRONT END DOCUMENTS						\$2,814		
	SPECIFICATIONS - TECHNICAL								
011100	COORDINATION OF WORK, PERMITS, AND REGULATIONS	50%	2	8	0	0	\$1,713	0	
012000	MEASUREMENT AND PAYMENT	50%	2	4	0	0	\$1,113	0	
013300	SUBMITTALS	90%	0	1	0	0	\$233	0	
014210	GENERAL ABBREVIATIONS	90%	0	1	0	0	\$233	0	
015100	CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS	90%	0	1	0	0	\$233	0	
015526	TRAFFIC REGULATION	90%	0	1	0	0	\$233	0	
017410	CLEANING DURING CONSTRUCTION AND FINAL CLEANING	90%	0	1	0	0	\$233	0	
020120	PROTECTING EXISTING UNDERGROUND UTILITIES	90%	0	1	0	0	\$233	0	
020130	CONNECTIONS TO EXISTING BURIED PIPELINES	90%	0	1	0	0	\$233	0	
024100	EQUIPMENT, PIPING, AND MATERIALS DEMOLITION	90%	0	1	0	0	\$233	0	
050520	BOLTS, WASHERS, ANCHORS, AND EYEBOLTS	90%	0	1	0	0	\$233	0	
099000	PAINTING AND COATING	90%	0	1	0	0	\$233	0	
099752	COLD-APPLIED WAX TAPE COATING	90%	0	1	0	0	\$233	0	
099754	POLYETHYLENE SHEET ENCASUREMENT (AWWA C105)	90%	0	1	0	0	\$233	0	
311100	CLEARING, STRIPPING, AND GRUBBING	90%	0	1	0	0	\$233	0	
312316	TRENCHING, BACKFILLING, AND COMPACTING	90%	0	1	0	0	\$233	0	
329010	LANDSCAPING PLANTING	90%	0	1	0	0	\$233	0	
331300	DISINFECTION OF PIPING AND STRUCTURES	90%	0	1	0	0	\$233	0	
400500	GENERAL PIPING REQUIREMENTS	90%	0	1	0	0	\$233	0	
400520	MANUAL, CHECK, AND PROCESS VALVES	90%	0	1	0	0	\$233	0	
402001	GENERAL REQUIREMENTS FOR STEEL PIPING	90%	0	1	0	0	\$233	0	
402050	FABRICATED STEEL SPECIALS	90%	0	1	0	0	\$233	0	

SCCMODS&SHEFFIELDCCOST-1

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SCC MODIFICATIONS & SHEFFIELD CONTROL STATION

DRAWING NO.	DESCRIPTION	PERCENT COMPLETE	PRINCIPAL \$215	SENIOR \$150	HOURS			ADMIN \$83	TOTAL \$	TOTAL INDIRECT
					ASSISTANT \$115	CADD OPERATOR \$88				
APPENDICES										
A	PERMITS	0%	0	0	0	0	0	\$0		0
	SUBTOTAL (SPECIFICATIONS)		4	32	0	0	22	\$10,300		\$0
	TOTAL		18	56	0	42	22	\$20,606		\$0

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AECOM
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Ventura, CA 93003
www.aecom.com

805 644 9704 tel
805 642 8277 fax

May 21, 2010

Ms. Kate Rees
CACHUMA OPERATION & MAINTENANCE BOARD
3301 Laurel Canyon Road
Santa Barbara, CA 93105

**Subject: Cachuma Operation & Maintenance Board
South Coast Conduit (SCC) Carpinteria Reach
Radio Communications for South Coast Conduit
Task Order No. 34**

Dear Kate:

Transmitted herewith are three (3) copies of the Task Order No. 34, dated May 21, 2010. It is our understanding that these services will be completed as an amendment under our Engineering Services Agreement for Investigation and Engineering Study for South Coast Conduit (SCC), dated February 22, 1999. In summary, this task order provides for Radio Communications for SCC.

After your review of the attached Scope of Work and concurrence, please sign all three (3) copies where indicated below and return two (2) copies to our office.

We sincerely appreciate the continued opportunity to provide engineering services to COMB.

Sincerely,

Glen M. Hille, PE
Vice President-AECOM West Region

**Approved by:
Cachuma Operations & Maintenance Board**

Kate Rees
General Manager

Date

Attachment: Scope of Work, Fee Schedule

Scope of Work – Task Order No. 34 Cachuma Operation and Maintenance Board Radio Communication for South Coast Conduit

May 21, 2010
Page 1 of 6

Background and Overview

The existing SCADA System for the Cachuma Operation and Maintenance Board (COMB) was commissioned in 2002.

The following facilities have been identified for modifications and/or upgrade:

- ▶ Lauro Reservoir Debris Basin – Monitor instruments recently installed.
- ▶ Lauro Reservoir Outlet Seismic Valve Monitoring – Add Seismic Valve closed status signal to existing PLC and SCADA.
- ▶ Sheffield Control Station Modifications:
 - Replace two flowmeters
 - Automate new valve (SCC South Flow)
- ▶ Barker Pass Pressure Monitoring – Monitoring of SCC pressure in the vicinity of Barker Pass pump station.
- ▶ Radio System:
 - Radio System Feasibility Study to establish alternatives for a radio system consisting of COMB, CDMWTP, Barker Pass, Sheffield CS, Cater, Ortega Reservoir, and Carpinteria Reservoir sites. The study will include computer analysis and radio testing on the sites.
 - Radio System Design

At this time COMB has decided to complete the feasibility study for the Radio System. The design and implementation approach will be decided at the conclusion of the study.

