

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

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

Monday, April 23, 2012

2:00 P.M.

AGENDA

- 1. CALL TO ORDER, ROLL CALL**
- 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.) Please make your comments from the podium once acknowledged by the President of the Board.
- 3. CONSENT AGENDA**
Action: Recommend Approval of Consent Agenda by vote on one motion unless member requests separate consideration
 - a. Minutes March 26, 2012 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
- 4. APPROVAL OF RESOLUTION NO. 540 TO JOIN THE HEALTH BENEFITS PROGRAM OF THE ACWA JOINT POWERS INSURANCE AUTHORITY**
Action: Recommend approval by motion and roll call vote of the Board
- 5. APPROVAL TO SUPPORT BILL AB 2443 "QUAGGA AND ZEBRA MUSSEL INFESTATION PREVENTION"**
Action: Recommend approval by motion and vote of the Board
- 6. APPROVAL OF QUIOTA CREEK MOU WITH THE COUNTY OF SANTA BARBARA**
Action: Recommend approval by motion and vote of the Board
- 7. REPORT FROM BOARD COMMITTEE**
 - a. Administrative Committee Meeting, April 13, 2012
- 8. DRAFT FY 2012-2013 BUDGET**

9. **REPORT ON MODIFIED SCC UPPER REACH RELIABILITY PROJECT**
10. **CONVEYANCE SYSTEM OPERATIONS PROGRAM REPORT**
11. **FISHERIES PROGRAM REPORT**
12. **REPORTS FROM THE MANAGER**
 - a. Cachuma Water Reports
 - b. Cachuma Reservoir Current Conditions
 - c. Lake Cachuma Quagga Survey
 - d. **Verbal** - General Manager's Overview of the System
13. **DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING**
14. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**
 - a. **SIGNIFICANT EXPOSURE TO LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9 (b): One case**
15. **MEETING SCHEDULE**
 - May 21, 2012 at 2:00 P.M., COMB Office
 - Board Packages Available on COMB Website
www.cachuma-board.org
16. **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
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, March 26, 2012

1. Call to Order, Roll Call

The meeting was called to order at 2:00 p.m. by President Lauren Hanson who chaired the meeting. Those in attendance were:

Directors present:

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

Others present:

Bruce Mowry	Tony Trembley
Charles Hamilton	Theresa Lancy
Ruth Snodgrass	Kate Rees
Phil Walker	Karen Carroll
Tim Robinson	

2. Public Comment

Phil Walker commented on siltation at Lake Cachuma.

3. Consent Agenda

a. Minutes:

February 27, 2012 Regular Board Meeting

b. Investment Funds

Financial Report
Investment Report

c. Payment of Claims

Director Francisco moved to approve the Consent Agenda as presented, seconded by Director Lieberknecht, after discussion Director Morgan requested striking "things falling through the crack in relation to" from the 2/27/2012 minutes, item #3. Director Francisco and Director Lieberknecht agreed with the change, motion passed as changed 7/0/0.

4. Cachuma Project Trust Fund/Renewal Meeting and County's Public Meeting on Cachuma Project \$100,000 Betterment Fund, March, 23, 2012

a. Recommended Uses of Trust Fund/Renewal Fund for FY 2012-2013

ITEM # 3a

PAGE 1

b. Recommended Uses of County Water Agency's Cachuma Project \$100,000 Betterment Fund for FY 2012-2013

General Manager Bruce Mowry reported that the committees recommending uses for the Funds, met on March 23, 2012. Reclamation voted that COMB utilize all of the Trust Fund monies and during the Board's budgeting process identify expenditures that follow the terms and conditions of the Warren Act MOU. Reclamation will review the expenditures for compliance with the terms and conditions of the MOU prior to being distributed.

The County voted that COMB receive \$90,000 of the \$100,000 Betterment Fund and utilize \$75,000 for the annual contract for the USGS Gauging Program and \$15,000 for the Fisheries Program. The County would retain the balance of \$10,000 to be used on their gauging program on the Santa Ynez River.

The County conditioned their Renewal Fund vote on the condition that COMB approves their recommendation for the use of the Betterment Fund. If COMB agreed, all of the Renewal Fund would then be utilized by COMB in a manner that was in compliance with the requirements of the Renewal Fund. The expenditures would be identified during the budgeting process.

Director Beebe moved that the COMB Board, representing the Member Units of the Cachuma Project, vote on the Trust Fund, Renewal Fund and Betterment Fund the same as the representatives approved each of these Funds on Friday, March 23, 2012. These Funds shall be distributed to COMB as follows: Trust Fund would be \$43,559, Renewal Fund \$219,770 and the Betterment Fund, with \$75,000 applied to the annual agreement for the USGS gauging program on the Santa Ynez River and \$15,000 applied to the Fisheries Program. The balance of the Betterment Fund of \$10,000 would be retained by the County Water Agency to be utilized for their gauging program on the Santa Ynez River, seconded by Director Francisco.

The motion passed by a roll call vote:

Ayes: Francisco, Lieberknecht, Hanson, Morgan, Beebe

Nays: None

Abstain/Absent: None

5. Authorize COMB General Manager to Sign California Wildlife Conservation Board Grant Contract for Quiota Creek Crossing 7

General Manager Bruce Mowry reported that the California Wildlife Conservation Board (WCB) is in their final consideration regarding funding our grant proposal for the second half of the funding needed for the Quiota Creek Crossing 7 Fish Passage Project. WCB will be sending a Grant Agreement to COMB, once it is signed and the agreement has been returned, WCB will put our agreement on their Board agenda for final approval. This is a time sensitive matter since they meet quarterly so in order to stay on the planned construction schedule the agreement would need to be on WCB's May agenda.

Director Morgan moved that the COMB Board grant the COMB General Manager authority to sign the WCB Grant Agreement after COMB legal counsel reviews and approves the document, seconded by Director Francisco, passed 6/1/0, Director Beebe voted no.

6. Report on Modified SCC Upper Reach Reliability Project

General Manager Bruce Mowry reported that the project is progressing on schedule, the pipe will begin to be delivered to the site this week and then trenching and installation will be started. Mr. Mowry also announced that the MP-620 permit has been received from Reclamation and the federal construction permit will be issued during the next several days. Mr. Mowry reminded the Board that anyone could contact him for a site visit and that we will also be suggesting some dates for a Special Board Meeting at the project site.

Phil Walker made comments on this item.

7. Report From General Counsel

- a. **Review of Quiota Creek MOU's with the County of Santa Barbara**
Tony Trembley, legal counsel reported that he had received comments from the County regarding the MOU. He will review those comments and bring the MOU to the COMB Board for approval when the MOU has been finalized.

8. Operations Division Activities

- a. **Operations Report**
The monthly report on operations was included in the board packet. Mr. Mowry also reported that on March 17th five staff members had taken the test to upgrade their Distribution License. It was suggested that staff add to the maintenance log for cleaning fish screens, a notation regarding observations on possible Quagga mussels on the screens.

Phil Walker made comments on this item.

9. Fisheries Division Activities

- a. **Lower Santa Ynez Fisheries Report**
The monthly report on the fisheries activities was included in the board packet.

10. Reports From the Manager

- a. **Cachuma Water Reports**
The monthly water reports were included in the board packet.
- b. **Cachuma Reservoir Current Conditions**
The daily operations report for Lake Cachuma through March 20, 2012 was included in the board packet.
- c. **Lake Cachuma Quagga Survey**

The County's summary of Aquatic Invasive Species Inspection Program for February 2012 was included in the board packet.

d. Update on FY 2012-2013 Budget

General Manager Bruce Mowry reported that staff has been working on the FY 2012-2013 Budget. The Administrative Committee will review the budget in early April and a draft budget presented to the Board at the April regular meeting.

e. Update on Strategic Plan

The Plan is moving ahead on schedule along with the budget process.

f. Update on Emergency Repair Contracts

General Manager Bruce Mowry is working with legal counsel and continues to develop the contract.

11. Directors' Request for Agenda Items for Next Meeting

Director Beebe requested that Liz Caspar, County Parks Department be contacted regarding a possible presentation on Quagga mussels. Director Hanson stated that she would contact Ms. Caspar to see if there is any updated information since her previous presentation to the Board.

12. [Closed Session]: Conference with Legal Counsel-Anticipated Litigation

a. Significant Exposure to Litigation Pursuant to Government Code Section 54956.9 (b): Two cases

At 3:41 p.m. Tony Trembley announced that the Board would adjourn into closed session conference with legal counsel, Significant Exposure to Litigation pursuant to Government Code Section 54956.9 (b): two cases. Case one, March 2012 steelhead trapping activities in lower Santa Ynez River. Case two, removal of excess fill over the South Coast Conduit at 1215 Franklin Ranch Road, Goleta, CA, landowners Jessica and Andrew Brown, County LUP Appeals Case #, 07 LUP-00000-00830.

The Board came out of closed session at 4:40 p.m. There was no action to report out of closed session.

13. Meeting Schedule

- The next regular Board meeting will be held April 23, 2012 at 2:00 P.M.
- The Agendas and Board Packets are available on the COMB website, www.cachuma-board.org

14. COMB Adjournment

There being no further business, the meeting was adjourned at 4:41 p.m.

Respectfully submitted,

Bruce Mowry, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

Approved _____

Unapproved _____ ✓

4/18/2012

COMB

Statement of Net Assets

As of March 31, 2012

Accrual Basis

ASSETS

Current Assets

Checking/Savings

TRUST FUNDS

1210 · WARREN ACT TRUST FUND 54,427.84

1220 · RENEWAL FUND 10,129.06

Total TRUST FUNDS 64,556.90

1050 · GENERAL FUND 2,117,714.78

1100 · REVOLVING FUND 10,635.34

Total Checking/Savings 2,192,907.02

Other Current Assets

1010 · PETTY CASH 400.00

1200 · LAIF 3,864.99

1303 · Bradbury SOD Act Assmnts Rec 66,328.00

1304 · Lauro Dam SOD Assesmnt Rec 12,089.00

1305 · ACCRUED INTEREST RECEIVABLE 65.00

1308 · Prop 50 Grant Receivable 2,202,065.81

1400 · PREPAID INSURANCE 12,860.72

1401 · W/C INSURANCE DEPOSIT 6,529.00

Total Other Current Assets 2,304,202.52

Total Current Assets 4,497,109.54

Fixed Assets

1500 · VEHICLES 412,962.06

1505 · OFFICE FURN & EQUIPMENT 346,249.32

1510 · MOBILE OFFICES 97,803.34

1515 · FIELD EQUIPMENT 447,612.64

1525 · PAVING 22,350.00

1550 · ACCUMULATED DEPRECIATION -1,092,434.64

Total Fixed Assets 234,542.72

Other Assets

1910 · LT Bradbury SOD Act Assess Rec 5,557,253.07

1920 · LT Lauro SOD Act Assess Rec 992,518.00

Total Other Assets 6,549,771.07

TOTAL ASSETS 11,281,423.33

4/18/2012

Accrual Basis

COMB
Statement of Net Assets
As of March 31, 2012

LIABILITIES & NET ASSETS

Liabilities

Current Liabilities

Accounts Payable

2200 · ACCOUNTS PAYABLE

3,266,874.02

Total Accounts Payable

3,266,874.02

Other Current Liabilities

Payroll-DepPrm Admin

24.62

Payroll-DepPrm FD

4.62

Payroll-DepPrm Ops

21.55

2550 · VACATION/SICK

51,242.30

2560 - CACHUMA ENTITLEMENT

-134,395.59

2561 · BRADBURY DAM SOD ACT

66,328.61

2562 · SWRCB - WATER RIGHTS FEE

0.90

2563 · LAURO DAM SOD ACT

12,089.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

64,556.90

Total Other Current Liabilities

146,880.91

Total Current Liabilities

3,413,754.93

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury

5,557,253.07

2603 · LT SOD Act Liability - Lauro

992,518.00

2604 · OPEB LT Liability

189,568.00

Total Long Term Liabilities

6,739,339.07

Total Liabilities

10,153,094.00

NET ASSETS

3901 · Retained Net Assets

140,805.42

Net Income

987,523.91

Total Net Assets

1,128,329.33

TOTAL LIABILITIES & NET ASSETS

11,281,423.33

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals - July 2011-March 2012

12:23 PM
 04/17/12
 Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul '11 - Mar...	\$ Over Budg...	% of Budget	Jul '11 - Mar...	\$ Over Budg...	% of Budget	Jul '11 - Mar...	\$ Over Budg...	% of Budget
Income									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	755,988.67	-96,486.33	88.7%	1,972,063.50	2,275,848.00	86.7%	2,728,052.17	3,128,323.00	87.2%
3006 - Warren Act	76,884.00	0.00	100.0%	0.00			76,884.00	76,884.00	100.0%
3007 - Renewal Fund	191,210.00	0.00	100.0%	0.00			191,210.00	191,210.00	100.0%
3010 - Interest Income	0.00	0.00		407.16			407.16	407.16	100.0%
3020 - Misc Income	0.00	0.00		3,829.48			3,829.48	3,829.48	100.0%
3021 - Grant Income	8,940.00	0.00		8,940.00			8,940.00	8,940.00	100.0%
3022 - QC Crossing #2 Grant Income	700,528.03	-34,972.97	95.2%	0.00			700,528.03	735,501.00	95.2%
3023 - Prop 50 Grant Income	78,105.59	-11,894.41	86.8%	2,309,986.54	1,200,000.00	192.5%	2,309,986.54	1,200,000.00	192.5%
3035 - Cachuma Project Betterment Fund	1,811,656.29	-134,413.71	93.1%	4,286,286.68	3,475,848.00	123.3%	6,097,942.97	5,421,918.00	112.5%
Total 3000 REVENUE	1,811,656.29	-134,413.71	93.1%	4,286,286.68	3,475,848.00	123.3%	6,097,942.97	5,421,918.00	112.5%
Total Income	1,811,656.29	-134,413.71	93.1%	4,286,286.68	3,475,848.00	123.3%	6,097,942.97	5,421,918.00	112.5%
Gross Profit	1,811,656.29	-134,413.71	93.1%	4,286,286.68	3,475,848.00	123.3%	6,097,942.97	5,421,918.00	112.5%
Expense									
PAYROLL									
Gross	0.00	0.00		0.00			0.00	0.00	100.0%
Gross-FD	-0.07	0.00		0.00			-0.07	0.00	100.0%
Total PAYROLL	-0.07	0.00		0.00			0.00	0.00	0.0%
3100 - LABOR - OPERATIONS									
3101-B - Bereavement Leave	0.00			376.51			376.51	0.00	100.0%
3101-E - Engineer	0.00			0.00	-6,884.37	0.0%	0.00	-6,884.37	0.0%
3101-E1 - QC 2 RE Labor	0.00			61,959.55			61,959.55	61,959.55	100.0%
3101-E - Engineer - Other	0.00			61,959.55	-6,884.37	-900.0%	61,959.55	-6,884.37	-900.0%
Total 3101-E - Engineer	0.00			11,887.31			11,887.31	0.00	100.0%
3101-H - Holiday Leave	0.00			120.64			120.64	120.64	100.0%
3101-J - Jury Duty	0.00			11,009.70			11,009.70	11,009.70	100.0%
3101-S - Sick Leave	0.00			15,782.53			15,782.53	15,782.53	100.0%
3101-V - Vacation Leave	0.00			1,900.51			1,900.51	1,900.51	100.0%
3102 - Meter Reading	0.00			126,962.26			126,962.26	126,962.26	100.0%
3103 - SCC Ops	0.00			1,643.20			1,643.20	1,643.20	100.0%
3104 - Veh & Equip Mctc	0.00			2,675.76			2,675.76	2,675.76	100.0%
3105 - SCADA	0.00			3,990.08			3,990.08	3,990.08	100.0%
3106 - Rodent Bait	0.00								
3107 - NORTH PORTAL									
3107-1 - NP INTAKE TOWER	0.00			537.11			537.11	0.00	100.0%
3107-1a - Maintenance	0.00			677.68			677.68	0.00	100.0%
3107-1b - Cleaning	0.00			722.68			722.68	0.00	100.0%
3107-1f - Operations	0.00			1,937.47			1,937.47	0.00	100.0%
Total 3107-1 - NP INTAKE TOWER	0.00			1,937.47			1,937.47	0.00	100.0%
3107-2 - NP CONTROL STATION									
3107-2a - Maintenance	0.00			235.30			235.30	0.00	100.0%
3107-2b - Cleaning	0.00			314.19			314.19	0.00	100.0%
3107-2d - Weed Management	0.00			380.37			380.37	0.00	100.0%
3107-2f - Operations	0.00			375.93			375.93	0.00	100.0%
3107-2h - Inspection	0.00			125.70			125.70	0.00	100.0%
3107-2j - Rehabilitation	0.00			254.90			254.90	0.00	100.0%
Total 3107-2 - NP CONTROL STATION	0.00			1,686.39			1,686.39	0.00	100.0%
3107-3 - NP TECOLOTE TUNNEL									
3107-3e - Landscaping	0.00			96.51			96.51	0.00	100.0%
3107-3f - Operations	0.00			55.64			55.64	0.00	100.0%
3107-3h - Inspection	0.00			125.70			125.70	0.00	100.0%
Total 3107-3 - NP TECOLOTE TUNNEL	0.00			277.85			277.85	0.00	100.0%

ITEM#
 PAGE

36
 3

Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2011-March 2012

12:23 PM
04/17/12
Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget
Total 3107 - NORTH PORTAL	0.00			3,901.71			3,901.71		100.0%
3108 - GLEN ANNE									
3108-1 - GA SOUTH PORTAL									
3108-1a - Maintenance	0.00			321.18			321.18		100.0%
3108-1d - Weed Management	0.00			5,013.77			5,013.77		100.0%
3108-1g - Road	0.00			312.14			312.14		100.0%
3108-1h - Inspection	0.00			44.51			44.51		100.0%
Total 3108-1 - GA SOUTH PORTAL	0.00			5,691.60			5,691.60		100.0%
3108-2 - GA RESERVOIR									
3108-2d - Weed Management	0.00			2,069.44			2,069.44		100.0%
3108-2h - Inspection	0.00			175.42			175.42		100.0%
Total 3108-2 - GA RESERVOIR	0.00			2,244.86			2,244.86		100.0%
3108-3 - GA PUMP STATION									
3108-3a - Maintenance	0.00			20.53			20.53		100.0%
3108-3e - Landscaping	0.00			778.93			778.93		100.0%
Total 3108-3 - GA PUMP STATION	0.00			799.46			799.46		100.0%
3108-4 - GA TURNOUT									
3108-4d - Weed Management	0.00			4,260.04			4,260.04		100.0%
3108-4e - Landscaping	0.00			3,348.81			3,348.81		100.0%
3108-4f - Operations	0.00			226.12			226.12		100.0%
3108-4g - Road	0.00			118.23			118.23		100.0%
Total 3108-4 - GA TURNOUT	0.00			7,953.20			7,953.20		100.0%
Total 3108 - GLEN ANNE	0.00			16,689.12			16,689.12		100.0%
3109 - CORONA DEL MAR									
3109-1 - TURNOUT									
3109-1h - Inspection	0.00			94.28			94.28		100.0%
Total 3109-1 - TURNOUT	0.00			94.28			94.28		100.0%
Total 3109 - CORONA DEL MAR	0.00			94.28			94.28		100.0%
3110 - LAURO									
3110-1 - YARD									
3110-1a - Maintenance	0.00			18,351.37			18,351.37		100.0%
3110-1b - Cleaning	0.00			3,156.48			3,156.48		100.0%
3110-1d - Weed Management	0.00			445.30			445.30		100.0%
3110-1e - Landscaping	0.00			736.23			736.23		100.0%
3110-1g - Road	0.00			1,885.50			1,885.50		100.0%
3110-1h - Inspection	0.00			125.70			125.70		100.0%
3110-1j - Rehabilitation	0.00			866.97			866.97		100.0%
Total 3110-1 - YARD	0.00			25,567.55			25,567.55		100.0%
3110-2 - CONTROL STATION									
3110-2a - Maintenance	0.00			161.05			161.05		100.0%
3110-2b - Cleaning	0.00			217.15			217.15		100.0%
3110-2f - Operations	0.00			384.72			384.72		100.0%
3110-2h - Inspection	0.00			41.89			41.89		100.0%
Total 3110-2 - CONTROL STATION	0.00			804.81			804.81		100.0%
3110-3 - RESERVOIR									
3110-3a - Maintenance	0.00			72.38			72.38		100.0%
3110-3b - Cleaning	0.00			193.03			193.03		100.0%
3110-3d - Weed Management	0.00			2,399.54			2,399.54		100.0%
3110-3e - Landscaping	0.00			349.56			349.56		100.0%
3110-3f - Operations	0.00			125.70			125.70		100.0%
3110-3h - Inspection	0.00			265.58			265.58		100.0%

ITEM # 36
PAGE 4

Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2011-March 2012

	Fisheries			Operations			TOTAL		
	Jul '11 - Mar...	\$ Over Budg...	% of Budget	Jul '11 - Mar...	\$ Over Budg...	% of Budget	Jul '11 - Mar...	\$ Over Budg...	% of Budget
Total 3110-3 - RESERVOIR	0.00			3,405.79			3,405.79		100.0%
3110-4 - DEBRIS BASINS									
3110-4a - Maintenance	0.00			642.02			642.02		100.0%
3110-4b - Cleaning	0.00			439.95			439.95		100.0%
3110-4d - Weed Management	0.00			772.10			772.10		100.0%
3110-4f - Operations	0.00			408.53			408.53		100.0%
3110-4h - Inspection	0.00			217.74			217.74		100.0%
3110-4i - Engineering	0.00			378.32			378.32		100.0%
Total 3110-4 - DEBRIS BASINS	0.00			2,858.66			2,858.66		100.0%
Total 3110 - LAURO	0.00			32,636.81			32,636.81		100.0%
3111 - OFFICE									
3111-1 - CREW OFFICE	0.00			231.73			231.73		100.0%
3111-1j - Rehabilitation	0.00			231.73			231.73		100.0%
Total 3111-1 - CREW OFFICE	0.00			231.73			231.73		100.0%
Total 3111 - OFFICE	0.00			231.73			231.73		100.0%
3112 - SHEFFIELD									
3112-1 - CONTROL STATION	0.00			2,629.96			2,629.96		100.0%
3112-1a - Maintenance	0.00			141.02			141.02		100.0%
3112-1b - Cleaning	0.00			31.43			31.43		100.0%
3112-1h - Inspection	0.00			2,802.41			2,802.41		100.0%
Total 3112-1 - CONTROL STATION	0.00			2,802.41			2,802.41		100.0%
Total 3112 - SHEFFIELD	0.00			2,802.41			2,802.41		100.0%
3113 - ORTEGA									
3113-1 - CONTROL STATION	0.00			373.51			373.51		100.0%
3113-1a - Maintenance	0.00			176.48			176.48		100.0%
3113-1b - Cleaning	0.00			675.09			675.09		100.0%
3113-1f - Operations	0.00			31.43			31.43		100.0%
3113-1h - Inspection	0.00			359.69			359.69		100.0%
3113-1j - Rehabilitation	0.00			1,616.20			1,616.20		100.0%
Total 3113-1 - CONTROL STATION	0.00			1,616.20			1,616.20		100.0%
3113-2 - RESERVOIR	0.00			811.04			811.04		100.0%
3113-2a - Maintenance	0.00			1,246.20			1,246.20		100.0%
3113-2d - Weed Management	0.00			804.05			804.05		100.0%
3113-2f - Operations	0.00			231.09			231.09		100.0%
3113-2h - Inspection	0.00			3,092.38			3,092.38		100.0%
Total 3113-2 - RESERVOIR	0.00			4,708.58			4,708.58		100.0%
Total 3113 - ORTEGA	0.00			4,708.58			4,708.58		100.0%
3114 - BOUNDARY METER									
3114-1 - VAULT	0.00			86.42			86.42		100.0%
3114-1a - Maintenance	0.00			219.98			219.98		100.0%
3114-1j - Rehabilitation	0.00			306.40			306.40		100.0%
Total 3114-1 - VAULT	0.00			306.40			306.40		100.0%
Total 3114 - BOUNDARY METER	0.00			306.40			306.40		100.0%
3115 - CARPINTERIA									
3115-1 - CONTROL STATION	0.00			1,707.44			1,707.44		100.0%
3115-1a - Maintenance	0.00			120.64			120.64		100.0%
3115-1b - Cleaning	0.00			31.43			31.43		100.0%
3115-1h - Inspection	0.00			1,136.55			1,136.55		100.0%
3115-1i - Engineering	0.00			299.96			299.96		100.0%
3115-1j - Rehabilitation	0.00								

Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2011-March 2012

12:23 PM
04/17/12
Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget
Total 3115-1 - CONTROL STATION	0.00			3,296.02			3,296.02		100.0%
3115-2 - RESERVOIR									
3115-2a - Maintenance	0.00			620.64			620.64		100.0%
3115-2b - Cleaning	0.00			120.64			120.64		100.0%
3115-2d - Weed Management	0.00			544.82			544.82		100.0%
3115-2h - Inspection	0.00			397.10			397.10		100.0%
Total 3115-2 - RESERVOIR	0.00			1,683.20			1,683.20		100.0%
Total 3115 - CARPINTERIA	0.00			4,979.22			4,979.22		100.0%
3116 - GOLETA REACH									
3116-1 - STRUCTURES									
3116-1a - Maintenance	0.00			8,493.44			8,493.44		100.0%
3116-1d - Weed Management	0.00			249.50			249.50		100.0%
3116-1h - Inspection	0.00			157.13			157.13		100.0%
3116-1j - Rehabilitation	0.00			94.28			94.28		100.0%
Total 3116-1 - STRUCTURES	0.00			8,994.35			8,994.35		100.0%
3116-4 - CONDUIT									
3116-4h - Inspection	0.00			212.81			212.81		100.0%
Total 3116-4 - CONDUIT	0.00			212.81			212.81		100.0%
Total 3116 - GOLETA REACH	0.00			9,207.16			9,207.16		100.0%
3117 - CARPINTERIA REACH									
3117-1 - STRUCTURES									
3117-1a - Maintenance	0.00			12,674.78			12,674.78		100.0%
3117-1d - Weed Management	0.00			167.57			167.57		100.0%
3117-1h - Inspection	0.00			867.74			867.74		100.0%
3117-1j - Rehabilitation	0.00			12,113.31			12,113.31		100.0%
Total 3117-1 - STRUCTURES	0.00			25,823.40			25,823.40		100.0%
3117-3 - VALVES									
3117-3j - Rehabilitation	0.00			534.23			534.23		100.0%
Total 3117-3 - VALVES	0.00			534.23			534.23		100.0%
3117-4 - CONDUIT									
3117-4b - Cleaning	0.00			729.98			729.98		100.0%
Total 3117-4 - CONDUIT	0.00			729.98			729.98		100.0%
Total 3117 - CARPINTERIA REACH	0.00			27,087.61			27,087.61		100.0%
3150 - Health & Workers Comp	0.00			157,684.33			157,684.33		100.0%
3155 - PERS	0.00			60,013.02			60,013.02		100.0%
3160 - Ops Co FICA	0.00			22,944.11			22,944.11		100.0%
3165 - Ops Co Medicare	0.00			5,598.46			5,598.46		100.0%
3100 - LABOR - OPERATIONS - Other	0.00			0.00			0.00		0.0%
Total 3100 - LABOR - OPERATIONS	0.00			587,193.00			587,193.00		67.8%
3200 VEH & EQUIPMENT									
3201 - Vehicle/Equip Mtc	0.00			19,465.09			19,465.09		77.9%
3202 - Fixed Capital	0.00			1,500.48			1,500.48		15.0%
3203 - Equipment Rental	0.00			2,759.33			2,759.33		55.2%
3204 - Miscellaneous	0.00			4,455.65			4,455.65		89.1%
Total 3200 VEH & EQUIPMENT	0.00			28,180.55			28,180.55		62.6%
3300 - CONTRACT LABOR									
3301 - Conduit, Meter, Valve & Misc	0.00			4,387.30			4,387.30		36.6%
3302 - Buildings & Roads	0.00			11,929.24			11,929.24		59.6%
3303 - Reservoirs	0.00			1,943.00			1,943.00		19.4%
3304 - Engineering, Misc Services	0.00			20,754.12			20,754.12		69.2%
Total 3300 - CONTRACT LABOR	0.00			28,013.66			28,013.66		65.8%
3400 - Other									
3401 - Other	0.00			-7,612.70			-7,612.70		36.6%
3402 - Other	0.00			-8,070.76			-8,070.76		59.6%
3403 - Other	0.00			-8,057.00			-8,057.00		19.4%
3404 - Other	0.00			-9,245.88			-9,245.88		69.2%
Total 3400 - Other	0.00			-33,086.34			-33,086.34		62.2%
TOTAL									
				865,532.63			865,532.63		67.8%
				-5,534.91			-5,534.91		77.9%
				-8,499.52			-8,499.52		15.0%
				-2,240.67			-2,240.67		55.2%
				4,455.65			4,455.65		89.1%
				-16,819.45			-16,819.45		62.6%
				12,000.00			12,000.00		36.6%
				20,000.00			20,000.00		59.6%
				10,000.00			10,000.00		19.4%
				30,000.00			30,000.00		69.2%

ITEM # 36
PAGE 6

Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2011-March 2012

12:23 PM
04/17/12
Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget
Total 3300 - CONTRACT LABOR	0.00			39,013.66	72,000.00	54.2%	39,013.66	72,000.00	54.2%
3400 - MATERIALS & SUPPLIES									
3401 - Conduit, Meter, Valve & Misc	0.00			2,264.87	25,000.00	9.1%	2,264.87	25,000.00	9.1%
3402 - Buildings & Roads	0.00			7,540.38	12,000.00	62.8%	7,540.38	12,000.00	62.8%
3403 - Reservoirs	0.00			2,602.48	10,000.00	26.0%	2,602.48	10,000.00	26.0%
Total 3400 - MATERIALS & SUPPLIES	0.00			12,407.73	47,000.00	26.4%	12,407.73	47,000.00	26.4%
3500 - OTHER EXPENSES									
3501 - Utilities	0.00			3,934.55	6,800.00	57.9%	3,934.55	6,800.00	57.9%
3502 - Uniforms	0.00			4,770.47	4,500.00	106.0%	4,770.47	4,500.00	106.0%
3503 - Communications	0.00			12,395.58	20,000.00	62.0%	12,395.58	20,000.00	62.0%
3504 - USA & Other Services	0.00			777.00	4,000.00	19.4%	777.00	4,000.00	19.4%
3505 - Miscellaneous	0.00			8,147.83	8,000.00	101.8%	8,147.83	8,000.00	101.8%
3506 - Training	0.00			4,283.77	3,000.00	142.8%	4,283.77	3,000.00	142.8%
Total 3500 - OTHER EXPENSES	0.00			34,309.20	46,300.00	74.1%	34,309.20	46,300.00	74.1%
4000 - Reconciliation Discrepancies	0.00			0.01	0.00	0.01	0.01	0.00	100.0%
4100 - LABOR - FISHERIES									
4101 - Senior Resource Scientist	0.00			0.00	0.00	0.0%	0.00	0.00	0.0%
4101-1 - QC 2 Project Administration	0.00			5,148.47	5,148.47	100.0%	5,148.47	5,148.47	100.0%
4101-2 - QC 2 Permit Writing/Admin	0.00			-132.01	-132.01	100.0%	-132.01	-132.01	100.0%
4101 - Senior Resource Scientist - Other	62,024.45	91,529.00	67.8%	0.00	-29,504.55	67.8%	62,024.45	91,529.00	67.8%
Total 4101 - Senior Resource Scientist	62,024.45	86,248.52	71.9%	0.00	-24,224.07	71.9%	62,024.45	86,248.52	71.9%
4102 - Project Biologist									
4102-1 - QC 2 Bio Monitoring	0.00			5,821.26	5,821.26	100.0%	5,821.26	5,821.26	100.0%
4102 - Project Biologist - Other	62,156.48	86,565.00	71.8%	0.00	-24,408.52	71.8%	62,156.48	86,565.00	71.8%
Total 4102 - Project Biologist	62,156.48	80,743.74	77.0%	0.00	-18,587.26	77.0%	62,156.48	80,743.74	77.0%
4103 - Biologist									
4103-1 - QC 2 Bio Monitoring	0.00			5,821.26	5,821.26	100.0%	5,821.26	5,821.26	100.0%
4103 - Biologist - Other	49,717.91	67,657.00	73.5%	0.00	-17,939.09	73.5%	49,717.91	67,657.00	73.5%
Total 4103 - Biologist	49,717.91	61,835.74	80.4%	0.00	-12,117.83	80.4%	49,717.91	61,835.74	80.4%
4112 - Seasonal Aide - SH	7,766.50	11,000.00	70.6%	0.00	-3,233.50	70.6%	7,766.50	11,000.00	70.6%
4113 - Seasonal Aide - KL	11,099.13	11,000.00	100.9%	0.00	99.13	100.9%	11,099.13	11,000.00	100.9%
4114 - Seasonal Aide - JG	1,998.00	6,000.00	33.3%	0.00	-4,002.00	33.3%	1,998.00	6,000.00	33.3%
4115 - Seasonal Aide - RK	2,973.38	6,000.00	49.6%	0.00	-3,026.62	49.6%	2,973.38	6,000.00	49.6%
4116 - Seasonal Aide - DR	2,470.51	6,000.00	41.2%	0.00	-3,529.49	41.2%	2,470.51	6,000.00	41.2%
4150 - FD Health & WC	65,277.20	76,315.00	85.6%	0.00	-11,037.80	85.6%	65,277.20	76,315.00	85.6%
4151 - FD PERS	34,944.80	44,296.00	78.9%	0.00	-9,351.20	78.9%	34,944.80	44,296.00	78.9%
4152 - FD Co FICA	14,676.37	16,700.00	87.9%	0.00	-2,023.63	87.9%	14,676.37	16,700.00	87.9%
4153 - FD Co Medicare	3,432.39	2,100.00	163.4%	0.00	1,332.39	163.4%	3,432.39	2,100.00	163.4%
Total 4100 - LABOR - FISHERIES	318,537.12	408,239.00	78.0%	0.00	-89,701.88	78.0%	318,537.12	408,239.00	78.0%
4200 - VEHICLES & EQUIP - FISHERIES									
4270 - Vehicle/Equip Mtc	9,616.61	13,000.00	74.0%	0.00	-3,383.39	74.0%	9,616.61	13,000.00	74.0%
4280 - Fixed Capital	966.72	30,000.00	3.2%	0.00	-29,033.28	3.2%	966.72	30,000.00	3.2%
4290 - Miscellaneous	865.30	2,500.00	34.6%	0.00	-1,634.70	34.6%	865.30	2,500.00	34.6%
Total 4200 - VEHICLES & EQUIP - FISHERIES	11,448.63	45,500.00	25.2%	0.00	-34,051.37	25.2%	11,448.63	45,500.00	25.2%
4220 - CONTRACT LABOR - FISHERIES									
4221 - Meters & Valves	0.00	3,000.00	0.0%	0.00	-3,000.00	0.0%	0.00	3,000.00	0.0%
4222 - Fish Projects Maintenance	8,925.16	15,000.00	59.5%	0.00	-6,074.84	59.5%	8,925.16	15,000.00	59.5%
Total 4220 - CONTRACT LABOR - FISHERIES	8,925.16	18,000.00	49.6%	0.00	-9,074.84	49.6%	8,925.16	18,000.00	49.6%
4300 - MATERIALS/SUPPLIES - FISHERIES									
4390 - Miscellaneous	520.96	6,000.00	8.7%	0.00	-5,479.04	8.7%	520.96	6,000.00	8.7%
Total 4300 - MATERIALS/SUPPLIES - FISHERIES	520.96	6,000.00	8.7%	0.00	-5,479.04	8.7%	520.96	6,000.00	8.7%
4500 - OTHER EXPENSES - FISHERIES									

ITEM# 36
PAGE 7

**Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures**

Budget vs. Actuals - July 2011-March 2012

12:23 PM

04/17/12

Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget
4502 - Uniforms	1,190.05	2,500.00	47.6%	0.00	0.00	0.00	1,190.05	2,500.00	47.6%
Total 4500 - OTHER EXPENSES - FISHERIES	1,190.05	2,500.00	47.6%	0.00	0.00	0.00	1,190.05	2,500.00	47.6%
4999 - GENERAL & ADMINISTRATIVE									
5000 - Director Fees	0.00			773.57			773.57	0.00	100.0%
5001 - Director Mileage	0.00			9,984.00			9,984.00	-2,016.00	83.2%
5000 - Director Fees - Other	0.00								
Total 5000 - Director Fees	0.00	0.00	0.00	10,757.57	12,000.00	89.6%	10,757.57	12,000.00	89.6%
5100 - Legal	0.00			76,396.10			76,396.10	1,396.10	101.9%
5101-1 - Audit	0.00			15,218.35			15,218.35	117.1%	117.1%
5200 - Liability Insurance	0.00			41,276.90			41,276.90	30,800.00	134.0%
5201 - Health & Workers Comp	0.00			78,706.26			78,706.26	143,790.00	54.7%
5250 - PERS	0.00			37,355.50			37,355.50	48,334.00	77.3%
5260 - Company FICA Admin	0.00			13,600.95			13,600.95	17,632.00	77.1%
5265 - Company MCARE Admin	0.00			3,198.59			3,198.59	4,123.00	77.6%
5300 - Manager Salary	0.00			86,154.00			86,154.00	112,000.00	76.9%
5301 - Administrative Manager	0.00			51,058.82			51,058.82	67,339.00	75.8%
5304 - Administrative Secretary	0.00			29,840.67			29,840.67	38,648.00	77.2%
5306 - Administrative Assistant	0.00			31,875.51			31,875.51	41,595.00	76.6%
5310 - Postage/Office Exp	0.00			4,403.32			4,403.32	11,200.00	39.3%
5311 - Office Equip/Leases	0.00			7,359.24			7,359.24	9,800.00	75.1%
5312 - Misc Admin Expenses	0.00			5,244.76			5,244.76	12,000.00	43.7%
5313 - Communications	0.00			6,728.23			6,728.23	8,400.00	80.1%
5314 - Utilities	0.00			7,635.93			7,635.93	8,500.00	89.8%
5315 - Membership Dues	0.00			5,776.09			5,776.09	7,295.00	79.2%
5316 - Admin Fixed Assets	0.00			0.00			0.00	5,000.00	0.0%
5318 - Computer Consultant	0.00			14,689.57			14,689.57	17,500.00	84.0%
5325 - Emp Training/Subscriptions	0.00			1,504.36			1,504.36	3,000.00	50.1%
5330 - Admin Travel/Conferences	0.00			106.58			106.58	3,000.00	3.6%
5331 - Public Information	0.00			503.03			503.03	1,000.00	50.3%
5332 - Transportation	0.00			2,602.58			2,602.58	1,000.00	260.3%
5333 - Relocation Expense	0.00			9,489.56			9,489.56	14,000.00	67.8%
5390 - MURRP Interest Expense	0.00			0.00			0.00	20,000.00	0.0%
Total 4999 - GENERAL & ADMINISTRATIVE	0.00	725,956.00	74.6%	541,492.47	725,956.00	74.6%	541,492.47	725,956.00	74.6%
5400 - GENERAL & ADMIN - FISHERIES									
5401 - Health & Workers Comp	19,689.27	43,099.00	45.7%	0.00			19,689.27	43,099.00	45.7%
5402 - CalPERS	15,868.47	20,716.00	76.6%	0.00			15,868.47	20,716.00	76.6%
5403 - Company Fica	5,828.87	7,566.00	77.1%	0.00			5,828.87	7,566.00	77.1%
5404 - Admin Secretary	12,788.93	16,563.00	77.2%	0.00			12,788.93	16,563.00	77.2%
5405 - GM Salary	36,923.00	48,000.00	76.9%	0.00			36,923.00	48,000.00	76.9%
5406 - Company MCare	1,370.83	1,765.00	77.7%	0.00			1,370.83	1,765.00	77.7%
5407 - Legal - FD	19,572.00	25,000.00	78.3%	0.00			19,572.00	25,000.00	78.3%
5408 - Administrative Manager	0.00			0.00			0.00	-2,363.62	0.0%
5408-1 - QC 2 Contract Administration	22,199.57	28,860.00	76.9%	0.00			22,199.57	28,860.00	76.9%
5408 - Administrative Manager - Other	0.00			0.00			0.00	-6,660.43	0.0%
Total 5408 - Administrative Manager	22,199.57	26,476.38	83.8%	0.00	0.00	0.00	22,199.57	26,476.38	83.8%
5409 - Administrative Assistant									
5409-1 - QC 2 Contract Administration	0.00			0.00			0.00	0.00	0.0%
5409 - Administrative Assistant - Other	13,911.87	17,827.00	78.0%	0.00			13,911.87	17,827.00	78.0%
Total 5409 - Administrative Assistant	13,911.87	17,827.00	78.0%	0.00	0.00	0.00	13,911.87	17,827.00	78.0%
5410 - Postage / Office Supplies									
5411 - Office Equipment / Leases	3,185.56	4,800.00	66.4%	0.00			3,185.56	4,800.00	66.4%
5412 - Misc. Admin Expense	3,124.86	4,200.00	74.4%	0.00			3,124.86	4,200.00	74.4%
5413 - Communications	2,382.02	6,000.00	39.7%	0.00			2,382.02	6,000.00	39.7%
5414 - Utilities	2,963.09	3,600.00	82.3%	0.00			2,963.09	3,600.00	82.3%
5415 - Membership Dues	3,214.05	4,500.00	71.4%	0.00			3,214.05	4,500.00	71.4%
5416 - Admin Fixed Assets	2,478.46	2,791.00	88.8%	0.00			2,478.46	2,791.00	88.8%
5418 - Computer Consultant	0.00			0.00			0.00	-5,000.00	0.0%
	6,349.36	7,500.00	84.7%	0.00			6,349.36	7,500.00	84.7%

ITEM# 36
PAGE 8

**Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures**

Accrual Basis

Budget vs. Actuals - July 2011-March 2012

	Fisheries			Operations			TOTAL		
	Jul '11 - Mar...	\$ Over Budg...	% of Budget	Jul '11 - Mar...	\$ Over Budg...	% of Budget	Jul '11 - Mar...	\$ Over Budg...	% of Budget
	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Budget
5425 - Employee Education/Subsription	888.71	-2,111.29	29.6%	0.00	0.00	0.0%	888.71	-2,111.29	29.6%
5430 - Travel	1,603.98	-1,396.02	53.5%	0.00	-1,396.02	0.0%	1,603.98	-1,396.02	53.5%
5431 - Public Information	215.53	-784.47	21.6%	0.00	-784.47	0.0%	215.53	-784.47	21.6%
5432 - Transportation	1,166.94	166.94	116.7%	0.00	166.94	14.3%	1,166.94	166.94	116.7%
5433 - Relocation Expense - GM	4,066.94	-1,933.06	67.8%	0.00	-1,933.06	0.0%	4,066.94	-1,933.06	67.8%
5441 - Audit	6,522.15	522.15	108.7%	0.00	522.15	8.0%	6,522.15	522.15	108.7%
5443 - Liab & Property Ins	17,690.10	4,490.10	134.0%	0.00	4,490.10	25.4%	17,690.10	4,490.10	134.0%
5490 - Fish Projects Interest Expense	0.00	-14,930.00	0.0%	0.00	-14,930.00	0.0%	0.00	-14,930.00	0.0%
Total 5400 - GENERAL & ADMIN - FISHERIES	204,004.56	-89,518.82	69.5%	0.00	-89,518.82	0.0%	204,004.56	-89,518.82	69.5%
5510 - Integrated Reg. Water Mgt Plan	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5513 - Cost / Benefit Analysis	0.00	0.00	0.0%	0.00	-25,000.00	0.0%	0.00	-25,000.00	0.0%
6000 - SPECIAL PROJECTS	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6062 - SCADA	0.00	0.00	0.0%	1,028.93	-17,471.07	5.6%	1,028.93	-17,471.07	5.6%
6090-1 - COMB Bldg/Grounds Repair	0.00	0.00	0.0%	3,753.12	-26,246.88	12.5%	3,753.12	-26,246.88	12.5%
6092 - SCC Improv Plan & Design	0.00	0.00	0.0%	2,945.98	-47,054.02	5.9%	2,945.98	-47,054.02	5.9%
6096 - SCC Structure Rehabilitation	0.00	0.00	0.0%	29,104.16	-8,395.84	77.6%	29,104.16	-8,395.84	77.6%
6097 - GIS and Mapping	0.00	0.00	0.0%	3,115.18	-6,884.82	31.2%	3,115.18	-6,884.82	31.2%
6101 - SCC Emergency Pipeline Repairs	0.00	0.00	0.0%	59,119.72	-145,880.28	28.8%	59,119.72	-145,880.28	28.8%
6102 - Lauro Debris Basin Maintenance	0.00	0.00	0.0%	77,232.00	1,057.00	101.4%	77,232.00	1,057.00	101.4%
6103 - SCCMURRP	0.00	0.00	0.0%	2,246,858.34	1,046,858.34	187.2%	2,246,858.34	1,046,858.34	187.2%
Total 6000 - SPECIAL PROJECTS	0.00	0.00	0.0%	2,423,157.43	795,982.43	148.9%	2,423,157.43	795,982.43	148.9%
6200 - FISHERIES ACTIVITIES	9,986.47	-111,513.53	8.2%	0.00	-111,513.53	0.0%	9,986.47	-111,513.53	8.2%
6201 - FMP Implementation	5,566.57	-4,433.43	55.7%	0.00	-4,433.43	0.0%	5,566.57	-4,433.43	55.7%
6202 - GIS and Mapping	0.00	-10,000.00	0.0%	0.00	-10,000.00	0.0%	0.00	-10,000.00	0.0%
6203 - Grants Technical Support	883.84	-24,316.16	2.7%	0.00	-24,316.16	0.0%	883.84	-24,316.16	2.7%
6204 - SYR Hydrology Technical Support	55,462.50	-19,537.50	74.0%	0.00	-19,537.50	0.0%	55,462.50	-19,537.50	74.0%
6205 - USGS Stream Gauge Program	0.00	-5,000.00	0.0%	0.00	-5,000.00	0.0%	0.00	-5,000.00	0.0%
6206 - Tri County Fish Team Funding	55,158.00	-24,842.00	68.9%	0.00	-24,842.00	0.0%	55,158.00	-24,842.00	68.9%
6207 - Oak Tree Restoration Program	0.00	-8,000.00	0.0%	0.00	-8,000.00	0.0%	0.00	-8,000.00	0.0%
6208 - Legislative & Steelhead Funding	22,207.73	-25,792.27	46.3%	0.00	-25,792.27	0.0%	22,207.73	-25,792.27	46.3%
6209 - SYR Riverware Model Peer Review	149,065.11	-233,434.89	39.0%	0.00	-233,434.89	0.0%	149,065.11	-233,434.89	39.0%
Total 6200 - FISHERIES ACTIVITIES	9,986.47	-111,513.53	8.2%	0.00	-111,513.53	0.0%	9,986.47	-111,513.53	8.2%
6300 - HABITAT ENHANCEMENT	21,657.04	-11,342.96	65.6%	0.00	-11,342.96	0.0%	21,657.04	-11,342.96	65.6%
6303 - Tributary Projects Support	0.00	-2,000.00	0.0%	0.00	-2,000.00	0.0%	0.00	-2,000.00	0.0%
6304 - Engineering Designs - QC	0.00	-11,342.96	0.0%	0.00	-11,342.96	0.0%	0.00	-11,342.96	0.0%
6306 - Jalama Repair Design	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6307 - Quiona Creek Crossing #2	6,884.37	0.00	100.0%	0.00	0.00	0.0%	6,884.37	0.00	100.0%
6307-1 - Labor	5,148.47	0.00	100.0%	0.00	0.00	0.0%	5,148.47	0.00	100.0%
6307-1a - Resident Engineer	2,383.62	0.00	100.0%	0.00	0.00	0.0%	2,383.62	0.00	100.0%
6307-1b - Project Administrator	132.01	0.00	100.0%	0.00	0.00	0.0%	132.01	0.00	100.0%
6307-1c - Contract Administration	11,642.52	0.00	100.0%	0.00	0.00	0.0%	11,642.52	0.00	100.0%
6307-1d - Permit Writing / Administration	26,190.99	0.00	100.0%	0.00	0.00	0.0%	26,190.99	0.00	100.0%
6307-1e - Biological Monitoring	46,860.73	2,860.73	106.5%	0.00	2,860.73	0.0%	46,860.73	2,860.73	106.5%
Total 6307-1 - Labor	172,312.64	2,860.73	107.8%	0.00	2,860.73	0.0%	172,312.64	2,860.73	107.8%
6307-2 - Design, Pemtg, Testing, Ovrstie	43,000.00	12,512.64	148.3%	0.00	12,512.64	0.0%	43,000.00	12,512.64	148.3%
6307-3 - Bottomless Arched Culvert	29,000.00	14,000.00	148.3%	0.00	14,000.00	0.0%	29,000.00	14,000.00	148.3%
6307-4 - Mobilization	30,500.00	9,764.00	147.1%	0.00	9,764.00	0.0%	30,500.00	9,764.00	147.1%
6307-5 - Demolition, Disposal	15,192.25	-12,117.75	55.6%	0.00	-12,117.75	0.0%	15,192.25	-12,117.75	55.6%
6307-6 - Install, O & M Dewatering Sys	12,638.06	4,868.06	162.7%	0.00	4,868.06	0.0%	12,638.06	4,868.06	162.7%
6307-7 - Erosion Cntrl - Revegetation	17,325.00	-17,973.00	49.1%	0.00	-17,973.00	0.0%	17,325.00	-17,973.00	49.1%
6307-8 - Site Ex. Stockpiling, Mat Prep	7,345.00	-14,921.00	33.0%	0.00	-14,921.00	0.0%	7,345.00	-14,921.00	33.0%
6307-9 - Over Ex. Footing Prep	40,000.00	2,120.00	105.6%	0.00	2,120.00	0.0%	40,000.00	2,120.00	105.6%
6307-10 - Construct CIP Footing Prep	30,000.00	-48.00	99.8%	0.00	-48.00	0.0%	30,000.00	-48.00	99.8%
6307-11 - Install Prefab Arched Sys	47,000.00	7,360.00	118.6%	0.00	7,360.00	0.0%	47,000.00	7,360.00	118.6%
6307-12 - Road Embkmt Fill, Cmpct, Grad	20,880.00	7,710.00	158.5%	0.00	7,710.00	0.0%	20,880.00	7,710.00	158.5%
6307-13 - Rd base impmt, prep, grading	26,400.00	968.00	103.8%	0.00	968.00	0.0%	26,400.00	968.00	103.8%
6307-14 - Install Asphaltic Cnct Pmnt	58,470.90	-26,889.10	68.5%	0.00	-26,889.10	0.0%	58,470.90	-26,889.10	68.5%
6307-15 - Install Grdral, Bridgerail sys									

**Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures**

Budget vs. Actuals - July 2011-March 2012

	Fisheries			Operations			TOTAL		
	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget	Jul '11 - Mar...	Budget	% of Budget
6307-16 · Apply Bridge Coating Sys	7,000.00	16,000.00	43.8%	0.00	0.00	0.00%	7,000.00	16,000.00	43.8%
6307-17 · Construct Rock Weir	24,400.00	35,427.00	68.9%	0.00	0.00	0.00%	24,400.00	35,427.00	68.9%
6307-18 · Construct Rock Riffles	44,080.00	51,922.00	84.9%	0.00	0.00	0.00%	44,080.00	51,922.00	84.9%
6307-19 · Install Rock Slope Protection	30,900.00	32,748.00	94.4%	0.00	0.00	0.00%	30,900.00	32,748.00	94.4%
6307-20 · Perform Finish Grading	12,000.00	5,648.00	212.5%	0.00	0.00	0.00%	12,000.00	5,648.00	212.5%
6307-21 · Cattle Exclusion Fencing	1,183.00	1,200.00	98.6%	0.00	0.00	0.00%	1,183.00	1,200.00	98.6%
6307-22 · Replace Existing Fence	5,647.87	4,346.00	130.0%	0.00	0.00	0.00%	5,647.87	4,346.00	130.0%
6307-23 · Site Clean-up and Demobilizatio	1,050.00	10,500.00	10.0%	0.00	0.00	0.00%	1,050.00	10,500.00	10.0%
6307 · Quiota Creek Crossing #2 - Other	0.00	0.00	0.00%	0.00	0.00	0.00%	0.00	0.00	0.00%
Total 6307 · Quiota Creek Crossing #2	720,376.44	761,691.99	94.6%	0.00	0.00	0.00%	720,376.44	761,691.99	94.6%
6310 · Cross Creek Ranch weir repair	8,940.00	0.00	0.00%	0.00	0.00	0.00%	8,940.00	0.00	100.0%
Total 6300 · HABITAT ENHANCEMENT	750,973.48	796,691.99	94.3%	0.00	0.00	0.00%	750,973.48	796,691.99	94.3%
9600 · Extraordinary Items - reorg	0.00	0.00	0.00%	0.00	0.00	0.00%	0.00	0.00	0.00%
Total Expense	1,444,665.00	1,952,954.37	74.0%	3,665,754.12	3,468,963.63	105.7%	5,110,419.12	5,421,918.00	94.3%
Net Income	366,991.29	-6,864.37	-5,330.8%	620,532.56	6,864.37	9,013.6%	987,523.85	0.00	100.0%

ITEM # 36
PAGE 10

**SANTA BARBARA
BANK & TRUST**

P.O. Box 60839, Santa Barbara, CA 93160-0839

6666

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

Banking Statement

Statement Period: 03/01/2012 to 03/31/2012

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

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

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Business Money Market

Checking Summary

Cachuma Operation & Maintenance Board

Master Contract Renewal Fund

Account Number	102335072
Interest Paid YTD	52.98
Interest Paid Last Year	47.87

Deposit Account Recap

Beginning Balance as of	
March 1, 2012	10,127.34
1 Deposits (Plus)	1.72
Ending Balance as of	
March 31, 2012	10,129.06
Interest Paid	1.72

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Bruce A. Mowry, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of March, 2012, 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.

Bruce Mowry
Secretary

ITEM # 36
PAGE 11

**SANTA BARBARA
BANK & TRUST**

P.O. Box 60839, Santa Barbara, CA 93160-0839

6667
Cachuma Operation & Maintenance Board
Cachuma Project Trust Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement	
Statement Period.	03/01/2012 to 03/31/2012

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

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

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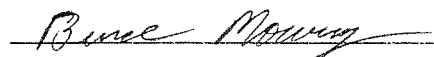
Public Capital Tiered MMDA	
Checking Summary	
Cachuma Operation & Maintenance Board	
Cachuma Project Trust Fund	
Account Number	102335080
Interest Paid YTD	44.30
Interest Paid Last Year	383.00
Deposit Account Recap	
Beginning Balance as of	
March 1, 2012	54,413.97
1 Deposits (Plus)	13.87
Ending Balance as of	
March 31, 2012	54,427.84
Interest Paid	13.87

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Bruce A. Mowry, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of March, 2012, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all Santa Barbara Bank & Trust investments of this agency for the period indicated.


Secretary

ITEM # 36
PAGE 12

Local Agency Investment Fund

P.O. Box 942809

Sacramento, CA 94209-0001

(916) 653-3001

CACHUMA OPERATION AND MAINTENANCE BOARD

GENERAL MANAGER

3301 LAUREL CANYON ROAD

SANTA BARBARA, CA 93105-2017

www.treasurer.ca.gov/pmia

-laif

April 11, 2012

PMIA Average Monthly Yields

Transactions

Tran Type Definitions

March 2012 Statement

Account Summary

Total Deposit:	0.00	Beginning Balance:	3,864.99
Total Withdrawal:	0.00	Ending Balance:	3,864.99

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Bruce A. Mowry, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of March, 2012, 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.

Bruce Mowry
Secretary

ITEM # 36
PAGE 13

comb2
Payment of Claims
As of March 31, 2012

	Date	Num	Name	Memo	Amount
1050 · GEN FUND					
	03/08/2012	20718	A-OK Mower Shops, Inc.	Chain sharpening	-130.00
	03/08/2012	20719	Acorn Landscape Management Co.	Scheduled mtce	-260.77
	03/08/2012	20720	ACWA Health Benefits Auth. (HBA)	4/1-5/1/12 coverage	-21,335.52
	03/08/2012	20721	ACWA Health Benefits Authority (HBA)	Apr EAP	-53.10
	03/08/2012	20722	All-Cal Equipment Service, Inc.	Annual inspection-NP crane	-250.00
	03/08/2012	20723	Aqua-Flo Supply	Cement/primer/pvc/septic tank/couplings/pipes	-4,007.07
	03/08/2012	20724	AT&T	Feb statement	-395.54
	03/08/2012	20725	Balance Hydrologics, Inc.	SYR Model Peer Review Dec-Jan, Jan-Feb	-5,525.58
	03/08/2012	20726	Cachuma Cons. Release Board	Audit reimb FY 10/11-transfer of fish program	-6,749.00
	03/08/2012	20727	CDPH-OCP	Grade 3 Dist Cert Renewal-FB	-120.00
	03/08/2012	20728	CIO Solutions, LP	Maintain IT/Postini	-1,945.00
	03/08/2012	20729	City of Santa-Barbara	Refuse/recycle 1/30-2/28/12	-179.78
	03/08/2012	20730	City of Santa Barbara-Central Stores	Boots/gloves/towels/insoles/rain jackets/safety ves	-465.03
	03/08/2012	20731	Coastal Copy, LP	Mtce agmt KM-4035/TASKalpha	-155.75
	03/08/2012	20732	County of Santa--Barbara	Green waste	-28.00
	03/08/2012	20733	Crop Production Services, Inc	Rodent bait	-121.07
	03/08/2012	20734	Culligan Water	RO system Mar	-24.95
	03/08/2012	20735	Dale Francisco	Feb mtg fees	-132.60
	03/08/2012	20736	Dennis E. Beebe	Feb mtg fees	-159.47
	03/08/2012	20737	ECHO Communications	Answering service	-64.92
	03/08/2012	20738	GE Capital	Lease agmt KM-C4035E Billing ID#90133933786	-494.57
	03/08/2012	20739	HDR Engineering, Inc.	BO/FMP Implementation-tech support/El Jaro San Julian O&M tech support/Quiota Crk Psg program design support	-1,230.52
	03/08/2012	20740	Home Depot Credit Services	Utility knife-GM vehicle	-10.74
	03/08/2012	20741	Laser Cartridge Co.	Cartridge recharge 4600	-139.75
	03/08/2012	20742	Lauren W. Hanson	Feb mtg fees	-267.10
	03/08/2012	20743	MarBorg Industries	Portable toilets	-338.30
	03/08/2012	20744	MarVac Electronics	Batteries-SCADA	-237.05
	03/08/2012	20745	Melinda L. Fournier	Oak Tree Restoration Program-Feb	-4,789.00
	03/08/2012	20746	Musick, Peeler & Garrett LLP	General Counsel-Jan	-13,645.70
	03/08/2012	20747	Nargan Fire & Safety, Inc.	Extinguisher service/training	-180.00
	03/08/2012	20748	Nextel Communications	Cellular	-517.63
	03/08/2012	20749	Northern Safety Co. Inc.	Safety vests/hardhats PO#9087	-202.35
	03/08/2012	20750	O'Reilly Automotive, Inc.	Tail light/anti-freeze	-54.03
	03/08/2012	20751	PAPA	Seminars-FB/SK/JS/DN-Oxnard Jun/Nov	-640.00
	03/08/2012	20752	Powell Garage	Ford F350 service	-195.12
	03/08/2012	20753	Power Maintenance Corp.	Mtce contract UPS system-Lake Cachuma (2 yrs)	-1,300.00
	03/08/2012	20754	Praxair Distribution, Inc	Cylinder rental	-60.45
	03/08/2012	20755	Prudential Overall Supply	Mats	-135.48
	03/08/2012	20756	Republic Elevator Co.	Scheduled mtce-NP elevator	-278.12
	03/08/2012	20757	Reserve Account	Postage refill	-400.00
	03/08/2012	20758	Robert R. Lieberknecht	Feb mtg fees	-143.70
	03/08/2012	20759	S & J Sales	Ferrups remote control for SCADA battery	-365.19
	03/08/2012	20760	Santa Barbara Police Department	Renewal-Security Alarm Reg#6439	-40.00
	03/08/2012	20761	Santa Barbara Sand & Top Soil Corp.	Gravel-MURRP	-576.58
	03/08/2012	20762	SB Home Improvement Center	Paint brushes for structure mtce	-19.49
	03/08/2012	20763	Southern California Edison	Main ofc/outlying stations	-1,180.88
	03/08/2012	20764	Staples Credit Plan	Office Supplies	-789.43
	03/08/2012	20765	State Compensation Insurance Fund	Payroll Report Feb 2012	-4,805.19
	03/08/2012	20766	Underground Service Alert of So. Calif.	New ticket charges	-48.00
	03/08/2012	20767	Verizon California	Main ofc/outlying stations	-459.81
	03/08/2012	20768	W. Douglas Morgan	Feb mtg fees	-278.20
	03/12/2012	20769	SCE-Southern California Edison	Relocate facilities pole-1700 Glen Anne Rd (gate)	-20,754.12
	03/14/2012	20770	ACWA/Joint Powers Insurance Authority	Property Program 4/1/12-4/1/13	-4,374.00
	03/14/2012	20771	COMB - Revolving Fund	Mar payrolls/taxes-add'l	-10,000.00
	03/14/2012	20772	Cox Communications	Business internet Mar	-195.00
	03/14/2012	20774	David Baum	Reimb-steel toe boots	-120.00
	03/14/2012	20775	Frazee Paint	Paint supplies	-51.94
	03/14/2012	20776	GE Capital	Lease agmt TASKalfa Billing ID#90136047559	-133.61
	03/14/2012	20777	Hydrex Pest Control Co.	Ant/pest control	-84.00
	03/14/2012	20778	Pacific Coast Jiffy Lube	Service-Silverado	-74.79
	03/14/2012	20779	Paychex, Inc.	2/17, 3/2 payrolls/taxes	-292.42

comb2
Payment of Claims
 As of March 31, 2012

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
03/14/2012	20780	Sherwin Williams Co.	Paint supplies	-210.28
03/14/2012	20781	Southern California Edison	Corona-Glen Anne Rd/Glen Anne gate	-45.52
03/14/2012	20782	SWRCB	Permit registration-discharge storm water	-621.00
03/14/2012	20783	Verizon Wireless	Cellular	-218.98
03/14/2012	20784	Wright Express Fleet Services	Fuel	-4,145.75
03/14/2012	20785	Scott Volan	Reimb-Hotel/meals/mileage-Env conf-San Diego	-401.58
03/14/2012	20786	Southern California Edison	Foothill Rd	-29.52
03/14/2012	20787	Verizon California	SCADA	-522.29
03/14/2012	20788	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP	-2,626.00
03/14/2012	20789	HDR Engineering, Inc.	El Jaro San Julian O&M tech supp	-505.81
03/20/2012	20790	C.U. Technology Transfer Office	RiverWare License Renewal-12 months	-3,300.00
03/20/2012	20791	J&C Services	Cleaning services 2/10,17,24, 3/2	-600.00
03/26/2012	20792	Business Card	BM-mulch/meals-mtg/airport parking/phone case/ Salmonid conf & workshops	-1,357.35
03/26/2012	20793	Scott Engblom	Reimb-wiper blades/tools for trucks/sandbags	-87.22
03/26/2012	20794	The Gas Company	Main ofc	-58.41
03/28/2012	20795	Business Card	JG-webhost/No fishing signs-Quiota Crk xng 2	-1,009.75
03/28/2012	20796	Cardno ENTRIX	Task Mgt/File mtce/BO Comp tasks/support-Jan	-432.75
03/29/2012	20797	COMB-Petty Cash	Replenish petty cash	-257.14
Total 1050 · GENERAL FUND				<u>-128,434.76</u>
				<u><u>-128,434.76</u></u>

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date: 4/23/2012
Submitted by: Janet Gingras
Approved by: Bruce Mowry

SUBJECT: Approve Resolution No. 540 consenting to join the Health Benefits Program of the ACWA Joint Powers Insurance Authority

SUMMARY:

At the present time, COMB contracts with ACWA-Health Benefits Authority (HBA) for health care coverage for all employees and retirees. In a development that could result in cost savings for nearly 300 ACWA member agencies, the ACWA HBA has initiated proceedings to transition its operations and programs into the ACWA Joint Powers Authority (JPIA). This move would allow the two organizations to combine resources, reduce overall costs, and improve operations. Potential costs savings would be passed on to ACWA member agencies that participate in programs offered by HBA and JPIA.

In order to proceed with the transition, the HBA must undertake a formal process to dissolve itself and combine its operations with JPIA. Under HBA's existing bylaws, the organization may be dissolved by its Board of Directors with written consent of 75 percent of HBA members. This consent threshold must be met by July 1, 2012 to proceed. Attached is the agenda item from the March 28, 2012 ACWA-HBA Board of Directors meeting.

The attached resolution consents to join the Employee Benefits Program of the ACWA/Joint Powers Insurance Authority and ratifies the action of the ACWA Health Benefits Authority Board of Directors to terminate the Health Benefits Authority Joint Powers Agreement. According to the notice provided by ACWA-HBA, failure to return the signed resolution by June 29, 2012 may result in loss of coverage for employees.

FISCAL IMPACTS:

Possible future cost savings for combining resources and utilizing administration for multiple insurance policies through one entity - ACWA/JPIA.

LEGAL CONCURRENCE:

Concurred.

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Approve COMB Resolution No. 540 consenting to join the Health Benefits Program of the ACWA Joint Powers Insurance Authority, ratifying the action of the ACWA Health Benefits Authority Board of Directors to terminate the Health Benefits Authority Joint Powers Agreement, and authorizing and directing the Cachuma Operation and Maintenance Board to execute all necessary documents.

LIST OF EXHIBITS:

Resolution No. 540

RESOLUTION NO. 540

RESOLUTION CONSENTING TO JOIN THE HEALTH BENEFITS PROGRAM OF THE ACWA JOINT POWERS INSURANCE AUTHORITY, RATIFYING THE ACTION OF THE ACWA HEALTH BENEFITS AUTHORITY BOARD OF DIRECTORS TO TERMINATE THE HEALTH BENEFITS AUTHORITY JOINT POWERS AGREEMENT, AND AUTHORIZING AND DIRECTING THE CACHUMA O & M BOARD TO EXECUTE ALL NECESSARY DOCUMENTS

WHEREAS, this Agency entered into a joint exercise of powers agreement ("HBA Agreement") with the Association of California Water Agencies Health Benefits Authority ("HBA") in order to pool its purchasing needs with other public agencies desiring to provide their employees with comprehensive and economical health and welfare benefits; and

WHEREAS, this Agency entered into a Health Benefits Memorandum of Understanding ("MOU") to enroll in specific health programs and ancillary programs ("Existing Employee Benefits Coverage") offered by HBA and agreed to abide by: (1) the HBA Agreement; (2) all rules and procedures established by HBA in the administration of the Agency's Existing Employee Benefits Coverage; and (3) all underwriting, eligibility, and contribution requirements in Appendix A to the MOU; and

WHEREAS, this Agency entered into a joint exercise of powers agreement ("JPIA Agreement") with the Association of California Water Agencies Joint Powers Insurance Authority ("JPIA") in order to pool its purchasing needs with other public agencies desiring to obtain comprehensive and economical public liability, workers' compensation, unemployment, health, accident and/or dental, or property coverage; and

WHEREAS, JPIA is both qualified and authorized by the laws of the State of California to administer the Existing Employee Benefits Coverage to this Agency through JPIA's Employee Benefits Program; and

WHEREAS, during a noticed special meeting held on February 6, 2012, the HBA Board of Directors unanimously voted to transfer all HBA operations and administrative functions to JPIA on or about July 1, 2012, and to pursue a merger of the two public agencies after which the HBA Agreement would be terminated; and

WHEREAS, pursuant to Article 22 of the HBA Agreement, the HBA Agreement may be terminated by the HBA Board of Directors subject to ratification by the written consent of three-fourths of the HBA Member agencies within 90 days of the HBA Board's action, provided, however, that HBA and the HBA Agreement shall continue to exist for the purpose of concluding all functions necessary to wind up HBA's affairs; and

WHEREAS, during a noticed regular meeting held on March 28, 2012, the HBA Board of Directors approved HBA Resolution 12-03-02: (1) electing to terminate the HBA Agreement pursuant to Article 22 of the HBA Agreement and, except as provided in clause 2 below, said termination shall become effective upon ratification by the written consent of three-fourths of the HBA member districts and agencies; (2) recognizing that pursuant to Article 22 of the HBA Agreement, HBA and the HBA Agreement shall continue to exist for the purpose of winding up and dissolving the business affairs of HBA, and acknowledge that the HBA Board of Directors is vested with all powers of HBA for doing the same; and (3) declaring that Resolution 12-03-02 shall take effect on April 1, 2012, thereby beginning the 90-day ratification period.

NOW, THEREFORE, BE IT RESOLVED that the Directors of Cachuma O & M Board hereby:

1. Agree that the HBA Memorandum of Understanding referred to in the recitals above is incorporated in this resolution by reference.
2. Consent to join JPIA's Employee Benefits Program and acknowledge, represent, and agree that all terms and conditions of the HBA Memorandum of Understanding apply to the provision of this Agency's Existing Employee Benefits Coverage through JPIA.
3. Authorize and direct this Agency's General Manager to cooperate fully with HBA and JPIA in the execution of any other documents and in the completion of any additional actions that may be necessary or appropriate for the purpose of ensuring that this Agency's Existing Employee Benefits Coverage continues without lapse through JPIA.
4. Ratify the action of the HBA Board of Directors to terminate the HBA Agreement, to be effective as provided in Article 22 of the HBA Agreement.
5. Direct the Secretary of the Board of this Agency to immediately send a certified copy of this resolution to: Association of California Water Agencies Health Benefits Authority, 4600 Northgate Blvd, Suite 100, Sacramento, California, 95834.

PASSED AND ADOPTED by the Directors of Cachuma O & M Board this 23rd day of April, 2012, by the following vote:

President
Lauren Hanson

Attest by:
Bruce Mowry
Secretary of the Board

ACWA Health Benefits Authority

Agenda Item VIII.

1. Memorandum
2. Resolution 12-03-02 To Terminate the HBA Joint Exercise of Powers Agreement

Braun Blaising McLaughlin, P.C.

Attorneys at Law

March 22, 2011

TO: HBA Board of Directors
FROM: Bruce McLaughlin, HBA Counsel
RE: **Agenda Item VIII - Termination of the HBA Joint Powers Agreement**

I. Background

At the HBA Board Regular Meeting held on January 5, 2012, the Board discussed the continuing issues involved in administrative services and by unanimous vote, authorized President Gilmore to establish an Ad Hoc Committee for evaluating administrative services options with the Joint Powers Insurance Authority ("JPIA"). The Ad Hoc Committee met with representatives from JPIA on January 12, 2012, and January 30, 2012 to discuss three options for the provision of services including: (1) a "merger" in which health benefit services would be provided directly by JPIA, interested HBA Members would join JPIA, and HBA would be dissolved; (2) JPIA providing administrative services pursuant to long-term contract with HBA continuing to exist, and the HBA Board retaining a subset of its existing duties; and (3) the same as Option 2 except that JPIA is expressly named as the HBA administrator in the HBA joint powers agreement pursuant to California Government Code Section 6506.

At the HBA Board Special Meeting held on February 6, 2012, the Board unanimously approved the Ad Hoc Committee's recommendations to pursue a merger with JPIA to be effective by July 1, 2012, and move to terminate the ACWA Health Benefits Authority effective July 1, 2012. The Ad Hoc Committee met with representatives from JPIA on February 24, 2012, to further discuss the details of the proposed merger including issues related to legal matters, human resources, operations, finances, information technology, and a dedicated communications plan. The Ad Hoc Committee and JPIA agreed that each agency would dedicate their collective efforts to effect the merger expeditiously.

On February 29, 2012, this Board approved HBA Resolution 12-02-01 declaring its intention: (1) to transfer all operations and administrative functions to JPIA on or about July 1, 2012; (2) to pursue a merger of HBA and JPIA after which the HBA Agreement would be terminated; and (3) to consider a formal motion to terminate the HBA Agreement on or about April 1, 2012.

The transition teams from HBA and JPIA met again in March to coordinate on the development of materials, the processes required for merging the two agencies, and scheduling the critical path items. According to the schedule, both HBA and JPIA will hold public meetings on March 28, 2012, in order to take official action for transitioning all administrative functions to JPIA and initiating the process to terminate HBA.

II. Termination provisions of the HBA Joint Powers Agreement

Shown below are the relevant sections in the HBA Joint Powers Agreement pertaining to terminating the HBA Joint Powers Agreement and dissolving the Health Benefits Authority.

ARTICLE 22-TERMINATION AND DISTRIBUTION.

(a) This Agreement may be terminated by the Board of Directors subject to ratification by the written consent of three-fourths of the Membership within 90 days of the Board of Directors' approval of the motion to terminate the Agreement, provided, however, that this Agreement and the Authority shall continue to exist for the purpose of concluding all functions necessary to wind up the affairs of the Authority.

(b) The Board of Directors is vested with all powers of the Authority for the purpose of winding up and dissolving the business affairs of the Authority.

(c) Upon termination of this agreement, all assets of the Authority shall be distributed only among those parties that have been Signatory's hereto during the 12 months preceding the date upon which the written consent required by paragraph (a) hereof was determined to have been completed by the Board of Directors. The Board of Directors shall determine such distribution within six months after all other business of the Authority has been concluded.

ARTICLE 23-TERMINATION OF THE AUTHORITY

The Authority may be terminated or its powers changed, restricted or eliminated by the Board of Directors along with the written consent of three-fourths of the Membership.

III. Termination process

Once the HBA votes to terminate the joint powers agreement, this will start a 90-day clock for collecting the written consent form HBA member agencies. If the Board's action is ratified by at least 75% of the HBA member agencies (i.e., approximately 208 agencies of the 277 member agencies), then this Board will be charged with the duty of winding up HBA's business affairs and dissolving the Health Benefits Authority. I anticipate that this process will begin immediately upon achieving a successful ratification, but the dissolution of HBA cannot occur until the time that the operation of all health/welfare benefits programs have been fully assumed by JPIA.

IV. Recommendation

Approve RESOLUTION 12-03-02 TO TERMINATE THE JOINT EXERCISE OF POWERS AGREEMENT OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES HEALTH BENEFITS AUTHORITY.

**Association of California Water Agencies
Health Benefits Authority
HBA Resolution 12-03-02**

**RESOLUTION TO TERMINATE THE JOINT EXERCISE OF POWERS AGREEMENT OF THE
ASSOCIATION OF CALIFORNIA WATER AGENCIES HEALTH BENEFITS AUTHORITY**

WHEREAS, approximately 277 water districts and other agencies entered into a Joint Exercise of Powers Agreement ("HBA Agreement") creating the Association of California Water Agencies Health Benefits Authority ("HBA") in order to enable the districts and agencies to pool their purchasing needs to provide their employees with comprehensive and economical health and welfare benefits through the HBA's Health Programs and Ancillary Programs; and

WHEREAS, all of these same water districts and agencies are eligible to enter into, or have already entered into, a joint exercise of powers agreement with the Association of California Water Agencies Joint Powers Insurance Authority ("JPIA") in order to pool their purchasing needs with other public agencies desiring to obtain comprehensive and economical public liability, workers' compensation, unemployment, health, accident and/or dental, or property coverage; and

WHEREAS, JPIA is both qualified and authorized by the laws of the State of California to administer HBA's Health Programs and Ancillary Programs; and

WHEREAS, on February 29, 2012, the HBA Board of Directors approved HBA Resolution 12-02-01 declaring its intention: (1) to transfer all operations and administrative functions to JPIA on or about July 1, 2012; (2) to pursue a merger of HBA and JPIA after which the HBA Agreement would be terminated; and (3) to consider a formal motion to terminate the HBA Agreement; and

WHEREAS, pursuant to Article 22 of the HBA Agreement, the HBA Agreement may be terminated by the HBA Board of Directors subject to ratification by the written consent of three-fourths of the HBA Member agencies within 90 days of the HBA Board's action, provided, however, that HBA and the HBA Agreement shall continue to exist for the purpose of concluding all functions necessary to wind up HBA's affairs.

NOW, THEREFORE, BE IT RESOLVED that the Directors of the Health Benefits Authority hereby:

1. Elect to terminate the HBA Agreement pursuant to Article 22 of the HBA Agreement and, except as provided in resolving paragraph 2 below, said termination shall become effective upon ratification by the written consent of three-fourths of the 277 districts and agencies.
2. Recognize that pursuant to Article 22 of the HBA Agreement, HBA and the HBA Agreement shall continue to exist for the purpose of winding up and dissolving the business affairs of HBA, and acknowledge that the HBA Board of Directors is vested with all powers of HBA for doing the same.
3. Declare that this resolution shall take effect on April 1, 2012, thereby beginning the 90-day ratification period.

**Association of California Water Agencies
Health Benefits Authority
HBA Resolution 12-03-02**

PASSED AND ADOPTED by the Directors of the ACWA Health Benefits Authority this 28th day of March, 2012, by the following vote:

		Aye	No	Abstain	Absent
South	Aleshire, Merle				
North	Boatmun, Bette				
North < 20	Gilmore, Rick				
North	Gladbach, Jerry				
South	Ruettgers, Steve				
South > 20	Peterson, Glen				
North > 20	Michum, Dennis				
ACWA I&P Chair	Vacant				
South	Williams, Howard				
South < 20	Wilson, Robert				
North	Wickland, Tamara				
Totals					

Rick Gilmore
Chairman

Attest by: Cynthia Harding
Secretary

Braun Blaising McLaughlin, P.C.

Attorneys at Law

March 22, 2011

TO: HBA Board of Directors

FROM: Bruce McLaughlin, HBA Counsel

RE: **Agenda Item IX - Ratification process for terminating the HBA Joint Powers Agreement**

I. Background

This memorandum presumes that the HBA Board approved RESOLUTION 12-03-02 TO TERMINATE THE JOINT EXERCISE OF POWERS AGREEMENT OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES HEALTH BENEFITS AUTHORITY. As stated in the memorandum for that Agenda Item VIII, the Board's vote is "subject to ratification by the written consent of three-fourths of the Membership within 90 days of the Board of Directors' approval of the motion to terminate the Agreement"

II. Overview of the ratification process as provided

Without a doubt, time is of the essence for receiving notice back from the HBA member agencies regarding their ratification of this Board's action. Both HBA and JPIA have invested a significant amount of time and human resources in preparing for the HBA merger into JPIA. A timely ratification by the HBA member agencies is necessary to ensure that the merger progresses seamlessly, cost-effectively, and transparently (to the plan participants). Since Resolution 12-03-02 takes effect on April 1, 2012, the 90-day ratification window closes on July 1, 2012, which is the same day that JPIA will begin administering the employee benefit plans. A failed ratification could adversely impact the smooth transition to JPIA. The ratification may fail for two basic reasons: (1) more than 25% of the HBA member agencies expressly do not consent to the termination; or (2) written consent from at least 75% of the member agencies has not yet been received within 90 days of the HBA Board's action.

The HBA/JPIA transition team has planned for the contingency that the required 75% consent is not received by July 1, 2012. Among other things, the contingency plan includes executing the administrative services contract between HBA and JPIA that was approved last month by the HBA Board in Resolution 12-02-01. The HBA-JPIA transition team determined, however, that the best solution is to implement proactive measures by preparing HBA member agencies to officially respond within the next 30-45 days. HBA cannot require that agencies respond in less than 90 days since the 90-day language is expressly stated in the JPA. HBA may, however, take certain actions that encourage and enable the agencies to act in a timely manner.

These actions include developing a "communications kit" that will be sent to each HBA member agency during the first week of April. Among other things, the kit will include: (1) a letter of explanation; (2) a sample ratification resolution for adoption by the agency's governing body; (3) a merger timeline; (4) a list of Frequently Asked Questions; (5) a list of telephone

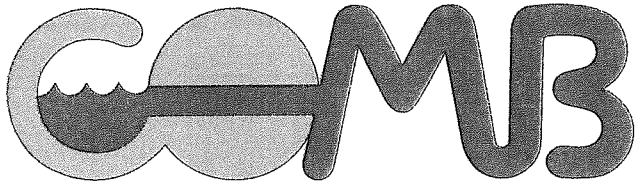
915 L Street, Suite 1270, Sacramento, California 95814
Telephone: (916) 326-5812 ♦ Facsimile: (916) 441-0468

ITEM # 4
PAGE 10

contact numbers and links to obtain web-based information; and (6) a large, bold heading stating **URGENT ACTION NEEDED TO MAINTAIN HEALTH BENEFITS.**

III. Recommendations

- Approve, in substantially final form, the two attached resolutions for inclusion in the Communications Kit. The first sample resolution is for an HBA member agency that is currently a JPIA member, and the second sample resolution is for an HBA member agency that must join JPIA in order to continue receiving its employee benefits.
- Authorize the HBA Ad Hoc Committee to: (1) finalize the attached resolutions and prepare them for consideration by each HBA member agency; (2) develop and approve additional materials for the Communications Kit as required; and (3) cause the Communication Kits be delivered to all HBA member agencies.



CACHUMA OPERATION AND MAINTENANCE BOARD

3301 LAUREL CANYON ROAD
SANTA BARBARA, CALIFORNIA 93105-2017
TELEPHONE (805) 687-4011 FAX (805)569-5825
www.cachuma-board.org

April 23, 2012

The Honorable Das Williams
California State Assemblymember
State Capitol, Room 6011
Sacramento, CA 95814

RE: AB 2443 (Williams) – Support

Dear Assemblymember Williams,

The Cachuma Operation and Maintenance Board (COMB) is pleased to support your Assembly Bill No. 2443, which would assist in eradicating invasive aquatic species, especially dreissenid mussels.

The Cachuma Project, which includes Lake Cachuma, Bradbury Dam and the conveyance facilities along the south coast of Santa Barbara County, is owned by the U.S. Bureau of Reclamation. These facilities are operated and maintained by COMB on behalf of its five Member Agencies (City of Santa Barbara, Goleta Water District, Montecito Water District, Carpinteria Valley Water District and Santa Ynez River Water Conservation District, Improvement District No. 1). COMB is responsible for conveyance of water to the South Coast through the Tecolote Tunnel, and operation and maintenance of the South Coast Conduit pipeline, flow control valves, meters, and instrumentation at control stations, and turnouts along the South Coast Conduit and four regulating reservoirs. The Cachuma Project is the primary source of water for approximately 200,000 residents in the Santa Barbara area.

COMB understands that quagga mussels, zebra mussels and their free-floating larvae spread to waters via boats, motors, hull surfaces, bait tanks, and boat trailers. They “hitch-hike” on vessels that have been in infested water bodies and then travel to a new water body when the vessel is launched. The mussels’ ability to rapidly colonize on soft and hard surfaces clogs water intake and outlet structures, hampering the flow of water. The wet surfaces of all objects, such as pipes, valves, pumps, sensors, and other hydraulic devices can become completely incrustated with the mussels. It is virtually impossible to eradicate them once they are established. Eradication efforts in a drinking water supply such as Lake Cachuma are a significant logistical challenge and an economic burden of enormous proportions. If they become evident in Lake Cachuma, they could have a severe adverse impact on all Cachuma Project physical facilities including the Bradbury Dam radial gates, the intake and outlet structures of the Santa Ynez River and Hilton Creek, the Tecolote Tunnel, valves and piping at the north and south portals, and the entire South Coast Conduit including the Corona del Mar and Cater Water Treatment Plants.

*Carpinteria Valley Water District
City of Santa Barbara
Goleta Water District
Montecito Water District*

*Santa Ynez River Water Conservation District, Improvement District #1
General Manager/Secretary of the Board, Bruce A. Mowry Ph.D, P.E.*

ITEM # 5
PAGE 1

Currently there is no state-sponsored eradication or monitoring program in place. Twenty-six of California's approximately four hundred lakes have already reported the presence of dreissenid mussels and the spread of this invasive species will go unchecked until the state addresses this growing and serious concern.

Assembly Bill No. 2243 will address this serious economic problem by creating a source to fund local efforts to inspect and monitor watercraft entering county lakes and rivers.

For the reasons stated above, the Cachuma Operation and Maintenance Board gladly supports AB 2443, and appreciates your effort in authoring this important measure.

Sincerely,

Lauren Hanson
President of the Board

Cc: Assemblymember Jared Huffman, Chair, Committee on Water, Parks and Wildlife
Association of California Water Agencies
County of Santa Barbara Board of Supervisors
COMB member units

AB 2443 (Williams)
Quagga and Zebra Mussel Infestation Prevention

SUMMARY

This bill establishes a new source of revenue to help local governments carry out existing requirements for inspection of Quagga and Zebra mussels.

BACKGROUND

Quagga and Zebra mussels pose an immediate and significant threat to California's water supply, flood control, power generation, and aquatic recreation infrastructure. Once established in a body of freshwater, these mussels latch onto pipes, valves, screens, irrigation canals, and gates, often in quantities that severely impede the movement of water and the operation of other water management infrastructure.

Between 2000 and 2010, widespread Zebra mussel infestation of the Great Lakes region resulted in over \$5 billion in economic impacts. Were it to become infested, California's Lake Tahoe alone would likely incur economic impacts over \$20 million annually.

Prevention of contamination and spreading of Quagga mussels and other invasive species is an effective way to preserve an invasive-free water body. Consequently, proper and thorough inspection is a necessary component in the ongoing effort to eliminate the spread of Quagga mussels in California.