Feasibility Study for Radio Communications for South Coast Conduit

Task 34100 – Radio System Study

Conduct radio system feasibility study for the sites identified above. The study will consist of the following:

- ▶ Computer analysis and site testing (validation) by subconsultant (vendor)
- ▶ Report
 - Up to three (3) pages of text defining radio system, assumption and anticipated benefits

- Schematic (block) diagram
- Opinion of probable cost for radio system
- List of SCADA Upgrades not considered in Radio System Feasibility Report
- Up to one (1) page test on project delivery alternatives

Task 34200 – Radio System Design

Compile drawings and specifications for public bid of the radio system project. Drawings will consist of:

- Title Sheet
- Location Map
- Block Diagram of sites to be connected to the radio system

Task 34210 – Update the Following Cost Estimate at the 50% and 90% Level of Design

Opinion of Probable Construction Cost at Pre-Concept Design Level (<2% Engineering)	
Radio System	\$ 200,000
Engineering – Design Phase	\$ 80,000
Engineering – Bid Phase	\$ 25,000
Engineering – Construction Phase	\$ 25,000
Contingency	\$ 70,000
Opinion of Probable Construction Cost at <2% Design	\$ 400,000

Task 34220 –50% Design (Drawings and Specification Outline)

- Submit 50% design.

Task 34230 – 100% Design (Drawings and Specification Outline)

- Submit 100% design.

Task 34340 – Program Management

- Attend up to two meetings with COMB.
- Monitor schedule and cost of design phase services.

TASK COST REPORT

The estimated engineering effort and estimated fee are shown below:

Task	Description	Effort Manhours (\$)		Sub Consultant
34100	Radio System Feasibility Study	80	\$ 16,500	\$ 20,000
34200	Instrumentation Design			
	Radio System Design	0	\$ -	
	Electrical Design	0	\$ -	
34210	Update Cost Estimate at the 50% and 90% Level of Design	0	\$ -	
34220	50% Design (Drawings & Spec Outline)			
	Submit 50% Design	0	\$ -	
34230	100% Design (Drawings & Spec)			
	Submit 100% Design	0	\$ -	
34340	Program Management	0	\$ -	
	Total		\$ 16,500	\$ 20,000

It is anticipated that an engineering fee of \$16,500 will be required to accomplish the above-referenced engineering tasks based on an average of \$155 per MH, and 8.5% for other cost. Compensation will be on a time and materials basis consistent with the 2010 Fee Schedule attached and our Engineering Services Agreement dated February 22, 1999.

Project Schedule

It is anticipated that the Scope of Services associated with this proposal will be completed within 120 calendar days from the notice to proceed.

Supplemental Conditions

Construction Safety

COMB agrees that in accordance with generally accepted construction practices, the construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the Project, including safety of all persons and property, and that this requirement shall be made to apply continuously and not be limited to normal working hours. AECOM shall not have control over or charge of, and shall not be responsible for, construction means, methods, techniques, sequences or procedures, as these are solely the responsibility of the construction contractor. AECOM shall not have the authority to stop or reject the work of the construction contractor.

Contractor Indemnification/Additional Insured

Client will require that any Contractor performing work in connection with the project for which AECOM is providing professional services, hold harmless, indemnify and defend Client, AECOM, their consultants, and each of their directors, officers, agents and employees from any and all liability, claims, losses, damage and costs, including attorneys' fees, arising out of or alleged to arise from the Contractor's performance of the work described in the construction contract documents, but not including liability that may be due to the sole negligence of Client, AECOM, their consultants, or their directors, officers, agents and employees.

Client will require the Contractor to provide workers' compensation and commercial general liability insurance, including completed operations and contractual liability, with the latter coverage sufficient to insure the Contractor's indemnity, as above required; and such insurance shall include Client, AECOM, their consultants, and each of their directors, officers, agents and employees as additional insureds.

Hazardous Materials

In providing its services hereunder, neither AECOM nor its subconsultants shall be responsible for identification, handling, containment, abatement, or in any other respect, for any asbestos or hazardous material if such is present in connection with the project. In the event that CLIENT becomes aware of the presence of asbestos or hazardous material at the jobsite, CLIENT shall be responsible for complying with all applicable federal and state rules and regulations, and shall immediately notify AECOM, who shall

then be entitled to cease any of its services that may be affected by such presence, without any liability to AECOM or its subconsultants arising there from.

Cost Estimate

AECOM has no control over the cost of labor, materials, equipment or services furnished by others or over Contractor's methods of determining prices, or other competitive bidding or market conditions, practices or omissions on the site. Any cost estimates provided by the Consultant will be made on the basis of his experience and judgment. Estimates of probable construction costs may vary from actual construction costs.

Re-Use of Documents

Documents, drawings, specifications, and electronic information/data, including computer aided drafting and design ("CADD"), prepared by CONSULTANT pursuant to this agreement are not intended or represented to be suitable for reuse by CLIENT or others on extensions of the Project or on any other project. Any use of completed documents for other projects and any use of incomplete documents without specific written authorization from CONSULTANT will be at CLIENT's sole risk and without liability to CONSULTANT.