While inspection is less costly than addressing the impacts of infestation, it is still a significant financial burden. Unfortunately, money used for this purpose often times isn't a stable, continuing source of revenue.

For example, Monterey County Parks Department implemented a mussel prevention program in 2010. The startup mussel program was initially funded by a \$100,000 grant from the Department of Fish and Game for the hiring of vessel screeners at all of the public ramps at both lakes.

This initial funding depleted quickly and for the full vessel inspection program for 2011, the Parks Department received a one-time unanticipated revenue allotment from the Monterey County Agricultural Commissioner's Office that has funded the program to date.

There is no ongoing funding source to be able to continue with the mussel prevention program going forward. It is critical that we continue with the mussel program and the good work that has been done to protect these lakes from a devastating outcome if they were to get infested by Quagga or Zebra mussels. Centrally located in California, if infestation

were to occur, the bodies of water to both the north and the south would be put at a much greater potential risk.

THE BILL

AB 2443 establishes a reasonable and appropriate fee solely for the purposes of inspecting for Quagga and Zebra mussels. In determining what is reasonable, the Department of Boating and Waterways is required to consult with a technical advisory group made up of interested persons, including, recreational boating and reservoir operation representatives.

The majority of the funds shall be granted back to local governments responsible for implementation of an adopted inspection or infestation prevention plan that is consistent with the of existing law.

However, there remains the issue of those areas of the state that not currently implementing inspection or infestation prevention plans. Some of the funds will be available to the Department of Fish and Game for reasonable regulatory costs associated with enforcing a prevention plan where none currently exists.

In this way, we can be sure there is secure funding for a *statewide* approach to the prevention of infestation.

SUPPORT

- Santa Barbara County (Co-Sponsor)
- San Luis Obispo County (Co-Sponsor)
- Monterey County (Co-Sponsor)

OPPOSITION

- None

FOR MORE INFORMATION

Erin Baum
Office of Assembly Member Das Williams
(916) 319-2035
Erin.Baum@asm.ca.gov

BOARD OF SUPERVISORS

1055 MONTEREY, ROOM D430 • SAN LUIS OBISPO, CALIFORNIA 93408-1003 • 805.781.5450



March 27, 2012

The Honorable Das Williams
California State Assemblymember
State Capitol, Room 6011
Sacramento, CA 95814

FRANK R. MECHAM, Supervisor District One
BRUCE GIBSON, Supervisor District Two
ADAM HILL, Supervisor District Three
PAUL TELXEIRA, Supervisor District Four
JAMES R. PATTERSON, Supervisor District Five

RE: AB 2443 (Williams) – Sponsorship and Support

Dear Assemblymember Williams,

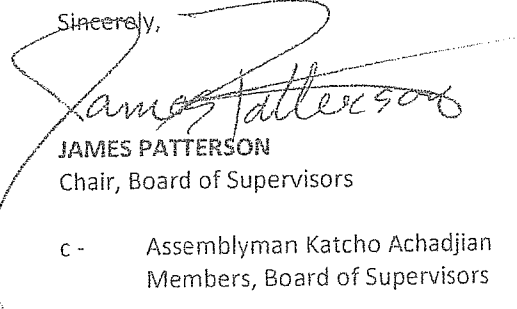
The San Luis Obispo County Board of Supervisors is pleased to co-sponsor and support your AB 2443, which would assist in eradicating invasive aquatic species, especially dreissenid mussels.

Dreissenid mussels, which include Zebra and quagga mussels, and other invasive aquatic species, are infiltrating water bodies and being transported throughout the nation by various vectors, including recreational vessels. Invasive aquatic species' presence in water bodies poses economic strain on operating agencies by increasing the frequency of maintenance required by water delivery and storage facilities, among other impacts. If invasive aquatic species are introduced into local water bodies, the budgetary and operational consequences will be significant. Furthermore, there is no state-sponsored eradication or monitoring program. Meanwhile, 26 of California's approximately 400 lakes are impacted by dreissenid mussels and the spread will go unchecked until the State addresses this growing and serious concern.

AB 2243 will address this serious economic problem by creating a source to fund local efforts to inspect and monitor watercraft entering county lakes and rivers.

For the reasons stated above, the San Luis Obispo County Board of Supervisors gladly co-sponsors and supports AB 2443, and thanks you for authoring this important measure.

Sincerely,


JAMES PATTERSON

Chair, Board of Supervisors

c - Assemblyman Katcho Achadjian
Members, Board of Supervisors

ITEM #

5

PAGE

4

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 22, 2011
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

SUBJECT: Master Agreement between the County of Santa Barbara and the Cachuma Operation and Maintenance Board for the Maintenance of Roadway and Culvert Improvements for Quiota Creek Crossings at Refugio Road

SUMMARY:

COMB has and will in the future upon receipt of grant funding, undertake various roadway, culvert and streambed improvements at several locations on Refugio Road. The work includes the replacement of existing low flow concrete stream crossings with bottomless arch culverts or similar structures to improve steelhead fish passage in Quiota Creek. Sections of Refugio Road are listed on the County road inventory as a County-maintained road. The County and COMB have worked and are working together to facilitate these improvements. The County and COMB believe it is in their mutual interest to enter into this Agreement to assign responsibility for ownership and maintenance of the roadway and culvert portions of these Projects.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

Legal counsel has reviewed the MOU and made revisions

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Approval of the Master Agreement Between the County of Santa Barbara and the Cachuma Operation and Maintenance Board for the Maintenance of Roadway and Culvert improvements for Quiota Creek Crossings at Refugio Road

LIST OF EXHIBITS:

MOU

ITEM # 6
PAGE 1

**MASTER AGREEMENT BETWEEN THE COUNTY OF SANTA BARBARA AND THE
CACHUMA OPERATION AND MAINTENANCE BOARD FOR THE MAINTENANCE
OF ROADWAY AND CULVERT IMPROVEMENTS FOR QUIOTA CREEK
CROSSINGS AT REFUGIO ROAD**

This Master Agreement (“Agreement”) is made this ___ day of _____ 2012, by and between the County of Santa Barbara (“County”), a political subdivision of the State of California, and Cachuma Operation and Maintenance Board (“COMB”), a California Joint Powers Agency.

RECITALS

1. COMB is a California Joint Powers Agency formed pursuant to a 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 members of COMB are the City of Santa Barbara, the Carpinteria Valley Water District, the Montecito Water District, the Goleta Water District and the Santa Ynez River Water Conservation District, Improvement District No. 1.
2. COMB has previously undertaken, and upon receipt of grant funding in the future intends to undertake, various roadway, culvert and streambed improvements at several locations on Refugio Road, where the road crosses Quiota Creek. The work includes the replacement of existing low flow concrete stream crossings with bottomless arched culvert or similar structures to improve steelhead fish passage in Quiota Creek. Each of the Quiota Creek crossings where such improvements have been or will be constructed shall be referenced as a “Project” or “Project location.”
3. Sections of Refugio Road are listed on the County road inventory as a County-maintained road. The parties have worked and are working together cooperatively to facilitate the referenced improvements.
4. The parties believe that it is in their mutual interest to enter into this Agreement to assign responsibility for ownership and maintenance of the roadway and culvert portions of these respective Projects.

NOW, THEREFORE, in recognition of an exchange of valuable consideration, the parties agree as follows:

I. MASTER AGREEMENT; USE OF ADDENDA FOR EACH PROJECT

This Agreement shall serve as a master form of agreement for the improvements constructed by COMB at multiple Project locations. For each Project location, the parties shall execute the form of addendum attached hereto as Exhibit “A” and incorporated by reference herein. Each addendum shall be signed by both parties, incorporate the provisions of this

Agreement, and constitute a separate agreement. Each addendum shall contain the following exhibits: (1) a location map; (2) a depiction of the improvements; (3) the final road encroachment permit issued by the County; and (4) any other exhibit(s) or provisions deemed appropriate by the parties. The Governing Board of COMB hereby designates its General Manager, and the Board of Supervisors of the County hereby designates its Director of Public Works, to enter into each addendum on behalf of the respective parties.

II. QUIOTA CREEK CROSSING NOS. 6 AND 2

Attached as Exhibit "B" hereto, and incorporated by reference herein, is Addendum No. 1 relating to the improvements previously constructed by COMB at Quiota Creek Crossing No. 6 in Fall 2008. Attached as Exhibit "C" hereto, and incorporated by reference herein, is Addendum No. 2 relating to the improvements previously constructed by COMB at Quiota Creek Crossing No. 2 in Fall 2011. By their approval of this Agreement, the parties also approve Addenda Nos. 1 and 2 in their entirety.

III. ROADWAY AND CULVERT FACILITIES

For each Project location on Quiota Creek, the County accepts ownership of its roadway and culvert portions, which shall consist of the base material, asphalt, concrete structural section, bridge structure and associated structures such as wing walls, abutments, shoulders, guard-hand railings, and graffiti proofing treatment ("roadway and culvert facilities"). The County shall maintain the roadway and culvert facilities at each Project location and in a manner consistent with public works practices. COMB shall have no responsibility for the maintenance of the roadway and culvert facilities. The County shall have no responsibility for any other portion of each Project.

IV. NOTICES

All notices required or provided for under this Agreement shall be in writing and delivered in person or sent by certified mail, postage prepaid, return receipt requested to the principal offices of the County and COMB. Notices shall be effective on the date delivered in person or on the date when the postal authorities indicated that the mailing was delivered to the address of the receiving party indicated below:

Notice to COMB:

COMB
3301 Laurel Canyon Road
Santa Barbara, CA 93105

Notice to County:

County of Santa Barbara
Public Works Department
123 E. Anapamu Street
Santa Barbara, CA 93101
Attn: Director of Roads/Transportation

Such written notices, demands, correspondence and communications may be sent in the same manner to such other persons and addresses as either party may from time to time designate by mail as provided in this section. A party may change its address by giving notice in writing to other Party and thereafter notices shall be delivered or sent to such new address.

V. INDEMNIFICATION

A. INDEMNIFICATION BY COMB

COMB shall indemnify, defend and hold harmless the County and its officers, employees and agents from and against all claims, damages, losses, causes of action and expenses (including reasonable attorneys' fees), for any personal injury, bodily injury, death or damage to property, or violation of any federal, state or municipal law, regulation or ordinance, arising out of any latent defects, pursuant to California Code of Civil procedure section 337.15, in the construction of the streambed improvements at each Project location.

B. INDEMNIFICATION BY THE COUNTY

The County shall indemnify, defend and hold harmless COMB, and its officers, employees and agents from and against all claims, damages, losses, causes of action and expenses (including reasonable attorneys' fees) for any personal injury, bodily injury, death or damage to property, or violation of any federal, state or municipal law, regulation or ordinance, arising out of the ownership of the roadway and culvert facilities at each Project location and any activities or omissions, negligent or otherwise, under this Agreement by the County or its officers, agents and employees.

C. NO AGENCY

Except as otherwise specified herein, for the purposes of this section, COMB shall not be deemed to be the County's agent, and the County shall not be deemed to be COMB's agent.

D. NOTIFICATION

Each party shall give the other prompt notification when it first learns of an incident or occurrence covered, or likely to be covered, under the terms of the indemnity provisions herein, as well as prompt notification if a claim is made or suit is brought against a party based on an incident or occurrence covered, or likely to be covered, by the terms hereof.

E. CONTINUING OBLIGATION

To the extent that COMB has agreed to indemnify, defend and hold harmless the County and its officers, employees and agents in accordance with this Agreement, said obligations shall exist during the term of this Agreement, and shall survive the termination of this Agreement for any acts or omissions giving rise to liability which occurred during its term.

To the extent that the County has agreed to indemnify, defend and hold harmless COMB and its officers, employees and agents in accordance with this Agreement, said obligations shall exist during the term of this Agreement, and shall survive the termination of this Agreement for any acts or omissions giving rise to liability which occurred during its term.

F. INSURANCE

Each party recognizes and accepts that the other party is self-insured. Either party may purchase commercial insurance to cover its exposure hereunder, in whole or in part.

VI. TERM OF AGREEMENT

This Agreement shall remain in effect until mutually terminated in writing signed by both parties.

VII. MISCELLANEOUS PROVISIONS

This Agreement, together with the exhibits, constitutes the entire understanding and agreement of the Parties. Any terms of this Agreement which are in conflict with any terms of the exhibits shall supersede the terms of the exhibits. This Agreement integrates all of the terms and conditions mentioned herein or incidental hereto, and supersedes all negotiations or previous agreement between the Parties with respect to all or any part of the subject matter hereof. This Agreement is the product of negotiation and shall not be construed against a drafting party.

This Agreement may be amended by mutual written agreement of the Parties duly executed by the lawfully authorized officers or officials of each party.

The foregoing recitals are incorporated herein by reference as if fully set forth.

THIS AGREEMENT has been executed by the Parties as of the date first set forth above.

COMB:
COMB, a California Joint Powers Agency

By: _____
President, COMB Board

///

///

///

COUNTY:

COUNTY OF SANTA BARBARA, a political subdivision of the State of California

By: _____
Chair of the Board of Supervisors

By: _____
Auditor Controller

By: _____
Risk Management

Exhibits:

- A) Sample Form of Addendum
- B) Addendum No. 1 (Quiota Creek Crossing No. 6)
- C) Addendum No. 2 (Quiota Creek Crossing No. 2)

EXHIBIT A TO MASTER AGREEMENT

ADDENDUM NO. ___ TO MASTER AGREEMENT BETWEEN THE COUNTY OF SANTA BARBARA AND THE CACHUMA OPERATION AND MAINTENANCE BOARD FOR THE MAINTENANCE OF ROADWAY AND CULVERT IMPROVEMENTS FOR QUIOTA CREEK CROSSING NUMBER ___ AT REFUGIO ROAD

This Addendum To Master Agreement (“Addendum No. ___”) is entered into on _____, 20__ between the County of Santa Barbara (“County”) and the Cachuma Operation And Maintenance Board (“COMB”).

RECITALS

A. On _____, 2012, the parties entered into a “Master Agreement Between The County Of Santa Barbara And the Cachuma Operation And Maintenance Board For The Maintenance Of Roadway And Culvert Improvements For Quiota Creek Crossings At Refugio Road” (“Master Agreement”).

B. COMB has recently completed roadway, culvert and streambed improvements (“Improvements”) to Quiota Creek Crossing No. ___ (the “Project”). The Project location is approximately _____ miles from _____. (Latitude _____, Longitude _____). The Project location is set forth in Exhibit “1,” attached and incorporated by reference herein. A depiction of the Project improvements is attached as Exhibit “2” and incorporated by reference herein.

C. The County issued COMB a conditional road encroachment permit for the Project. Upon COMB’s completion of the Project, the County issued COMB a final road encroachment permit. A copy of the final permit is attached as Exhibit “3” and incorporated by reference herein. The County acknowledges and agrees that COMB complied with all requirements of the final permit in construction of the Project and, notwithstanding any provisions to the contrary in Exhibit “3,” COMB has no further obligations to the County under the final permit.

NOW, THEREFORE, in recognition of an exchange of valuable consideration, the parties agree as follows:

1. Quiota Creek Crossing No. ___. The County hereby accepts ownership of the roadway and culvert improvements at Quiota Creek Crossing No. ___ in accordance with the terms of the Master Agreement, which provisions are incorporated herein by reference as if set forth in full. The County shall not be responsible for maintenance or repair of non-roadway or streambed improvements.

2. Incorporation Of Recitals. The foregoing Recitals are incorporated herein by reference as if set forth in full.

THIS ADDENDUM NO. ____ TO MASTER AGREEMENT is entered into between the parties as of the date first set forth above.

COUNTY OF SANTA BARBARA

By: _____
Director, Public Works Department

CACHUMA OPERATION AND MAINTENANCE BOARD

By: Bruce A. Mowry, Ph.D., P.E.
General Manager

EXHIBIT B TO MASTER AGREEMENT

ADDENDUM NO. 1 TO MASTER AGREEMENT BETWEEN THE COUNTY OF SANTA BARBARA AND THE CACHUMA OPERATION AND MAINTENANCE BOARD FOR THE MAINTENANCE OF ROADWAY AND CULVERT IMPROVEMENTS FOR QUIOTA CREEK CROSSING NUMBER 6 AT REFUGIO ROAD

This Addendum To Master Agreement (“Addendum No. 1”) is entered into on _____, 20__ between the County of Santa Barbara (“County”) and the Cachuma Operation And Maintenance Board (“COMB”).

RECITALS

A. On _____, 2012, the parties entered into a “Master Agreement Between The County Of Santa Barbara And the Cachuma Operation And Maintenance Board For The Maintenance Of Roadway And Culvert Improvements For Quiota Creek Crossings At Refugio Road” (“Master Agreement”).

B. In Fall 2008, COMB completed roadway, culvert and streambed improvements (“Improvements”) to Quiota Creek Crossing No. 6 (the “Project”). The Project location is approximately 3.8 miles south from Highway 246. (Latitude 33° 33’ 35.26” N, Longitude 120° 5’ 5.46” W). The Project location is set forth in Exhibit “1,” attached and incorporated by reference herein. A depiction of the Project improvements is attached as Exhibit “2” and incorporated by reference herein.

C. The County issued COMB a conditional road encroachment permit for the Project. Upon COMB’s completion of the Project, the County issued COMB a final road encroachment permit. A copy of the final permit is attached as Exhibit “3” and incorporated by reference herein. The County acknowledges and agrees that COMB complied with all requirements of the final permit in construction of the Project and, notwithstanding any provisions to the contrary in Exhibit “3,” COMB has no further obligations to the County under the final permit.

NOW, THEREFORE, in recognition of an exchange of valuable consideration, the parties agree as follows:

1. Quiota Creek Crossing No. 6. The County hereby accepts ownership of the roadway and culvert improvements at Quiota Creek Crossing No. 6 in accordance with the terms of the Master Agreement, which provisions are incorporated herein by reference as if set forth in full. The County shall not be responsible for maintenance or repair of non-roadway or streambed improvements.

2. Incorporation Of Recitals. The foregoing Recitals are incorporated herein by reference as if set forth in full.

THIS ADDENDUM NO. 1 TO MASTER AGREEMENT is entered into between the parties as of the date first set forth above.

COUNTY OF SANTA BARBARA

By: _____
Director, Public Works Department

CACHUMA OPERATION AND MAINTENANCE BOARD

By: Bruce A. Mowry, Ph.D., P.E.
General Manager

Exhibit 1: Project location (a) within the Santa Ynez River watershed and (b) on a topographic map.

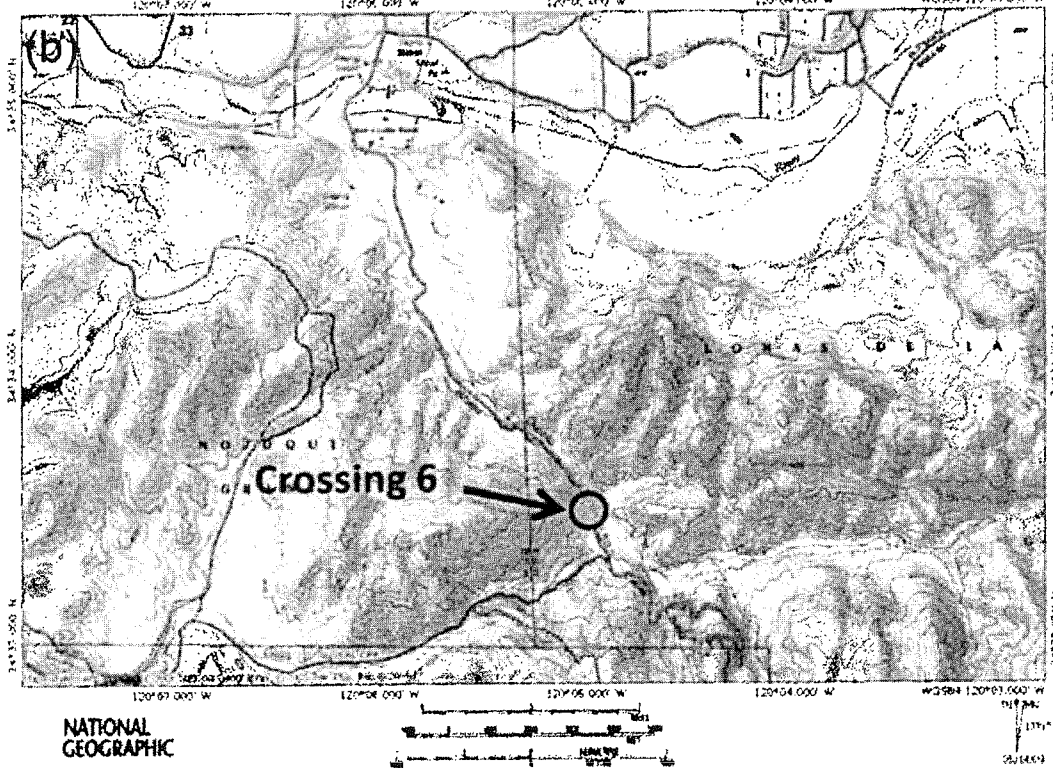
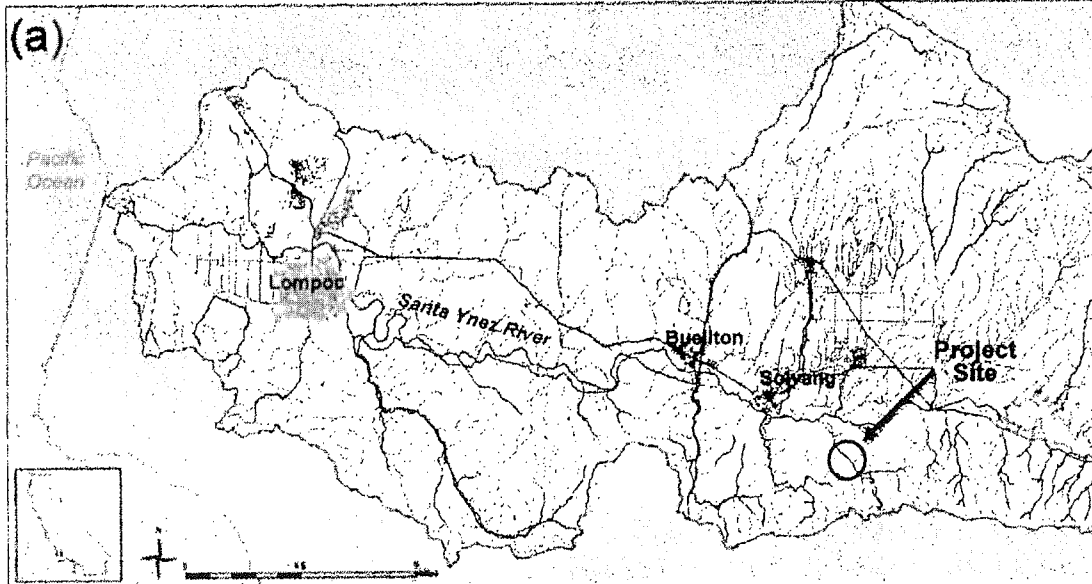


Exhibit 2: Project layout from the As-built drawings.

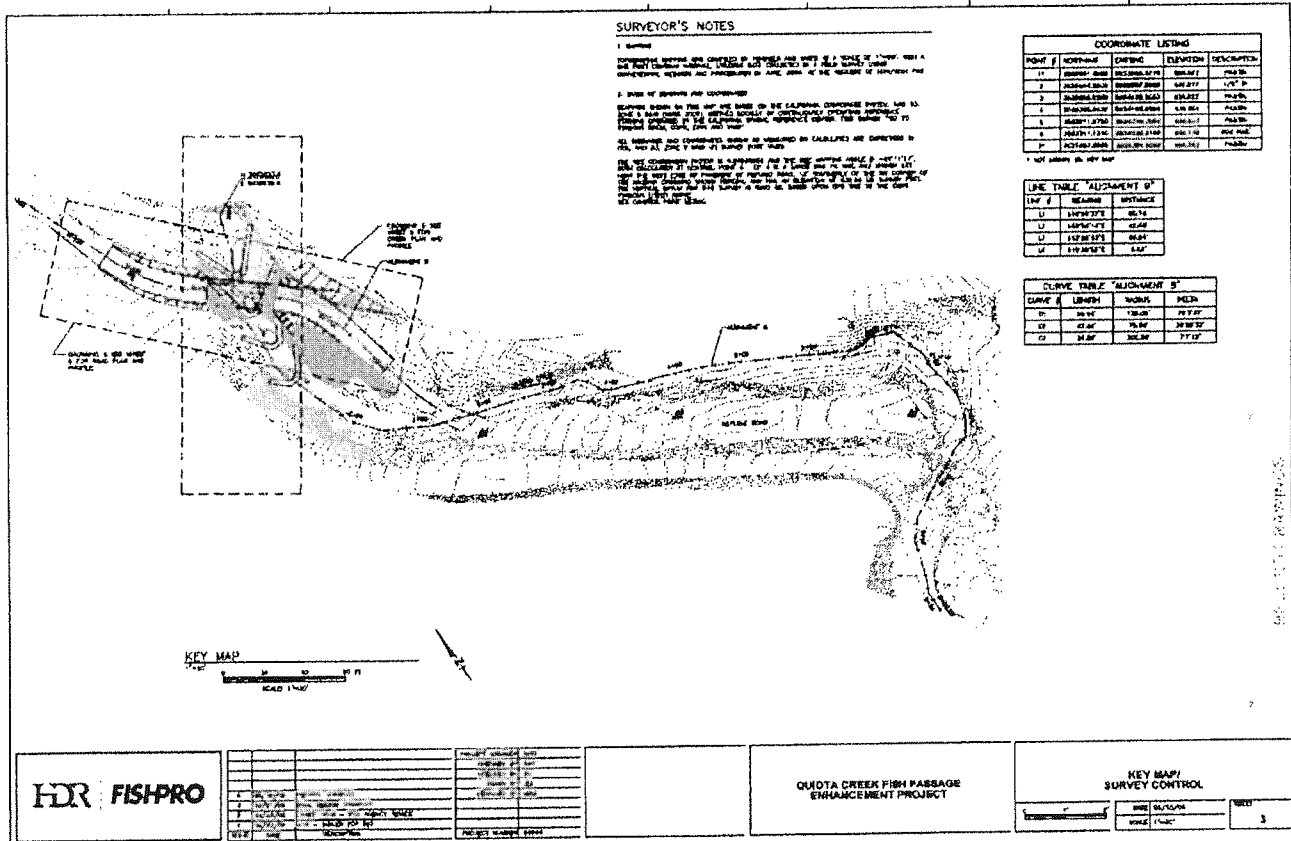




EXHIBIT 3 TO ADDENDUM NO. 1
(MASTER AGREEMENT)
COUNTY OF SANTA BARBARA
DEPARTMENT OF PUBLIC WORKS - TRANSPORTATION
ROAD ENCROACHMENT PERMIT

PERMIT NO. 040146

October 30, 2008

ROAD NAME REFUGIO RD

INSPECTION REQUIRED - SEE ATTACHED REQUIREMENTS

OWNER: JAMES J MITCHELL TRUST & PALMER G JACKSON - KA 2300 E VALLEY RD, SANTA BARBARA, CA
(name) (address)

APPLICANT: CACHUMA OPERATION & MAINTENANCE BOARD - TI 3301 LAUREL CANYON ROAD, SANTA BARBARA, CA 93105-2017
(name) (address)

hereby makes application for permit to excavate and/or encroach in the Public Road/Right-of-Way at the location(s) and as described herein, subject to the provisions required by Ordinance No. 1491, of Santa Barbara County, applicable State or Federal Regulations, AND ANY SPECIFIED REQUIREMENTS ATTACHED HERETO.

In consideration of the granting of this permit it is agreed by the applicant that the County of Santa Barbara and any officer or employee thereof shall be saved harmless by the applicant from any liability or responsibility for any accident, loss or damage to persons or property, happening or occurring as the proximate result of any of the work undertaken under the terms of this application and the permit or permits which may be granted in response thereto, and that all of said liabilities are hereby assumed by the applicant. It is further agreed that if any facilities placed in the excavation or obstruction for which this application is granted and approved as a permit, shall become incompatible with future travel by the general public, then the applicant or its assigns or successors will, either remove such facilities in cases where such removal is necessary or in cases where the use thereof has been or is to be abandoned, or in other cases, applicant or its assigns or successors, will relocate such facilities at a location designated by the Commissioner, as provided in Section 30 and 30.1 of Ordinance No. 1491 of the County of Santa Barbara.

The provisions of the foregoing sentence shall not apply in any case where the easement for the facilities was in existence prior to the existence as such of the public highway concerned herein.

DESCRIPTION OF ENCROACHMENT:

This permit authorizes the Cachuma Operation & Maintenance Board to replace the existing Quiota Creek bridge crossing #6, with a bottomless arched culvert for the Quiota Creek Fish Passage Enhancement Project. This permit is issued with attached plans prepared by Michael C. Garelo P.E. Dated 10/21/08 of HDR Engineering. Also attached to, and made a part of this permit, are Special Permit Provisions consisting of one page and shall be incorporated into the final 'approved for construction' plans. Traffic control shall be per CalTrans Standard Plans.

NOTE: All work of this permit shall be in accordance with the attachments and the applicable sections of the Santa Barbara County Road Division Encroachment Permit Requirements including the County Engineering Design Standards and latest revisions, and latest edition of the Caltrans Design Standards.

Location of Encroachment: REFUGIO RD, SANTA YNEZ - CROSS STREET: (QUIOTA CREEK CROSSING #6)

APN # _____ U.S.A. # _____ Tract # _____ File # _____

Contractor _____ Bldg. Permit # _____

Contractor Phone _____ Start Date _____

Permit Received By:

Signed [Signature] Date 10/31/08

Business Address 3301 LAUREL CANYON ROAD

City, State Zip SANTA BARBARA, CA 93105-2017

Phone (805) 687-4011

Attachments Yes No _____

Issuance Fee	_____
Inspection Fee	_____
Plan Check Fee	_____
Pavement Cut Restoration Fee	_____
Restoration Bond Deposit	_____
Bond No: <u>NO FEE</u>	TOTAL FEES _____

Approved [Signature] Date 10/30/08

... work indicated on this permit is complete and acceptable.

Inspector [Signature] Date 6-23-09

Most recent Receipt: _____
Receipt Check No: _____
CASH _____ CHECK _____
Paid to Date (all receipts) _____

VOID IF WORK IS NOT STARTED IN 30 DAYS AND CONTINUED TO COMPLETION
WHITE - APPLICANT COPY CANARY - FILE COPY PINK - INSPECTION COPY

FILE COPY

ITEM # 6
PAGE 13

PERMIT NO. 040146

QUIOTA CREEK ARCHED CULVERT

SPECIAL PERMIT PROVISIONS

1. Culvert shop drawings shall be submitted 21 days in advance of construction to the County for review and approval.
2. All exposed hardware shall have a 100 year corrosion protection on all exposed steel components.
3. Provide graffiti proofing on exposed concrete walls and drain systems behind the walls. Submit manufacturer's specifications to the County representative 14 days prior to installation.
4. Permittee shall provide oversight review by a California Registered Civil Engineer. Oversight responsibilities shall include but not limited to review of all certifications, material certificates of compliance, mix designs, Quality Assurance test results, Rail installation reports, compaction testing and results pursuant to the Caltrans testing frequency table, review of report from the Geotech approving the foundation subgrade materials and other preparatory quality assurance methods, field approval of excavations, foundation preparation, backfilling and others as determined by the Engineer.
5. Close out submittal shall include final inspection reports by a Registered Civil Engineer for the inspection and testing of materials for the concrete precast members to be built off-site, including concrete cylinder testing, certificates of compliance for all materials used in the precast arched culvert.



County of Santa Barbara

Department of Public Works, Road Division Permit Office

620 W. Foster Road
Santa Maria, CA. 93455
Telephone: (805) 739-8750
Fax: (805) 739-8753

4417 Cathedral Oaks Road
Santa Barbara, CA. 93110
Telephone: (805) 681-4990
Fax: (805) 681-4991

REQUIREMENTS FOR ROAD DIVISION ENCROACHMENT PERMIT

**James J Mitchell Trust & Palmer G Jackson,
Owner**

Cachuma Operation & Maintenance Board, Applicant

**ALL WORK SHALL BE IN CONFORMANCE WITH THE MOST
CURRENT COUNTY OF SANTA BARBARA ENGINEERING DESIGN
STANDARDS AND CALTRANS TRAFFIC CONTROL PROCEDURES.**

PEDESTRIAN AND BICYCLE SAFETY SHALL BE OBSERVED AT ALL TIMES.

GENERAL PERMIT REQUIREMENTS

I. NOTIFICATION REQUIREMENTS

**NOTE: FAILURE TO MAKE ALL REQUIRED NOTIFICATIONS AS OUTLINED IN
THIS SECTION MAY INVALIDATE YOUR PERMIT**

1. The Permittee shall call 805-739-8750 or fax 805-739-8753 (North County) or call 805-681-4990 or fax 805-681-4991 (South County) to give **48 Hours** notice of a work start date and also to request inspections **48 Hours** prior to the desired inspection date. When requested, provide a Work Schedule and an Underground Service Alert (USA) number. (FAILURE TO CONTACT THE ROAD DIVISION MAY INVALIDATE YOUR PERMIT). Normal working hours shall be from 7:00 am to 4:00 p.m. Monday through Friday, excluding holidays and weekends, unless otherwise stated within these permit requirements or as directed by the Senior Road Inspector.
Upon completion of the permitted work activities within the County Road right of way, the Permittee shall notify the Road Division immediately to request a final inspection for acceptance by the Public Works Department Road Division.
2. The Permittee and/or his contractor shall notify Mike Escobar (Signal Technician) at (805) 681-5681 or (805) 896-5577 (48) hours prior to any construction operation within (500) Five Hundred feet of a signalized intersection or immediately if any damage occurs to any traffic signal device. This pertains to Santa Barbara County Road right of way only. Special Note: Intersections shall be as defined within the California Vehicle Code. Refer to Section III: Traffic Requirements at the end of the General Permit Requirements for additional specific requirements.

3. The Permittee is responsible to contact all property owners affected by their construction operation/project a minimum of **48 hours** in advance of start of work or as directed in the special conditions of this permit. If an overlay or slurry seal is required upon completion of work, affected property owners shall be given both a 7-day and 48-hour written notice by the permittee prior to beginning the slurry seal operations. The Permittee shall be responsible in resolving any concerns or complaints that may be lodged by the affected adjacent property owners/residents. Any complaints received by the Santa Barbara County Department of Public Works concerning this work/project will be reviewed by the Road Division Inspector. The inspector will inform/direct the Permittee and/or their contractor to rectify the problem at the Permittee's expense in an expedient manner. If the posting of NO PARKING signs is necessary to facilitate this work project, the Permittee shall coordinate the posting with the Road Division Permit Inspector and the California Highway Patrol. All laws, rules, and regulations of the County Code and the California Vehicle Code Book shall be complied with.
4. If this permit authorizes the complete closure of any road, additional notifications are to be made prior to beginning the work as dictated in the special provisions to this permit.

II. EXCAVATION AND CONSTRUCTION REQUIREMENTS

SPECIAL NOTE: When conflicts in construction criteria occur between other Agencies and the Santa Barbara County Public Works Department, the more stringent provisions shall govern.

1. The Road Encroachment Permit Office shall be provided an Underground Service Alert (USA) number and start date prior to the start of construction. Call 1-800-422-4133 for your U.S.A. "Inquiry Identification" number. The Permittee is also responsible for the continual upgrading of their USA number.
2. Inspection within County road right -of-way shall be performed under the direction of the Road Division Inspector. All materials testing and frequency of testing shall be performed by CALTRANS certified materials testing laboratories and results submitted to the Roads Inspector on a daily basis.
3. All work done shall be done following the safety guidelines of the State of California, "California Administrative Code," Title 8. "Industrial Relations," In Particular, Chapter 4. "Construction and Safety Orders," Article 8. "Explosives," Article 11. "Vehicles, Traffic Control Flaggers, Barricades, and Warning Signs," Section 1597, "Jobsite Vehicles," Section 1598, "Traffic Control for Public Streets and Highways," Section 1599, "Flaggers," and the Standard Specifications and these permit provisions:

Construction Workers: Workers shall, when on foot within the limits of the project or exposed to vehicular traffic, wear orange, strong yellow-green, or fluorescent versions of these colored warning garments such as vests, jackets, or shirts. During rainy weather workers may wear rainwear which complies with these colors.

During hours of darkness, warning garments shall be retroreflective. The retroreflective material shall be visible at a minimum of 1,000 feet. The retroreflective clothing, or the retroreflective material added to the clothing, shall have a minimum of one horizontal stripe around the torso. White outer garments with retroreflective material that meets the above requirements may be worn during hours of darkness in lieu of colored vests, jackets and/or shirts.

Flaggers: Flaggers shall wear orange, strong yellow-green, or fluorescent versions of these colored warning garments such as vests, jackets, or shirts. Rainwear, when worn, shall be of these colors. All flaggers shall wear white hard hats.

During hours of darkness, flaggers' stations shall be illuminated such that the flagger will be clearly visible to approaching traffic. Flaggers shall be outfitted in reflectorized garments that meet the same criteria as those of Construction Workers (see previous).

4. All County Roads shall be bored wherever possible. If open-cut trenching is being requested initially, the applicant shall show just cause as to why it is not feasible to use the boring method. A review by the County Engineering staff shall determine if open-cut trenching will be allowed. No cutting of new paving will be allowed for two years from date of overlay unless there is an emergency (ie: leak in pipe). Maintain a minimum of thirty-six (36) inch cover when using the boring method. If open trench cutting is approved, the Permittee shall adhere to Requirement No. (5) listed below. All pavement cuts shall be sawcut.
5. Trenching Santa Barbara County Road Division Standard Details 1-020 and 1-030 are to be used as guidelines for all trenching operations within the County Road right of way. Trench backfill shall be a minimum one-sack per cubic yard cement slurry backfill in all paved areas to include driveways, "slot bores/trenches," sidewalk, curb and gutter. In the pavement area, the slurry cement shall be poured the entire trench width, from pavement cut to pavement cut, and from 0.50' above the pipe/structure, etc., to the asphalt concrete. The shading backfill 0.50' above the pipe/structure shall be compacted mechanically to the percentages required by current "Traffic Indexes." Maximum shading over pipe/conduit before slurry placement shall be six (6) inches. All slot bores - trenches shall be a minimum of 6 inches in width. Asphalt concrete pavement shall not be placed over the slurry cement backfill until the following day, with or without cement accelerators. Note: Upon request, the Permittee shall provide "Trip Tickets" (slurry cement receipts from the supplier) to the Road Division Inspector. When dewatering is necessary for the construction of this permitted project, a Dewatering Plan shall be required and submitted to the Road Division Encroachment Permit Office for review.
6. Thirty (30) inch minimum cover shall be maintained over any pipe, conduit, structure, etc. within road right of way. Cover shall be measured from existing hardscape (road pavement, sidewalk, etc.) or if an earth cut, shall be measured from the common existing grade average for the area.
7. When cement slurry backfill is placed in trenches outside the paved roadway, it shall be poured to within eight (8) inches of existing finish grade and then backfilled with suitable native material and compacted. When the trench width is less than twelve (12) inches a (1) one-sack cement slurry backfill shall be required.
8. Trench backfill in unpaved areas may be native material, unless such material is determined to be unsuitable by the County Lab Engineer. Trench backfill shall be as directed by Santa Barbara County Road Division Standard Details 1-020 and 1-030. (Note: testing and material samples shall be as directed by the County Materials Lab. Engineer Bill Tracy with the associated costs billed to the Permittee).
9. Maximum density shall be determined by ASTM 1557 test method "C". If coring or testing is required by the Santa Barbara County Department of Public Works to determine the backfill and/or compaction of trenches, the Permittee shall be responsible for all associated costs performed by a CALTRANS certified materials testing company. Copies of all compaction-testing reports shall be provided to the Road Division Permit Office by the end of the work project. The private Materials Laboratory shall submit a Job Completion Statement on their letter-head affirming that the trench or excavation compaction that was tested met the minimum County Engineering compaction specifications.
10. The Maximum length of trench excavated shall be no greater than that which can be backfilled, plated, and pinned by the end of each day. Any deviation requires approval from the Road Division Inspector and/or Engineer.
11. Longitudinal trench excavations in all road locations shall be controlled from the existing gutter lip using the gutter lip as control for the trench. If this is not applicable, then whenever possible, trenching operations shall be conducted within the "center" portion of the travel lane. Special Note: No trenching shall be allowed within the "winged" flow line of the roadway. The unpaved earth shoulder should always be the first option for trenching if possible.
12. All excavated material shall be hauled from the work zone immediately. No stockpiling shall be allowed in the County Road right of way, without prior approval from the Road Division Inspector. Stockpiling shall also be in compliance with the State Standard Specifications, Standard Plans and Special Provisions. If the

stockpiling affects property not controlled by the County Road Division, the Permittee shall obtain permission directly from the party affected. Additionally, the Permittee shall not stage, stockpile or operate any equipment outside the permitted work zone without the written or verbal approval of the Road Division Inspector. The permitted work zone is as defined in the CalTrans 1996 "Manual of Traffic Controls" for Construction and Maintenance Work Zones. Where a Permittee has placed an obstacle within twelve (12) feet of a lane carrying public traffic, the Permittee may be required by the Road Maintenance Manager or the County Traffic Engineer to install temporary railing (Type K).