Right to Rely

Consistent with the professional standard of care and unless specifically provided herein, AECOM shall be entitled to rely upon the accuracy of data and information provided by the COMB or others without independent review or evaluation.

Assumptions

In preparing this proposal, the following assumptions were made:

- This scope of work constitutes our current understanding of the project. Other tasks not specifically addressed in this proposal may be required. Certain assumptions have been made in preparing the scope of work and fee estimate. To the extent possible, they are stated herein and are reflected in the estimated fees.
- No right-of-way services are included. It is assumed that all work will be done on existing COMB right-of-way or U.S. Bureau of Reclamation property.
- Right-of-entry permits will be obtained by COMB.
- COMB will submit the plans, specifications, and estimate to the Bureau of Reclamation for MP-620 review.

- No jurisdictional agency reviews or permits are required. It is our understanding that COMB will pay permit fees and review permit applications. COMB will prepare permit applications, follow up with regulatory agencies with field meetings, and follow permits through the process, etc.
- All existing design drawings, as-built drawings, design plans, reports, and specifications for existing, adjacent, and affected facilities will be made available to AECOM by COMB.
- No independent check of data furnished by COMB will be made unless specifically described in this scope. AECOM will rely on the accuracy of information provided.
- National standards referenced in the contract plans and specifications will be those issued, approved, and printed as of the date of this proposal.
- Application for, processing, payment of any fees associated with and obtaining any regulatory permits applicable for this project is excluded.
- Preparation of CEQA documents and permits is excluded.
- Structure design for antennas and/or supports is excluded.

F:\PENDING\COMB\Task Order #34 (Radio Communications for SCC)\TO #34 Scope 5-21-10.doc

AECOM
FEE SCHEDULE FOR PROFESSIONAL SERVICES
Effective January 1, 2010

Engineers, Planners, Architects, Scientists:

Student Assistant	\$ 79.00 per hour
Assistant I	\$ 95.00 per hour
Assistant II	\$ 108.00 per hour
Associate	\$ 128.00 per hour
Senior I	\$ 152.00 per hour
Senior II	\$ 174.00 per hour
Principal	\$ 211.00 per hour
Company Officer	\$ 228.00 per hour
Special Consultant	\$ 180.00 per hour

Construction Administration Personnel:

Resident Project Representative	\$ 105.00 per hour
Senior Resident Project Representative	\$ 123.00 per hour
Resident Engineer	\$ 150.00 per hour
Construction Services Manager	\$ 198.00 per hour

Technical Support Staff:

Clerical/General Office	\$ 68.00 per hour
Administrative Specialist	\$ 79.00 per hour
Drafter/CADD Technician	\$ 70.00 per hour
Assistant CADD Operator	\$ 82.00 per hour
Designer/CADD Operator	\$ 93.00 per hour
Senior Designer/Design CADD Operator	\$ 108.00 per hour
Design/CADD Supervisor	\$ 121.00 per hour

General Project Expenses ^{1/}

8.5% of Labor

Direct Project Expenses

Other Reproduction (8 1/2 x11/11x17 Color)	\$1.15/1.50 per page
Plan Sheet Printing - In House Bond/Vellum/Mylar	\$3.00/4.00/7.00 per sheet
Subcontracted Services/Reproduction	Cost + 15%
Subcontracted or Subconsultant Services	Cost + 15%
Auto Mileage for Construction Phase Services	\$0.60 per mile
Travel & Subsistence (other than mileage)	Cost
Miscellaneous Materials	Cost + 15%

If authorized by the Client, an overtime premium multiplier of 1.5 may be applied to the billing rate of hourly personnel who work overtime in order to meet a deadline which cannot be met during normal hours.

Applicable sales tax, if any, will be added to these rates. Invoices will be rendered monthly. Payment is due upon presentation. A late payment finance charge of 1.5% per month (but not exceeding the maximum rate allowable by law) will be applied to any unpaid balance commencing 30 days after the date of the original invoice.

Fee schedule is subject to change annually.

^{1/} Includes mail, telephone, fax, office photo copies, personal computers and mileage (except as noted).

Scope of Work – Task Order No. 35 Emergency Response Plan for the Upper Reach of South Coast Conduit from CDMWTP to Lauro Reservoir

**Draft
for Plan Review & Comments**

Planned Engineering Services

AECOM will provide the following engineering services (tasks) for the development of an Emergency Response Plan (ERP) for the Upper Reach of the South Coast Conduit (SCC) from CDMWTP to Lauro Reservoir. The focus of the ERP is to identify alternative operational scenarios to deliver water and the procedures to put them in place in the event the SCC operation was interrupted between CDMWTP and Lauro Reservoir. A Task Cost Report is attached to this scope of work identifying the estimated engineering effort and estimated fee for the same.

Task 35000 – Kick Off Meeting

Meet with COMB staff to refine tasks, emergency reliability expectations, components of the ERP.

Task 35100 – Project Goals and Criteria Evaluation

Summarize the existing capacity limitations and other constraints of the existing inter-ties, and evaluate the benefits and costs for establishing alternate methods of water delivery in the event of an emergency for varying levels reliability. Evaluate and prioritize the project components consisting of:

- ▶ Existing inter-ties between Goleta Water District and City of Santa Barbara.
- ▶ Potential for additional inter-ties between City of Santa Barbara and Goleta Water District, or City of Santa Barbara and Montecito Water District.
- ▶ Capacity of local supplemental water supplies for City of Santa Barbara, Montecito Water District, and Carpinteria Valley Water District.