13. No ponding or jetting of trenches will be allowed.
14. Plowing will not be allowed in the County Road right of way.
15. Trenches shall be maintained by the use of steel plates. Note: Plate bridging details shall be provided by the Permittee upon request and shall comply with Section 602.1 of the CalTrans Encroachment Permit Manual - Provide a Non-Skid Surface. Under no circumstances shall fiberglass plates, plywood or other non-D.O.T. approved materials be used as a covering for an excavation. The Permittee shall be responsible and liable for the cost and maintenance of securing the steel plates which are to be continuously safe to travel over. "ROUGH ROAD" or similar signage shall be required to be placed per CalTrans Manual of Traffic Controls or per direction of the road inspector. The signs shall be maintained and monitored at the Permittee's expense. "COLD MIX" material shall be placed and tamped around all sides of the steel plates per direction of the Road Division Inspector. Cold mix may not be required if the steel plates are beveled. All plating shall be pinned to help eliminate movement and wedges installed if necessary to help level out an uneven road surface. Steel plates shall not be left in the traveled roadway for a period of time of more than seven (7) days unless the County Inspector specifically approves a longer period of time. Plates are to be used only as a **temporary** method of covering an excavation. The Permittee shall be responsible to inspect and monitor steel plates continuously and to immediately correct any unsafe condition that may occur during their use. If an unsafe condition occurs and County personnel or a County contractor is called upon to immediately correct the unsafe condition to prevent harm or damage to the traveling public, all associated costs (time, labor, materials, etc.) shall be borne by the Permittee. Any damages or costs whatsoever that may arise from the placement of steel plates within County Road right of way shall be the responsibility of the Permittee. The Permittee shall rectify all complaints regarding the use of steel plates.
16. The Permittee shall as prescribed by Federal legislation, comply with all provisions of the Occupational Safety and Health Act (OSHA) Standards to include Subpart P - Excavations. (29 CFR Part 1926.650-.652). Special Note: An Excavation Permit shall be obtained from the Division of Occupational Safety and Health (DOSH) for any project involving the construction of any trench or excavation (including utility, foundation, and retaining wall construction involved within the excavation) which are five feet or deeper and into which a person is required to descend. As stated within this requirement, it is the responsibility of the Permittee to obtain this permit if required. The Permittee is also responsible for submitting a Safety Plan that shall outline the safety requirements to be adhered to at all excavations and work sites. The Permittee is responsible to provide and implement all safety measures required by law at his/her expense related to this project. This shall apply continuously seven days a week, 24 hours a day until the work project is complete and has been approved and signed off by the Road Division Inspector. The Permittee is liable for any and all damage or injuries that may occur as a result of his/her failure to implement/maintain the necessary safety measures as outlined above and as prescribed by County, State, and Federal law.
17. All pavement areas shall be re-paved with a structural section equivalent to the existing section, or a minimum 0.3' of Asphalt Concrete (A.C.) over Cement Slurry if the Traffic Index is less than 5.5. If the Traffic Index is 5.5 or greater, a minimum of 0.5' of A.C. shall be placed. If the existing pavement structural section is greater than the above specifications, that greater section shall apply. Note: "Cold Mix" shall be replaced by "Hot Mix" within (7) seven days of slurry backfill as outlined in Ordinance No. 1491, Section 22 or as directed by the Road Inspector. All "Cold Mix" shall be painted with the color codes as designated by Underground Service Alert, Assembly Bill Number 73, Section 4216.3 and remain until replaced with "Hot Mix"). All asphalt paving operations shall be in compliance with applicable sections of Section 39, Asphalt Concrete of the most current State Standard Specifications. The smoothness tolerances shall be as outlined in Section 39 of the current CalTrans Standard Plans and Specifications. The minimum structural section is outlined in the current Santa Barbara County Road Division Standard Details, Section

1-010. Damage to or displacement of existing A.C. (asphalt concrete) at any location related to this project shall be thick lifted using 1/2 inch A.C. mix as directed by the Road Division Inspector.

18. **Pavement Restoration:** In the event that a slurry seal is required, a proposed mix design shall be submitted to, and approved by, the Roads Division permit office prior to placement of the slurry seal. A minimum of a Type II Slurry Seal beyond the edge of the trench (both sides of trench) may be required at completion of all pavement replacement. Additionally, if there is 2 feet of pavement or less remaining adjacent to the edge of the road (edge of pavement, E.P.) permittee shall apply a slurry seal to this area. A 0.13' overlay shall be required if the slurry seal does not adequately cover the replaced pavement area. In the event that an overlay is required, shoulder backing may be required at the direction of the Road Division Inspector. If construction work causes additional damage to the pavement outside the trenched areas, additional pavement restoration shall be required. Any saw-cut lines left in the road right of way shall be sealed with a "crack-seal" compound approved by the County Materials Lab. Engineer. The Santa Barbara County Public Works Department shall make the final determination as to the type of pavement restoration to be applied. (Note: The trenching/construction operation may be videotaped by Santa Barbara County Inspection personnel prior to commencement of construction operations). Special Note: Pavement Restoration shall be commensurate to the two (2) previous years of road repair, e.g. slurry seal, overlay, etc., and be completed in "kind" within (60) days after final pavement replacement. The asphalt binder shall be Grade PG-64-16. If necessary and/or required by the Public Works Department, you may seal the "hot patch" immediately with straight (full strength) SS1H and then within 2 weeks apply the pavement restoration. Pavement restoration specifications shall be submitted prior to restoration work for review and approval.
19. All pavement markers and striping shall be replaced or restored to pre-permit condition. NOTE: Markers and striping shall be per the County General and Special Provisions and the current CalTrans Standard Plans. Note: See CalTrans STD. Plan A202 for additional criteria. These will be provided upon request. If the removal of existing striping is necessary, the striping shall be obliterated by sand blasting or grinding only. No painting over of striping shall be allowed within road right of way. Current County, State and/or Federal sandblasting rules and regulations shall be adhered to. Protection of the public during sandblasting is mandatory. Any proposed striping removal shall be approved by the Public Works Transportation Engineering Division prior to the scheduling of such removal.
20. **Concrete:** All concrete that is to be removed shall be sawcut and removed to the next expansion joint or score mark. All cuts are to be perpendicular to the curb & gutter with no longitudinal cuts. No diagonal cuts shall be allowed. For construction criteria relating curb, gutter, sidewalks and ramps, see Road Standard Detail(s) 3-100, 3-110, 4-040 and 4-060. All concrete construction to include ramps shall be in accordance with the most current American Disability Act (A.D.A.) requirements.
21. The construction of residential and/or commercial driveways shall be per Santa Barbara County Public Works - Road Division Standard Details and as directed by the County Traffic Engineer; the Senior Development Engineer and/or the Road Division Inspector. The repair and maintenance of all hardscape, i.e.: driveway aprons, wings, sidewalk, curb & gutter, etc., shall be the responsibility of the property owner (Permittee). See Section 4-2.08 of the Santa Barbara County Engineering Design Manual for additional criteria. If applicable, driveways shall conform to equestrian trail guidelines where trails have been established. Maximum height of driveway lip at gutter line is 1/2". No saw cutting of asphalt concrete (A.C.) pavement shall be allowed without first consulting with the Road Division Inspector. When joining existing concrete with new, steel doweling shall be required. Historical drainage flow shall not be altered. If the driveway approach is not constructed/finished to engineering design standards it may be required to be removed and replaced at the Permittee's expense. All laws, rules, and regulations of the State of California, Department of Consumers Affairs, Contractors License Board shall be adhered to and complied with at all times when performing any work operation within the Santa Barbara County road right of way.
22. The Permittee shall maintain a clean and orderly work zone free and safe from debris and construction materials generated by this project. Final appearance of the project shall be returned to a pre-permit condition as directed by the Road Division Inspector. The aesthetics of the roadway shall be as it was or better than before work started. This shall include bike lanes, pedestrian and equestrian paths. Dust control measures shall be the responsibility of the Permittee. The Permittee at Permittee's expense shall resolve any complaints. Any over-spill of dirt, concrete, etc. associated with the Permittee's work project on the

paved roadway or earthen road shoulder shall be monitored and cleaned up as it occurs at the Permittee's expense.

23. All miscellaneous facilities, i.e.: fences, walls, vaults, power supplies, pedestals, backflow devices, meters, pedestals, mailboxes, etc., constructed within the County Road right-of-way, shall adhere to the Sight Distance Requirements as outlined in Section 405.1 of the CalTrans "Highway Design Manual" and current County policy. Aboveground facilities may be required to be "screened" (fencing, wall, vegetation, etc.) at the expense of the Permittee. Any noise producing system that is proposed to be installed within the road right of way shall be disclosed at time of application submittal.
24. "Fixed Objects" e.g.: electrical poles, power supplies, vaults, pedestals, backflow devices, check valves, meters, walls/fences, etc., within the County Road right of way, shall be placed as directed by the CalTrans Traffic Manual, Chapter 7, the Roadside Design Guide, American Association of State Highway and Transportation Officials (AASHTO) 1989; the Highway Design Manual and current County policy as directed by the County Traffic Engineer and the Road Division Engineer. Any exceptions to this procedure shall be reviewed and approved by the County Traffic Engineer prior to any construction operation. If the replacement/removal of the fixed object(s) is required by the County Traffic Engineer, all costs shall be borne by the Permittee.
25. If existing public or private utilities conflict with the construction of this project, the Permittee shall make the necessary arrangements with the owners of such utilities for their protection, relocation and removal. The Applicant shall provide the inspection for the protection, relocation and removal of such utilities, if not accomplished by the utilities themselves. The responsibility for any and all costs related to inspection, permit fees and liabilities, shall be borne by the Permittee. Utility companies performing relocation work in the County Road right-of-way are required to obtain a County Road Division Encroachment Permit prior to the performance of the relocation work. Any relocated utilities shall be correctly located and identified on the final AS-BUILT plans. This requirement applies to public and/or private utilities as well. Special Note: If at a future date the Director of Public Works or his designee determines that this permitted project is in conflict with a County project, code, ordinance, or statute, a Community Plan, the traveling public, or accepted engineering and/or safety criteria, etc., all conflicting facilities installed under this permitted project shall be removed immediately at the Permittee's expense. See County Code - Chapter 28, Article 1 - Section 28-34 for additional criteria).
26. Preservation of Monuments: Any monument, benchmark or precise survey reference point shall not be removed without prior approval by the Department of Public Works. If the removal or replacement is allowed, all costs associated with this operation shall be borne by the Permittee as outlined in Section 48, of County Ordinance No. 1491.
27. Bike paths shall be restored according to the CalTrans Highway Design Manual Chapter 1000, "Bikeway Design." The base material shall be 0.50' foot Class II aggregate base. A safe minimum passageway of 4 feet shall be maintained through the work area, where pedestrian or bicycle facilities exist.
28. Special Sanitary Note: It is the responsibility of the Permittee to contact the appropriate sanitary district and obtain all required permits, clearances, etc., prior to the start of any sanitary construction activity. This contact of the district by the Permittee is specifically related to any sanitary construction activity that occurs within the County Road right of way. Manhole installations, sewer lines, covers, etc., shall be equal to County Specified Alhambra Foundry Co. products as shown in the County Road Standard Details. Any covers or facilities used or placed in bike paths, shall also be in accordance with the above and compatible with the appropriate sanitary district.
29. All drainage and erosion Control shall be per the Santa Barbara County Road Excavation Ordinance No. 1491 and/or the Santa Barbara County Grading Ordinance No. 3937. Any deviation from this requires approval from the Senior Development Engineer, County Grading Inspector, and/or the Road Maintenance Manager. All drainage and erosion control plans and/or calculations shall be submitted to the Road Division Permit Office for review and approval by the Senior Development Engineer or Flood Control Engineer, prior to construction. Special Note: The Permittee shall be responsible for correcting drainage and erosion problems resulting from their operations at the Permittee's expense. Additionally, the Permittee

shall be responsible and liable for the immediate clean up of all mud and/or debris deposited onto the roadway as a result of their operation. The Permittee at Permittee's expense shall rectify any complaints or damages occurring from the Permittee's work project.

30. Any existing drainage flow lines, channels, etc., along County Roads shall be maintained by the Permittee or as directed by the Road Division Inspector. Drain lines to be placed through the curb face shall be a maximum of three inches in diameter and shall be cored. All other drains shall be as stated within Section 2-070 of the Santa Barbara County Road Division Standard Details entitled "Sidewalk Drain." The Permittee is responsible to maintain the structural integrity of sidewalk, driveway approach, curb areas where the drain/ irrigation pipe is installed.
31. Creek, Channel and/or Slope "Protection" shall be as stated in Detail Nos. (1 & 2) plates B-13-1 and B-13-2, outlined in the CalTrans Standard Plans, dated July 1992. Section (72) of the CalTrans "Standard Specifications," dated July 1992, may also be used as additional construction criteria. Erosion Control (Type D) shall conform to the provisions in Section 20-3, "Erosion," of the Santa Barbara County Standard Specifications and Special Provisions to be provided upon request. Final "slope" protection construction shall be as directed by the Santa Barbara County Flood Control Engineer, Road Maintenance Manager or Superintendent and/or Road Division Engineer.
32. Storm drain systems that are constructed within the County Road rights of way, shall be reviewed and approved by the Santa Barbara County Flood Control Manager and the Road Maintenance Manager. For installation of storm drains, see Road Standard Detail No. 1-040 for bedding and backfill requirements. Drop inlets shall be constructed per Santa Barbara County Road Division Standard Detail No. 2-025 with Class "A" concrete utilized on the bottoms and sides of these facilities.
33. Santa Barbara County Bridges, Box Culverts, etc. - Prior to the placement of any facility onto or within a bridge, box culvert, etc., and/or its abutment, all plans shall be reviewed and approved by the Santa Barbara County Bridge Engineer. Plans shall include as a minimum, location of proposed facilities; type of hangers/hardware; weight calculations, specifications, etc.
34. All landscaping shall conform to County requirements. A landscaping plan shall be submitted for approval with species, placement, quantities, etc. shown along with trees, shrubs, groundcover, etc. Sight distance, fixed object criteria, will be evaluated before plan is approved. Plan shall include irrigation facilities and a statement identifying the responsible party to water, and maintain the landscaped area within road right of way. All trees proposed shall adhere to the County Approved Tree List and if within ten feet of any hardscape (A.C. pavement, concrete, etc.) tree root barriers may be required. If a plan is not required, landscaping shall be replaced in kind to pre-permit condition. See County Ordinance No. 3703 for additional details. Contact the Road Division Permit Office for additional criteria.
35. It is the sole responsibility of the Permittee to "obtain and comply" with all applicable permit conditions, requirements and clearances from all Santa Barbara County Departments/Agencies, including Public Works, Planning & Development, etc., other Public Agencies, and any Community Plan (i.e.: Montecito Community Plan) approved and adopted by the County Board of Supervisors; including pertinent rules and regulations of the State of California and Federal Government pertaining to the above mentioned project, prior to the issuance of the Road Division Encroachment Permit. If this permit has been issued and it is determined that the Permittee has not obtained all permits required by law, this permit shall be "invalidated."
36. If any portion of this project enters into a known Native American/Chumash archaeological site, the Permittee shall be responsible for obtaining all clearances from other departments and agencies. This includes a Coastal Development Permit if necessary and any other applicable Permits required while performing work activities within a known Chumash site. The Permittee shall be responsible for all costs and liabilities incurred with their operation. Should any archaeological resources be revealed in the work vicinity or discovered during construction, the Permittee shall stop work in the immediate vicinity of the find and notify the Department's representative. The Permittee shall be responsible for costs associated with the evaluation of those finds, based on the recommendations of the archaeologists and the Native American monitor. Contact the Planning & Development Department for additional criteria.

37. The Permittee shall show proof that notice of construction has been given to all occupants and owners of real property located within the perimeters of the construction operation. This Notification compliance shall include all schools and/or agencies responsible for children. Whenever required by the Public Works Department, the Permittee shall provide at their expense crossing guards, etc., to facilitate the safe movement of children. Notification requirements and compliance shall be as outlined by the Public Works Department and the Planning & Development Department.
38. When inclement weather is imminent, the Permittee shall take the necessary precautions to adequately protect the project site. (Note: The Road Division Inspector may require additional site protection).
39. The Permittee may be required to obtain a Haul Permit prior to beginning construction activities at the discretion of the Road Encroachment Permit Office. If the Permittee is required to apply for a haul permit, a proposed Haul Route shall be submitted to the Road Encroachment Permit Office for review and approval at least 7 days prior to the start of construction. The haul route is required to cover the routes used for transporting any and all construction materials, i.e.: pipe, fittings and/or miscellaneous equipment. The materials shall be hauled under the following conditions: The Permittee assumes all liability for accidents resulting from their operations; accepts all clean up and road repair as directed by the Road Division Inspector and/or Engineer.
40. The Road Division Encroachment Permit Package shall be kept at the work site and must be shown upon request to any Department of Public Works representative. If this is not adhered to, it shall be considered to be a violation of permit requirements, and the work may be stopped or suspended if this requirement is not complied with immediately.
41. This permit is issued with the understanding that it does not establish a precedent. This encroachment permit is issued at the discretion of the Road Commissioner and the County Department of Public Works Road Division. It may be revoked or modified, at any time, at the sole discretion of the County of Santa Barbara, acting through the Road Commissioner and the Road Division. This encroachment permit does not grant the Permittee or the Permittee's successors or assigns any ongoing interest in the occupancy or use of the County road right-of-way or any improvements in the right-of-way except as specifically stated in the permit and while the permit is in force.
42. Unless stated within this road encroachment permit, or separate agreement, all costs incurred for work within the County Road rights of way, pursuant to this road encroachment permit shall be borne entirely by the Permittee. The Permittee hereby waives all claims for indemnification or contribution from the County of Santa Barbara for any such work. Indemnification shall be as outlined in the California Civil Code.
43. No party other than the Permittee or the Permittee's agent is allowed to work under this road encroachment permit.
44. The Permittee agrees, by the acceptance of this road encroachment permit, to properly maintain any encroachment within the County Road rights of way associated with this operation. This will include the inspection and repair of any damage to County facilities resulting from this road encroachment. The Permittee is responsible for the cost of all restoration, repair and County services resulting from the permitted work by authority of County Code and the Streets and Highways Code.
45. If any additional services of the Public Works staff are required, including Roads accounting, after payment of the initial Permit fee, the Permittee will be billed accordingly. Overtime compensation shall be paid at the current County rate and shall mean and include work prior to 7:00 a.m. and subsequent to 4:00 p.m., whether or not the total time of the work or improvement herein described exceeds eight hours on the date such overtime occurs. Overtime shall also include all work on Saturdays, Sundays or holidays as defined in the California Government Code, Section 6700. Bills are due and payable upon receipt. Denial for nonpayment of fees: Failure to pay Permit fees when due may result in rejection of future applications and denial of permits. All Permit fees/billings shall be paid before any Occupancy Clearance is granted.

46. The Permittee shall file the necessary bond(s) in advance, in the amount set by this Department. Failure to maintain bond(s) in full force and effect will result in suspension of all work and permit(s). Bonds are not required of public corporation or privately owned utilities, unless said Permittee failed to comply with provisions and conditions under a prior permit. Your surety (insurance) company will be responsible for any latent defects until such time as is provided for in the California Code of Civil Procedures, Section 337.15.

III. TRAFFIC REQUIREMENTS

1. The Permittee upon request shall submit a TRAFFIC MANAGEMENT PLAN to the Traffic Section, of the Santa Barbara Public Works Department, for review. This Plan shall be submitted no less than 7 days prior to the start of construction. This plan shall be for any encroachment and/or traffic operation performed on any county road, pedestrian path or bikeway. Work Area Traffic Control shall be in accordance with recognized standards (i.e.: 1996 CalTrans Manual, WATCH, MUTCD, California Joint Utility Traffic Control Committee, etc.) Deviations from recognized traffic standards may necessitate that a registered traffic engineer at the Permittee's expense prepares plans. This requirement shall be as directed by the County Public Works Department. Traffic Control Signing shall be in place forty-eight (48) hours prior to start of construction, and remain in place day or night for the duration of the construction operation. (FAILURE TO COMPLETE SIGNING MAY INVALIDATE YOUR PERMIT).
2. During working hours, a minimum of (1) 10 foot travel lane with Flaggers as required by the Road Division Inspector shall be maintained. Note: See CalTrans Standard Plan - Plate T13 or T-11 for additional criteria. During non-working hours, all travel lanes shall be open unless otherwise approved twenty-four (24) hours in advance by the Road Division Inspector.
3. Driveway or Parking access shall be interrupted only after 2 days advance notice by the Permittee to the property owner(s) affected. Driveway access shall be provided by the use of steel plates.
4. The Permittee shall immediately (within 24 hours) repair and/or replace all damaged Traffic Signal Devices, at his own cost. Note: See CalTrans Standard Specifications, Section 86-1.05 for additional details. "No Parking" on loop detectors will be allowed without prior approval from the Road Division Inspector. Special Note: If services are required of the Santa Barbara County Traffic staff as a result of damage to traffic devices during construction operations, the Permittee will be billed accordingly.
5. Working hours within Signalized Intersections shall be from (9:00 a.m. to 3:00 p.m.), Monday through Friday, or as directed by the Road Division Inspector. If Permit working hours is not adhered to, this Encroachment Permit may be subject to revocation. Any deviation from this schedule requires prior approval from the Road Division Inspector. Special Note: the Permittee and/or their contractor shall immediately comply with all direction given by Traffic Division staff. Any person who fails, neglects, or refuses to comply with any requirement shall be in violation of Section 28-53 of Chapter 28, Article 1 of Ordinance No. 1491. All violations of this or any other section of this chapter shall be strictly enforced. No saw cutting within or near a signalized intersection shall be performed within twenty-four (24) hours of the weekend. This specifically refers to work operations on Fridays, Saturdays, Sundays and holidays without prior written approval from the Road Division Inspector.
6. Work shall be planned and conducted as to create the least possible inconvenience to the traveling public. Traffic shall not be unreasonably delayed. The Permittee is authorized to place properly attired flaggers to stop or warn the traveling public. All flagging shall be in compliance with the current CalTrans "Manual of Traffic Controls".
7. All Road Closures shall be covered under an additional Road Encroachment Permit. This permit will cover working hours; traffic detours; the notification of emergency services i.e.: Sheriff, Fire, C.H.P., M.T.D.,

American Medical Response (ambulance) etc., local residents; schools; commerce; fees and special permit requirements.

NOTE: Failure to make all required notifications in advance of construction or to adhere to "any" permit requirement may invalidate this permit and result in forfeiture of bonds. In addition penalty fees may be imposed. Failure to complete "any" permit requirement, may also result in the denial of future permits.

I hereby acknowledge and accept receipt of this Road Encroachment Permit and its Requirements and fully understand my responsibility as the Permittee to abide by and comply with all requirements contained herein.

Signature: Timothy H. Robinson Phone 805-687-4011
Print Name: Timothy H. Robinson Date 11/3/08

Special Note: Ordinance Number 1491 Section #22 – Commencement of Completion of Work:
"Except in the case of annual permits, every permittee shall commence the proposed work within thirty (30) days after the granting of the permit or within such other time from thirty (30) days minimum to sixty (60) days maximum as the Road Commissioner shall specify, (or in the case of special single permits set out in Section 21 above, within thirty (30) days from the date when such permit becomes effective as to the particular job concerned) and thereafter shall prosecute the work to completion in a diligent and workmanlike manner and restore roads to their condition or as near as may be possible. The Commissioner may, for good cause excuse delay in commencement or completion of such work. In the event of unexcused delay or failure to commence, carry out or complete such work in the manner provided herein, the Commissioner may, in addition to any other remedies he may have, terminate or suspend such permit by notice in writing effective immediately upon personal delivery to permittee or his agent, or twenty-four hours after being deposited in the United States Mail addressed to permittee at the address shown on the application for permit except that the Commissioner may elect to have the work completed and the cost thereof charged to the permittee. Thereafter, no work shall be done under said permit unless and until it is reinstated by the Commissioner."

EXHIBIT C TO MASTER AGREEMENT

ADDENDUM NO. 2 TO MASTER AGREEMENT BETWEEN THE COUNTY OF SANTA BARBARA AND THE CACHUMA OPERATION AND MAINTENANCE BOARD FOR THE MAINTENANCE OF ROADWAY AND CULVERT IMPROVEMENTS FOR QUIOTA CREEK CROSSING NUMBER 2 AT REFUGIO ROAD

This Addendum To Master Agreement (“Addendum No. 2”) is entered into on _____, 20__ between the County of Santa Barbara (“County”) and the Cachuma Operation And Maintenance Board (“COMB”).

RECITALS

A. On _____, 2012, the parties entered into a “Master Agreement Between The County Of Santa Barbara And the Cachuma Operation And Maintenance Board For The Maintenance Of Roadway And Culvert Improvements For Quiota Creek Crossings At Refugio Road” (“Master Agreement”).

B. In Fall 2011, COMB completed roadway, culvert and streambed improvements (“Improvements”) to Quiota Creek Crossing No. 2 (the “Project”). The Project location is approximately 2.57 miles upstream of the confluence of the Santa Ynez River. (Latitude 34.56239 N, Longitude 120.08847 W). The Project location is set forth in Exhibit “1,” attached and incorporated by reference herein. A depiction of the Project improvements is attached as Exhibit “2” and incorporated by reference herein.

C. The County issued COMB a conditional road encroachment permit for the Project. Upon COMB’s completion of the Project, the County issued COMB a final road encroachment permit. A copy of the final permit is attached as Exhibit “3” and incorporated by reference herein. The County acknowledges and agrees that COMB complied with all requirements of the final permit in construction of the Project and, notwithstanding any provisions to the contrary in Exhibit “3,” COMB has no further obligations to the County under the final permit.

NOW, THEREFORE, in recognition of an exchange of valuable consideration, the parties agree as follows:

1. Quiota Creek Crossing No. 2. The County hereby accepts ownership of the roadway and culvert improvements at Quiota Creek Crossing No. 2 in accordance with the terms of the Master Agreement, which provisions are incorporated herein by reference as if set forth in full. The County shall not be responsible for maintenance or repair of non-roadway or streambed improvements.

2. Incorporation Of Recitals. The foregoing Recitals are incorporated herein by reference as if set forth in full.

THIS ADDENDUM NO. 2 TO MASTER AGREEMENT is entered into between the parties as of the date first set forth above.

COUNTY OF SANTA BARBARA

By: _____
Director, Public Works Department

CACHUMA OPERATION AND MAINTENANCE BOARD

By: Bruce A. Mowry, Ph.D., P.E.
General Manager

Exhibit 1: Project location (a) within the Santa Ynez River watershed and (b) on a topographic map.

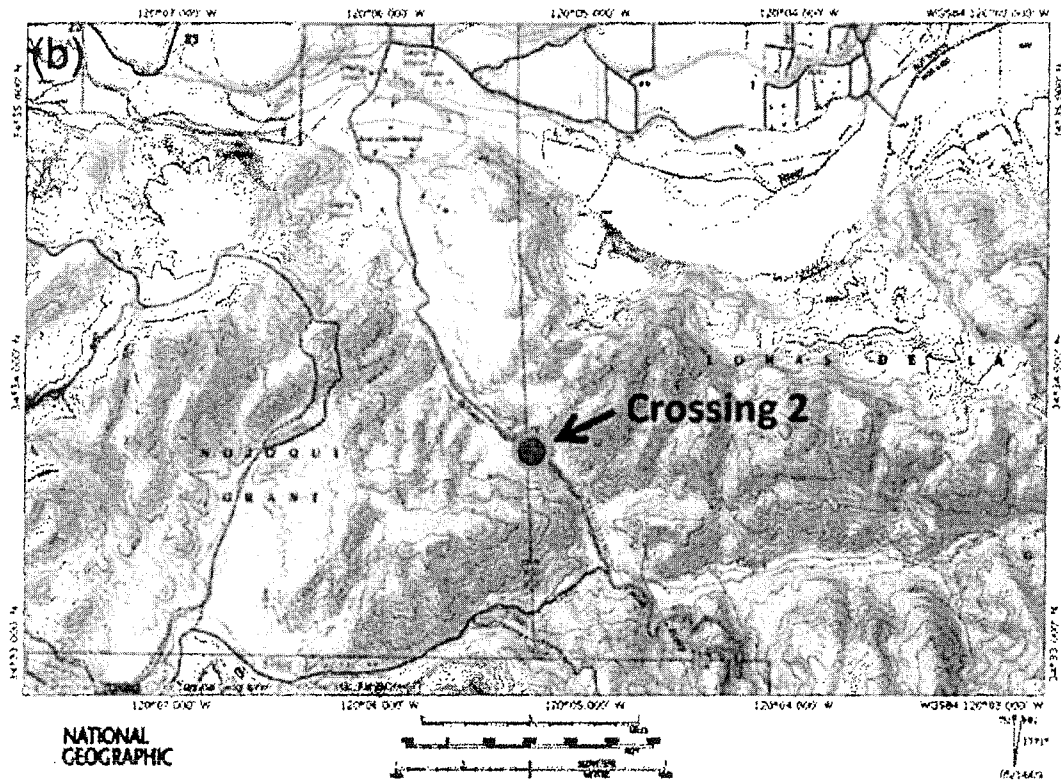
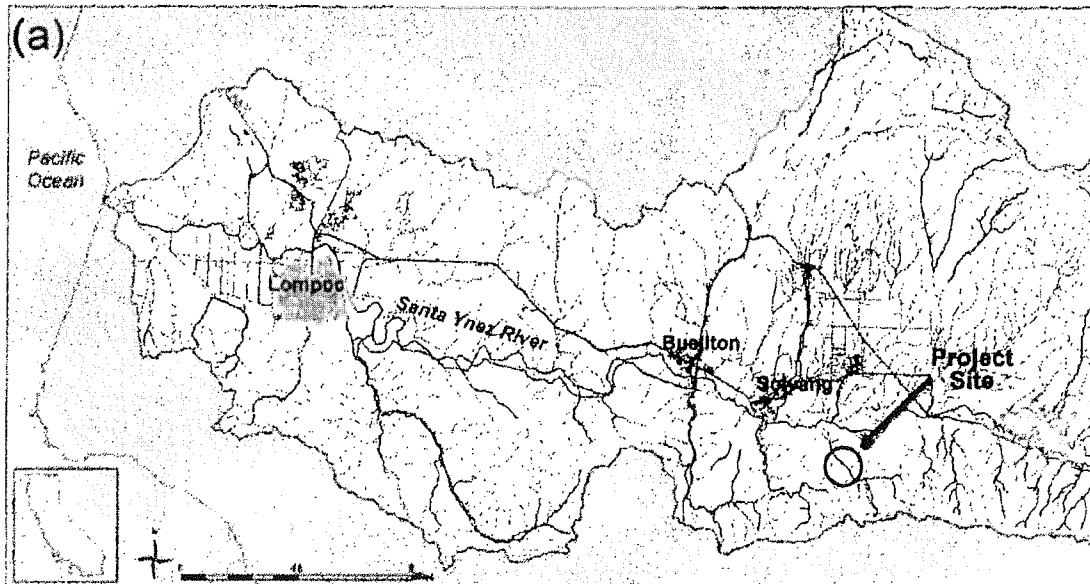


Exhibit 2: Project layout from the As-built drawings.

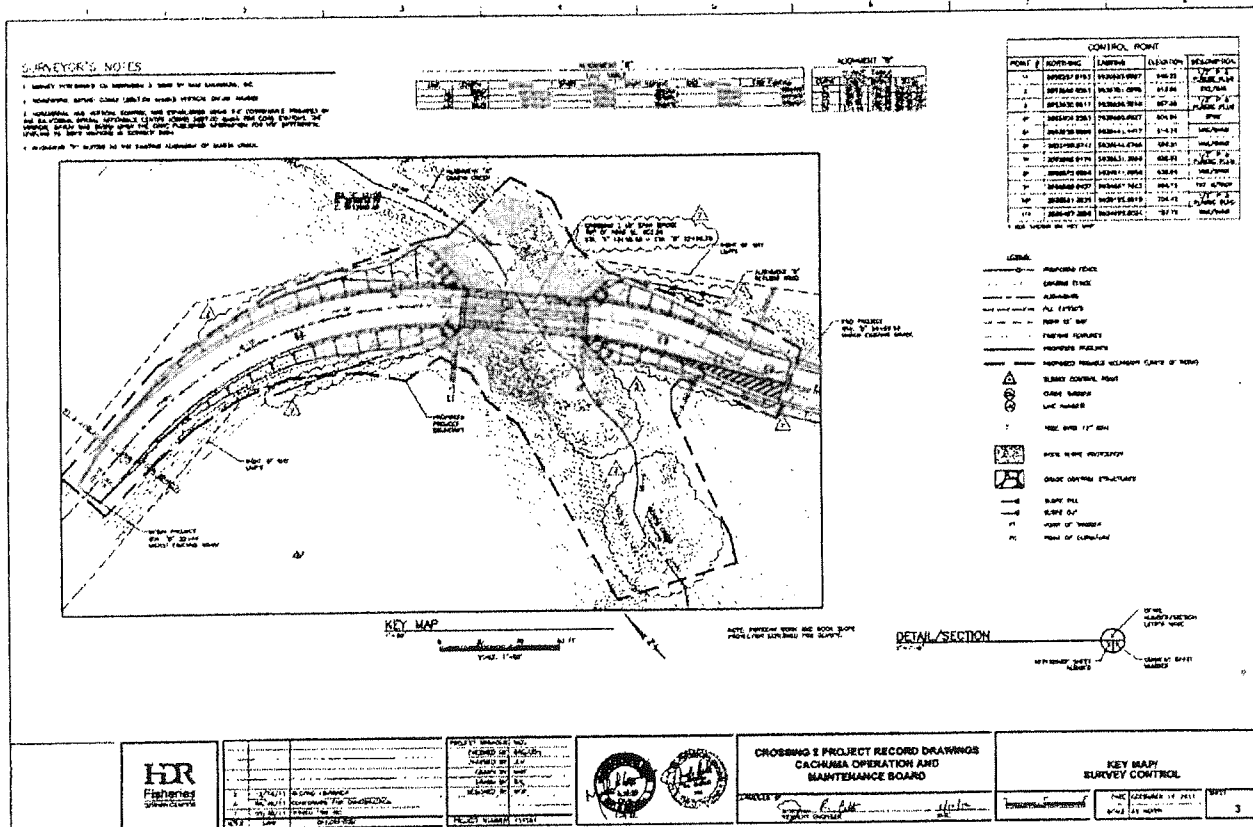


EXHIBIT 3 TO ADDENDUM NO. 2
(MASTER AGREEMENT)



COUNTY OF SANTA BARBARA
DEPARTMENT OF PUBLIC WORKS - TRANSPORTATION
ROAD ENCROACHMENT PERMIT

PERMIT NO. 040146C

DATE July 27, 2011

ROAD NAME REFUGIO RD

INSPECTION REQUIRED - SEE ATTACHED REQUIREMENTS

OWNER: PALMER G. JACKSON TRUST/ PAUL A. SLAVIK TRUST - 2300 E VALLEY ROAD, SANTA BARBARA, CA
(name) (address)

APPLICANT: CACHUMA OPERATION & MAINTENANCE BOARD - TI 3301 LAUREL CANYON ROAD, SANTA BARBARA, CA 93105-2017
(name) (address)

hereby makes application for permit to excavate and/or encroach in the Public Road/Right-of-Way at the location(s) and as described herein, subject to the provisions required by Ordinance No. 1491, of Santa Barbara County, applicable State or Federal Regulations, AND ANY SPECIFIED REQUIREMENTS ATTACHED HERETO.
In consideration of the granting of this permit the applicant agrees to defend, indemnify and save harmless the County of Santa Barbara its officers, agents and employees from any and all claims, demands, damages, costs, expenses (including attorney's fees), judgments or liabilities arising out of this permit or occasioned by the performance or attempted performance of the permit and any SPECIAL PROVISIONS of the permits herof including but not limited to, any act or omission to act on the part of the applicant or his agents or employees or other independent contractors directly responsible to him; except those claims, demands, damages, costs, expenses (including attorney's fees), judgments or liabilities resulting from the sole negligence or willful misconduct of the COUNTY. It is further agreed that if any facilities placed in the excavation or obstruction for which this application is granted and approved as a permit, shall become incompatible with future travel by the general public, then the applicant or its assigns or successors will, either remove such facilities in cases where such removal is necessary or in cases where the use thereof has been or is to be abandoned, or in other cases, applicant or its assigns or successors, will relocate such facilities at a location designated by the Commissioner, as provided in Section 30 and 30.1 of Ordinance No. 1491 of the County of Santa Barbara.
The provisions of the foregoing sentence shall not apply in any case where the easement for the facilities was in existence prior to the existence as such of the public highway concerned herein.

DESCRIPTION OF ENCROACHMENT:

This addendum permit authorizes the Cachuma Operation & Maintenance Board to replace the existing Quiota Creek crossing # 2, with a bottomless precast arched bridge for the Quiota Creek Fish Passage Enhancement Project. This permit is issued with attached plans prepared by Michael C. Garelo P.E. # CE68106 of HDR Engineering and dated 06/28/11. Also attached and made a part of this permit, are Special Permit Provisions that shall be incorporated into the final 'approved for construction' plans. Traffic control shall be per the latest edition of the Caltrans "T" series, the MUTCD or per the Road Division Inspector. A minimum of 48 hours prior to the starting or covering any work, please notify Roads Division Inspector at (805) 681-4990.
NOTE 1: Road Closure to be per Item # 9 of the "SPECIAL PROVISIONS"
NOTE 2: Creek bed and any debris plugging the bridge shall be maintained by the Cachuma Operation & Maintenance Board in perpetuity.

NOTE 3: All work of this Addendum permit shall be in accordance with the Original Permit, attachments and applicable sections of the Santa Barbara County Road Division Encroachment Permit Requirements including the attached "SPECIAL PROVISIONS" and the latest revisions and edition of the Caltrans and County Engineering Design Standards.

Location of Encroachment: REFUGIO RD, SANTA YNEZ - CROSS STREET: (QUIOTA CREEK CROSSING #2)
APN # _____ U.S.A. # _____ Tract # _____ File # _____
Contractor _____ Bldg. Permit # _____
Contractor Phone _____ Start Date _____

Permit Received By:
Signed [Signature] Date 7/27/11
Business Address 3301 LAUREL CANYON ROAD
City, State Zip SANTA BARBARA, CA 93105-2017
Phone (805) 687-4011
Attachments Yes X No _____

Issuance Fee	_____
Inspection Fee	_____
Plan Check Fee	_____
Pavement Cut Restoration Fee	_____
Restoration Bond Deposit	_____
Bond No: <u>NO FEE</u>	TOTAL FEES _____
Most recent Receipt: <u>X</u>	Receipt Check No: _____
CASH _____ CHECK _____	Paid to Date (all receipts) _____

Approved _____ Date 7-27-11
The work indicated on this permit is complete and acceptable.
Inspector [Signature] Date 2-17-12

VOID IF WORK IS NOT STARTED IN 30 DAYS AND CONTINUED TO COMPLETION
WHITE - APPLICANT COPY CANARY - FILE COPY PINK - INSPECTION COPY **APPLICANT COPY**



County of Santa Barbara

Department of Public Works, Road Division Permit Office

620 W. Foster Road
Santa Maria, CA. 93455
Telephone: (805) 739-8750
Fax: (805) 739-8753

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Santa Barbara, CA. 93110
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REQUIREMENTS FOR ROAD DIVISION ENCROACHMENT PERMIT #040146C

**Refugio Rd Crossing #2 Bridge @ Quiota Creek
New Prefab Concrete Bridge – Fish Passage Improvement**

**ALL WORK SHALL BE IN CONFORMANCE WITH THE MOST
CURRENT COUNTY OF SANTA BARBARA ENGINEERING DESIGN
STANDARDS AND CALTRANS TRAFFIC CONTROL PROCEDURES.**

PEDESTRIAN AND BICYCLE SAFETY SHALL BE OBSERVED AT ALL TIMES.

GENERAL PERMIT REQUIREMENTS

I. NOTIFICATION REQUIREMENTS

**NOTE: FAILURE TO MAKE ALL REQUIRED NOTIFICATIONS AS OUTLINED IN
THIS SECTION MAY INVALIDATE YOUR PERMIT**

1. The Permittee shall call 805-739-8750 or fax 805-739-8753 (North County) or call 805-681-4990 or fax 805-681-4991 (South County) to give **48 Hours** notice of a work start date and also to request inspections **48 Hours** prior to the desired inspection date. When requested, provide a Work Schedule and an Underground Service Alert (USA) number. (FAILURE TO CONTACT THE ROAD DIVISION MAY INVALIDATE YOUR PERMIT). Normal working hours shall be from 7:00 am to 4:00 p.m. Monday through Friday, excluding holidays and weekends, unless otherwise stated within these permit requirements or as directed by the Senior Road Inspector.
Upon completion of the permitted work activities within the County Road right of way, the Permittee shall notify the Road Division immediately to request a final inspection for acceptance by the Public Works Department Road Division.
2. The Permittee and/or his contractor shall notify Mike Escobar (Signal Technician) at (805) 681-5681 or (805) 896-5577 (48) hours prior to any construction operation within (500) Five Hundred feet of a signalized intersection or immediately if any damage occurs to any traffic signal device. This pertains to Santa Barbara County Road right of way only. Special Note: Intersections shall be as defined within the California Vehicle Code. Refer to Section III: Traffic Requirements at the end of the General Permit Requirements for additional specific requirements.
3. The Permittee is responsible to contact all property owners affected by their construction operation/project a minimum of **48 hours** in advance of start of work or as directed in the special conditions of this permit. If an overlay or slurry seal is required upon completion of work, affected property owners shall be given

both a 7-day and 48-hour written notice by the permittee prior to beginning the slurry seal operations. The Permittee shall be responsible in resolving any concerns or complaints that may be lodged by the affected adjacent property owners/residents. Any complaints received by the Santa Barbara County Department of Public Works concerning this work/project will be reviewed by the Road Division Inspector. The inspector will inform/direct the Permittee and/or their contractor to rectify the problem at the Permittee's expense in an expedient manner. If the posting of NO PARKING signs is necessary to facilitate this work project, the Permittee shall coordinate the posting with the Road Division Permit Inspector and the California Highway Patrol. All laws, rules, and regulations of the County Code and the California Vehicle Code Book shall be complied with.

- 4. If this permit authorizes the complete closure of any road, additional notifications are to be made prior to beginning the work as dictated in the special provisions to this permit.

II. EXCAVATION AND CONSTRUCTION REQUIREMENTS

SPECIAL NOTE: When conflicts in construction criteria occur between other Agencies and the Santa Barbara County Public Works Department, the more stringent provisions shall govern.

- 1. The Road Encroachment Permit Office shall be provided an Underground Service Alert (USA) number and start date prior to the start of construction. Call 1-800-422-4133 for your U.S.A. "Inquiry Identification" number. The Permittee is also responsible for the continual upgrading of their USA number.
- 2. Inspection within County road right -of-way shall be performed under the direction of the Road Division Inspector. All materials testing and frequency of testing shall be performed by CALTRANS certified materials testing laboratories and results submitted to the Roads Inspector on a daily basis.
- 3. All work done shall be done following the safety guidelines of the State of California, "California Administrative Code," Title 8. "Industrial Relations," In Particular, Chapter 4. "Construction and Safety Orders," Article 8. "Explosives," Article 11. "Vehicles, Traffic Control Flaggers, Barricades, and Warning Signs," Section 1597, "Jobsite Vehicles," Section 1598, "Traffic Control for Public Streets and Highways," Section 1599, "Flaggers," and the Standard Specifications and these permit provisions:

Construction Workers: Workers shall, when on foot within the limits of the project or exposed to vehicular traffic, wear orange, strong yellow-green, or fluorescent versions of these colored warning garments such as vests, jackets, or shirts. During rainy weather workers may wear rainwear which complies with these colors.

During hours of darkness, warning garments shall be retroreflective. The retroreflective material shall be visible at a minimum of 1,000 feet. The retroreflective clothing, or the retroreflective material added to the clothing, shall have a minimum of one horizontal stripe around the torso. White outer garments with retroreflective material that meets the above requirements may be worn during hours of darkness in lieu of colored vests, jackets and/or shirts.

Flaggers: Flaggers shall wear orange, strong yellow-green, or fluorescent versions of these colored warning garments such as vests, jackets, or shirts. Rainwear, when worn, shall be of these colors. All flaggers shall wear white hard hats.