Task 35200 – Existing Data

35210 – Documents / Data

Obtain from COMB the following existing data relative to the SCC between the CDMWTP and Lauro Reservoir:

- ▶ Original USBR design specification for the SCC from CDWTP to Lauro Reservoir.
Note any conditions changed from original plan designs (new roads, pipeline modifications, fills, vegetation, and erosion).
- ▶ COMB Maintenance Records.
- ▶ Goleta Water District's and City of Santa Barbara's design specifications for the existing interties.
- ▶ Flow capacity data between CDMWTP and Lauro Reservoir.
- ▶ Flow capacity data for the Santa Barbara/GWD interties.

35220 – Field Reconnaissance

- ▶ Conduct one (1) field reconnaissance of the SCC right-of-way from CDMWTP to Lauro Reservoir.
- ▶ Identify areas that are visually apparent, from vehicle reconnaissance, at risk due to high flows in streams, flooding, fire, or landslides.

Task 35300 – Alternatives Analysis

Conduct an analysis of the following options to continue water deliveries if the SCC operation was interrupted between CDMWTP and Lauro Reservoir:

- ▶ Use of existing interties between Goleta Water District and City of Santa Barbara.
- ▶ Potential and/or planned additional inter-ties between City of Santa Barbara and Goleta Water District and/or Montecito Water District.
- ▶ Capacity of local supplemental supplies for City of Santa Barbara, Montecito Water District, and Carpinteria Water District.

Task 35400 – Emergency Response Plan Procedures

Develop procedures to follow if the SCC operation was interrupted between CDMWTP and Lauro Reservoir, including the following activities:

- ▶ Purchase spare 48" pipe sections for sections of the SCC areas at apparent risk.
- ▶ Purchase equipment and materials needed to implement emergency repairs.
- ▶ Fabricate emergency pipeline adaptor system (already designed).
- ▶ Train staff in pipeline repair and installation of emergency adaptor system.
- ▶ Develop staff level shutdown and pipeline repair procedures.
- ▶ Establish coordination between COMB staff and City, MWD, and CVWD staff.

Task 35500 – Work Shop

Prepare for and conduct a one-day workshop with the COMB Operating Committee and member agencies' operations staff.

Task 35600 – Emergency Response Plan

Draft an Emergency Response Plan summarizing the following:

- ▶ Project Goals and Criteria (Realistic Level of Required Reliability) up to one (1) page.
- ▶ Summary of Record Data and Field Reconnaissance up to two (2) pages.
- ▶ Background, Existing Capacity, and Demand up to one (1) page.
- ▶ Alternative Analysis and Magnitude of Cost Comparison up to two (2) pages and one (1) table.
- ▶ ERP Procedures (one (1) page)
- ▶ Conclusions and Recommendations up to one (1) page.

Task 35700 – Meetings

Attend up to 4 meetings with COMB and/or the following team members:

- ▶ USBR.
- ▶ Member Agencies.
- ▶ COMB Board.

**Cachuma Scope of Work - Task Order No. 35 Emergency Response Plan for the
Upper Reach of South Coast Conduit from CDMWTP to Lauro Reservoir
Fee Estimate**

Task	Description	AECOM Level of Effort	
		Manhours	(\$)
35000	Kick Off Meeting	8	\$ 1,300
35100	Project Goals and Criteria Evaluation	16	\$ 2,700
35200	Existing Data		
35210	Documents	6	\$ 1,000
35220	Field Reconnaissance	24	\$ 4,000
35300	Alternatives Analysis	65	\$ 10,900
35400	Workshop	16	\$ 2,700
35500	Report	64	\$ 10,800
35600	Meetings	8	\$ 1,300
	Total	207	\$ 34,700

It is anticipated that an engineering fee of \$34,700 will be required to accomplish the above-referenced engineering tasks based on an average of \$155 per MH, and 8.5% for other direct costs. Compensation will be on a time and materials basis consistent with the 2010 Fee Schedule attached and our Engineering Services Agreement dated February 22, 1999.



Assumptions

- Topographic (base) mapping will be provided by COMB at a scale of 1" = 200' for the SCC alignment with property lines identified based on "county assessor" available data.
- This scope of work constitutes our current understanding of the project. Other tasks not specifically addressed in this proposal may be required. Certain assumptions have been made in preparing the scope of work and fee estimate. To the extent possible, they are stated herein and are reflected in the estimated fees.
- No right-of-way services are included. No additional identification or measurement of the parcels potentially affected by the construction will be made. It is assumed that all work will be done on existing COMB right-of-way or U.S. Bureau of Reclamation property.
- Right-of-entry permits will be obtained by COMB.
- All existing design drawings, as-built drawings, design plans, reports, and specifications for existing, adjacent, and affected facilities will be made available to AECOM by COMB.
- No independent check of data furnished by COMB will be made unless specifically described in this scope. AECOM will rely on the accuracy of information provided.
- National Standards referenced in the contract plans and specifications will be those issued, approved, and printed as of the date of this proposal.
- No hydraulic modeling, geotechnical investigations and analysis, or structural analysis is anticipated for completion of this task.

Project Schedule

It is anticipated that the Scope of Services associated with this proposal will be completed within 120 calendar days from the notice to proceed.

Supplemental Conditions

Construction Safety

COMB agrees that in accordance with generally accepted construction practices, the construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the Project, including safety of all persons and property, and that this requirement shall be made to apply continuously and not be limited to normal working hours. AECOM shall not have control over or charge of, and shall not be responsible for, construction means, methods, techniques, sequences or procedures, as these are solely the responsibility of the construction contractor. AECOM shall not have the authority to stop or reject the work of the construction contractor.

Contractor Indemnification/Additional Insured

Client will require that any Contractor performing work in connection with the project for which AECOM is providing professional services, hold harmless, indemnify and defend Client, AECOM, their consultants, and each of their directors, officers, agents and employees from any and all liability, claims, losses, damage and costs, including attorneys' fees, arising out of or alleged to arise from the Contractor's performance of the work described in the construction contract documents, but not including liability that

may be due to the sole negligence of Client, AECOM, their consultants, or their directors, officers, agents and employees.

Client will require the Contractor to provide workers' compensation and commercial general liability insurance, including completed operations and contractual liability, with the latter coverage sufficient to insure the Contractor's indemnity, as above required; and such insurance shall include Client, AECOM, their consultants, and each of their directors, officers, agents and employees as additional insureds.

Hazardous Materials

In providing its services hereunder, neither AECOM nor its subconsultants shall be responsible for identification, handling, containment, abatement, or in any other respect, for any asbestos or hazardous material if such is present in connection with the project. In the event that CLIENT becomes aware of the presence of asbestos or hazardous material at the jobsite, CLIENT shall be responsible for complying with all applicable federal and state rules and regulations, and shall immediately notify AECOM, who shall then be entitled to cease any of its services that may be affected by such presence, without any liability to AECOM or its subconsultants arising there from.

Cost Estimate

AECOM has no control over the cost of labor, materials, equipment or services furnished by others or over Contractor's methods of determining prices, or other competitive bidding or market conditions, practices or omissions on the site. Any cost estimates provided by the Consultant will be made on the basis of his experience and judgment. Estimates of probable construction costs may vary from actual construction costs.

Re-Use of Documents

Documents, drawings, specifications, and electronic information/data, including computer aided drafting and design ("CADD"), prepared by CONSULTANT pursuant to this agreement are not intended or represented to be suitable for reuse by CLIENT or others on extensions of the Project or on any other project. Any use of completed documents for other projects and any use of incomplete documents without specific written authorization from CONSULTANT will be at CLIENT's sole risk and without liability to CONSULTANT.

Right to Rely

Consistent with the professional standard of care and unless specifically provided herein, AECOM shall be entitled to rely upon the accuracy of data and information provided by the COMB or others without independent review or evaluation.

GIS Budget 2010/11

Line Item 1: Field Mapplet Support	Provided by Spatial Wave, FieldMapplet Maintenance and Support	\$ 3,600.00
Line Item 2: GeoXH 2005 Support (Furbee Insurance)	Provided by GeoPosition, \$495 split 50/50	\$ 247.50
Santa Barbara County 2010 Aerial Imagery	\$5000 split 50/50	\$ 2,500.00
Line Item 3: MapLogic Layout Manager	Mapbook creation and layout manager	\$ 1,200.00
ESRI Maintenance	Total Maintenance: \$5867.00 split 50/50	\$ 2,933.50
High Resolution Imagery along SCC extent/Elevation Lidar Data	Acquire high precision elevations of entire length of SCC; 3" oblique aerial imagery; calculate mass volume/load over SCC (eg, Franklin Ranch horse corral over SCC), identify High Consequence Areas for risk analysis; land use classification Total \$47,900/2 \$23,950.00	\$ 23,950.00
AutoCAD	AutoCAD Single Use License \$7k split 50/50	\$ 3,500.00
Additional GPS Unit	2008 GeoExplorer XH Handheld (comparable survey grade to existing unit but updated- existing unit is 5 years old) \$5695.00 split 50/50	\$ 2,847.50
Antenna Cable	5 Meter Antenna Cable for GPS \$91.13 split 50/50	\$ 45.57

Total '10/11

\$ 40,824.07

COMB Facilities Repairs/Replacements Needed at Lauro Yard

The proposed FY 10-11 Budget includes \$50,000 for building and ground repairs. Within the last 4 or 5 years, all the outlying buildings have been completely refurbished, so no work is planned for those locations during the next fiscal year. However, there is substantial work needed on the buildings at the Lauro yard. Below is a list of what needs to be done. \$50,000 in budgeted funds will be used to complete a portion of them.

Administrative Mobile Office Unit:

- New mobile or modular office unit for administrative staff needs to be purchased at some time in the future. The existing mobile office was purchased in 1993 and was a pre-owned unit at that time.
- At minimum, repair/improvements needed: new roofing, leak repairs, dry rot repairs, AC/heater repairs, new floor coverings.

Fisheries Mobile Office Unit:

- New mobile or modular office unit for biology staff needs to be purchased at some time in the future. The existing mobile unit was purchased in 1999 and was a pre-owned unit at that time. Currently there is not sufficient space for the full time biology staff and seasonal staff.
- At minimum, repair/improvements needed: replace ceiling tiles, install rain gutter or awning over the back door, repair leaking windows, new roofing, new floor covering, interior paint.