During hours of darkness, flaggers' stations shall be illuminated such that the flagger will be clearly visible to approaching traffic. Flaggers shall be outfitted in reflectorized garments that meet the same criteria as those of Construction Workers (see previous).

4. All County Roads shall be bored wherever possible. If open-cut trenching is being requested initially, the applicant shall show just cause as to why it is not feasible to use the boring method. A review by the County Engineering staff shall determine if open-cut trenching will be allowed. No cutting of new paving will be allowed for two years from date of overlay unless there is an emergency (ie: leak in pipe). Maintain a minimum of thirty-six (36) inch cover when using the boring method. If open trench cutting is approved, the Permittee shall adhere to Requirement No. (5) listed below. All pavement cuts shall be sawcut.
5. Trenching Santa Barbara County Road Division Standard Details 1-020 and 1-030 are to be used as guidelines for all trenching operations within the County Road right of way. Trench backfill shall be a minimum one-sack per cubic yard cement slurry backfill in all paved areas to include driveways, "slot bores/trenches," sidewalk, curb and gutter. In the pavement area, the slurry cement shall be poured the entire trench width, from pavement cut to pavement cut, and from 0.50' above the pipe/structure, etc., to the asphalt concrete. The shading backfill 0.50' above the pipe/structure shall be compacted mechanically to the percentages required by current "Traffic Indexes." Maximum shading over pipe/conduit before slurry placement shall be six (6) inches. All slot bores - trenches shall be a minimum of 6 inches in width. Asphalt concrete pavement shall not be placed over the slurry cement backfill until the following day, with or without cement accelerators. Note: Upon request, the Permittee shall provide "Trip Tickets" (slurry cement receipts from the supplier) to the Road Division Inspector. When dewatering is necessary for the construction of this permitted project, a Dewatering Plan shall be required and submitted to the Road Division Encroachment Permit Office for review.
6. Thirty (30) inch minimum cover shall be maintained over any pipe, conduit, structure, etc. within road right of way. Cover shall be measured from existing hardscape (road pavement, sidewalk, etc.) or if an earth cut, shall be measured from the common existing grade average for the area.
7. When cement slurry backfill is placed in trenches outside the paved roadway, it shall be poured to within eight (8) inches of existing finish grade and then backfilled with suitable native material and compacted. When the trench width is less than twelve (12) inches a (1) one-sack cement slurry backfill shall be required.
8. Trench backfill in unpaved areas may be native material, unless such material is determined to be unsuitable by the County Lab Engineer. Trench backfill shall be as directed by Santa Barbara County Road Division Standard Details 1-020 and 1-030. (Note: testing and material samples shall be as directed by the County Materials Lab. Engineer Bill Tracy with the associated costs billed to the Permittee).
9. Maximum density shall be determined by ASTM 1557 test method "C". If coring or testing is required by the Santa Barbara County Department of Public Works to determine the backfill and/or compaction of trenches, the Permittee shall be responsible for all associated costs performed by a CALTRANS certified materials testing company. Copies of all compaction-testing reports shall be provided to the Road Division Permit Office by the end of the work project. The private Materials Laboratory shall submit a Job Completion Statement on their letter-head affirming that the trench or excavation compaction that was tested met the minimum County Engineering compaction specifications.
10. The Maximum length of trench excavated shall be no greater than that which can be backfilled, plated, and pinned by the end of each day. Any deviation requires approval from the Road Division Inspector and/or Engineer.
11. Longitudinal trench excavations in all road locations shall be controlled from the existing gutter lip using the gutter lip as control for the trench. If this is not applicable, then whenever possible, trenching operations shall be conducted within the "center" portion of the travel lane. Special Note: No trenching shall be allowed within the "winged" flow line of the roadway. The unpaved earth shoulder should always be the first option for trenching if possible.
12. All excavated material shall be hauled from the work zone immediately. No stockpiling shall be allowed in the County Road right of way, without prior approval from the Road Division Inspector. Stockpiling shall also be in compliance with the State Standard Specifications, Standard Plans and Special Provisions. If the stockpiling affects property not controlled by the County Road Division, the Permittee shall obtain

permission directly from the party affected. Additionally, the Permittee shall not stage, stockpile or operate any equipment outside the permitted work zone without the written or verbal approval of the Road Division Inspector. The permitted work zone is as defined in the CalTrans 1996 "Manual of Traffic Controls" for Construction and Maintenance Work Zones. Where a Permittee has placed an obstacle within twelve (12) feet of a lane carrying public traffic, the Permittee may be required by the Road Maintenance Manager or the County Traffic Engineer to install temporary railing (Type K).

13. No ponding or jetting of trenches will be allowed.
14. Plowing will not be allowed in the County Road right of way.
15. Trenches shall be maintained by the use of steel plates. Note: Plate bridging details shall be provided by the Permittee upon request and shall comply with Section 602.1 of the CalTrans Encroachment Permit Manual - Provide a Non-Skid Surface. **Under no circumstances shall fiberglass plates, plywood or other non-D.O.T. approved materials be used as a covering for an excavation.** The Permittee shall be responsible and liable for the cost and maintenance of securing the steel plates which are to be continuously safe to travel over. "ROUGH ROAD" or similar signage shall be required to be placed per CalTrans Manual of Traffic Controls, the latest edition of the MUTCD, or per direction of the road inspector. The signs shall be maintained and monitored at the Permittee's expense. "COLD MIX" material shall be placed and tamped around all sides of the steel plates per direction of the Road Division Inspector. Cold mix may not be required if the steel plates are beveled. All plating shall be pinned to help eliminate movement and wedges installed if necessary to help level out an uneven road surface. Steel plates shall not be left in the traveled roadway for a period of time of more than seven (7) days unless the County Inspector specifically approves a longer period of time. Plates are to be used only as a **temporary** method of covering an excavation. The Permittee shall be responsible to inspect and monitor steel plates continuously and to immediately correct any unsafe condition that may occur during their use. If an unsafe condition occurs and County personnel or a County contractor is called upon to immediately correct the unsafe condition to prevent harm or damage to the traveling public, all associated costs (time, labor, materials, etc.) shall be borne by the Permittee. Any damages or costs whatsoever that may arise from the placement of steel plates within County Road right of way shall be the responsibility of the Permittee. The Permittee shall rectify all complaints regarding the use of steel plates.
16. The Permittee shall as prescribed by Federal legislation, comply with all provisions of the Occupational Safety and Health Act (OSHA) Standards to include Subpart P - Excavations. (29 CFR Part 1926:650-.652). Special Note: An Excavation Permit shall be obtained from the Division of Occupational Safety and Health (DOSH) for any project involving the construction of any trench or excavation (including utility, foundation, and retaining wall construction involved within the excavation) which are five feet or deeper and into which a person is required to descend. As stated within this requirement, it is the responsibility of the Permittee to obtain this permit if required. The Permittee is also responsible for submitting a Safety Plan that shall outline the safety requirements to be adhered to at all excavations and work sites. The Permittee is responsible to provide and implement all safety measures required by law at his/her expense related to this project. This shall apply continuously seven days a week, 24 hours a day until the work project is complete and has been approved and signed off by the Road Division Inspector. The Permittee is liable for any and all damage or injuries that may occur as a result of his/her failure to implement/maintain the necessary safety measures as outlined above and as prescribed by County, State, and Federal law.
17. All pavement areas shall be re-paved with a structural section equivalent to the existing section, or a minimum 0.3' of Asphalt Concrete (A.C.) over Cement Slurry if the Traffic Index is less than 5.5. If the Traffic Index is 5.5 or greater, a minimum of 0.5' of A.C. shall be placed. If the existing pavement structural section is greater than the above specifications, that greater section shall apply. Note: "Cold Mix" shall be replaced by "Hot Mix" within (7) seven days of slurry backfill as outlined in Ordinance No. 1491, Section 22 or as directed by the Road Inspector. All "Cold Mix" shall be painted with the color codes as designated by Underground Service Alert, Assembly Bill Number 73. Section 4216.3 and remain until replaced with "Hot Mix"). All asphalt paving operations shall be in compliance with applicable sections of Section 39, Asphalt Concrete of the most current State Standard Specifications. The smoothness tolerances shall be as outlined in Section 39 of the current CalTrans Standard Plans and Specifications. The minimum structural section is outlined in the current Santa Barbara County Road Division Standard Details, Section

I-010. Damage to or displacement of existing A.C. (asphalt concrete) at any location related to this project shall be thick lifted using 1/2 inch A.C. mix as directed by the Road Division Inspector.

18. Pavement Restoration: In the event that a slurry seal is required, a proposed mix design shall be submitted to, and approved by, the Roads Division permit office prior to placement of the slurry seal. A minimum of a Type II Slurry Seal beyond the edge of the trench (both sides of trench) may be required at completion of all pavement replacement. Additionally, if there is 2 feet of pavement or less remaining adjacent to the edge of the road (edge of pavement, E.P.) permittee shall apply a slurry seal to this area. A 0.13' overlay shall be required if the slurry seal does not adequately cover the replaced pavement area. In the event that an overlay is required, shoulder backing may be required at the direction of the Road Division Inspector. If construction work causes additional damage to the pavement outside the trenched areas, additional pavement restoration shall be required. Any saw-cut lines left in the road right of way shall be sealed with a "crack-seal" compound approved by the County Materials Lab. Engineer. The Santa Barbara County Public Works Department shall make the final determination as to the type of pavement restoration to be applied. (Note: The trenching/construction operation may be videotaped by Santa Barbara County Inspection personnel prior to commencement of construction operations). Special Note: Pavement Restoration shall be commensurate to the two (2) previous years of road repair, e.g. slurry seal, overlay, etc., and be completed in "kind" within (60) days after final pavement replacement. The asphalt binder shall be Grade PG-64-16. If necessary and/or required by the Public Works Department, you may seal the "hot patch" immediately with straight (full strength) SS1H and then within 2 weeks apply the pavement restoration. Pavement restoration specifications shall be submitted prior to restoration work for review and approval.
19. All pavement markers and striping shall be replaced or restored to pre-permit condition. NOTE: Markers and striping shall be per the County General and Special Provisions and the current CalTrans Standard Plans. Note: See CalTrans STD. Plan A202 for additional criteria. These will be provided upon request. If the removal of existing striping is necessary, the striping shall be obliterated by sand blasting or grinding only. No painting over of striping shall be allowed within road right of way. Current County, State and/or Federal sandblasting rules and regulations shall be adhered to. Protection of the public during sandblasting is mandatory. Any proposed striping removal shall be approved by the Public Works Transportation Engineering Division prior to the scheduling of such removal.
20. Concrete: All concrete that is to be removed shall be sawcut and removed to the next expansion joint or score mark. All cuts are to be perpendicular to the curb & gutter with no longitudinal cuts. No diagonal cuts shall be allowed. For construction criteria relating curb, gutter, sidewalks and ramps, see Road Standard Detail(s) 3-100, 3-110, 4-040 and 4-060. All concrete construction to include ramps shall be in accordance with the most current American Disability Act (A.D.A.) requirements.
21. The construction of residential and/or commercial driveways shall be per Santa Barbara County Public Works - Road Division Standard Details and as directed by the County Traffic Engineer; the Senior Development Engineer and/or the Road Division Inspector. The repair and maintenance of all hardscape, i.e.: driveway aprons, wings, sidewalk, curb & gutter, etc., shall be the responsibility of the property owner (Permittee). See Section 4-2.08 of the Santa Barbara County Engineering Design Manual for additional criteria. If applicable, driveways shall conform to equestrian trail guidelines where trails have been established. Maximum height of driveway lip at gutter line is ½". No saw cutting of asphalt concrete (A.C.) pavement shall be allowed without first consulting with the Road Division Inspector. When joining existing concrete with new, steel doweling shall be required. Historical drainage flow shall not be altered. If the driveway approach is not constructed/finished to engineering design standards it may be required to be removed and replaced at the Permittee's expense. All laws, rules, and regulations of the State of California, Department of Consumers Affairs, Contractors License Board shall be adhered to and complied with at all times when performing any work operation within the Santa Barbara County road right of way.
22. The Permittee shall maintain a clean and orderly work zone free and safe from debris and construction materials generated by this project. Final appearance of the project shall be returned to a pre-permit condition as directed by the Road Division Inspector. The aesthetics of the roadway shall be as it was or better than before work started. This shall include bike lanes, pedestrian and equestrian paths. Dust control measures shall be the responsibility of the Permittee. The Permittee at Permittee's expense shall resolve any complaints. Any over-spill of dirt, concrete, etc. associated with the Permittee's work project on the

- paved roadway or earthen road shoulder shall be monitored and cleaned up as it occurs at the Permittee's expense.
23. All miscellaneous facilities, i.e.: fences, walls, vaults, power supplies, pedestals, backflow devices, meters, pedestals, mailboxes, etc., constructed within the County Road right-of-way, shall adhere to the Sight Distance Requirements as outlined in Section 405.1 of the CalTrans "Highway Design Manual" and current County policy. Aboveground facilities may be required to be "screened" (fencing, wall, vegetation, etc.) at the expense of the Permittee. Any noise producing system that is proposed to be installed within the road right of way shall be disclosed at time of application submittal.
 24. "Fixed Objects" e.g.: electrical poles, power supplies, vaults, pedestals, backflow devices, check valves, meters, walls/fences, etc., within the County Road right of way, shall be placed as directed by the CalTrans Traffic Manual, Chapter 7, the Roadside Design Guide, American Association of State Highway and Transportation Officials (AASHTO) 1989; the Highway Design Manual and current County policy as directed by the County Traffic Engineer and the Road Division Engineer. Any exceptions to this procedure shall be reviewed and approved by the County Traffic Engineer prior to any construction operation. If the replacement/removal of the fixed object(s) is required by the County Traffic Engineer, all costs shall be borne by the Permittee.
 25. If existing public or private utilities conflict with the construction of this project, the Permittee shall make the necessary arrangements with the owners of such utilities for their protection, relocation and removal. The Applicant shall provide the inspection for the protection, relocation and removal of such utilities, if not accomplished by the utilities themselves. The responsibility for any and all costs related to inspection, permit fees and liabilities, shall be borne by the Permittee. Utility companies performing relocation work in the County Road right-of-way are required to obtain a County Road Division Encroachment Permit prior to the performance of the relocation work. Any relocated utilities shall be correctly located and identified on the final AS-BUILT plans. This requirement applies to public and/or private utilities as well. Special Note: If at a future date the Director of Public Works or his designee determines that this permitted project is in conflict with a County project, code, ordinance, or statute, a Community Plan, the traveling public, or accepted engineering and/or safety criteria, etc., all conflicting facilities installed under this permitted project shall be removed immediately at the Permittee's expense. See County Code - Chapter 28, Article 1 - Section 28-34 for additional criteria).
 26. Preservation of Monuments: Any monument, benchmark or precise survey reference point shall not be removed without prior approval by the Department of Public Works. If the removal or replacement is allowed, all costs associated with this operation shall be borne by the Permittee as outlined in Section 48, of County Ordinance No. 1491.
 27. Bike paths shall be restored according to the CalTrans Highway Design Manual Chapter 1000, "Bikeway Design." The base material shall be 0.50' foot Class II aggregate base. A safe minimum passageway of 4 feet shall be maintained through the work area, where pedestrian or bicycle facilities exist.
 28. Special Sanitary Note: It is the responsibility of the Permittee to contact the appropriate sanitary district and obtain all required permits, clearances, etc., prior to the start of any sanitary construction activity. This contact of the district by the Permittee is specifically related to any sanitary construction activity that occurs within the County Road right of way. Manhole installations, sewer lines, covers, etc., shall be equal to County Specified Alhambra Foundry Co. products as shown in the County Road Standard Details. Any covers or facilities used or placed in bike paths, shall also be in accordance with the above and compatible with the appropriate sanitary district.
 29. All drainage and erosion Control shall be per the Santa Barbara County Road Excavation Ordinance No. 1491 and/or the Santa Barbara County Grading Ordinance No. 3937. Any deviation from this requires approval from the Senior Development Engineer, County Grading Inspector, and/or the Road Maintenance Manager. All drainage and erosion control plans and/or calculations shall be submitted to the Road Division Permit Office for review and approval by the Senior Development Engineer or Flood Control Engineer, prior to construction. Special Note: The Permittee shall be responsible for correcting drainage and erosion problems resulting from their operations at the Permittee's expense. Additionally, the Permittee

shall be responsible and liable for the immediate clean up of all mud and/or debris deposited onto the roadway as a result of their operation. The Permittee at Permittee's expense shall rectify any complaints or damages occurring from the Permittee's work project.

30. Any existing drainage flow lines, channels, etc., along County Roads shall be maintained by the Permittee or as directed by the Road Division Inspector. Drain lines to be placed through the curb face shall be a maximum of three inches in diameter and shall be cored. All other drains shall be as stated within Section 2-070 of the Santa Barbara County Road Division Standard Details entitled "Sidewalk Drain." The Permittee is responsible to maintain the structural integrity of sidewalk, driveway approach, curb areas where the drain/ irrigation pipe is installed.
31. Creek, Channel and/or Slope "Protection" shall be as stated in Detail Nos. (1 & 2) plates B-13-1 and B-13-2, outlined in the CalTrans Standard Plans, dated July 1992. Section (72) of the CalTrans "Standard Specifications," dated July 1992, may also be used as additional construction criteria. Erosion Control (Type D) shall conform to the provisions in Section 20-3, "Erosion," of the Santa Barbara County Standard Specifications and Special Provisions to be provided upon request. Final "slope" protection construction shall be as directed by the Santa Barbara County Flood Control Engineer, Road Maintenance Manager or Superintendent and/or Road Division Engineer.
32. Storm drain systems that are constructed within the County Road rights of way, shall be reviewed and approved by the Santa Barbara County Flood Control Manager and the Road Maintenance Manager. For installation of storm drains, see Road Standard Detail No. 1-040 for bedding and backfill requirements. Drop inlets shall be constructed per Santa Barbara County Road Division Standard Detail No. 2-025 with Class "A" concrete utilized on the bottoms and sides of these facilities.
33. Santa Barbara County Bridges, Box Culverts, etc. - Prior to the placement of any facility onto or within a bridge, box culvert, etc., and/or its abutment, all plans shall be reviewed and approved by the Santa Barbara County Bridge Engineer. Plans shall include as a minimum, location of proposed facilities; type of hangers/hardware; weight calculations, specifications, etc.
34. All landscaping shall conform to County requirements. A landscaping plan shall be submitted for approval with species, placement, quantities, etc. shown along with trees, shrubs, groundcover, etc. Sight distance, fixed object criteria, will be evaluated before plan is approved. Plan shall include irrigation facilities and a statement identifying the responsible party to water, and maintain the landscaped area within road right of way. All trees proposed shall adhere to the County Approved Tree List and if within ten feet of any hardscape (A.C. pavement, concrete, etc.) tree root barriers may be required. If a plan is not required, landscaping shall be replaced in kind to pre-permit condition. See County Ordinance No. 3703 for additional details. Contact the Road Division Permit Office for additional criteria.
35. It is the sole responsibility of the Permittee to "obtain and comply" with all applicable permit conditions, requirements and clearances from all Santa Barbara County Departments/Agencies, including Public Works, Planning & Development, etc., other Public Agencies, and any Community Plan (i.e.: Montecito Community Plan) approved and adopted by the County Board of Supervisors; including pertinent rules and regulations of the State of California and Federal Government pertaining to the above mentioned project, prior to the issuance of the Road Division Encroachment Permit. If this permit has been issued and it is determined that the Permittee has not obtained all permits required by law, this permit shall be "invalidated."
36. If any portion of this project enters into a known Native American/Chumash archaeological site, the Permittee shall be responsible for obtaining all clearances from other departments and agencies. This includes a Coastal Development Permit if necessary and any other applicable Permits required while performing work activities within a known Chumash site. The Permittee shall be responsible for all costs and liabilities incurred with their operation. Should any archaeological resources be revealed in the work vicinity or discovered during construction, the Permittee shall stop work in the immediate vicinity of the find and notify the Department's representative. The Permittee shall be responsible for costs associated with the evaluation of those finds, based on the recommendations of the archaeologists and the Native American monitor. Contact the Planning & Development Department for additional criteria.

37. The Permittee shall show proof that notice of construction has been given to all occupants and owners of real property located within the perimeters of the construction operation. This Notification compliance shall include all schools and/or agencies responsible for children. Whenever required by the Public Works Department, the Permittee shall provide at their expense crossing guards, etc., to facilitate the safe movement of children. Notification requirements and compliance shall be as outlined by the Public Works Department and the Planning & Development Department.
38. When inclement weather is imminent, the Permittee shall take the necessary precautions to adequately protect the project site. (Note: The Road Division Inspector may require additional site protection).
39. The Permittee may be required to obtain a Haul Permit prior to beginning construction activities at the discretion of the Road Encroachment Permit Office. If the Permittee is required to apply for a haul permit, a proposed Haul Route shall be submitted to the Road Encroachment Permit Office for review and approval at least 7 days prior to the start of construction. The haul route is required to cover the routes used for transporting any and all construction materials, i.e.: pipe, fittings and/or miscellaneous equipment. The materials shall be hauled under the following conditions: The Permittee assumes all liability for accidents resulting from their operations; accepts all clean up and road repair as directed by the Road Division Inspector and/or Engineer.
40. The Road Division Encroachment Permit Package shall be kept at the work site and must be shown upon request to any Department of Public Works representative. If this is not adhered to, it shall be considered to be a violation of permit requirements, and the work may be stopped or suspended if this requirement is not complied with immediately.
41. This permit is issued with the understanding that it does not establish a precedent. This encroachment permit is issued at the discretion of the Road Commissioner and the County Department of Public Works Road Division. It may be revoked or modified, at any time, at the sole discretion of the County of Santa Barbara, acting through the Road Commissioner and the Road Division. This encroachment permit does not grant the Permittee or the Permittee's successors or assigns any ongoing interest in the occupancy or use of the County road right-of-way or any improvements in the right-of-way except as specifically stated in the permit and while the permit is in force.
42. Unless stated within this road encroachment permit, or separate agreement, all costs incurred for work within the County Road rights of way, pursuant to this road encroachment permit shall be borne entirely by the Permittee. The Permittee hereby waives all claims for indemnification or contribution from the County of Santa Barbara for any such work. Indemnification shall be as outlined in the California Civil Code.
43. No party other than the Permittee or the Permittee's agent is allowed to work under this road encroachment permit.
44. The Permittee agrees, by the acceptance of this road encroachment permit, to properly maintain any encroachment within the County Road rights of way associated with this operation. This will include the inspection and repair of any damage to County facilities resulting from this road encroachment. The Permittee is responsible for the cost of all restoration, repair and County services resulting from the permitted work by authority of County Code and the Streets and Highways Code.
45. If any additional services of the Public Works staff are required, including Roads accounting, after payment of the initial Permit fee, the Permittee will be billed accordingly. Overtime compensation shall be paid at the current County rate and shall mean and include work prior to 7:00 a.m. and subsequent to 4:00 p.m., whether or not the total time of the work or improvement herein described exceeds eight hours on the date such overtime occurs. Overtime shall also include all work on Saturdays, Sundays or holidays as defined in the California Government Code, Section 6700. Bills are due and payable upon receipt. Denial for nonpayment of fees: Failure to pay Permit fees when due may result in rejection of future applications and denial of permits. All Permit fees/billings shall be paid before any Occupancy Clearance is granted.

46. The Permittee shall file the necessary bond(s) in advance, in the amount set by this Department. Failure to maintain bond(s) in full force and effect will result in suspension of all work and permit(s). Bonds are not required of public corporation or privately owned utilities, unless said Permittee failed to comply with provisions and conditions under a prior permit. Your surety (insurance) company will be responsible for any latent defects until such time as is provided for in the California Code of Civil Procedures, Section 337.15.

III. TRAFFIC REQUIREMENTS

1. The Permittee upon request shall submit a TRAFFIC MANAGEMENT PLAN to the Traffic Section, of the Santa Barbara Public Works Department, for review. This Plan shall be submitted no less than 7 days prior to the start of construction. This plan shall be for any encroachment and/or traffic operation performed on any county road, pedestrian path or bikeway. Work Area Traffic Control shall be in accordance with recognized standards (i.e.: 1996 CalTrans Manual, WATCH, MUTCD, California Joint Utility Traffic Control Committee, etc.) Deviations from recognized traffic standards may necessitate that a registered traffic engineer at the Permittee's expense prepares plans. This requirement shall be as directed by the County Public Works Department. Traffic Control Signing shall be in place forty-eight (48) hours prior to start of construction, and remain in place day or night for the duration of the construction operation. (FAILURE TO COMPLETE SIGNING MAY INVALIDATE YOUR PERMIT).
2. During working hours, a minimum of (1) 10 foot travel lane with Flaggers as required by the Road Division Inspector shall be maintained. Note: See CalTrans Standard Plan - Plate T13 or T-11 for additional criteria. During non-working hours, all travel lanes shall be open unless otherwise approved twenty-four (24) hours in advance by the Road Division Inspector.
3. Driveway or Parking access shall be interrupted only after 2 days advance notice by the Permittee to the property owner(s) affected. Driveway access shall be provided by the use of steel plates.
4. The Permittee shall immediately (within 24 hours) repair and/or replace all damaged Traffic Signal Devices, at his own cost. Note: See CalTrans Standard Specifications, Section 86-1.05 for additional details. "No Parking" on loop detectors will be allowed without prior approval from the Road Division Inspector. Special Note: If services are required of the Santa Barbara County Traffic staff as a result of damage to traffic devices during construction operations, the Permittee will be billed accordingly.
5. Working hours within Signalized Intersections shall be from (9:00 a.m. to 3:00 p.m.), Monday through Friday, or as directed by the Road Division Inspector. If Permit working hours is not adhered to, this Encroachment Permit may be subject to revocation. Any deviation from this schedule requires prior approval from the Road Division Inspector. Special Note: the Permittee and/or their contractor shall immediately comply with all direction given by Traffic Division staff. Any person who fails, neglects, or refuses to comply with any requirement shall be in violation of Section 28-53 of Chapter 28, Article 1 of Ordinance No. 1491. All violations of this or any other section of this chapter shall be strictly enforced. No saw cutting within or near a signalized intersection shall be performed within twenty-four (24) hours of the weekend. This specifically refers to work operations on Fridays, Saturdays, Sundays and holidays without prior written approval from the Road Division Inspector.
6. Work shall be planned and conducted as to create the least possible inconvenience to the traveling public. Traffic shall not be unreasonably delayed. The Permittee is authorized to place properly attired flaggers to

stop or warn the traveling public. All flagging shall be in compliance with the current CalTrans "Manual of Traffic Controls".

7. All Road Closures shall be covered under an additional Road Encroachment Permit. This permit will cover working hours; traffic detours; the notification of emergency services i.e.: Sheriff, Fire, C.H.P., M.T.D., American Medical Response (ambulance) etc., local residents; schools; commerce; fees and special permit requirements.

NOTE: Failure to make all required notifications in advance of construction or to adhere to "any" permit requirement may invalidate this permit and result in forfeiture of bonds. In addition penalty fees may be imposed. Failure to complete "any" permit requirement, may also result in the denial of future permits.

Special Note: Ordinance Number 1491 Section #22 – Commencement of Completion of Work:

"Except in the case of annual permits, every permittee shall commence the proposed work within thirty (30) days after the granting of the permit or within such other time from thirty (30) days minimum to sixty (60) days maximum as the Road Commissioner shall specify, (or in the case of special single permits set out in Section 21 above, within thirty (30) days from the date when such permit becomes effective as to the particular job concerned) and thereafter shall prosecute the work to completion in a diligent and workmanlike manner and restore roads to their condition or as near as may be possible. The Commissioner may, for good cause excuse delay in commencement or completion of such work. In the event of unexcused delay or failure to commence, carry out or complete such work in the manner provided herein, the Commissioner may, in addition to any other remedies he may have, terminate or suspend such permit by notice in writing effective immediately upon personal delivery to permittee or his agent, or twenty-four hours after being deposited in the United States Mail addressed to permittee at the address shown on the application for permit except that the Commissioner may elect to have the work completed and the cost thereof charged to the permittee. Thereafter, no work shall be done under said permit unless and until it is reinstated by the Commissioner."



County Of Santa Barbara
Department Of Public Works
Road Permit Division - Permit Requirements

SPECIAL PROVISIONS

to

**NEW PREFAB CONCRETE BRIDGE - FISH PASSAGE IMPROVEMENT
PERMIT NO: 040146C
REFUGIO ROAD CROSSING #2 BRIDGE @ QUIOTA CREEK**

1. Applicant shall obtain a Temporary Construction Easement from the owner of the property on the east end of the project where the grading and slope conform will extend beyond the right of way. Provide copies of executed contract to the County. Permanent roadway easement shall be obtained by COMBS and County
2. Applicant will be fully responsible for all permits from Fish and Game, Fish and Wildlife and/or Army Corp etc and abide by all permit conditions. Provide copies of all permits to County inspector 7 days prior to start of work
3. Permittee shall provide at their cost full time inspection of the bridge and affiliated grading work with full oversight by a California Registered Civil Engineer approved by the County with a minimum of 5 years bridge inspection experience. Oversight responsibilities shall include but not limited to review of all certifications, material certificates of compliance, mix designs, quality assurance test results, rail installation reports, compaction testing and results pursuant to the Caltrans testing frequency table performed by Caltrans certified personnel, review of report from Geotech approving the foundation subgrade materials and other preparatory quality assurance methods, field approval of excavations, foundation preparation, backfilling and others as determined by the County. Copies of all daily reports shall be provided to the County on a weekly basis.
4. Applicant to provide final inspection report by a California Registered Civil Engineer for the inspection and testing of materials for the concrete precast bridge members to be built off-site, including concrete cylinder testing, certificates of compliance for all materials used in the precast bridge.
5. Six sets of Shop drawings wet stamped and signed by a California Registered Engineer shall be submitted for review by the County prior to the manufacture of the bridge.
6. Provide a Water Pollution Prevention Plan with BMP's recommended 14 days prior to start of construction.
7. Applicant to notify all surrounding property owners that access will be cut off 14 days prior to crossing demo. Also notify emergency services of the crossing being out. Provide proof of notification to the County.
8. All exposed and buried hardware shall have a 100 year corrosion protection on all exposed steel components. Provide documentation of method and materials used.
9. Applicant shall provide a traffic control Road Closure plan for review 10 days prior to start of work. Plan shall have a minimum of four "Road Closed- Bridge out ____ miles

NEW PREFAB CONCRETE BRIDGE

Permit Requirements Continued

ahead" mounted on permanent wood poles. Show proposed sign locations. County retains the right to request additional signage as deemed necessary by the County Traffic Engineer.

10. Close out project submittal shall include but not limited to: final inspection reports by a California Civil Engineer for the inspection and testing of materials for the concrete precast members to be built off site including concrete cylinder testing and certificates of compliance for all materials used in the precast arched culvert; as built mylars;; final bridge report in Caltrans format; inspection and testing reports; materials certificates of complians; survey and control reports and other reports as discussed on item 3 above.

NOTE: Failure to Notify the Road Division Inspector at (805) 681-4990 for the South County areas OR (805) 739-8750 for the North County areas forty eight (48) hours in advance of construction or to adhere to "any" permit requirement may invalidate this permit and result forfeiture of bonds and penalty fees. Failure to complete "any" permit requirement may also result in the denial of future permits. Encroachment permits are issued under the authority given the Department of Public Works, Road Division by Santa Barbara County Code, Chapter 28, Article 1 "Excavation and Encroachments" Santa Barbara County Ordinance No. 1491, Excavations and County Roads and the Streets and Highways Code.

I hereby acknowledge and accept receipt of this Road Encroachment Permit, its requirements and attached Special Provisions and fully understand my responsibility as the Permittee to comply and adhere to all requirements contained herein.

Name Timothy H. Robinson Phone 805-687-4011
(Print)

Signed Timothy H. Robinson Date 7/27/11

ITEM # 6
PAGE 41

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date: 4/23/2012
Submitted by: Janet Gingras
Approved by: Bruce Mowry

SUBJECT: FY 2012-13 COMB Draft Proposed Operating Budget

SUMMARY:

The FY 2012-13 Draft Proposed Operating Budget was presented to the Member Unit Managers on April 4, 2012 at the managers meeting as well as to the Administration Committee at the meeting held on April 13, 2012. The attached draft proposed budget was revised to incorporate suggested changes from both the Member Unit Managers and the Directors on the Administration Committee.

The draft budget was presented to the Member Unit Managers with a \$200,000 reserve fund included. The managers were of the opinion that reserve funds for COMB are not needed at this time. They indicated that the Member Units carry reserve funds that could be obtained in the event of an extreme emergency.

The Administrative Committee reviewed and commented on the draft budget which originally contained a 2.5% COLA and a 2.5% optional merit pool. The committee agreed to keep the COLA but asked that we remove the optional merit pool funds. The committee also asked that we decrease the administrative costs as much as possible. This budget represents a decrease of \$32k in the overall administrative costs as compared to the draft budget the committee had reviewed.

A summary of the account explanations with variances as compared to the current year operating budget is included for review along with the projected cash flow table and the Member Unit cost allocation worksheet.

FISCAL IMPACTS:

The year over year net increase in the budget (\$1.143m) is primarily due to the planned completion of the Modified Upper Reach Reliability Project.

LEGAL CONCURRENCE:

N/A

ITEM # 8
PAGE 1

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

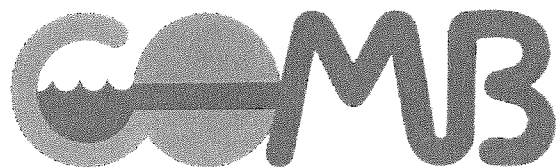
Reviewed and commented on by the Administration Committee.

RECOMMENDATION:

None at this time.

LIST OF EXHIBITS:

- COMB FY 2012-13 Draft Proposed Operating Budget
- COMB FY 2012-13 Draft Allocation Worksheet
- COMB FY 2012-13 Projected Cash Flow Table
- COMB FY 2012-13 Budget Summary – Account Explanations

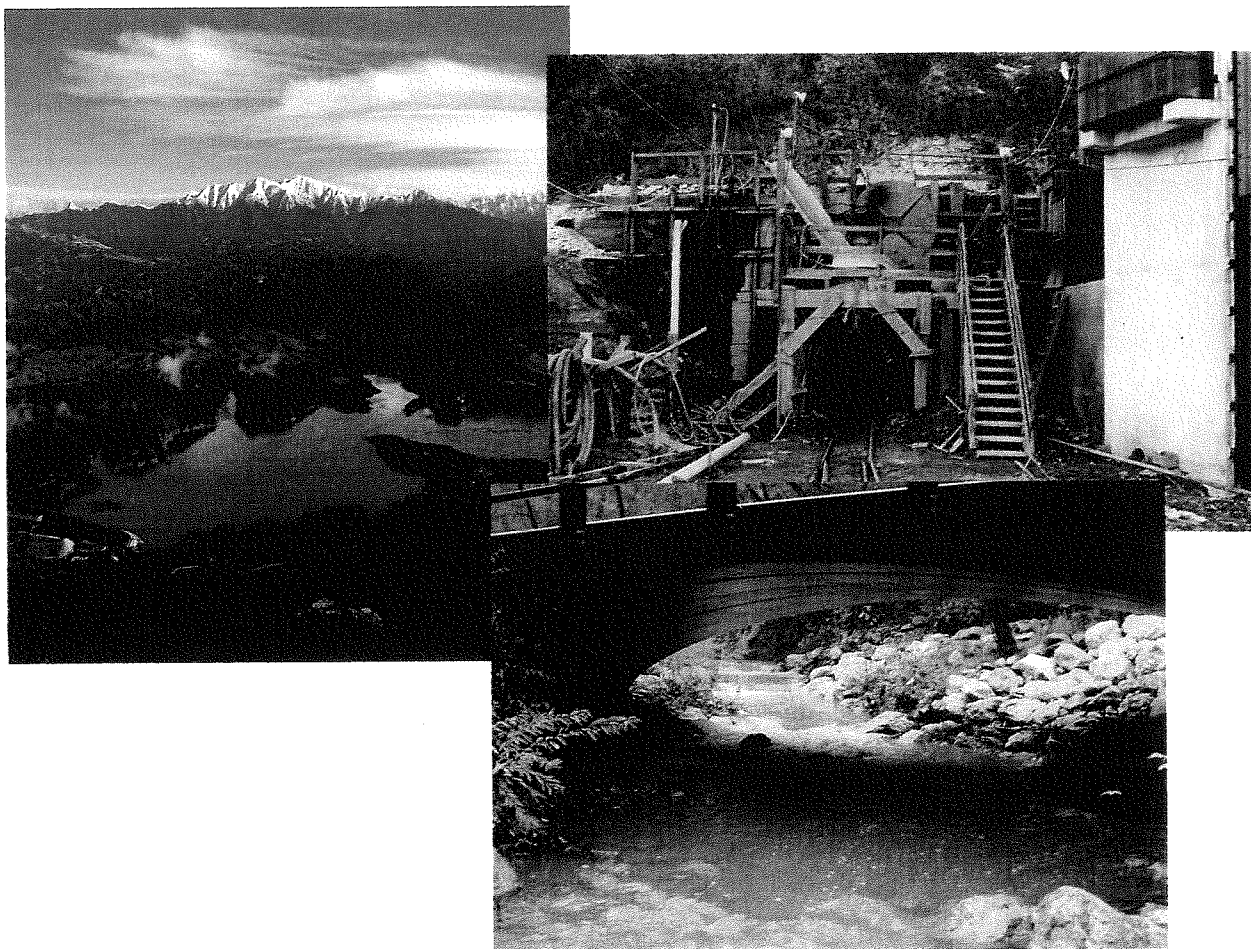


Cachuma Operation & Maintenance Board

Santa Barbara, California

Operating and Capital Improvement Budget

July 1, 2012 – June 30, 2013



CACHUMA OPERATION AND MAINTENANCE BOARD

3301 Laurel Canyon Road

Santa Barbara, California 93105-2017

Telephone (805)687-4011 FAX (805)569-5825

www.cachuma-board.org

ITEM # 8
PAGE 3



Mission

To provide a reliable source of water
to our member agencies in an efficient manner
for the betterment of life in our communities.

Cachuma Operation & Maintenance Board

Board of Directors

Lauren Hanson, Goleta Water District
President

Robert Leiberknecht, Carpinteria Valley Water District
Vice-President

W. Douglas Morgan, Montecito Water District

Dale Francisco, City of Santa Barbara

Dennis Beebe, Santa Ynez River Water Conservation District,
Improvement District No. 1

General Manager

Bruce A. Mowry, Ph.D., P.E.

Staff Contributors

Janet Gingras, Administrative Manager

Tim Robinson, Fisheries Division Manager

Overview

Message

This budget document provides detailed information about COMB's revenue and expenditure forecast in the coming year and addresses the main points and major decisions made in compiling the budget. The budget provides the financial plan required to implement our mission and will enable our employees to utilize the resources needed to achieve our goals.

Adoption of the budget is one of the most important aspects taken by the Board of Directors. The budget is the Agency's financial work plan, translated in expenditures, supported by revenues. It establishes the Agency's direction for the near term, and to the extent the decisions have continuing implications, it establishes long term direction as well. The Budget is a projection of revenues and expenditures needed for operations, maintenance, administration, and capital improvements associated with providing an essential water supply to our Member Units.

While the FY 2011-12 budget was difficult to achieve, it funded the highest priority projects and activities necessary to achieve our goals while keeping our costs as low as possible. Significant fiscal challenges continue to face the Member Units who fund COMB in FY 2012-13. Rising costs for essential materials and supplies, pressure on our Members Units budgets from reduced customer water demand, the economic slowdown and other factors make financial projections more difficult than normal. From the onset of this budget process, we scrutinized our budget planning assumptions, established prudent budget targets and set priorities with careful consideration.

The Proposed Fiscal Year 2012-13 Gross Operating Budget totals \$7.465 million, representing a significant increase compared to the FY 2011-12 Operating Budget. This increase is primarily due to the continuation of project costs affiliated with the completion of the Modified Upper Reach Reliability Project. Staff has worked aggressively to maintain costs in all areas of the budget by improving operating efficiencies and effectively utilizing internal resources to achieve our objectives.

Summary

In this dynamic financial environment, monitoring the budget and responding to changes or unanticipated events is a continuing process. COMB will continue to report financial activity in a timely and transparent manner to the Board and Member Agencies. Cost management will remain a key objective in light of ongoing pressures on water rates and financial reserves at the Member Unit level. The following is a summary of the Fiscal Year 2012-13 Budget and provides and outline of key objectives to be implemented over the next fiscal year.