Chlorine Building:

- Install shelving, work bench, and sink for fisheries laboratory activities.

ADA Compliance for Board Room Building and All Mobile Office Units:

- Design and install handicap access ramps for compliance with the Americans with Disabilities Act
- Widen front doorway and bathroom doorway in Board room
- Widen bathroom doorway in administrative mobile office unit.

Lauro Yard:

- Re-application of protective coating for the roofing on the core shed, welding shed and tractor shed
- Covered storage area for large diameter pipe, valves, and other replacement parts and equipment

Robert T. Flowers
RCE 18324
Stephen G. Flowers
RCE 26192
Vernon E. Williams
RCE 33690
Eric L. Flavell
RCE 33000
Alan H. Chierici

FLOWERS & ASSOCIATES, INC.

C I V I L E N G I N E E R S

201 NORTH CALLE CESAR CHAVEZ, SUITE 100, SANTA BARBARA, CA 93103

PHONE: 805.966.2224 • FAX: 805.965.3372

www.flowersassoc.com

CACHUMA O&M BOARD

W.O. 0741
E-mail, Mail

March 26, 2010

CACHUMA O&M BOARD

Ms. Kate Reese, General Manager
Mr. Robert Dunlap, Operations Foreman
Cachuma Operation and Maintenance Board (COMB)
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

Subject: On-Call Engineering Services

Kate/Robert,

Pursuant to your request this is to provide a proposal for the subject services for FY 2010-2011. It is our understanding that these services would be provided when needed and authorized by you or your authorized representative either verbally or by E-mail and confirmed by us by E-mail prior to beginning the work.


The nature of these services is that they are currently undefined but will not be significant in nature and could involve preliminary studies, limited construction observations and/or minor design tasks to include design of structural rehabilitation of some of the South Coast Conduit laterals.

The fee amount for these services is your decision but we recommend not less than \$20,000 for this period. Our services will be billed for at approximately monthly intervals in accordance with our attached current Fee Schedule. Payment is due upon receipt of Statement and unpaid balances are subject to late charges.

We anticipate utilization of the Purchase Order Agreement we have seen in the past for these services and are prepared to sign it when completed with reference to this proposal.

Please contact the undersigned with any questions or comments on this proposal. We appreciate the opportunity to continue our relationship with COMB.

Sincerely,
FLOWERS & ASSOCIATES, INC.

By: 
Vernon E. Williams, P.E.
Vice President

Encl.

ITEM # 7
PAGE 60

FLOWERS & ASSOCIATES, INC.

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Robert T. Flowers
RCE 18324
Stephen G. Flowers
RCE 26192
Vernon E. Williams
RCE 33690
Eric L. Flavell
RCE 33000
Alan H. Chierici

FEE SCHEDULE

Effective October 21, 2009
Until Revised

<u>ENGINEERING SERVICES</u>	<u>HOURLY RATE</u>
Principal Engineer	\$167.00
Associate Engineer	\$149.00
Senior Engineer.....	\$134.00
Resident Engineer.....	\$134.00
Project Manager	\$120.00
Field Engineer	\$116.00
Design Engineer.....	\$116.00
Senior Inspector	\$112.00
Staff Engineer.....	\$112.00
Senior Technician.....	\$112.00
Inspector.....	\$ 97.00
Technician.....	\$ 97.00
Project Administrator/Agency Coordinator	\$ 88.00
CAD Technician	\$ 88.00
Word Processor	\$ 75.00

EXPERT TESTIMONY

Expert Testimony, Deposition, Court Appearance and Research related thereto will be charged at 3.0 times the applicable hourly rate.

REIMBURSABLE EXPENSE

Prints, plots, and other expenses connected with the work will be charged at cost.

CONSULTANTS

Subcontracts administered by Flowers & Associates, Inc. will be charged at cost plus 15%.

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Robert T. Flowers
RCE 18324
Stephen G. Flowers
RCE 26192
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RECEIVED

JAN 14 2010

W.O. 0740
E-mail, Mail

CACHUMA O&M BOARD

January 12, 2010

Ms. Kate Reese, General Manager
Mr. Robert Dunlap, Operations Foreman
Cachuma Operations and Maintenance Board (COMB)
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

Subject: South Coast Conduit (SCC) Examination and Repair Project-Northerly Section-Phase III: Fall 2010

Kate and Robert,:

Pursuant to your request we are providing herewith a proposal for engineering services for the subject project.

BASIS OF PROPOSAL

We have reviewed this project with you and have determined the following as a basis for this proposal:

1. The condition of the SCC is assumed to be essentially as found in our Spring 2009 examination.
2. This proposal covers examination of a portion of the northerly section of the SCC only and is assumed to be completed during the Fall of 2010.
3. Our services for this phase will generally consist of assisting COMB with the planning and execution of the examination of a portion or portions of the northern section of the SCC-between the Tecolote tunnel outlet and Lauro Reservoir.
4. We have assumed that the examination of the SCC interior will begin when the demand drops in the Fall probably in early November and last approximately six weeks. This effort will consist of alternating periods when the conduit is shut down for examination and preparation for the shutdowns. The shutdowns will be for a period of 1 week minimum and 10 days maximum with 5 day minimum breaks between shutdowns.