Cachuma Operation & Maintenance Board
Draft Proposed Budget

Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	FY 2011 / 12 Approved Budget	Estimated Actuals Thru 6/30/12	FY 2012 / 13 Proposed Budget	Dollar Change	Percentage Change
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OPERATIONS DIVISION

OPERATION & MAINTENANCE EXPENSES

<i>LABOR</i>						
3100	LABOR - Operations Field Crew	\$ 872,417	\$ 872,000	\$ 822,944	\$ (49,473)	
	TOTAL	\$ 872,417	\$ 872,000	\$ 822,944	\$ (49,473)	-5.67%
<i>VEHICLES & EQUIPMENT</i>						
3201	VEHICLE/EQUIP MTCE	\$ 25,000	\$ 25,000	\$ 30,000	\$ 5,000	
3202	FIXED CAPITAL	10,000	10,000	15,000	5,000	
3203	EQUIPMENT RENTAL	5,000	5,000	5,000	0	
3204	MISC	5,000	5,000	5,000	0	
	TOTAL	\$ 45,000	\$ 45,000	\$ 55,000	\$ 10,000	22.22%
<i>CONTRACT LABOR</i>						
3301	CONDUIT, METER, VALVE	\$ 12,000	\$ 12,000	\$ 20,000	\$ 8,000	
3302	BUILDINGS & ROADS	20,000	20,000	20,000	0	
3303	RESERVOIRS	10,000	10,000	10,000	0	
3304	ENGINEERING, MISC SVCS	30,000	30,000	10,000	(20,000)	
	TOTAL	\$ 72,000	\$ 72,000	\$ 60,000	\$ (12,000)	-16.67%
<i>MATERIALS & SUPPLIES</i>						
3401	CONDUIT, METER, VALVE & MISC	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	
3402	BUILDINGS & ROADS	12,000	12,000	15,000	3,000	
3403	RESERVOIRS	10,000	10,000	10,000	0	
	TOTAL	\$ 47,000	\$ 47,000	\$ 50,000	\$ 3,000	6.38%
<i>OTHER EXPENSES</i>						
3501	UTILITIES	\$ 6,800	\$ 6,800	\$ 7,000	\$ 200	
3502	UNIFORMS	4,500	4,500	6,000	1,500	
3503	COMMUNICATIONS	20,000	20,000	18,000	(2,000)	
3504	USA & OTHER SERVICES	4,000	4,000	4,000	0	
3505	MISC	8,000	8,000	8,000	0	
3506	TRAINING	3,000	3,000	3,000	0	
	TOTAL	\$ 46,300	\$ 46,300	\$ 46,000	\$ (300)	-0.65%
	TOTAL O & M EXPENSE	\$ 1,082,717	\$ 1,082,300	\$ 1,033,944	\$ (48,773)	-4.50%

ITEM # 8
PAGE 7

Cachuma Operation & Maintenance Board
Draft Proposed Budget
 Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	FY 2011 / 12 Approved Budget	Estimated Actuals Thru 6/30/12	FY 2012 / 13 Proposed Budget	Dollar Change	Percentage Change
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OPERATIONS DIVISION

GENERAL AND ADMINISTRATIVE EXPENSES**

5000	DIRECTORS FEES	\$ 12,000	\$ 12,000	\$ 7,800	\$ (4,200)	
5100	AUDIT	13,000	20,000	11,700	(1,300)	
5101	LEGAL	75,000	100,000	100,000	25,000	
5150	UNEMPLOYMENT TAX	0	2,000	0	0	
5200	LIABILITY & PROPERTY INSURANCE	30,800	42,000	40,000	9,200	
5201	HEALTH, W/C, D/C, Retirees medical	143,790	143,790	155,566	11,776	
5250	PERS	48,337	48,337	53,810	5,473	
5339	FICA/MEDICARE	21,755	21,755	21,658	(97)	
5300-5304	ADMINISTRATIVE SALARIES	259,581	259,581	283,109	23,528	
5310	POSTAGE / OFFICE SUPPLIES	11,200	11,200	10,000	(1,200)	
5311	OFFICE EQUIPMENT / LEASES	9,800	10,400	9,800	0	
5312	MISC. ADMIN. EXP.	12,000	12,000	10,790	(1,210)	
5313	COMMUNICATIONS	8,400	8,400	8,100	(300)	
5314	UTILITIES	8,500	8,500	9,900	1,400	
5315	MEMBERSHIP DUES	7,295	7,295	7,295	0	
5316	ADMIN. FIXED ASSETS	5,000	5,000	5,000	0	
5318	COMPUTER CONSULTANT	17,500	18,900	14,300	(3,200)	
5325	EMPLOYEE EDUCATION/TRAINING	3,000	3,000	2,000	(1,000)	
5330	ADMIN TRAV & CONFERENCES	3,000	3,000	2,000	(1,000)	
5331	PUBLIC INFO	1,000	1,000	1,000	0	
5332	TRANSPORTATION	1,000	1,000	1,000	0	
5333	RELOCATION EXPENSE	14,000	14,000	0	(14,000)	
7006	INTEREST EXPENSE	20,000	4,076	2,000	(18,000)	
TOTAL GENERAL & ADMINISTRATIVE		\$ 725,956	\$ 757,234	\$ 756,828	\$ 30,872	4.25%

SPECIAL G & A EXPENSES

5510	Integrated Regional Water Mgmt Plan	\$ 15,000	\$ 15,000	\$ 5,000	\$ (10,000)	
5512	OPEB Actuarial	\$ -	\$ -	\$ 3,000	\$ 3,000	
5513	Cost / Benefit Analysis	25,000	0	0	(25,000)	
TOTAL SPECIAL G & A EXPENSES		\$ 40,000	\$ 15,000	\$ 8,000	\$ (32,000)	-80.00%

OPERATIONS DIVISION

SPECIAL PROJECTS

6062	SCADA	\$ 18,500	\$ 18,500	\$ 35,000	\$ 16,500	
6090	COMB Bldg/Grounds Repair	30,000	30,000	30,000	0	
6092	SCC Improv Plan & Design	50,000	50,000	25,000	(25,000)	
6096	SCC Structure Rehabilitation	37,500	37,500	75,000	37,500	
6097	GIS and Mapping	10,000	10,000	10,000	0	
6101	SCC Emergency Pipeline Repair Program	205,000	205,000	100,000	(105,000)	
6102	Lauro Debris Basin Maintenance	76,175	76,175	0	(76,175)	
6103	Upper Reach Reliability Project - Phase II	1,200,000	1,200,000	3,200,000	2,000,000	
6104	Lower Reach Boundary Meter	0	0	50,000	50,000	
6105	ROW Management Program	0	0	75,000	75,000	
6106	North Portal / Lake Intake Tower Phase I	0	0	50,000	50,000	
TOTAL SPECIAL PROJECTS		\$ 1,627,175	\$ 1,627,175	\$ 3,650,000	\$ 2,022,825	
TOTAL OPERATIONS DIVISION BUDGET		\$ 3,475,848	\$ 3,481,709	\$ 5,448,772	\$ 1,972,924	56.76%

ITEM # 8
 PAGE 8

Cachuma Operation & Maintenance Board
Draft Proposed Budget
 Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	FY 2011 / 12 Approved Budget	Estimated Actuals Thru 6/30/12	FY 2012 / 13 Proposed Budget	Dollar Change	Percentage Change
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FISHERIES DIVISION

OPERATION & MAINTENANCE EXPENSES

<i>LABOR</i>						
4100	LABOR - Biology Field Crew	\$ 425,162	\$ 425,162	\$ 451,192	\$ 26,030	
TOTAL		\$ 425,162	\$ 425,162	\$ 451,192	\$ 26,030	6.12%
<i>VEHICLES & EQUIPMENT</i>						
4270	VEHICLE/EQUIP MTCE	\$ 13,000	\$ 13,000	\$ 13,000	\$ -	
4280	FIXED CAPITAL	30,000	30,000	10,000	(20,000)	
4290	MISCELLANEOUS	2,500	2,500	2,500	0	
TOTAL		\$ 45,500	\$ 45,500	\$ 25,500	\$ (20,000)	-43.96%
<i>CONTRACT LABOR</i>						
4220	METERS & VALVES	\$ 3,000	\$ 3,000	\$ 3,000	\$ -	
4222	FISH PROJECTS MAINTENANCE	15,000	15,000	13,000	(2,000)	
TOTAL		\$ 18,000	\$ 18,000	\$ 16,000	\$ (2,000)	-11.11%
<i>MATERIALS & SUPPLIES</i>						
4390	MISCELLANEOUS	\$ 6,000	\$ 6,000	\$ 6,000	\$ -	
TOTAL		\$ 6,000	\$ 6,000	\$ 6,000	\$ -	0.00%
<i>OTHER EXPENSES</i>						
4502	UNIFORMS	\$ 2,500	\$ 2,500	\$ 2,500	\$ -	
TOTAL		\$ 2,500	\$ 2,500	\$ 2,500	\$ -	0.00%
TOTAL O & M EXPENSE		\$497,162	\$497,162	\$501,192	\$4,030	0.81%

FISHERIES DIVISION

GENERAL AND ADMINISTRATIVE EXPENSES**

5407	DIRECTORS FEES	\$0	\$0	\$ 4,200	\$4,200	
5407	LEGAL	\$25,000	\$30,000	\$30,000	\$5,000	
5441	Audit	6,000	6,000	6,300	300	
5443	LIABILITY & PROPERTY INSURANCE	13,200	13,200	21,300	8,100	
5401	HEALTH BENEFITS & W/C	43,099	43,099	41,902	(1,197)	
5402	PERS	20,716	20,716	28,975	8,259	
5403	FICA/MEDICARE	9,323	9,323	11,662	2,339	
5404-09	ADMINISTRATIVE SALARIES	111,249	111,249	152,443	41,194	
5410	POSTAGE / OFFICE SUPPLIES	4,800	4,800	4,900	100	
5411	OFFICE EQUIPMENT / LEASES	4,200	4,200	5,110	910	
5412	MISC. ADMIN. EXP.	6,000	6,000	5,810	(190)	
5413	COMMUNICATIONS	3,600	3,600	4,200	600	
5414	UTILITIES	4,500	4,500	5,180	680	
5415	MEMBERSHIP DUES	2,791	2,791	2,900	109	
5416	ADMIN. FIXED ASSETS	5,000	3,000	5,000	0	
5418	COMPUTER CONSULTANT	7,500	8,100	7,700	200	
5425	EMPLOYEE EDUCATION/SUBSCRIPTIONS	3,000	2,500	3,000	0	
5430	ADMIN TRAV & CONFERENCES	3,000	2,000	3,000	0	
5431	PUBLIC INFO	1,000	1,000	3,000	2,000	
5432	TRANSPORTATION	1,000	1,000	1,000	0	
5433	RELOCATION EXPENSE	6,000	6,000	0	(6,000)	
5499	INTEREST EXPENSE	14,930	2,000	1,000	(13,930)	
TOTAL GENERAL & ADMINISTRATIVE		\$295,908	\$285,078	\$ 348,582	\$52,674	17.80%

ITEM # 8
 PAGE 9

Cachuma Operation & Maintenance Board
Draft Proposed Budget
 Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	FY 2011 / 12 Approved Budget	Estimated Actuals Thru 6/30/12	FY 2012 / 13 Proposed Budget	Dollar Change	Percentage Change
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FISHERIES DIVISION

SPECIAL PROJECTS

6201	BO/FMP Implementation	\$121,500	\$80,000	\$92,000	(\$29,500)	
6202	GIS and Mapping	10,000	10,000	10,000	0	
6203	Grants Technical Support	10,000	10,000	10,000	0	
6204	SYR Hydrology Technical Support	25,000	25,000	10,000	(15,000)	
6205	USGS Stream Gauge Program	75,000	75,000	75,000	0	
6206	Tri County Fish Team Funding	5,000	5,000	5,000	0	
6207	Oak Tree Restoration Program	80,000	80,000	20,000	(60,000)	
6208	Legislative & Steelhead Funding Support	8,000	5,000	5,000	(3,000)	
6209	SYR Riverware Model Peer Review	48,000	48,000	0	(48,000)	
6210	SYR Riverware Model Development	0	0	12,000	12,000	
6300	Habitat Enhancements					
6303	Tributary Projects Support	\$2,000	\$2,000	\$3,000	\$1,000	
6304	Quiota Creek Engineering Designs	33,000	33,000	35,000	2,000	
6307	Quiota Creek Crossing 2	735,501	705,000	0	(735,501)	
6308	Quiota Creek Crossing 7	0	0	890,000	890,000	
TOTAL SPECIAL PROJECTS		\$1,153,001	\$1,078,000	\$1,167,000	\$13,999	1.21%

TOTAL FISHERIES DIVISION BUDGET	\$1,946,071	\$1,860,240	\$2,016,774	\$70,703	3.63%
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Total COMB Gross Budget	\$5,421,919	\$5,341,949	\$7,465,546	\$2,043,627	
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Projected Offsetting Revenues:

Renewal Fund	(\$191,210)	(\$219,770)	
Trust Fund	(\$76,884)	(\$43,559)	
Santa Barbara County Betterment Fund	(\$90,000)	(\$90,000)	
Grants - QC Crossings (#2 and #7)	(\$735,501)	(\$840,419)	
Upper Reach Reliability Project - Prop 50 Gra	(\$1,200,000)	(\$2,000,000)	
Total Offsetting Revenues	(\$2,293,595)	(\$3,193,748)	

TOTAL COMB NET BUDGET	\$3,128,324	\$4,271,798	\$1,143,474	36.55%
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Notes:

General and Administrative labor costs are allocated at 65% Operations Division and 35% Fisheries Division
 General & Administrative Expenses are allocated at 65% Operations Division and 35% Fisheries Division with the exception of
 Legal, Admin Fixed Assets, Education, Travel, Public Info, Transportation, Interest Expense
 Labor costs contain 2.5% COLA increase per annual calculation

ITEM # 8
 PAGE 10

Cachuma Operation & Maintenance Board
General and Administrative Expenses Consolidated
Draft Proposed Budget
Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	Description
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GENERAL AND ADMINISTRATIVE EXPENSES

		Operations	Fisheries	Total	
5000	DIRECTORS FEES	\$7,800	\$ 4,200	\$12,000	Directors Fees
5100	AUDIT	11,700	6,300	18,000	Audit
5101	LEGAL	100,000	30,000	130,000	Legal
5200	GENERAL LIABILITY INSURANCE	40,000	21,300	61,300	General liability premiums
5201	HEALTH, WC, DC, Retirees Medical	155,566	41,902	197,468	Health, WC, DC, Retirees
5250	CAL-PERS	53,810	28,975	82,785	PERS employer portion
5339	FICA / MEDICARE	21,658	11,662	33,320	Payroll driven
5300-5304	ADMINISTRATIVE SALARIES	283,109	152,443	435,552	Admin Salaries
5310	POSTAGE/OFFICE SUPPLIES	10,000	4,900	14,900	Ofc supplies/postage
5311	OFFICE EQUIP/LEASES	9,800	5,110	14,910	Copiers lease / maintenance / Pitney Bowes
5312	MISC ADMIN EXP	10,790	5,810	16,600	Janitor / Paychex
5313	COMMUNICATIONS	8,100	4,200	12,300	COX / Verizon / ATT
5314	UTILITIES	9,900	5,180	15,080	SC Edison / SC Gas
5315	MEMBERSHIP DUES	7,295	2,900	10,195	ACWA / AWWA / misc
5316	ADMIN FIXED ASSETS	5,000	5,000	10,000	Computers/Office Furniture
5318	COMPUTER CONSULTANT	14,300	7,700	22,000	Technical Expertise
5325	EMPLOYEE EDUCATION/SUBSCRIPTION	2,000	3,000	5,000	Education and Subscriptions
5330	TRAVEL & CONF.	2,000	3,000	5,000	Admin travel
5331	PUBLIC INFO	1,000	3,000	4,000	Newspaper ads/public announcements
5332	TRANSPORTATION	1,000	1,000	2,000	Staff car
7006	INTEREST	2,000	1,000	3,000	Interest on prepaid assessments
TOTAL		\$756,828	\$348,582	\$1,105,410	

Notes:

Administrative salaries/burden are allocated as 38% Fisheries Division and 62% Operations based on proportionate salary ratio.

Cachuma Operation & Maintenance Board
 Operations & Maintenance Expenses - Operations Division
 Draft Proposed Budget
 Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	Description
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OPERATIONS and MAINTENANCE EXPENSES - Operations Division

LABOR

3100	LABOR OPS	\$822,944	Engineer, Ops Supervisor, Operations Field Crew salary/benefits
	TOTAL	\$822,944	

VEHICLES & EQUIPMENT

3201	VEHICLE/EQUIP MTCE	\$30,000	Ops & mtce costs of vehicles & equip/Cat generators/fuel costs
3202	FIXED CAPITAL	15,000	Misc replacement equipment, portable pumps, generators
3203	EQUIPMENT RENTAL	5,000	Rental equipment
3204	MISC	5,000	Small tools, supplies for tools & equipment
	TOTAL	\$55,000	

CONTRACT LABOR

3301	CONDUIT, METER, VALVE	\$20,000	Heavy equip operators, meter calib, south reach rehab project eq
3302	BUILDINGS & ROADS	20,000	Republic Elevator; equip repair; heavy equip; landscape
3303	RESERVOIRS	10,000	Reservoir cleaning/silt vacuuming, etc
3304	ENGINEERING, MISC SVCS	10,000	CIP consultants, engineering training, design
	TOTAL	\$60,000	

MATERIALS & SUPPLIES

3401	CONDUIT, METER, VALVE & MI	\$25,000	Meters, air valves, fill materials, charts, locks, signs, gate valves, etc
3402	BUILDINGS & ROADS	15,000	Paint, windows, lights, gravel, spray, fencing, etc
3403	RESERVOIRS	10,000	Gravel, base, weed spray, fencing, cleaning, etc.
	TOTAL	\$50,000	

OTHER EXPENSES

3501	UTILITIES	\$7,000	Electric; gas
3502	UNIFORMS	6,000	Uniforms; boots; raingear
3503	COMMUNICATIONS	18,000	Phones at facilities/Cell Phones/Ops & Mtce/SCADA comm
3504	USA & OTHER SERVICES	4,000	Underground Service Alerts
3505	MISC	8,000	Miscellaneous operational expenses (see page 6)
3506	TRAINING	3,000	Certs / classes
	TOTAL	\$46,000	

TOTAL O & M EXPENSE	<u>\$1,033,944</u>
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Cachuma Operation & Maintenance Board
OPERATIONS EXPENSES - OTHER
Draft Proposed Budget
Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	Totals	Detail
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OTHER EXPENSES DETAIL

3501	Utilities	\$7,000	
	PGE		3,500
	Southern California Edison		3,500
3502	Uniforms	\$6,000	
	ATZ Monogramming		700
	The Wharf		4,500
	Kirkwood Silkscreen		800
3503	Communications	\$18,000	
	ATT		1,000
	Verizon - Mn office, Carp, Ortg, NP		2,500
	Verizon - SCADA		8,000
	Nextel		5,500
	Echo		1,000
3504	USA & Other Services	\$4,000	
	USA		1,500
	Safety-Kleen		1,500
	County of Santa Barbara		500
	Draganchuk		500
3505	Miscellaneous	\$8,000	
	Misc. non-fixed assets		1,000
	OD computer/office		1,000
	City of SB Refuse		3,000
	Marborg Industries		2,000
	OD Employment Ads/other		1,000
3506	Education / Training Operations	\$3,000	
	TOTAL	<u>\$46,000</u>	

Cachuma Operation & Maintenance Board
 General and Administrative Expenses - Operations Division
 Draft Proposed Budget
 Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	Description
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GENERAL AND ADMINISTRATIVE EXPENSES

5000	DIRECTORS FEES	\$7,800	Directors Fees
5100	AUDIT	11,700	Audit
5101	LEGAL	100,000	Legal
5200	GENERAL LIABILITY INSURANCE	40,000	General liability premiums
5201	HEALTH, WC, DC, Retirees Medical	155,566	Health, WC, DC, Retirees
5250	CAL-PERS	53,810	PERS employer portion increased slightly
5339	FICA / MEDICARE	21,658	Payroll driven
5300-5307	ADMINISTRATIVE SALARIES	283,109	Admin Salaries
5310	POSTAGE/OFFICE SUPPLIES	10,000	Ofc supplies/postage
5311	OFFICE EQUIP/LEASES	9,800	Copiers lease / maintenance / Pitney Bowes
5312	MISC ADMIN EXP	10,790	Janitor / Paychex / (see pg 9)
5313	COMMUNICATIONS	8,100	COX / Verizon / ATT
5314	UTILITIES	9,900	SCE / SC Gas
5315	MEMBERSHIP DUES	7,295	ACWA / AWWA / CVWP
5316	ADMIN FIXED ASSETS	5,000	Computers/Office Furniture
5318	COMPUTER CONSULTANT	14,300	Technical Expertise
5325	EMPLOYEE EDUCATION/SUBSCRIPTIONS	2,000	Admin Expense
5330	TRAVEL & CONF.	2,000	COMB travel
5331	PUBLIC INFO	1,000	Newspaper ads/public announcements
5332	TRANSPORTATION	1,000	Staff car
7006	INTEREST	2,000	Interest on prepaid assessments
TOTAL		\$756,828	

Notes:

Administrative salaries/burden are allocated as 38% Fisheries Division and 62% Operations based on proportionate salary ratio.

Cachuma Operation & Maintenance Board

ADMINISTRATIVE EXPENSES - OD

Draft Proposed Budget

Fiscal Year 2012 - 2013

4/23/2012

<i>Account Number</i>	<i>Account Name</i>	<i>Totals</i>	<i>Detail</i>
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GENERAL AND ADMINISTRATIVE DETAIL

5000	Directors Fees	\$7,800	
5100	Audit	\$11,700	
5101	Legal	\$100,000	
5200	Liability & Property Insurance	\$40,000	
	Property		3,500
	Crime Coverage		1,000
	General Liability		35,500
5310	Postage and Office Supplies	\$10,000	
5311	Office Equipment & Leases	\$9,800	
	Coastal Copy		3,000
	Culligan Water		400
	GE Capital		4,400
	Pitney Bowes		2,000
5312	Misc Admin. Expense	\$10,790	
	Office Cleaning		6,000
	Paychex		3,600
	Misc items		1,190
5313	Communications	\$8,100	
	ATT		1,500
	Nextel Communications		1,900
	Verizon		1,500
	COX Cable Online		3,200
5314	Utilities	\$9,900	
	Southern California Edison		9,500
	The Gas Company		400
5315	Membership Dues	\$7,295	
	ACWA		6,120
	AWWA		425
	Other Dues		750
5316	Admin. Fixed Assets	\$5,000	
5318	Computer Consultant	\$14,300	
			14,300
5325	Employee Education/Subscriptions	\$2,000	
	Education		1,500
	Subscriptions		500
5330	Admin. Travel / Conferences	\$2,000	
5331	Public Information	\$1,000	
	Website Maintenance		1,000
5332	Transportation	\$1,000	
7006	Interest	\$2,000	
	TOTAL	\$242,685	

Cachuma Operation & Maintenance Board
 SPECIAL PROJECTS - Operations Division
 Draft Proposed Budget
 Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	Description
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6062	SCADA Tesco Controls Miscellaneous	\$35,000		Annual Maintenance Contract Misc expenses affiliated with equip replacement/repair/training
			10,000	
			25,000	
6090	COMB Building/Grounds Repair Miscellaneous Contractors	\$30,000		Repair and mtce of facilities and grounds
			30,000	
6092	SCC Improv Plan and Design	\$25,000		Engineering Support
			25,000	
6096	SCC Structure Rehabilitation	\$75,000		Lower Reach Air Vac Valve Replacement Program
			75,000	
6097	GIS and Mapping	\$10,000		Software, licensing, support/additional mapping
			10,000	
6101	SCC Emergency Pipeline Materials Vendor	\$100,000		SCC pipeline sections, nozzels, connections, etc
			100,000	
6103	MURRP - Phase II Contractor/Consultants	\$3,200,000		SCC - MURRP
			3,200,000	
6104	Lower Reach Boundary Meter	\$50,000		Meter Replacement
			25,000	SCADA replacement
			25,000	
6105	ROW Management Program	\$75,000		CCC - 4 weeks labor
			50,000	Purchase chainsaw and chipper
			25,000	
6106	North Portal / Lake Intake Tower Phase I	\$50,000		Chainlink Gate and partial perimeter fencing
			30,000	Electrical Upgrades and Elevator upgrades
			20,000	
TOTAL Special Projects		<u>\$3,650,000</u>		

Cachuma Operation & Maintenance Board
 Operations & Maintenance Expenses - Fisheries Division
 Draft Proposed Budget
 Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	Description
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OPERATIONS and MAINTENANCE EXPENSES - Fisheries Activites

<u>LABOR</u>		
4100	LABOR	\$ 451,192 Biology Field Crew salary/benefits
	TOTAL	\$ 451,192
<u>VEHICLES & EQUIPMENT</u>		
4270	VEHICLES MAINT	\$ 13,000 Fuel, tires, maintenance, etc.
4280	FIXED CAPITAL	10,000 Equipment / New vehicle
4290	MISC	2,500 Miscellaneous
	TOTAL	\$ 25,500
<u>CONTRACT LABOR</u>		
4221	METERS & VALVES	\$ 3,000 Calibration of flow meters and sonde meters
4222	FISH PROJECTS MT. WORK	13,000 Maintenance of fish passage projects
	TOTAL	\$ 16,000
<u>MATERIALS & SUPPLIES</u>		
4390	MISC	\$ 6,000 Misc supplies/additional monitoring equipment
	TOTAL	\$ 6,000
<u>OTHER EXPENSES</u>		
4502	UNIFORMS	\$ 2,500 Biology crew gear
	TOTAL	\$ 2,500
	<u>TOTAL O & M EXPENSE</u>	<u>\$ 501,192</u>

Cachuma Operation & Maintenance Board
 General and Administrative Expenses - Fisheries Division
 Draft Proposed Budget
 Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	Description
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GENERAL AND ADMINISTRATIVE EXPENSES

5400	DIRECTORS FEES	\$ 4,200	Directors Fees
5441	AUDIT	6,300	Annual Audit
5407	LEGAL	30,000	Legal
5443	GENERAL LIABILITY INSURANCE	21,300	General liability premiums
5401	HEALTH & Workers Comp.	41,902	Health and WC premiums
5402	CAL-PERS	28,975	PERS employer portion increased slightly
5403	FICA / MEDICARE	11,662	Payroll driven
5404-09	ADMINISTRATIVE SALARIES	152,443	Administrative Salaries
5410	POSTAGE/OFFICE SUPPLIES	4,900	Ofc supplies/postage
5411	OFFICE EQUIP/LEASES	5,110	Copiers lease / maintenance / Pitney Bowes
5412	MISC ADMIN EXP	5,810	J&C janitorial / Paychex / Website mtce & updates/misc
5413	COMMUNICATIONS	4,200	COX / Verizon / ATT
5414	UTILITIES	5,180	SCE / SC Gas
5415	MEMBERSHIP DUES	2,900	Fisheries Associations
5416	ADMIN FIXED ASSETS	5,000	Computers/Office Furniture
5418	COMPUTER CONSULTANT	7,700	Technical Expertise
5425	EMPLOYEE EDUCATION/SUBSCRIPTIONS	3,000	Admin Expense
5430	TRAVEL & CONF.	3,000	Travel Expenses
5431	PUBLIC INFO	3,000	Newspaper ads/public announcements
5432	TRANSPORTATION	1,000	Staff car
5499	INTEREST EXPENSE	1,000	Interest expense on prepaid assessment
TOTAL		\$ 348,582	

Notes:

Administrative salaries are allocated 30% Fisheries Division and 70% Operations Division based on number of personnel.

Cachuma Operation & Maintenance Board
ADMINISTRATIVE EXPENSES - Fisheries Division
Draft Proposed Budget
Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	Totals	Detail
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GENERAL AND ADMINISTRATIVE DETAIL

5400	Directors Fees	\$4,200	
5407	Legal	\$30,000	
5441	Audit	\$6,300	
5443	Liability & Property Insurance	\$21,300	
	Property		1,500
	Crime Coverage		300
	General Liability		19,500
5410	Postage and Office Supplies	\$4,900	
5411	Office Equipment & Leases	\$5,110	
	Coastal Copy		900
	Culligan Water		300
	GE Capital		3,010
	Pitney Bowes		900
5412	Misc Admin. Expense	\$5,810	
	J & C Services		3,410
	Paychex		2,000
	Misc.		400
5413	Communications	\$4,200	
	ATT		1,700
	Verizon		800
	COX Cable Online		1,700
5414	Utilities	\$5,180	
	Southern California Edison		3,880
	The Gas Company		1,300
5415	Membership Dues	\$2,900	
	American Fisheries Society		500
	ACWA		2,200
	Salmonid Restoration Federation		200
5416	Admin. Fixed Assets	\$5,000	
5418	Computer Consultant	\$7,700	
			7,700
5425	Employee Education/Subscriptions	\$3,000	
	Education		2,500
	Subscriptions		500
5430	Admin. Travel / Conferences	\$3,000	
5431	Public Information	\$3,000	
	Public Information		1,000
	Website Development		1,000
5432	Transportation	\$1,000	
5499	Interest Expense	\$1,000	
		\$113,600	
	TOTAL	\$113,600	

Cachuma Operation & Maintenance Board
Special Projects - Fisheries Division
Draft Proposed Budget
Fiscal Year 2012 - 2013

4/23/2012

Account Number	Account Name	Totals	Description
6201	Biological Opinion/FMP Implementation	\$92,000	
		42,000	BO Compliance Tasks and Support
		5,000	AMC and CC participation and tech support
		45,000	Fisheries monitoring program support
6202	GIS and mapping	\$10,000	
		10,000	GIS Tech support, materials, equip, software
6203	Grants and Workshop Technical Support	\$10,000	
		10,000	Technical support for grants research and management
6204	SYR Hydrology Technical Support	\$10,000	
		10,000	Hydrologic Modeling support
6205	USGS Stream Gauge Program*	\$75,000	
		75,000	USGS Stream Gauge Program
6206	Tri County Fish Team Funding	\$5,000	
		5,000	Tri County Fish Team participation
6207	Oak Tree Restoration Program	\$20,000	
		20,000	Oversight
6208	Legislative & Steelhead Funding Support	\$5,000	
		5,000	Federal & State legislative assistance
6210	SY Riverware Model Development	\$12,000	
		12,000	Riverware software development
TOTAL Special Projects		<u>\$239,000</u>	

* Reimbursed through County of Santa Barbara Betterment Fund

Cachuma Operation & Maintenance Board
Habitat Enhancements - Fisheries Division
Draft Proposed Budget
Fiscal Year 2011 - 2012

4/23/2012

Account Number	Account Name	Totals		Description
6303	Tributary Projects Support HDR FishPro	\$3,000	3,000	
6304	Quiota Creek Engineering Designs HDR FishPro	\$35,000	35,000	Design support for crossings 7,1,3,4,5
6308	Quiota Creek Crossing 7 Contractor/Consultants HDR FishPro	\$890,000	875,000 15,000	Tributary Projects Engineering Oversight
TOTAL Habitat Enhancements		<u>\$928,000</u>		

Grants Status:

Pending	California Wildlife Conservation Board	\$ 397,683	
Approved	CDFG Grant - Crossing 7	<u>442,736</u>	
		<u>\$ 840,419</u>	

CACHUMA OPERATION & MAINTENANCE BOARD

Draft Budget Allocation FY 2012-13
OPERATIONS DIVISION 4/23/2012

ID#1 Allocated Costs (SC Ops Div)	Percentage	FY 2012-13 DOLLAR \$	FY 2011-12 DOLLAR \$
Cost Benefit Analysis \$ 25,000	10.31%	\$ -	\$ 2,578
Bldgs/Grounds repair \$ 30,000	10.31%	\$ 3,093	\$ 3,093
TOTAL		\$ 3,093	\$ 5,671

Directors Fees (All M/U equal share)			
MEMBER UNIT	Percentage	DOLLARS \$	DOLLARS \$
Goleta Water District	20.00%	\$ 2,400	\$ 2,400
City of Santa Barbara	20.00%	\$ 2,400	\$ 2,400
Carpinteria Valley Water District	20.00%	\$ 2,400	\$ 2,400
Montecito Water District	20.00%	\$ 2,400	\$ 2,400
SYRWCD ID#1	20.00%	\$ 2,400	\$ 2,400
TOTAL	100.00%	\$ 12,000	\$ 12,000

SCMU Allocated Costs (SC Ops Div)			
MEMBER UNIT	Percentage	DOLLARS \$	DOLLARS \$
Goleta Water District	40.42%	\$ 2,196,293	\$ 1,389,712
City of Santa Barbara	35.88%	\$ 1,949,604	\$ 1,233,618
Carpinteria Valley Water District	12.20%	\$ 662,909	\$ 419,458
Montecito Water District	11.50%	\$ 624,873	\$ 395,390
TOTAL	100.00%	\$ 5,433,679	\$ 3,438,178

TOTAL Operations Division Budget			
MEMBER UNIT	Actual %	DOLLARS \$	DOLLARS \$
Goleta Water District	40.35%	\$ 2,198,693	\$ 1,392,112
City of Santa Barbara	35.82%	\$ 1,952,004	\$ 1,236,018
Carpinteria Valley Water District	12.21%	\$ 665,309	\$ 421,858
Montecito Water District	11.51%	\$ 627,273	\$ 397,790
Santa Ynez River Wtr Conserv Dist, ID#1	0.10%	\$ 5,493	\$ 8,071
TOTAL	100.00%	\$ 5,448,772	\$ 3,455,849

FISHERIES DIVISION

O & M, G & A, Special Projects			
MEMBER UNIT	Percentage	DOLLARS \$	DOLLARS \$
Goleta Water District	36.25%	\$ 731,081	\$ 712,700
City of Santa Barbara	32.19%	\$ 649,200	\$ 632,878
Carpinteria Valley Water District	10.94%	\$ 220,635	\$ 215,088
Montecito Water District	10.31%	\$ 207,929	\$ 202,702
Santa Ynez River Wtr ConservDist, ID#1	10.31%	\$ 207,929	\$ 202,702
TOTAL Fisheries Division Budget	100.00%	\$ 2,016,774	\$ 1,966,069

MEMBER UNIT TOTALS	Actual %	DOLLARS \$	DOLLARS \$
Goleta Water District	39.24%	\$ 2,929,774	\$ 2,104,812
City of Santa Barbara	34.84%	\$ 2,601,204	\$ 1,868,896
Carpinteria Valley Water District	11.87%	\$ 885,944	\$ 636,946
Montecito Water District	11.19%	\$ 835,202	\$ 600,492
Santa Ynez River Wtr Conserv Dist, ID#1	2.86%	\$ 213,422	\$ 210,772
TOTAL GROSS COMB BUDGET	100.00%	\$ 7,465,546	\$ 5,421,918

CACHUMA OPERATION & MAINTENANCE BOARD

Draft Budget Allocation FY 2012-13			
Renewal Fund / Trust Fund Offset		DOLLARS \$	DOLLARS \$
Goleta Water District	37.58%	(\$98,959)	(\$100,750)
City of Santa Barbara	33.17%	(\$87,351)	(\$88,932)
Carpinteria Valley Water District	11.27%	(\$29,687)	(\$30,224)
Montecito Water District	10.62%	(\$27,977)	(\$28,484)
Santa Ynez River Wtr Consv Dist, ID#1	7.35%	(\$19,354)	(\$19,354)
TOTAL	100.00%	(\$263,329)	(\$268,094)

County Betterment Fund Offset	Percentage	DOLLARS \$	DOLLARS \$
Goleta Water District	36.25%	\$ (32,625)	\$ (32,625)
City of Santa Barbara	32.19%	\$ (28,971)	\$ (28,971)
Carpinteria Valley Water District	10.94%	\$ (9,846)	\$ (9,846)
Montecito Water District	10.31%	\$ (9,279)	\$ (9,279)
Santa Ynez River Wtr Consv Dist, ID#1	10.31%	\$ (9,279)	\$ (9,279)
TOTAL	100.00%	(\$90,000)	(\$90,000)

Proposition 50 Grant Reimbursement	Percentage	DOLLARS \$	DOLLARS \$
Goleta Water District	40.42%	\$ (808,340)	\$ (485,004)
City of Santa Barbara	35.89%	\$ (717,806)	\$ (430,683)
Carpinteria Valley Water District	12.20%	\$ (243,951)	\$ (146,371)
Montecito Water District	11.50%	\$ (229,903)	\$ (137,942)
TOTAL		\$ (2,000,000)	\$ (1,200,000)

DFG Grant Reimbursement	Percentage	DOLLARS \$	DOLLARS \$
Goleta Water District	36.25%	\$ (304,652)	\$ (266,619)
City of Santa Barbara	32.19%	\$ (270,531)	\$ (236,758)
Carpinteria Valley Water District	10.94%	\$ (91,942)	\$ (80,464)
Montecito Water District	10.31%	\$ (86,647)	\$ (75,830)
Santa Ynez River Wtr Consv Dist, ID#1	10.31%	\$ (86,647)	\$ (75,830)
TOTAL		\$ (840,419)	\$ (735,501)

NET TOTAL COMB BUDGET	Percentage	DOLLARS \$	DOLLARS \$
Goleta Water District	39.45%	\$ 1,685,198	\$ 1,222,342
City of Santa Barbara	35.03%	\$ 1,496,545	\$ 1,068,857
Carpinteria Valley Water District	11.95%	\$ 510,518	\$ 379,182
Montecito Water District	11.27%	\$ 481,396	\$ 358,264
Santa Ynez River Wtr Consv Dist, ID#1	2.30%	\$ 98,142	\$ 99,679
TOTAL		\$ 4,271,798	\$ 3,128,324

Quarterly Assessments		DOLLARS \$	DOLLARS \$
Goleta Water District		\$ 421,299	\$ 305,585
City of Santa Barbara		\$ 374,136	\$ 267,214
Carpinteria Valley Water District		\$ 127,629	\$ 94,796
Montecito Water District		\$ 120,349	\$ 89,566
Santa Ynez River Wtr Consv Dist, ID#1		\$ 24,536	\$ 24,920
TOTAL		\$ 1,067,950	\$ 782,081

Notes:

- 1) General & Administrative Expenses are allocated at 65% Operations Division and 35% Fisheries Division with the exception of Legal Fees, Membership dues, Admin Fixed Assets, Education, Travel, Public Info, Transportation, Interest Expense
- 2) Directors fees are allocated equally among all member units using .20 as multiplier
- 3) COMB Buildings/Grounds Repair is allocated at Cachuma Entitlement Percentage
- 4) South Coast Operations Division is allocated at SCMU Entitlement Percentages
- 5) Fisheries Division is allocated at Cachuma Entitlement Percentages

ITEM # 8
PAGE 23

Cachuma Operation and Maintenance Board
Cash Flow Projections
Fiscal Years 2012 and 2013

COMB Approved Revised Budget FY 2011-12
Projected Cash Flow

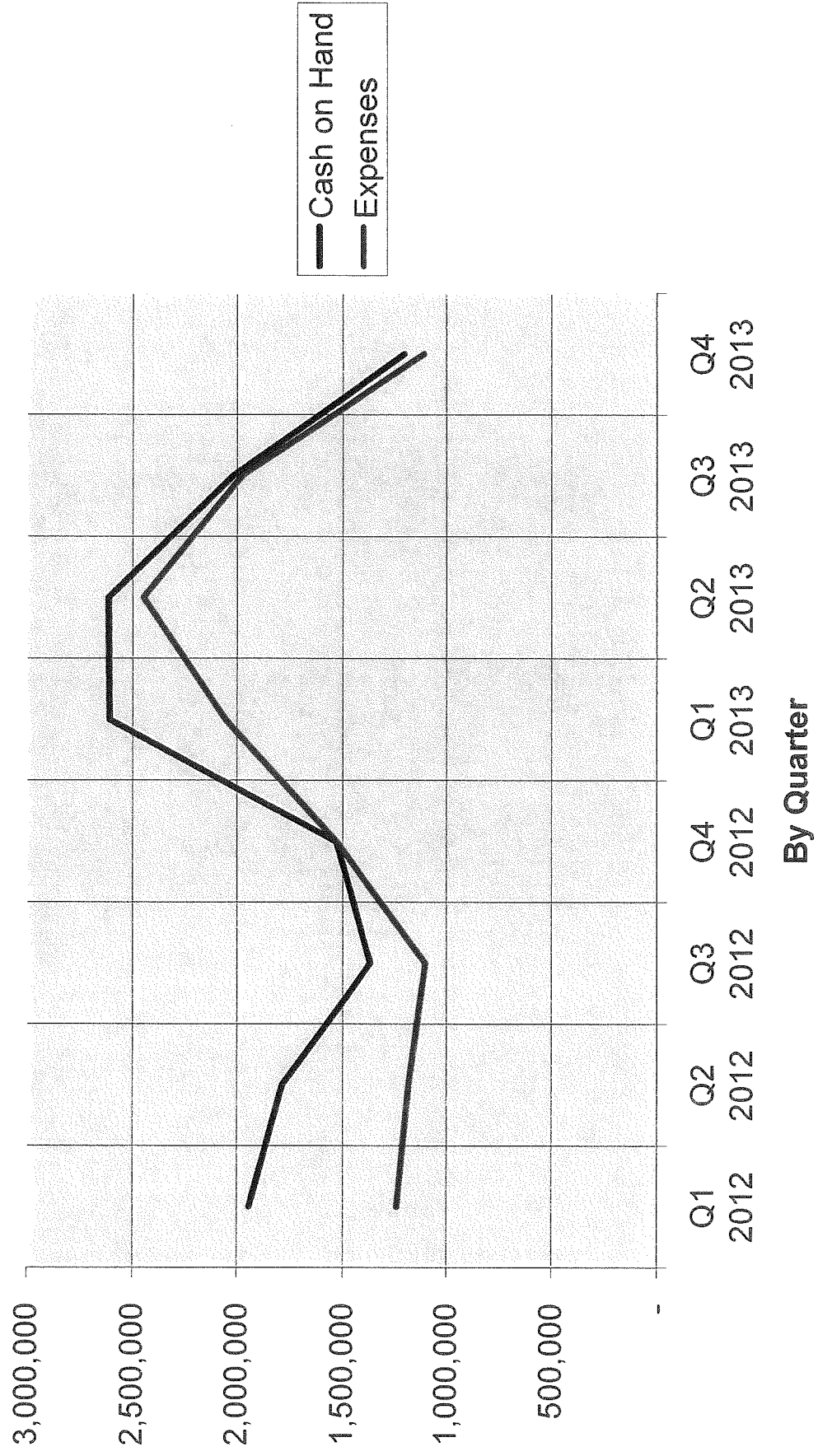
	1st Quarter 2011-12			2nd Quarter 2011-12			3rd Quarter 2011-12			4th Quarter 2011-12			2011-12					
	July	August	September	Q1 Totals	October	November	December	Q2 Totals	January	February	March	Q3 Totals	April	May	June	Q4 Totals	Revenues	Expenses
Revenues																		
Previous Qtr Funds	\$ 267,214	\$ 801,642		\$ 1,068,856	\$ 704,866			\$ 1,333,577	\$ 605,403			\$ 1,363,245	\$ 265,166					
City of Santa Barbara	305,585			305,585	305,585			305,585	305,585			305,585	305,585					
GWD	89,566	268,698		358,264	94,796			94,796	94,796			94,796	94,796					
MWD	24,920			24,920	24,920			24,920	24,920			24,920	24,920					
CVWD	67,024			67,024	67,024			67,024	67,024			67,024	67,024					
SYRWCD ID#1	22,500			22,500	22,500			22,500	22,500			22,500	22,500					
TF/RF	0			0	51,415			51,415				197,568						
SB Co. BF					62,471			62,471				45,449						
OC Xing #2 DFG Grant																		
MURRP Prop 50 Grant																		
Cash on Hand	\$ 871,605	\$ -	\$ -	\$ 871,605	\$ 1,333,577	\$ -	\$ -	\$ 1,333,577	\$ 1,120,228	\$ 45,449	\$ 197,568	\$ 1,363,245	\$ 779,991	\$ 748,675	\$ -	\$ -	\$ 1,528,666	\$ 5,043,539
Expenses																		
Operations Division	\$ 159,813	\$ 159,813	\$ 159,813	\$ 479,439	\$ 159,813	\$ 159,813	\$ 159,813	\$ 479,439	\$ 159,813	\$ 159,813	\$ 159,813	\$ 479,439	\$ 159,813	\$ 159,813	\$ 159,813	\$ 159,813	\$ 1,917,754	\$ 1,917,754
Fisheries Division	100,880	100,880	100,880	302,640	100,880	100,880	100,880	302,640	100,880	100,880	100,880	302,640	100,880	100,880	100,880	100,880	1,210,560	1,210,560
SCC Emrgy Repairs																		
OC Xing #2 Project		80,000	300,000	380,000	330,000	2,638		332,638										
MURRP - other			75,000	75,000				75,000										
MURRP - Blis																		
Totals	\$ 280,693	\$ 340,693	\$ 635,693	\$ 1,257,079	\$ 590,693	\$ 263,331	\$ 325,693	\$ 1,179,717	\$ 260,693	\$ 418,693	\$ 418,693	\$ 1,098,079	\$ 613,693	\$ 418,693	\$ 493,693	\$ 1,526,079	\$ 4,870,952	\$ 4,870,952
Surplus/(Deficit)				\$ 704,866				\$ 605,403				\$ 265,166					\$ 2,587	\$ 172,587

COMB Estimated Draft Budget FY 2012-13
Projected Cash Flow

	1st Quarter 2012-13			2nd Quarter 2012-13			3rd Quarter 2012-13			4th Quarter 2012-13			2012-13					
	July	August	September	Q1 Totals	October	November	December	Q2 Totals	January	February	March	Q3 Totals	April	May	June	Q4 Totals	Revenues	Expenses
Revenues																		
Previous Qtr Funds	\$ 2,587			\$ 2,587	\$ 557,206			\$ 559,793	\$ 166,925			\$ 1,666,118	\$ 43,929					
City of Santa Barbara	374,136			374,136	374,136			748,272	374,136			748,272	374,136					
GWD	421,299			421,299	421,299			842,598	421,299			842,598	421,299					
MWD	120,349			120,349	120,349			240,698	120,349			240,698	120,349					
CVWD	127,629			127,629	127,629			255,258	127,629			255,258	127,629					
SYRWCD ID#1	24,536			24,536	24,536			49,072	24,536			49,072	24,536					
TF/RF	65,000			65,000	65,000			130,000	65,000			130,000	65,000					
SB Co. BF	22,500			22,500	22,500			45,000	22,500			45,000	22,500					
OC Xing #7 Project		1,450,000		1,450,000				1,450,000				1,450,000						
MURRP Prop 50 Grant																		
Cash on Hand	\$ 1,158,036	\$ 1,450,000	\$ -	\$ 2,608,036	\$ 1,712,655	\$ 350,000	\$ 550,000	\$ 2,612,655	\$ 1,672,374	\$ -	\$ 343,405	\$ 2,015,779	\$ 1,199,378	\$ -	\$ -	\$ -	\$ 1,199,378	\$ 7,687,768
Expenses																		
Operations Division	\$ 194,852	\$ 194,852	\$ 194,852	\$ 584,556	\$ 194,852	\$ 194,852	\$ 194,852	\$ 584,556	\$ 194,852	\$ 194,852	\$ 194,852	\$ 584,556	\$ 194,852	\$ 194,852	\$ 194,852	\$ 584,556	\$ 2,338,225	\$ 2,338,225
Fisheries Division	172,838	172,838	172,838	518,514	172,838	172,838	172,838	518,514	172,838	172,838	172,838	518,514	172,838	172,838	172,838	518,514	2,074,056	2,074,056
MURRP - other	157,960	394,900	394,900	947,760	394,900	473,880	473,880	1,216,540	473,880	394,900	394,900	1,263,660	394,900					
MURRP	\$ 525,650	\$ 762,580	\$ 762,580	\$ 2,050,810	\$ 762,580	\$ 841,570	\$ 841,570	\$ 2,445,730	\$ 841,570	\$ 762,580	\$ 367,690	\$ 1,971,850	\$ 367,690	\$ 367,690	\$ 367,690	\$ 1,103,070	\$ 4,412,281	\$ 4,412,281
Totals	\$ 1,158,036	\$ 1,450,000	\$ -	\$ 2,608,036	\$ 1,712,655	\$ 350,000	\$ 550,000	\$ 2,612,655	\$ 1,672,374	\$ -	\$ 343,405	\$ 2,015,779	\$ 1,199,378	\$ -	\$ -	\$ -	\$ 1,199,378	\$ 7,687,768
Surplus/(Deficit)				\$ 557,206				\$ 166,925				\$ 43,929					\$ 96,308	\$ 96,308

ITEM # 24

COMB Projected Cash Flows Fiscal Years 2012 - 2013



CACHUMA OPERATION AND MAINTENANCE BOARD

FISCAL YEAR 2012-2013

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.