ITEM # 7
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- 5. The maximum daily work period for our personnel will not exceed 8 hours.
- 6. As requested, Ric Craig will be performing the examination and documentation of the condition of the SCC. We will also provide a qualified person to serve as Ric's assistant during the pipe examination. Vern Williams will be the Project Manager for the services provided by Flowers and Associates, Inc. and will provide any engineering services required. Flowers and Associates, Inc. clerical staff will be utilized as necessary.
- 7. COMB will supply all safety equipment and training.

SCOPE OF SERVICES

With the above items as a basis and our experience with the first two phases of this program, we propose the following scope of services for this phase:

- A. Advance planning for shutdowns and training update.
- B. Three five-day examination periods including entry and documentation.
- C. Two five-day recovery and preparation periods
- D. Data consolidation and report preparation.

COMPENSATION

With the assumptions stated, we propose to complete the above described scope of services on a TIME AND MATERIALS basis not to exceed \$49,200. If it appears our services and compensation will exceed that stated we will request authorization for the increased scope and fees before proceeding.

Our services will be billed for at approximately monthly intervals in accordance with our Fee Schedule in effect when the services are rendered. Current Schedule is attached. Payment is due upon receipt of Statement and unpaid balances are subject to late charges.

SPECIFIC EXCLUSIONS

Specifically not included in the scope of services for this proposal are the following:

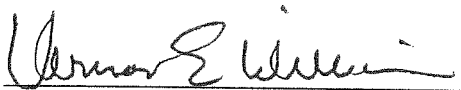
- 1. Construction Contract Administration, construction monitoring or observation.
- 2. Surveying and/or geotechnical services.
- 3. Safety training and equipment.
- 4. Any involvement with hazardous waste including detection, evaluation, management and cleanup.

AGREEMENT BETWEEN CLIENT AND CONSULTANT

We anticipate COMB's typical Purchase Order Agreement for this project and are prepared to sign it when completed with references to this proposal.

Please contact the undersigned with any questions or comments on this proposal. We appreciate the opportunity to continue working with you on this project.

Sincerely,
FLOWERS & ASSOCIATES, INC.

By: 
Vernon E. Williams, P.E.
Vice President

VW vw

Encls.

FLOWERS & ASSOCIATES, INC.

C I V I L E N G I N E E R S

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RCE 33000
Alan H. Chierici

FEE SCHEDULE

Effective October 21, 2009
Until Revised

<u>ENGINEERING SERVICES</u>	<u>HOURLY RATE</u>
Principal Engineer	\$167.00
Associate Engineer	\$149.00
Senior Engineer.....	\$134.00
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Inspector.....	\$ 97.00
Technician.....	\$ 97.00
Project Administrator/Agency Coordinator	\$ 88.00
CAD Technician	\$ 88.00
Word Processor	\$ 75.00

EXPERT TESTIMONY

Expert Testimony, Deposition, Court Appearance and Research related thereto will be charged at 3.0 times the applicable hourly rate.

REIMBURSABLE EXPENSE

Prints, plots, and other expenses connected with the work will be charged at cost.

CONSULTANTS

Subcontracts administered by Flowers & Associates, Inc. will be charged at cost plus 15%.

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PAGE 65

SUMMERS ENGINEERING, INC.

CONSULTING ENGINEERS

887 N. IRWIN ST. - P. O. BOX 1122
HANFORD, CALIFORNIA 93232-1122

JOSEPH B. SUMMERS
1923-2006

JOSEPH C. MCGAHAN
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BRIAN J. SKAGGS
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(559) 582-9237
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(559) 582-7632

March 12, 2010

Ms. Susannah Pitman
Cachuma Operations and Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

Subject: Draft Proposal for Watershed Sanitary Survey Update

Dear Ms. Pitman:

Thank you for contacting Summers Engineering, Inc. for a proposal to update the Watershed Sanitary Survey (originally prepared by our office in 1995 and updated in 2000 and 2005) for the Santa Ynez River above Bradbury Dam, the West Fork of Glen Annie Canyon above Glen Annie Dam, Lauro Canyon above Lauro Dam, and the watershed above the City of Lompoc's Frick Springs. It is our understanding the California Department of Public Health, Drinking Water Program Office has not forwarded a letter discussing any required changes in the preparation of Watershed Sanitary Survey Updates. Summers Engineering, Inc. submits the attached Draft Proposal and Scope of Work for the preparation of a new update. The proposal assumes requirements for the updated survey will be the same as 2005 and the updated report will be due on January 1, 2011.

The anticipated work schedule to complete the tasks listed in the Scope of Work is included in Table 1 along with the name of the key personnel who will perform the tasks. Table 2 includes an estimate of cost for each task as well as an estimated total project cost. Based on our experience and contacts on the original survey and updates, Summers Engineering, Inc. believes the preparation of the updated survey should be fairly straightforward. Impacts from severe fires in the watersheds and any resulting water quality issues will need to be addressed. Our approach in conducting the survey would be to work in close coordination with a subcommittee appointed by the Cachuma Operations and Maintenance Board. Meetings would be held, as needed, to review and discuss the findings.

Please let us know if you have any questions or concerns. We look forward to the opportunity of once again work with the participating water agencies of Santa Barbara County.

Very truly yours,



Roger L. Reynolds

ITEM # 7
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SCOPE OF WORK

TASK 1

Prepare an Executive Summary including findings and recommendations (5-10 pages).

The original 1995 survey and each of the next five-year updates included an Executive Summary with findings and recommendations. This summary will be reproduced, and modified as needed for inclusion in the updated report.

TASK 2

Summarize the progress made on each recommendation in the original survey and the five-year updates.

The participating member agencies and any other public agencies having responsibility over the recommendations made in the original survey and five-year updates will be contacted to review the progress and/or changes made on any of the recommendations.

TASK 3

Evaluate the original survey and five-year updates and provide any updated information on changes or improvements which have occurred in the watersheds since the last survey.

A reconnaissance field survey of all of the watersheds will be made. The owners of the respective surface water supply facilities in each watershed will be contacted to discuss any known changes in the watershed and to provide access to all watershed water supply facilities as appropriate. Information on changes or known physical improvements in the watersheds will be updated.

TASK 4

Provide a summary of the raw and treated water quality data, collected by the applicable water suppliers of the respective watersheds since the 2005 survey.

Water quality data for the 2001 – 2005 period will be obtained from the participating agencies. A summary of the annual raw water quality data collected by (1) the City of Santa Barbara at Gibraltar Reservoir, Lake Cachuma, and the Cater Water treatment

Plant, (2) the Goleta Water District at Corona Del Mar Water Treatment Plant, (3) the Montecito Water District at Jameson Lake, Fox Creek, and the Doulton Tunnel South Portal, and (4) the City of Lompoc at Frick Springs will be prepared. A summary of the annual treated water quality data at each of the respective water treatment plants will also be prepared.

TASK 5

Evaluate the (2006 – 2010) watershed raw water quality data. Provide an analysis of each respective water system’s ability to comply with current and future Enhanced Surface Water Treatment Rules.

The adequacy of the existing water quality monitoring programs will be evaluated and assessed based on their ability to monitor potential contaminants of concern. An evaluation will also be provided on each systems ability to meet the current Surface Water Treatment Rules.

TASK 6

Provide findings, a conclusion and recommendations.

Our approach in conducting this update to the Watershed Sanitary Survey will be to work in close coordination with a subcommittee appointed by the participating members of the water agencies of Santa Barbara County. Meetings would be held, if needed, to review and discuss all of the updated findings. A draft Updated Watershed Sanitary Survey report with key conclusions and recommendations will be forwarded to each subcommittee member and the individual water agencies to obtain concurrence or determine if additional information is required before finalizing the report.

TASK 7

Update as needed the Drinking Water Source Water Assessment Program (DWSAP) documents and forms.

The DWSAP documents and forms prepared for the 2005 Update to the Sanitary Survey will be reviewed and updated as required.

TASK 8

Provide a brief summary of security of the watershed and treatment facilities.

The owners of the respective surface water supply facilities in each watershed and the individual treatment facilities will be contacted to review the security measures in place. A brief summary of the measures being taken will be prepared. This summary will be reviewed with the subcommittee for appropriateness.

TASK 9

Prepare Final Report

Following review of comments on a draft Updated Watershed Sanitary Survey report, a final report will be prepared incorporating the recommended changes for submission to the California Department of Public Health, Drinking Water Program Office, Santa Barbara District, prior to January 1, 2011.

TABLE 1
WATERSHED SANITARY SURVEY UPDATE
WORK SCHEDULE

Task	Description	Completion Schedule (From Notice to Proceed)	Key Personnel
1	Prepare summary of original & updated survey	4 Months	Roger Reynolds
2	Summarize progress made on each recommendation from original & updated survey	5 Months	Roger Reynolds Scott Jacobson
3	Reevaluate original & updated field survey of watershed	6 Months	Roger Reynolds Scott Jacobson
4	Provide summary of 2006 - 2010 water quality data	6 Months	Roger Reynolds Scott Jacobson
5	Evaluate 2006 - 2010 water quality data	7 Months	Joseph McGahan Scott Jacobson
6	Provide Key Conclusions and Recommendations in Draft Report	8 Months	Roger Reynolds Scott Jacobson
7	Update as needed the Drinking Water Source Assessment Program documents	8 Months	Roger Reynolds Scott Jacobson
8	Provide a brief summary of security measures in the watershed and at treatment facilities	8 Months	Roger Reynolds Scott Jacobson
9	Prepare Final Report	9 Months	Roger Reynolds Scott Jacobson

TABLE 2

**ENGINEERING COST ESTIMATE
WATERSHED SANITARY SURVEY UPDATE**

Task No.	Description	Cost
1	Prepare summary of original & updated survey	\$2,200
2	Summarize progress made on each recommendation from the original & updated survey	\$2,400
3	Reevaluate field survey of watershed	\$8,400
4	Provide summary of 2006 - 2010 water quality data	\$3,700
5	Evaluate 2006 - 2010 water quality data	\$3,500
6	Provide Key Conclusions and Recommendations in a Draft Report	\$11,000
7	Update, as needed, Drinking Water Source Water Assessment Program documents	\$3,600
8	Provide brief summary of Security of watershed	\$3,500
9	Prepare Final Report	\$10,000
	Subtotal	\$48,300
	10% Contingencies and Incidentals	\$4,700
	Total Estimated Cost	\$53,000