In September of 2010, the Cachuma Operation and Maintenance Board approved a budget adjustment effective January 2011 to transfer from CCRB the implementation of the Santa Ynez Fisheries Program as required by the 2000 Biological Opinion.

OPERATIONS AND MAINTENANCE DIVISION:

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 six member field crew and an Engineer / Operations Supervisor position. The benefits include medical, dental and vision insurance coverage, a \$20,000 life insurance policy per employee, deferred compensation, social security contributions, mandatory workers' compensation coverage, an employee assistance program (EAP), FICA/Medicare and the CalPERS retirement contribution (2% @ 55 formula). The health, vision, dental and life insurance programs are negotiated through ACWA/JPIA. The Workers' Compensation premiums are based on payroll calculated at various percentages depending on the category of each employee (clerical, outside sales and field operations). This line item includes a 2.5% COLA per the annual calculation.

The decrease in labor costs for the Operations Division is primarily due to the re-allocation of the Water Resources Planner position to Administration. This position supports both operational activities as well as fisheries activities. This position will now be allocated 65%

to Operations Administration and 35% Fisheries Administration. The labor costs in these two lines items have increased accordingly.

The workers compensation insurance costs are anticipated to be lower in FY 2012-13 due to a downward adjustment in our experience modification factor as well as COMB joining the ACWA/JPIA workers compensation group. A multiple policy discount has been applied as additional savings.

Total of this account: \$ 822,944

VEHICLES & EQUIPMENT – 3201 thru 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. In particular, 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 vehicles, equipment or large tools as may be necessary in the fiscal year. Account 3203 includes all rental equipment charges necessary for operation. 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, work plan and number of items appropriately designated to be purchased from these accounts.

Vehicle / Equip maintenance and fixed capital were increase slightly due to the escalating fuel costs and anticipated purchase of replacement equipment.

Totals by Account:	3201 Vehicle/Equip	\$ 30,000
	3202 Fixed Capital	15,000
	3203 Equip Rental	5,000
	3204 Misc.	<u>5,000</u>
		\$55,000

CONTRACT LABOR - 3301 thru 3304

The Contract Labor account contains funds for outside services/labor that cannot be supported by COMB staff which may include elevator repair, tree trimming and removal services, heavy equipment and operators' labor costs for various small projects, meter calibration and 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 extraordinary engineering, design or study projects.

With the ongoing rehabilitation work planned to be performed during FY 2012-13, it was necessary to increase this line item for assistance from outside contractors. The engineering services line item was decreased due to the utilization of staff expertise.

Totals by Account:	3301 Conduit, etc.	\$ 20,000
	3302 Buildings/Roads	20,000
	3303 Reservoirs	10,000
	3304 Engineering, Misc	<u>10,000</u>
		\$ 60,000

MATERIALS / SUPPLIES - 3401 thru 3403

The Materials and Supplies account covers costs related to operation and maintenance of the conduit, reservoirs, and outlying buildings and roads. This account includes funding for gravel, fencing, charts, locks, paint, fire extinguishers, etc. The buildings-roads line item was increased slightly in preparation of the building drainage at Ortega Reservoir.

Totals by Account:	3401 Conduit, etc.	\$ 25,000
	3402 Buildings, Roads	15,000
	3403 Reservoirs, Misc	<u>10,000</u>
		\$ 50,000

OTHER EXPENSES - 3501 thru 3506

The Other 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. All of these costs are based on actual charges for the services and changes in amounts are made only as necessary. There was a slight increase in the uniform line item due to lack of appropriate funding in prior year.

Totals by Account:	3501 Utilities	\$ 7,000
	3502 Uniforms	6,000
	3503 Communications	18,000
	3504 USA & Other Svcs	4,000
	3505 Misc.	8,000*
	3506 Training & Certs	<u>3,000</u>
		\$46,000

*Misc detail:

Operations Division non-fixed assets expenses, computer/software/office supply needs, shipping, refuse/recycle/green waste/non-hazmat material disposal, portable toilets/roll off boxes, operations employment ads/background checks.

Non-fixed assets	1,000
Operations computer/ Software/ofc supply needs	1,000
Refuse/recycle, etc	3,000
Portable toilets/roll offs	2,000
Employment ads etc	<u>1,000</u>
	\$8,000

TOTAL O & M EXPENSES – Operations Division **\$1,033,944**

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, audit, contractual 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. Most of the Administrative accounts are allocated between the Operations Division (65%) and the Fisheries Division (35%) according to payroll allocations.

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. This cost is now allocated at a 65% Operations and 35% Fisheries division allocation.

Total of this account: \$7,800

AUDIT - 5100

This account reflects costs for the annual COMB audit allocated 65% to the operations division and 35% to the fisheries division.

Total of this account: \$11,700

LEGAL - 5101

This account reflects costs for the COMB general counsel and any special litigation expenses. The legal line item has been increased due to projected / anticipated services for the fiscal year. Current years' legal expense may exceed budgeted amount.

Total of this account: \$100,000

UNEMPLOYMENT TAX - 5150

COMB is in the California 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 may arise. The calculation of this account is normally payroll driven. However, the Board has decided to approve funding for any claims that may arise so this account will be kept at zero for FY 12-13.

Total of this account: \$ 0.00

LIABILITY / PROPERTY INSURANCE - 5200

This account reflects insurance costs for coverage provided by ACWA/JPIA for all general liability, property insurance (buildings, personal property, fixed equipment, and catastrophic coverage), crime coverage, employee dishonesty, and replacement costs. The general liability premiums are based on a formula that includes annual payroll as well as a three year loss history of claims.

The property insurance premiums are based on value of property in which coverage is provided. These costs are allocated between the Operations Division (65%) and the Fisheries Division (35%). The general liability and property insurance line item has been increased according to the projected insurance costs for the coming fiscal year and is an allocated cost between the Ops Division and the Fisheries Division.

Total of this account: \$40,000

HEALTH AND WORKERS' COMPENSATION - 5201

This account reflects costs for 65% of all administrative staff health premiums (medical, dental, vision & life), and employee assistance program (EAP), deferred compensation and workers' compensation premiums as well as all retiree health premiums. 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/JPIA and although there have been substantial increases in the past, the premiums have remained competitive throughout the years. This line item includes a projected 10% increase in health premiums which may occur in January 2013.

Total of this account: \$ 155,566

CalPERS - 5250

This account reflects costs for the California Public Employees Retirement System. The costs are based on 70% of salaries for all COMB administrative staff. COMB pays the employer cost (12.007%) and the employee cost (7%) of the retirement plan contributions. Our employer contribution percentage remains relatively low. The calculation of this account is payroll driven.

Total of this account: \$ 53,810

FICA & MEDICARE - 5339

This account reflects 65% of the matching share of social security and medicare taxes for all administrative employees.

Total of this account: \$ 21,658

ADMINISTRATIVE SALARIES - 5300, 5301, 5304, 5306, 5307

This account reflects Board approved salaries for the specified positions of General Manager, Administrative Manager, Administrative Assistant, Administrative Secretary and a Water Resources Planner at 65% apportionment. These salaries for all administrative staff (except the GM) contain a 2.5% cost of living increase. The COLA calculation is based on a melding of both the Los Angeles / Riverside index with the US City average index for a 13 month rolling period. The salary for the General Manager is set by the COMB Board.

The Water Resource Planner position has been shifted to the Administrative Salaries with a split between the Operations division and the Fisheries division as discussed above in the Operations Labor explanation.

General Manager - 5300	\$ 104,000
Administrative Manager - 5301	64,092
Administrative Secretary – 5304	39,590
Administrative Assistant - 5306	36,785
Water Resources Planner – 5307	<u>38,642</u>
Total for these accounts:	\$ 283,109

OFFICE EXPENSE & POSTAGE - 5310

The Office Expense & Postage account reflects the cost of all office supplies and postage for general and administrative tasks. General and Administrative expenses have been reduced to the lowest level of effective operation for FY 2012-13.

Total of this account: \$ 10,000

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: \$ 9,800

MISCELLANEOUS ADMINISTRATIVE EXPENSE - 5312

This account contains funds necessary for office cleaning, board meeting supplies, Paychex payroll costs, building alarm renewal, and miscellaneous expenses. General and Administrative expenses have been reduced to the lowest level of effective operation for FY 2012-13.

Office Cleaning	\$6,000
Paychex payroll costs	3,600
Misc expenses	<u>1,190</u>
Total of this account:	\$ 10,790

COMMUNICATIONS - 5313

This account contains funds necessary for the telephone service, long distance service, cable internet service, conference call service and General Manager cell phone service. General and Administrative expenses have been reduced to the lowest level of effective operation for FY 2012-13.

Total of this account: \$ 8,100

UTILITIES - 5314

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

Total of this account: \$ 9,900

MEMBERSHIP DUES - 5315

This account reflects membership dues for ACWA, ASME, APWA, AWWA, and subscriptions for professional publications.

Total of this account: \$ 7,295

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 for an outside consulting company which provides monitoring and technical support for all of our information technology and computer related needs. This line item has been reduced from the prior year and staff will continue to seek services for this effort at a reduced rate.

Total of this account: \$ 14,300

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. This account has been reduced from the prior fiscal year.

Total of this account: \$ 2,000

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. This account has been reduced from the prior fiscal year.

Total of this account: \$ 2,000

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

INTEREST EXPENSE - 5390

This account is for possible interest payment to the Member Units who elect to participate in advancing their budget assessments in order for COMB to complete grant funded projects during the course of this fiscal year.

Total of this account: \$ 2,000

TOTAL GENERAL AND ADMINISTRATIVE - Operations Division \$ 756,828

SPECIAL GENERAL AND ADMINISTRATIVE

INTEGRATED REGIONAL WATER MANAGEMENT PLAN - 5510

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

Total of this account: \$ 5,000

OPEB ACTUARIAL - 5512

This line item will pay for an outside consultant to perform an actuarial in order for COMB to comply with mandated GASB 45 regulations.

Total of this account: \$ 3,000

**TOTAL SPECIAL GENERAL AND ADMINISTRATIVE -
Operations Division** **\$ 8,000**

SPECIAL PROJECTS - Operations Division

SCADA SYSTEM - 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, equipment replacement, upgrades and support services.

The current SCADA system is in need of improvement and has been increased to reflect funds necessary to implement minor aspects of improvement for FY 2012-13.

Total of this account: \$ 35,000

COMB BUILDING AND GROUNDS REPAIR - 6090

This account will provide funds for existing mobile units and permanent building repair requirements, as well as maintaining and updating facilities in the vicinity of Lauro Yard.

Total of this account: \$30,000.

SOUTH COAST CONDUIT IMPROVEMENT PLAN AND DESIGN - 6092

The SCC improvement plan and design account consists of outside engineering consultant services to perform condition assessments in the system if needed. This account has been reduced significantly due to staff technical expertise.

Total of this account: \$ 25,000

SOUTH COAST CONDUIT STRUCTURE REHABILITATION - 6096

This account will be used to provide security protective measures at the North Portal location as well as air-vac valve rehabilitation in the lower reach of the system.

Total of this account: \$ 75,000

GIS AND MAPPING - 6097

In previous years COMB was authorized to initiate a Geographical based information system by purchasing the latest software, components, and data input. This budget year COMB continues to update the GIS data base with current information that also periodically requires software updates. This account will also be used to keep licenses current and maintenance of the programs up to date. The GIS data base is used daily for USA callouts and the newly developed maintenance program.

Total of this account: \$ 10,000

SCC EMERGENCY PIPELINE REPAIRS - 6101

This account will be used to purchase and store pipe, fittings, and appurtenances for emergency repairs during the course of the fiscal year.

Total of this account: \$ 100,000

UPPER REACH RELIABILITY PROJECT - PHASE II - 6103

Phase II of the MURRP will continue for FY 2012-13. Elements of this project will include; replacement of the south portal structure, rehabilitation of air valves and blow offs, replacement of the Glen Annie Weir, sections of SCC replacements, and Goleta West Meter replacements.

Total of this account: \$ 3,200,000

LOWER REACH BOUNDARY METER PROJECT – 6104

This line item will provide funds to replace the Boundary Meter in the Lower Reach between Montecito Water District and Carpinteria Valley Water District. This flow meter has experienced multiple failures in the past and is in need of replacement.

Total of this account: \$ 50,000

ROW MANAGEMENT PROGRAM – 6105

This line item will provide the resources necessary for clearing and maintaining the SCC Right-of-Way over the pipeline and allow greater access for inspection of the facilities and appurtenances. These funds include labor and equipment to perform the clearing of heavily wooded terrain.

Total of this account: \$ 75,000

NORTH PORTAL / LAKE INTAKE TOWER PHASE I – 6106

This line item will provide the resources necessary for rehabilitation to the electrical system and the elevator as well as security provisions for this portion of the system.

Total of this account: \$ 50,000

SPECIAL PROJECTS TOTAL **\$ 3,650,000**

TOTAL OPERATIONS DIVISION BUDGET **\$ 5,448,772**

OPERATIONS AND MAINTENANCE - Fisheries Division

Program Description

To maintain and support all associated costs of operation and maintenance as they relate to the implementation of the NMFS Biological Opinion and the Lower Santa Ynez River Fish Management Plan.

LABOR - 4100

Biology Field Crew Labor reflects labor costs and benefits for a two member field crew, a Senior Resource Scientist, and four part-time seasonal bio-aide positions. The benefits include medical, dental and vision insurance coverage, a \$20,000 life insurance policy per employee, deferred compensation, matching social security contributions, mandatory workers' compensation coverage, an employee assistance program (EAP), FICA/Medicare and a CalPERS retirement contribution (2% @ 55 formula). This account supports increased projected hours for two person night shifts for the seasonal staff due to request by the Board for safety reasons.

Total of this account: \$ 451,192

VEHICLES & EQUIPMENT - 4270 thru 4290

The Vehicles and Equipment section is made up of three accounts which include funds for the purchase of vehicles, fuel, parts, inspections and maintenance of vehicles and equipment. Account 4270 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 4280 contains funds for the purchase or replacement of equipment or large tools as may be necessary in the fiscal year, specifically thermographs, digital camera, pressure transducers, and replacement probes for the three Sondes. Account 4290 includes funding all miscellaneous items affiliated with vehicles or equipment. 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:	4270 Vehicles	\$ 13,000
	4280 Fixed Capital	10,000
	4290 Miscellaneous	<u>2,500</u>
		\$ 25,500

CONTRACT LABOR - 4220, 4222

The Contract Labor account contains funds for outside services/labor to support equipment calibration on flow meters and sonde meters, and funds for technical assistance corresponding to the operation, maintenance and performance review of completed fish passage projects. Completed tributary projects at Rancho San Julian, Cross Creek Ranch, Quiota Creek Crossing 6 and Quiota Creek Crossing 2 require annual performance evaluation; licensed fish passage engineers need to conduct the structural evaluation whereas the biological evaluation and report are done by COMB staff.

Totals by Account:	4220 Equip. Calib	\$ 3,000
	4222 Fish Monitoring	<u>13,000</u>
		\$ 16,000

MATERIALS / SUPPLIES - 4390

The Materials and Supplies account covers costs for the purchase of materials needed for the Fisheries Monitoring Program specifically monitoring for migration, spawning and over-summering such as constructing and repairing fish migration traps (pvc, netting, plywood, locks, waders, etc.) and the equipment necessary to conduct snorkel (dry suit, masks, snorkels, hoods, gloves, etc.) and redds surveys (waders, clipboards, etc).

Total of this account: \$ 6,000

OTHER EXPENSES - 4502

The Other Operating Expenses account includes funds to pay for uniforms / gear for the fisheries employees. This account is based on actual charges for the above services and changes in amounts are made only as necessary.

Total of this account: \$ 2,500

TOTAL O & M EXPENSES - Fisheries Division **\$501,192**

GENERAL AND ADMINISTRATIVE – Fisheries Division

Program Description

The General and Administrative accounts reflect costs for support of all fisheries division administrative functions of COMB. The salaries and benefits have been split on a 65% - 35% basis between the Operations Division and the Fisheries Division based on payroll allocations. General and Administrative expenses have been reduced to the lowest level of effective operation for FY 2012-13.

DIRECTORS FEES - 5400

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. This cost is allocated at a 65% Operations and 35% Fisheries allocation.

Total of this account: \$4,200

LEGAL - 5407

This account reflects the costs for General Counsel expenses affiliated with the Fisheries Division program of work.

Total of this account: \$ 30,000

AUDIT - 5441

This account reflects costs for a portion of the annual COMB audit.

Total of this account: \$ 6,300

LIABILITY/PROPERTY INSURANCE – 5443

This account reflects a portion of insurance costs for coverage provided by ACWA/JPIA for all general liability and property i.e., buildings, structures, computers, modular furniture, copiers, postage meters, vehicles and an increase in replacement costs of all properties belonging to COMB.

Total of this account: \$ 8,100

HEALTH AND WORKERS' COMPENSATION - 5401

This account reflects costs for 35% of all administrative staff health premiums (medical, dental, vision & life), and employee assistance program (EAP), deferred compensation and workers' compensation premiums. The cost for health premiums is a set premium amount for each employee and their dependents. The health and life insurance programs were negotiated through ACWA/JPIA and although there have been substantial increases in the past, the premiums have remained competitive throughout the years. This line item includes a projected 10% increase in health premiums which may occur in January 2013.

Total of this account: \$ 41,902

CalPERS - 5402

This account reflects costs for the California Public Employees Retirement System. The costs are based on 35% of salaries for all COMB administrative staff. COMB pays the employer cost (12.007%) and the employee cost (7%) of the retirement plan contributions. Our employer contribution percentage remains relatively low. The calculation of this account is payroll driven.

Total of this account: \$ 28,975

FICA & MEDICARE - 5403

This account reflects 35% of the matching share of social security and medicare taxes for all administrative employees.

Total of this account: \$ 11,662

SALARIES - 5404, 5405, 5408, 5409, 5419

This account reflects 35% of the salaries for the General Manager, Administrative Manager, Administrative Assistant, and the Administrative Secretary. This account increased from the prior fiscal year due to a combination of re-allocating the Water Resources Planner position as well as a change in the allocation percentage.

General Manager	\$ 56,000
Administrative Manager	\$ 34,511
Administrative Assistant	\$ 21,317
Administrative Secretary	\$ 19,807
Water Resources Planner	<u>\$ 20,807</u>
Total for this account:	\$152,443

POSTAGE / OFFICE SUPPLIES EXPENSE - 5410

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

Total of this account: \$ 4,900

OFFICE EQUIPMENT/LEASES/SERVICES - 5411

The Office Equipment / Leases account includes the fisheries division portion of leases and quarterly service agreements for postage machine, copier equipment and any maintenance fees.

Total of this account: \$ 5,110

MISCELLANEOUS ADMINISTRATIVE EXPENSE - 5412

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: \$ 5,810

COMMUNICATIONS - 5413

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

Total of this account: \$ 4,200

UTILITIES - 5414

This account contains funds necessary to provide utilities to the administrative offices affiliated with the fisheries division program of work.

Total of this account: \$ 5,180

MEMBERSHIP DUES - 5415

This account reflects costs for membership dues for the American Fisheries Society as well as a portion of ACWA dues as they pertain to the fisheries division employees. This account also covers subscriptions for professional publications.

Total of this account: \$ 2,900

ADMINISTRATIVE FIXED ASSETS - 5416

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 / SOFTWARE LICENSES - 5418

This account was established to fund needs for all computer and internal network systems support through outside computer consultant services. It also accommodates purchasing and updating software licenses which may include Microsoft Office Professional, WinZip, and Endnotes.

Total of this account: \$ 7,700

EMPLOYEE TRAINING / SUBSCRIPTIONS - 5425

This account was established to provide employees with the ability to obtain professional training, required certifications and for management training purposes specifically for in field and office operations, and safety and regulatory compliance. This account also provides for employee related subscriptions to professional fisheries organizations.

Total of this account: \$ 3,000

ADMINISTRATIVE TRAVEL - 5430

This account provides for actual travel costs for professional conferences, seminars, training, and strategy meetings that are attended by the General Manager and/or staff throughout the fiscal year.

Total of this account: \$ 3,000

PUBLIC INFORMATION - 5431

This account is for miscellaneous costs that may arise out of public records act requests, newsletters, webpage support or other public information requirements.

Total of this account: \$ 3,000

TRANSPORTATION - 5432

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

INTEREST EXPENSE - 5399

This account is for possible interest payment to the Member Units who elect to participate in advancing their budget assessments in order for COMB to complete grant funded projects during the course of the fiscal year.

Total of this account: \$ 1,000

TOTAL GENERAL AND ADMINISTRATIVE EXPENSES
Fisheries Division -

\$ 348,582

SPECIAL PROJECTS – Fisheries Division**BIOLOGICAL OPINION/FMP IMPLEMENTATION - 6201**

This line item provides funding for outside consultant support on activities which include participation in the NFMS Biological Opinion compliance preparation as well as review of technical reports, study plans, participation in coordination and review meetings and conference calls.

BO Compliance Tasks and Support

\$42,000

BO compliance document preparation: review of technical reports and study plans; technical support and participation in the science advisory committee. A fish passage engineer will review, evaluate, and develop technical elements of fisheries related monitoring program. This item includes genetic tissue analysis (fish fin clips) conducted by a NMFS certified geneticist and bio-statistician support. Activities to include background research, concept development, text development and production schematics supportive of program development. This estimate also includes conference calls plus limited preparation and follow-up per call.

AMC and CC Participation and Technical Support

\$5,000

Conference calls preparation and follow-up per call as well as participation in face-to-face meeting of the AMC and CC if necessary. Technical support to COMB in preparing work products for the AMC and the CC as required.

Fisheries Monitoring Program Support

\$45,000

Review of the current fisheries monitoring program, annual monitoring report and technical reports in compliance with the terms and conditions of the BO. Based on these reviews, recommendations for amendments to the monitoring program may be proposed and included in the recommendations presented in the annual monitoring report. Consultants will provide analytical support and technical review of annual report specifically regarding data analysis and protocols; review and comment on technical reports documenting results of the fishery and habitat monitoring; participation in the development, implementation, and documentation of specific fishery and habitat investigations conducted in compliance with the NMFS biological opinion. A fish passage engineer will review, evaluate and develop technical elements of fisheries related monitoring program; data collection review, synthesis and meeting attendance.

Total of this account: \$ 92,000

GIS AND MAPPING - 6202

This account provides funds for the purchase and maintenance of the GIS and GPS system components, software (ESRI, AutoCAD, Field Maplet, MapLogic, PhotoShop), hardware, aerial imagery and GIS/GPS technical support.

Total of this account: \$ 10,000.

GRANTS AND SEMINAR TECHNICAL SUPPORT - 6203

This account will provide funds for assistance in document preparation and evaluation for grant funding opportunities for tributary fish passage projects and seminars organized to review specific fisheries management concerns relation to preservation of steelhead populations.

Total of this account: \$ 10,000.

SYR HYDROLOGY TECHNICAL SUPPORT - 6204

This project includes funding for consultants who provide hydrologic support for analyzing operations in the SYR basin and operations for the Fisheries Program.

Total of this account: \$ 10,000

USGS STREAM GAUGE PROGRAM - 6205

This line item is to fund the required stream discharge and water quality monitoring on the lower Santa Ynez River and its tributaries in compliance with the NMFS Biological Opinion.

Total of this account: \$ 75,000

TRI COUNTY FISH TEAM FUNDING - 6206

This line item is to fund COMB's agreed upon portion of the MOU for financial support of the Tri-County salmonid restoration efforts.

Total of this account: \$ 5,000

OAK TREE RESTORATION PROGRAM - 6207

This line item is to fund the seventh year of oak tree planning efforts at several planting sites bordering the Cachuma Lake and Bradbury Dam. This planting and maintenance program is intended to result in a 2:1 replacement of oak trees lost due to the higher water elevations during surcharge events.

Total of this account: \$ 20,000

LEGISLATIVE AND STEELHEAD FUNDING SUPPORT – 6208

This line item is to fund travel expenses related to COMB’s representatives who annually attend the Washington D.C. ACWA conference for the purpose of lobbying federal government officials to assure continued federal legislation for funding steelhead and salmonid restoration efforts in the Western United States. This federal funding is matched by the State of California and is essential in order for COMB to apply for grant funding through CDFG.

Total of this account: \$ 5,000.

SYR RIVERWARE MODEL DEVELOPMENT - 6210

This line item is to fund outside consultant costs for the SYR Riverware model development as it relates to the fisheries implementation program.

Total of this account: \$ 12,000

HABITAT ENHANCEMENTS

TRIBUTARY PROJECTS SUPPORT CONSULTANT - 6303

This line item is to fund technical assistance provided by a fish passage engineer for tasked anticipated to include refinement of monitoring methods and procedures, hydraulic review of fish passage within a stream network, troubleshooting of general operation and maintenance issues, and review of miscellaneous technical data and reporting.

Total of this account: \$ 3,000

QUIOTA CREEK ENGINEERING DESIGNS - 6304

This line item is to fund the continued design effort on the remaining Quiota Creek crossings that will be used for NMFA and CDFG design approval as well as permitting with regulatory agencies and the County of Santa Barbara. Design engineering will continue toward 100% design level for Crossings 7, 1, 3, 4 and 5 (listed in priority).

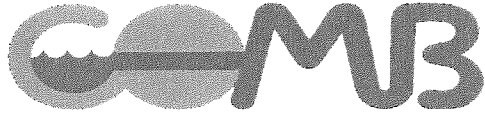
Total of this account: \$ 35,000

QUIOTA CREEK CROSSING #7 - 6308

This line item is to fund the replacement of a damaged low flow crossing with a 60-foot bottomless arched culvert and installation of two rock weirs for grade control and steelhead habitat formation. The majority of this project cost is offset by grant funding. This line item includes a COMB Board approved \$50,000 construction match.

Total of this account: \$ 890,000

SPECIAL PROJECTS / HABITAT ENHANCEMENTS	\$1,167,000
TOTAL 2011-12 Fisheries Division BUDGET:	\$2,016,774
TOTAL COMB GROSS BUDGET 2012-2013	\$7,465,546



CACHUMA OPERATION AND MAINTENANCE BOARD (COMB)

April 23, 2012 BOARD REPORT

PROJECT: Modified Upper Reach Reliability Project (MURRP)

PROJECT DESCRIPTION: Construct approximately 2,000 feet of 48-inch diameter welded steel pipe, install a 48-inch magnetic flowmeter, intertie the new pipeline with the existing pipeline at the Glen Annie Turnout, replace the existing Goleta West meter with a 24-inch magnetic flowmeter and reconstruct the Tecolote Tunnel South Portal Transition Structure.

PROJECT LOCATION: Up a private road north of the north end of Glen Annie Road. Project begins at the South Portal of the Tecolote Tunnel and terminates at the Glen Annie Turnout.

PURPOSE: Increase the operational flexibility, reliability, and capacity of the Conduit, between the South Portal of the Tecolote Tunnel and the Corona Del Mar Water Treatment Plan. The increase in operational flexibility, reliability, and capacity are intended to accommodate peak demand levels and to allow maintenance of the pipeline.

COTRACTOR: Blois Construction, Inc.

DESIGN ENGINEER: Perliter & Ingalsbe

Contract Status

Notice to Proceed:	December 22, 2011
Contract Time (complete all work):	360 calendar days
Completion Date:	December 16, 2012
Elapsed Time	124 days
Remaining Time (complete all work):	270 days
Time Elapsed to Date	34%
Work Completed to Date	47%

SUMMARY OF WORK PERFORMED

As of April 18, 2012, approximately 800 feet of pipe (26 sections) have been laid. Sand for pipe zone bedding and backfill was delivered starting last month and is continuing. Pipe deliveries began March 28th and are continuing. The first section of pipe was laid on March 30th. Blois started pipe installation just northerly of the creek and are now up to the top of the slope and are starting to lay across the plateau to the Tecolote Tunnel Junction Structure. Once they have completed that section they will move back down to the creek and lay up to the Goleta West Turnout. Basic pipeline construction, which is being utilized here, is to excavate trench, place sand bedding, place shoring to protect the workers, compact bedding, lay pipe to line and grade, weld pipe joint inside and out, air test weld, place mortar over exposed steel at joint, place and compact pipe zone backfill (sand), place identification tape and place and compact soil backfill to finish grade. Trenching and laying pipe is about five sections ahead of the backfill operation. Welding of the outside of the pipe takes place soon after the next section of pipe is laid. Welding the inside of the pipe joints takes place after the construction crew has stopped work and will continue until the last joint has been welded. Welding the inside of the pipe while pipe is being laid is not safe for the welder in the pipe. Pipe is mortar lined and coated with bell and spigot joints. Overlap is 4± inches and has a threaded tap in the outside of the bell. An air

compressor hose is attached to the threaded tap and pumped up to 100 psi and held at that pressure for 3 minutes. Pressure testing verifies that both welds are good.

Storm water pollution prevention measures were checked and improved where necessary to prevent soil erosion during the predicted rains. Because of the measures taken the recent rains had minimal impact.

The 48" welded steel pipe was fabricated by West Coast Pipe. Dave Baum (COMB), Dave Mirones, Craig Blois and Richard Macias (Blois Construction) visited West Coast's fabrication facility, reviewed their quality control procedures and verified that most of the pipe had been fabricated and was ready for delivery. Steel cylinders, bells and spigots and mortar lining and coating were all of high quality.

An Edison power pole that interferes with the proposed pipeline alignment has been relocated and the wires and meter drop are scheduled to be switched over April 23rd. Taft will be there to tie the wires from the meters to the Turnout.

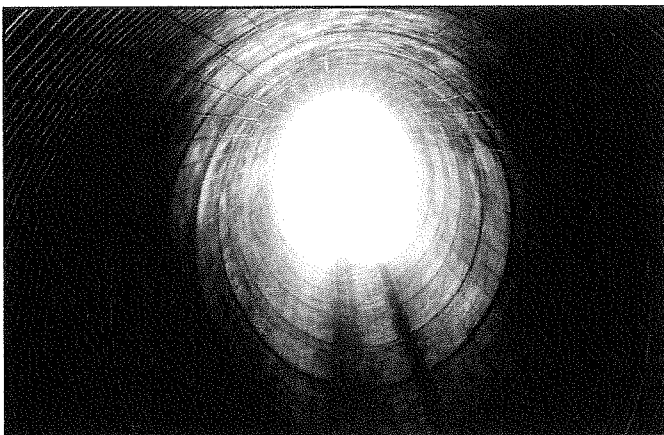
Nick Zaninovich with the Bureau was out to visit the jobsite on Monday, April 16th. Bruce Mowry escorted him and Nick had no concerns.

The Conservation Corp was out April 11 and 12 and worked with COMB Staff to clear trees and brush from the pipeline alignment. Staff continued to clear and chip trees that had been cut down the week of April 16th.

WORK PROJECTED FOR NEXT MONTH

Contractor will be trenching, laying and backfilling pipe from the creek to Goleta West Turnout. Slope is extremely steep (up to 57% grade). This is even steeper than up from the creek to the junction structure (up to 45% grade). Contractor will trench downhill and lay uphill. Work will be challenging, to say the least.

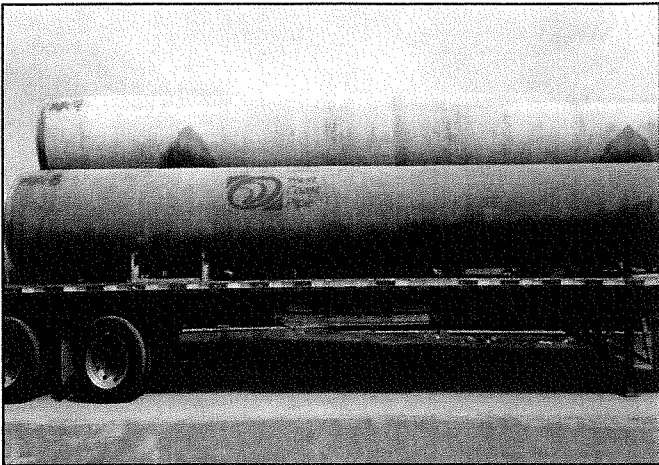
PHOTOGRAPHS



Wire mesh inside pipe prior to placing cement lining at West Coast Pipe



Pipe ready for shipping



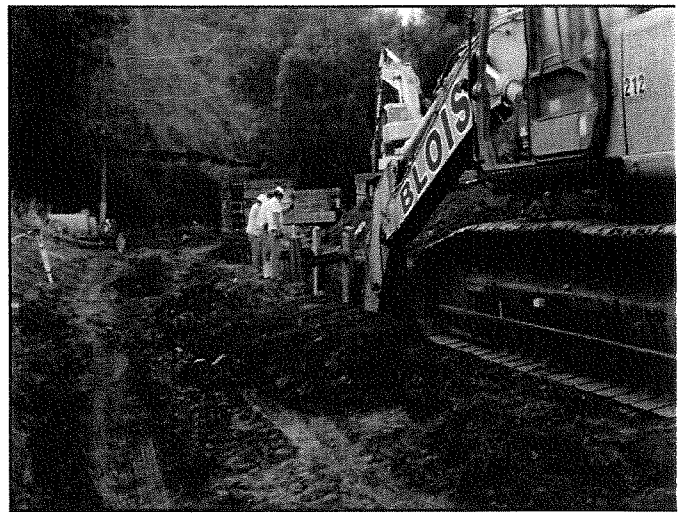
1st load of pipe delivered. 3-30-12



Unloading pipe. Only 2-40' long sections can be carried on a truck



Pipe section being carried to bottom of slope



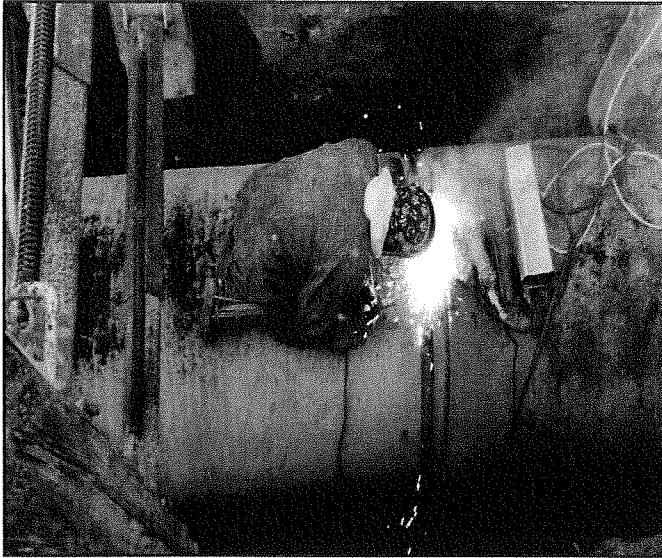
Trenching



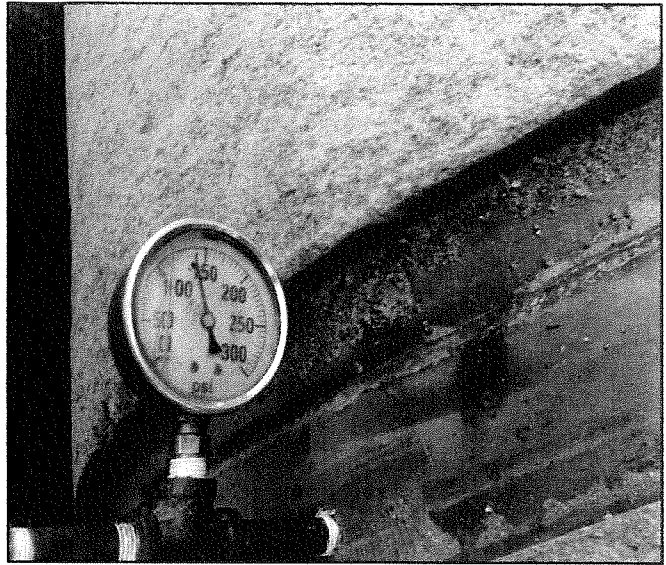
Shoring installed to allow men in the trench to compact sand bedding



Compacting backfill



Welding pipe joint



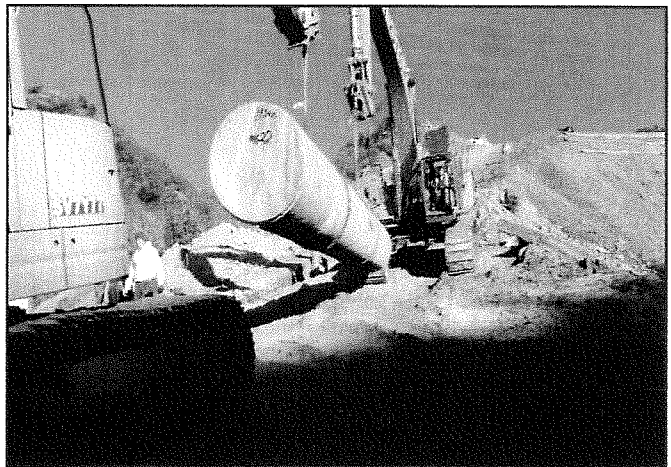
Pressuring testing weld



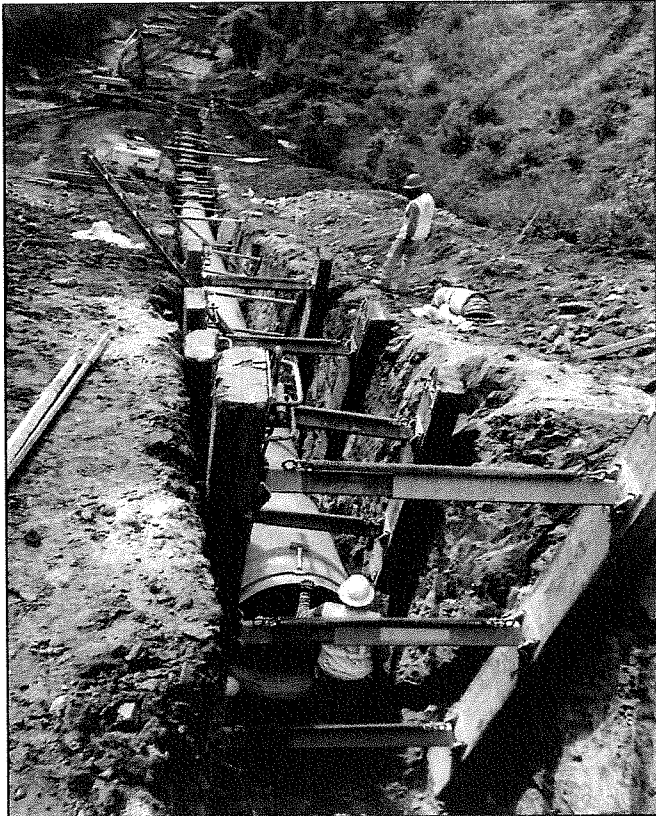
Blower being used to ventilate pipe while welder is inside pipe



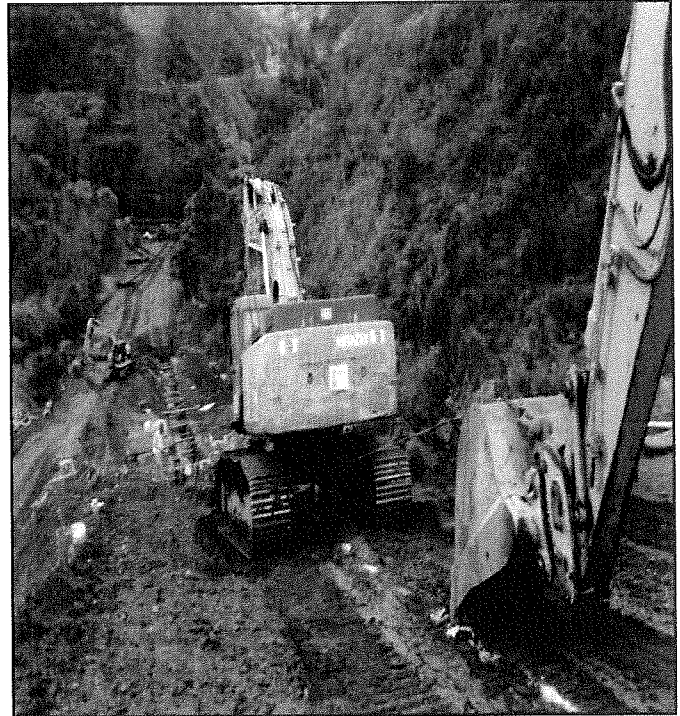
Checking grade



Laying pipe with two excavators on steep slope



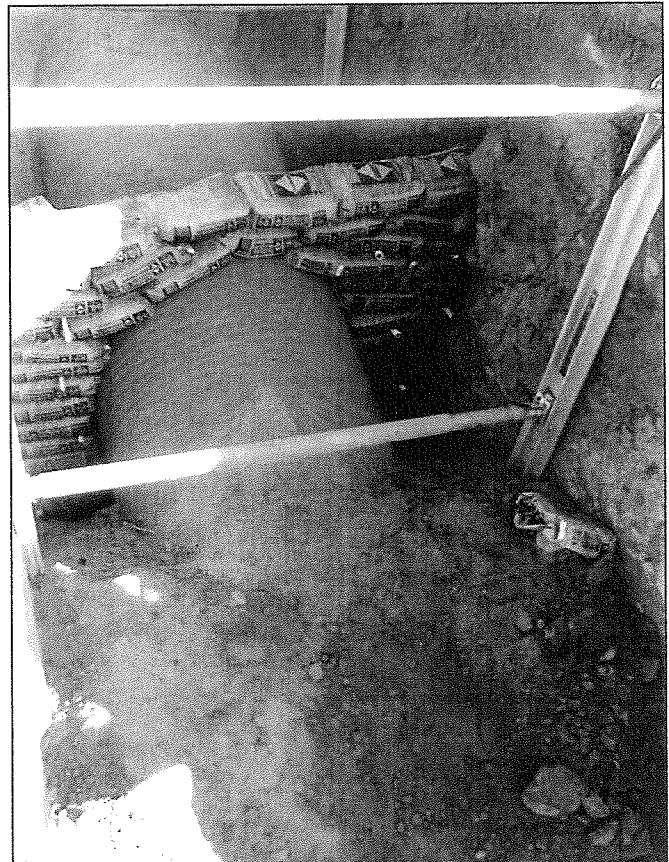
Overview of pipe being laid



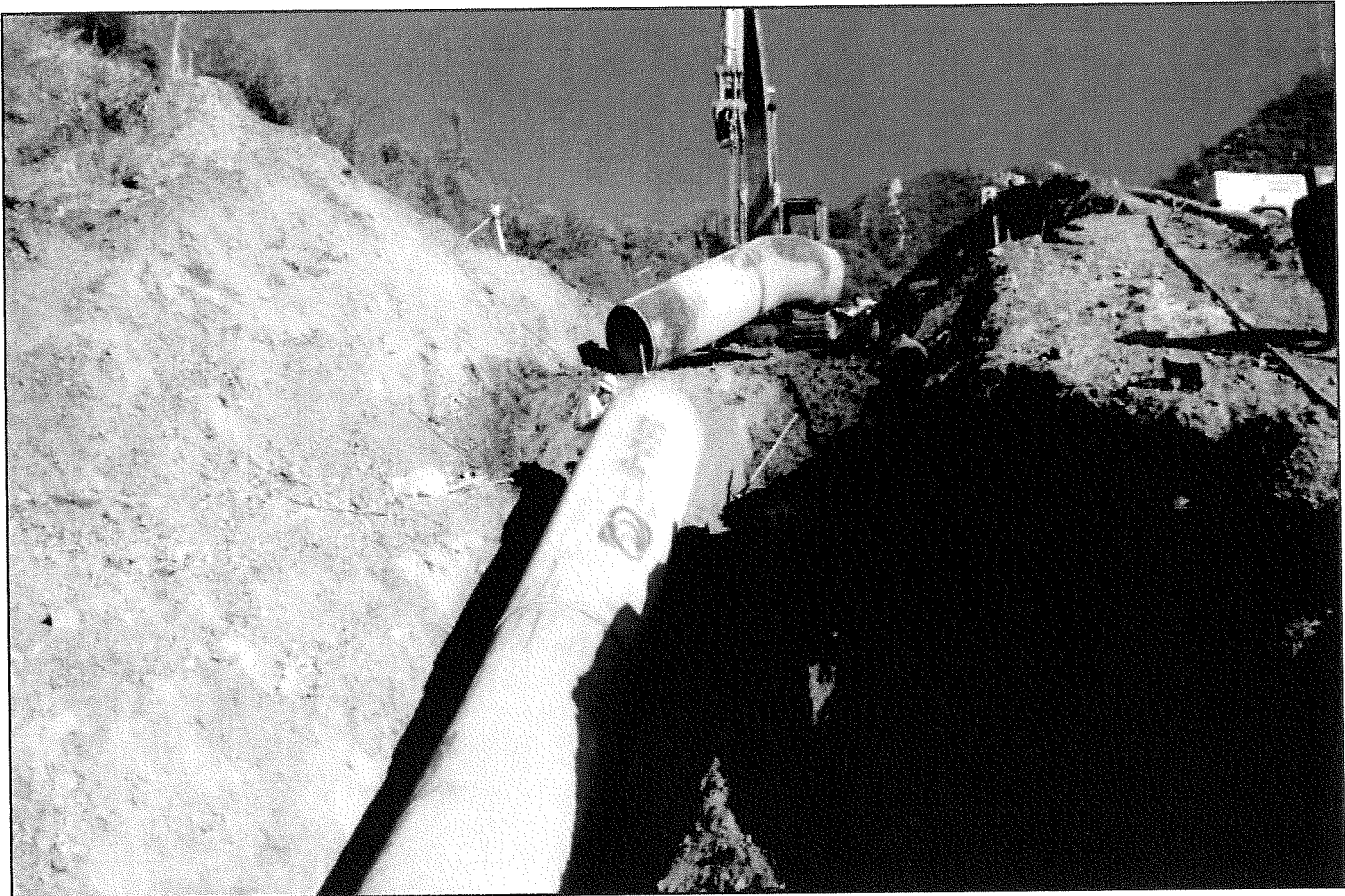
Working on steep slope required a second excavator connected with a chain to the excavator doing the trenching



Placing sand backfill in pipe zone



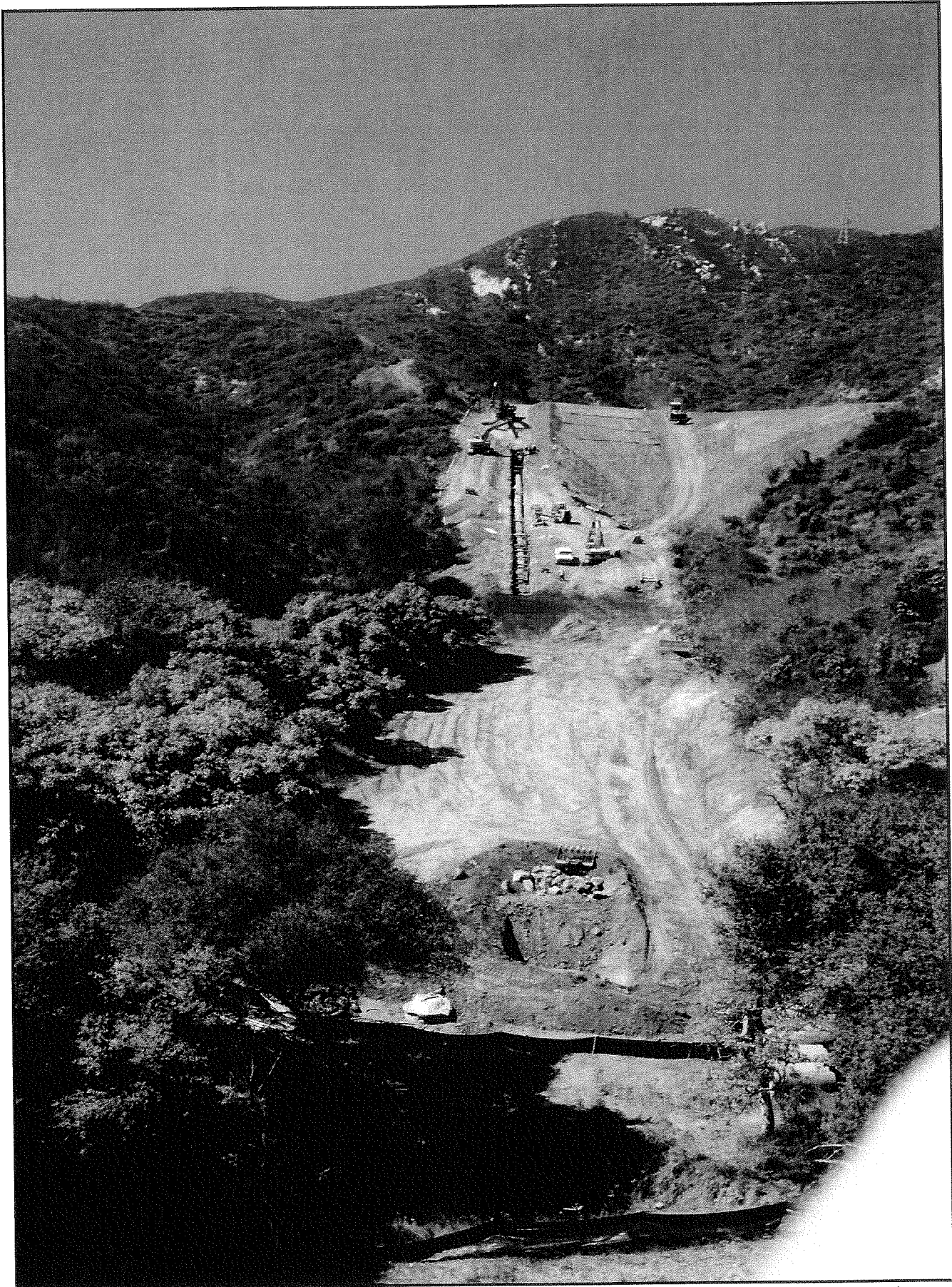
Trench dams on slopes to prevent erosion



Laying pipe at top of slope



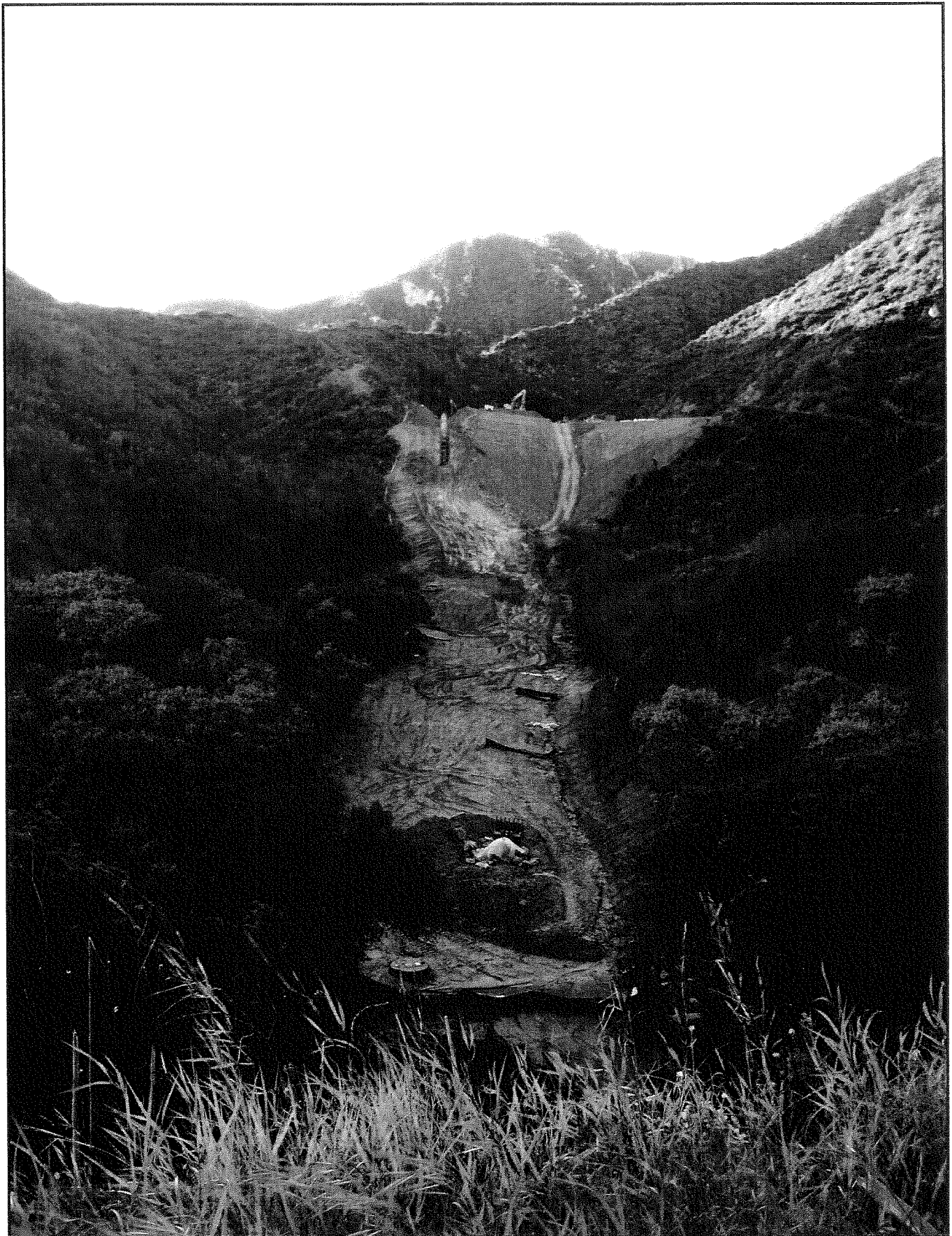
Pipe cresting the slope at the plateau. Note Tee for air release valve



Overview of pipe laid as of 4-10-12. First 618' of pipe laid; 300'± backfilled to finish grade

ITEM # 9

PAGE 7



Overview of pipe laid as of 4-17-12. 861' of pipe laid; 700'± backfilled to finish grade

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	April 23, 2012
Submitted by:	Megan Emami
Approved by:	Bruce Mowry

SUBJECT: April: Conveyance System Operations Program Report

Summary:

To ensure reliability, the Operations Program performs routine maintenance on COMB's Distribution System. The Operations program continually works to improve the system as well as making sure any deficiencies are addressed, through communication and organization with outside agencies.

Lake Cachuma Operations:

The average flow from Lake Cachuma into the Tecolote Tunnel for March was 72.6 acre-feet per day. The lake elevation was 743.70 at the beginning of the month and 743.27 at the end. The storage change was -1,304 acre-feet. During the month, 50 acre-feet of State Water Project water was delivered to the South Coast Member Units.

Activities conducted this period include:

The Bureau of Reclamation sent their annual Dam inspection Report; staff responded to the requests, and will add the larger projects to the CIP.

Structure maintenance per COMB's maintenance program took place on the South Reach.

Lateral 30 4" Washline blew out at Carpinteria Reservoir Emergency Repairs were performed

Fixed rodent holes located at Carpinteria Reservoir

Repaired door at Ortega Control Building

Culvert Clearing after the rains at all reservoirs

Annual Exercise of Ortega Reservoir Valves

Sheffield Tunnel right of way was cleared to gain access on the east end

ITEM # 10
PAGE 1

Activities that occurred in the North Reach were:

California Conservation Corps. Worked two days clearing our right of way along with staff at Glen Anne

Monitoring at the MURRP

Iraj worked on AutoCAD drawings for the grant application sent in for Mission Creek

Hooked up waterline to MURRP construction trailer

Staff has coordinated with Liz Gaspar concerning fish screens and inspecting for Quagga Mussels, a form has been created by staff to record Quagga mussel inspections conducted each month during the fish screen cleaning.

Staff Activities:

Iraj completed a Renewable and Sustainable Energy Technology Workshop

Routine Monthly Operation and Maintenance activities conducted during this period included:

Water samples taken at the North Portal Intake Tower

Fish screens pulled and cleaned

Read Anodes and recorded data

Monitored conduit right-of-way and responded to dig Alert Reports

Monthly Dam inspections

Read Piezometer and underdrains at Glen Anne, Lauro, Ortega, and Carpinteria Dams

Place rodent bait all traps all facilities

Meter reads, monthly dam inspections, and send report to USBR

Weekly safety meetings

Water mitigation oak trees

Carpinteria/Ortega/Lauro weed abatement/spraying

April Maintenance

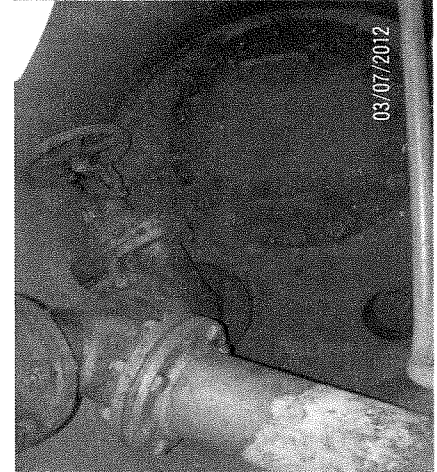
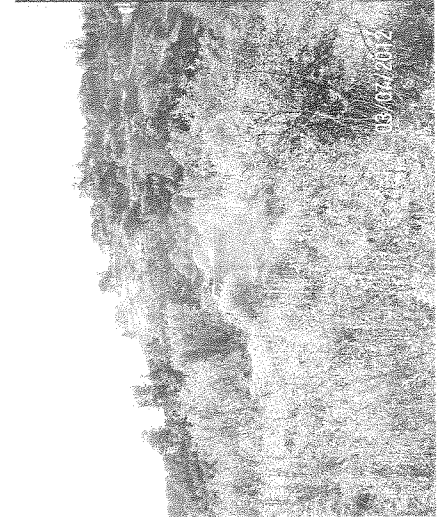
Oak Tree Monitoring



Right of Way Clearing



Maintenance Management Program



CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: April 23, 2012
TO: Board of Directors
FROM: Tim Robinson, Sr. Resource Scientist
Bruce Mowry, General Manager
RE: March 2012 FISHERIES PROGRAM REPORT

In compliance with the 2000 Cachuma Project Biological Opinion (BO) and as described in the 2004 Lower Santa Ynez River Fish Management Plan (FMP) and the Monitoring Program in the 2000 Revised Biological Assessment (BA), the Cachuma Project Biology Staff (CPBS) conducts routine monitoring of steelhead/rainbow trout and their habitat on the Lower Santa Ynez River (LSYR) below Bradbury Dam. The following is a list of activities carried out by CPBS during the month of March 2012 that has been broken out by categories.

Migrant Trapping:

Upstream and downstream migrant traps at Salsipuedes Creek, Hilton Creek and the LSYR mainstem were installed on March 1, 2012. The monitoring program was modified to best stay within the take limits as established in the 2000 BO. An unprecedented number of downstream migrants (73) were captured in the Hilton Creek during one trap check on 3/17/12 after a small storm. That number of captures exceeded our juvenile take limit (110) by 45 fish. The adult take limit was not exceeded with 30 captures and a limit of 150. After concurrence with Reclamation, the traps at all three trapping locations were removed and the trapping program ended for the year. NMFS was advised immediately by Reclamation and the attached incident report was submitted by Reclamation to NMFS. The results of the monitoring effort will be published in the 2012 Annual Monitoring Report.

Redd Surveys:

Redd surveys are conducted once a month from January through May. The third round of redd surveys for the year were conducted this month within the LSYR mainstem in the Highway 154, Refugio, and Alisal reaches where access was permitted and certain sections of Hilton, Quiota, and Salsipuedes/El Jaro creeks. The number of redds observed were as follows: 4 in Hilton Creek, 5 in Quiota Creek, 12 in Salsipuedes Creek and 16 in El Jaro Creek. No redds were observed in the LSYR mainstem.

Tributary Project Updates:

Quiota Creek Crossing 7: Staff is awaiting a road speed variance from the County at which point the 100% designs from the project engineer (HDR) will be submitted to NMFS and the County for their approval. Permits are in place for this project. A CDFG grant has been secured for half of the construction cost and staff submitted two other grants for the second half of the funding. The California Wildlife Conservation Board (WCB) grant agreement is currently being reviewed by our legal counsel before it is signed. That signed contract will then go to the WCB Board in May for final approval. If successful, this project will be constructed in the fall of 2012.

Quiota Creek Crossing 1: Staff is awaiting 95% drawings from the project engineer (HDR) that will be submitted to NMFS and the County for their review. With these drawings in hand,

ITEM # 11
PAGE 1

staff will apply for all of the necessary permits as currently we have only applied for a County Encroachment Permit. We were not successful at receiving the NOAA American Rivers grant for \$150,000 but will be applying for that amount of money from WCB. A CDFG Restoration grant was submitted for the rest. If successful in securing grant funding, this project will be constructed in the fall, 2013.

Salsipuedes Creek – Jalama Road Fish Ladder: Staff has requested a meeting with CDFG and NMFS fish passage engineers to get clarity on how best to precede with the requested design modifications. Once we have consensus, we will finalize and submit those designs to NMFS and CDFG for their review and once approved staff will discuss with CDFG funding options for this weir fix project.

Highway 192 and Mission Creek: Staff submitted a CDFG Restoration grant in March for the fish passage part of this project using the needed repairs/relocation of the South Coast Conduit in that area of the creek as a match. If successful in securing grant funding, this project will come to the COMB Board next fiscal year for consideration and possible construction in the fall of 2013.

Surcharge Water Accounting:

The following is a table (Table 1) of the amount of Surcharge water used to date from each of the three accounts. All numbers come from Reclamation’s Daily Operations Report. The start time for the use of the Surcharge Water Accounts was 5/27/11, or the last day of full surcharge. As of this month, all of the Fish Rearing account waters have been used up and we are now using Project Yield to meet target flows.

Table 1: Summary of the surcharge water accounting and use of Project Yield.

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage	3,200	0	3,200
Adaptive Management	500	0	500
Fish Rearing***	5,242	5,242	0
Project Yield		243	
Total:	8,942	5,485	3,700

* Originally was 9,200 and as of 2008 it is 8,942

** Values as of 3/31/12

*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.

Reporting:

Staff worked with CCRB and ID #1 regarding materials needed for the State Water Board hearing at the end of March. Staff also continues to work on the WY2010 and WY2011 Annual Monitoring Reports (AMR). The WY2010 AMR has gone out to the Science Review Team; with comments back it will then go to the Manager Review Team, Legal Review Team, and COMB Board Fisheries Committee for their review in that order.

Outreach and Training:

Staff has been working with landowners in the Quiota and Salsipuedes Creek watersheds regarding future fish passage projects and cattle exclusion fencing at certain project sites to help with site revegetation and restoration. The Senior Resources Scientist gave a talk entitled “Eco-system based steelhead and aquatic species management, Santa Ynez River” at the American Fisheries Association California-Nevada annual conference at the end of March; a copy of the talk

is available upon request. Staff would like to give a brief summary to the COMB Board of this talk and the one given in April at the Salmonid Restoration Federation conference at a future Board meeting. Also, staff attended the Tri-County FISH Team meeting on 3/6/12; future meetings have been tentatively scheduled for 4/24/12, 7/25/12 and 12/6/12.

Consultant Activity Summary (March):

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

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

Stetson Engineers (Ali Shahroody) – Santa Ynez River hydrological analyses.

Cardno ENTRIX (Jean Baldrige) – BO compliance tasks and support.



United States Department of the Interior



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

IN REPLY REFER TO:

SCC-423
ENV-7.00 (Cachuma)

APR 13 2012

Mr. Darren Brumback
National Marine Fisheries Service
501 West Ocean Boulevard, Suite 4200
Long Beach, CA 90802

Subject: Cachuma Project 2012 Fish Monitoring Trap Captures

Dear Mr. Brumback:

The purpose of this letter is to notify the National Marine Fisheries Service of the non-mortality take that occurred during the 2012 monitoring activities carried out under the 2000 Cachuma Biological Opinion (BO) Terms and Conditions.

On January 13, 2012, prior to initiating the 2012 monitoring, the staff from the Bureau of Reclamation (Reclamation), National Marine Fisheries Service (NMFS), and the Cachuma Operations and Maintenance Board (COMB) and its fisheries consultants (Cardno-Entrix), conferenced to develop a strategy for the 2012 monitoring of *Oncorhynchus mykiss*. The conference objective was to develop a monitoring strategy to ensure the take limits set forth in the BO would not be exceeded. Although the strategy as defined in the plan entitled, "*Water Year 2012 (Oncorhynchus mykiss) Fish Monitoring Plan Conducted Under the 2000 Cachuma BO Terms and Conditions Modified to Avoid Exceeding Incidental Take Statement Limitations due to Trapping*," was implemented, an exceedance of take occurred and the 2012 trapping season was halted.

Despite our collective best efforts and margins of safety, the number of juvenile *O. mykiss* captured exceeded the limitation set forth in the BO. The attached Incidence Report, provided by Tim Robinson of COMB, provides details. This documentation is submitted in support of Reclamation's ongoing effort to meet reporting requirements under the BO. Although this situation would not be expected to reoccur, Reclamation will be contacting NMFS to discuss further potential measures that could be incorporated into next year's 2013 monitoring plan.

ITEM # 11
PAGE 4

If Reclamation can be of additional assistance concerning this incident, please contact Dr. Ned Gruenhagen at 559-487-5227, ngruenhagen@usbr.gov, or at 800-735-2929 for the hearing impaired.

Sincerely,



David E. Hyatt
Supervisory Biologist

Enclosure

cc: Mr. Bruce Mowry
Cachuma Operation and Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

Mr. Tim Robinson
Cachuma Operations and Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105

Ms. Mary Larson
California Department of Fish and Game
4665 Lampson, Suite C
Los Alamitos, CA 90720

Ms. Kate Rees
Cachuma Conservation Release Board
629 State Street, Suite 244
Santa Barbara, CA 93101-7074
(w/enclosure to each)

Cachuma Project Biology Staff, Cachuma Operation and Maintenance Board

To: Darren Brumback, National Marine Fisheries Service

Date: April 3, 2012

From: Timothy H. Robinson and Scott B. Engblom

Re: **Incident Report**, exceeding steelhead/rainbow trout take limits for the 2012 Trapping Season

The Fisheries Division of Cachuma Operation and Maintenance Board (COMB), specifically the Cachuma Project Biology Staff (CPBS), conduct all of the required monitoring of steelhead/rainbow trout (*Oncorhynchus mykiss*, *O. mykiss*) on the Lower Santa Ynez River (LSYR) on behalf of the U.S. Bureau of Reclamation (Reclamation) as stipulated in the National Marine Fisheries Service (NMFS) 2000 Cachuma Project Biological Opinion (BO) and the 2000 Revised Biological Assessment. The BO was issued by NMFS to Reclamation for the operation of the Cachuma Project. The Incidental Take Statement within the BO allows for take of 110 juveniles and 150 adult *O. mykiss* for the migration trapping program. On 3/18/12, the juvenile take limit was exceeded by 45 fish. The adult take limit was not exceeded. All fish were in good condition; none were harmed and there were no fish mortalities during the trapping season. The following Incident Report provides details of the incident.

Background: On 12/7/11, Reclamation provided to NMFS background information regarding the number of captures associated with the trapping program since issuance of the BO, and various options for modifying the 2012 Trapping Program to stay within established take limits. The information was subsequently discussed in a conference call with NMFS, Reclamation, and CPBS to determine a trapping plan that would obtain the maximum amount of valuable data while remaining under the take limits. The revised plan was then submitted by Reclamation to NMFS on 2/2/12 and the trapping program followed that plan.

CPBS operates three migrant traps on the LSYR: Hilton Creek Trap, LSYR Mainstem Trap, and Salsipuedes Creek Trap. These traps are checked four times a day, i.e., every 4-6 hours with a morning shift (5:00 AM to 1:00 PM) and a night shift (5:00 PM to 1:00 AM), with each shift consisting of two rounds of trap checks. Monitoring is conducted by the three long-term CPBS members and seasonal hires that are carefully trained prior to working independently.

Incident: As of 4:00 PM on Friday 3/16/12, the total seasonal take for juveniles was 55, and 25 for adults, which were well below established take limits. This created little concern for the March 17-18 weekend, considering the low daily catch rate since trapping began at the beginning of February (Figures 1 and 2). A storm came in over the March 17-18 weekend, with the majority of rainfall occurring between 3:00 AM and noon on Saturday, 3/17/12. A few scattered showers occurred Saturday afternoon through Sunday, 3/18/12. This was the first rainfall event over 0.5 inches since 1/21/12 (0.96 inches). Total rainfall was 1.55 inches on 3/17/12 and 0.73 inches on 3/18/12 at Bradbury Dam. The amount of precipitation was enough to generate an increase in stream discharge from long standing baseflow conditions specifically recorded at the USGS stream flow gauges near trapping locations. The increases went from 4.8 cfs to 8.7 cfs at Hilton Creek, 13 cfs to 25 cfs at Alisal Bridge downstream of the LSYR Mainstem trap, and 2 cfs to 20 cfs at Salsipuedes Creek, respectively.

The following two figures demonstrate the number of juveniles and adults captured over the trapping season.

Figure 1: Cumulative juvenile capture (take) from the beginning of the trapping season on 2/1/12 to 3/18/12, when all traps were pulled and no longer in operation. The take limit for juveniles (110) is shown in red.

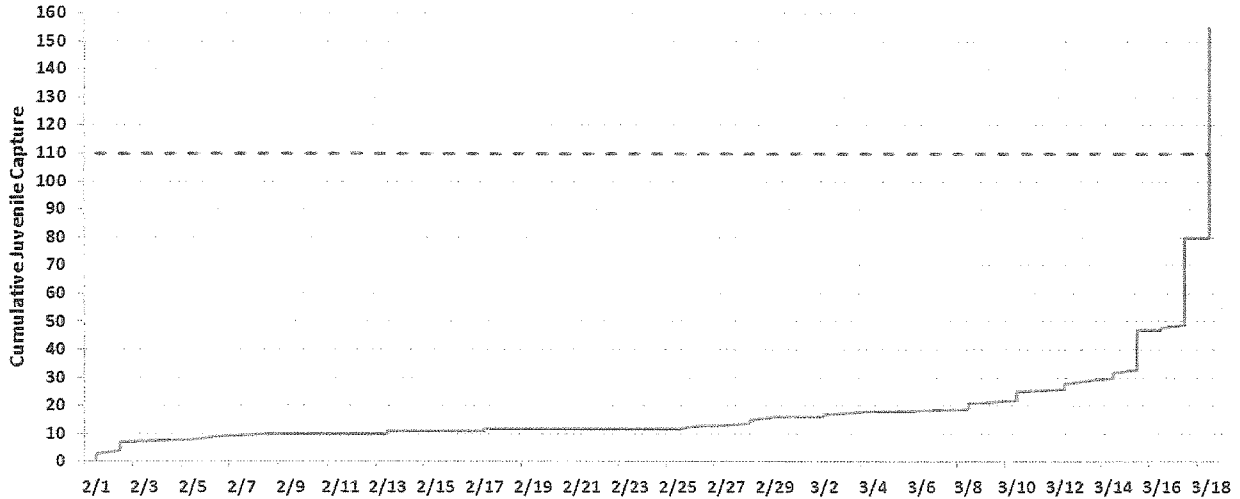
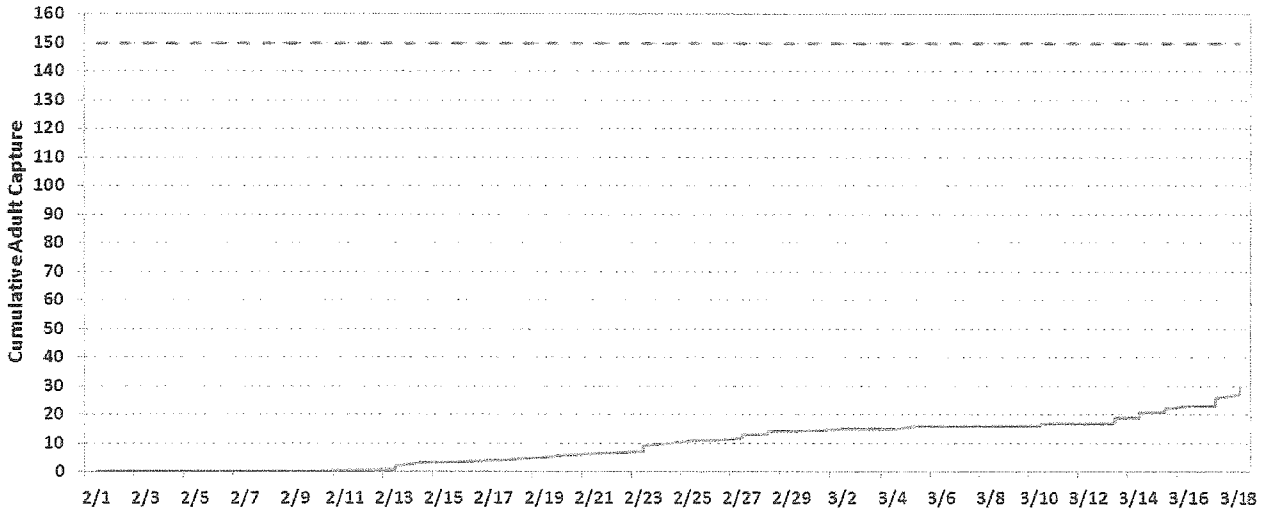


Figure 2: Cumulative adult capture (take) from the beginning of the trapping season on 2/1/12 to 3/18/12, when all traps were pulled and no longer in operation. The take limit for adults (150) is shown in red.



During the second and final trap check of the night shift at the Hilton Creek trap on 3/17/12, 73 fish (71 juveniles and 2 adults) were captured in the downstream trap between 11:00 PM on 3/17/12 and 1:05 AM on 3/18/12. No fish were caught in the Hilton Creek upstream trap or at the other two trapping locations during this shift. This was an unprecedented and completely unexpected number of fish captured in one check. The following tables provide historical figures since commencement of the monitoring program: Table 1, three times the previous maximum annual amount recorded, over the course of consecutive PM and AM shifts; Table 2, an order of magnitude higher than the previous

annual maximum amount recorded, or over a 24-hour day; Table 3, over double the previous maximum amount recorded; and Table 4, captures since the beginning of the current trapping season.

The two seasonal CPBS employees on duty the evening of Saturday, 3/17/12 followed protocol on handling fish and recording the required data. However, the employees late that evening (approximately 1:00 AM) did not verbally inform their supervisor regarding the unusual number of captures. The seasonal on the Sunday, 3/18/12 morning shift left the office without checking the total number of captures from the previous night. He then called his supervisor in the middle of the afternoon to report the additional capture of 30 fish, mostly downstream migrants and all at the two tributary trap sites. Upon careful review of the trapping log that same afternoon, it was apparent that juvenile take had been exceeded by 45 fish. The program continued to be well below the adult take limit (Table 4). Tributary downstream traps were thereafter opened to allow free passage, but upstream traps remained in place to capture adult migrants moving on the receding limb of the storm hydrograph. No tributary upstream or LSYR Mainstem trap migrants were captured during the Sunday night (3/18/12) shift or during the Monday morning shift (3/19/12).

Table 1: The date, shift (AM or PM), check (first or second), and location (Hilton Creek, LSYR Mainstem or Salsipuedes Creek traps) with the maximum combined number of juvenile and adult captures during a single trap check from 2001 through 2012 at one location.

Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Date	3/28	4/16	2/28	2/27	4/11	5/16	4/21	1/7	2/17	4/1	3/4	3/17
AM/PM-1st/2nd*	PM-2	PM-1	AM-1	PM-1	PM-2	PM-2	AM-1	PM-2	PM-2	P-2	PM-2	PM-2
Location (H, S, M)	S	H	S	S	S	H	H	H	H	M	S	H
Total Captures	7	10	5	5	4	16	20	17	17	9	8	73

*Am or PM shift, 1st or 2nd check

Table 2: The date and shifts (PM and AM) with the maximum combined number of juvenile and adult captures from the previous evening and early morning trap check from 2001 through 2012 at all three trapping locations.

Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Date - PM shift	3/28	4/16	2/27	2/27	4/11	5/16	4/21	1/8	2/18	4/1	3/5	3/17
Date -AM shift	3/29	4/17	2/28	2/28	4/12	5/17	4/22	1/9	2/19	4/2	3/6	3/18
Total Captures	13	10	9	10	5	19	31	21	63	20	22	103

Table 3: The maximum combined number of juvenile and adult captures over a 24-hour period from 2001 through 2012 at all three trapping location.

Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Date	4/1	4/16	2/27	2/27	4/11	5/16	4/21	1/8	2/18	4/1	3/5	3/17
Captures	16	10	10	13	9	34	31	33	45	17	21	79

Table 4: Total juvenile and adult captures from the beginning (2/1/12) to the end (3/19/12) of the trapping season at all three trapping location.

Date Range	Hilton Creek		Salsipuedes Creek		LSYR Mainstem		GRAND TOTAL:	
	Juvenile	Adult	Juvenile	Adult	Juvenile	Adult	Juvenile	Adult
2/1/12 - 3/19/12	147	27	8	3	0	0	155	30

Early Monday morning (3/19/12), CPBS informed Reclamation of the event. Reclamation thereafter contacted NMFS. All traps were removed by 11:00 AM on Monday, 3/19/12, to avoid any further juvenile take, and the trapping program ended for the year. No fish were harmed during this period or throughout the trapping season; no mortalities were associated with the trapping effort during the year.

Despite the unprecedented and unexpected number of fish involved, this event does support our belief that the increase in the number of fish captured is functionally related to an increase in production of juvenile *O. mykiss* attributable to the efforts of COMB's Member Units and Reclamation to improve and expand available steelhead habitat within the LSYR and its tributaries.

CACHUMA OPERATION AND MAINTENANCE BOARD
METERED USE REPORT FOR MARCH 2012

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter		234.65	18+62	G. WEST #1	0.00
Less 2% system losses		(4.69)	18+62	G. WEST #2	21.13
			78+00	Corona Del Mar FILTER Plant	892.30
			122+20	STOW RANCH	0.01
				Bishop Ranch (Wynmark)	0.00
				SWP CREDIT	0.00
				Morehart Land (SWP)	0.00
				Raytheon (SWP)	0.00
				La Cumbre (SWP)	0.00
			TOTAL		913.44
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	46.17
			386+65	MWD YARD	77.20
			487+07	VALLEY CLUB	0.00
			499+65	E. VALLEY-ROMERO PUMP	108.25
			599+27	TORO CANYON	3.99
			510+95	ORTEGA CONTROL	0.00
			510+95	MWD PUMP (SWD)	0.00
			526+43	ASEGRA RD	0.08
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.24
				SWP CREDIT	0.00
				SWP CREDIT - CVWD	0.00
			TOTAL		235.94
			CITY OF SANTA BARBARA		
			CATER	INFLOW	1,408.35
			"	SO. FLOW	(581.81)
			Gibraltar	PENSTOCK	(48.57)
			Sheffield	SHEF.LIFT	91.01
				STANWOOD MTR TO SCC-credit	0.00
				SWP CREDIT	0.00
				La Cumbre Mutual (SWP) transfer	(50.00)
			TOTAL		818.98
			S. Y. RIVER WTR CON DIST., ID#1		
			COUNTY PARK, ETC		
			TOTAL		2.12
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WTR DELIVERED TO LAKE		50.00
			STATE WATER TO SOUTH COAST (including fro		50.00
			BISHOP RANCH DIVERSION		0.00
			METERED DIVERSION		2,200.43
STATE WTR CRD					0.00
TOTAL		229.96			
Note:					
COMB meter reads were taken on 2/29/2012					

11-12 ENTITLEMENT

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF MARCH 2012 AND THE WATER YEAR TO DATE**

(All in rounded Acre Feet)

			MONTH TOTAL	YTD TOTAL		
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)			2,251	12,334		
Tecolote Tunnel Infiltration			113	902		
Glen Anne Reservoir			0	0		
Cachuma Lake (County Park)			2	22		
State Water Diversion Credit			50	157		
Gibraltar Diversion Credit			0	0		
Bishop Ranch Diversion			0	100		
Meter Reads			2,200	12,512		
So. Coast Storage gain/(loss)			59	(18)		
Total Production			2,366	13,258		
Total Deliveries			2,309	12,751		
Unaccounted-for			57	507		
% Unaccounted-for			2.40%	3.82%		
	GWD	SB CITY	MWD	CVWD	SYRWCD	TOTAL
WATER USE:					I.D. #1	
M&I	741	819	205	120	2	1,887
Agricultural	173		31	110		313
TOTAL FOR MONTH	914	819	236	230	2	2,200
Same Mo/prev. yr	667	665	106	57	4	1,499
M&I Yr to date	4,122	4,788	1,122	739	22	10,793
Ag. Yr to date	899	0	158	647	0	1,703
TOTAL YTD	5,020	4,788	1,280	1,386	22	12,496
USAGE % YTD	42.4%	34.6%	31.7%	29.4%	0.9%	33.8%
Previous Year/YTD	4,281	4,102	577	875	30	9,865
Evaporation	0	10	2	4	0	16
Evaporation, YTD	20	85	19	30	0	154
Entitlement	9,322	8,277	2,651	2,813	2,651	25,714
Carryover	2,530	5,788	1,419	1,988	38	11,763
Carryover Balances Spilled YTD	0	0	0	0	0	0
Surplus^^	0	0	0	0	0	0
State Water Exchange^	42	29	29	20	(120)	0
Transfers*/Adjustment***	0	0	0	0	0	0
Passthrough H2O**	0	0	0	0	0	0
TOTAL AVAILABLE	11,894	14,094	4,099	4,821	2,569	37,477
REMAINING BALANCE	6,853	9,221	2,800	3,405	2,547	24,826

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

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

GWD 0 AF (Morehart 0 AF); City of S.B. 0 AF; and LaCumbre 50 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 15 AF; MWD received 10;

City of SB received 10 AF; and CVWD received 7 AF from ID#1 in MARCH 2012.

ITEM # 12a

PAGE 2

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: March 2012

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	349.00 Feet
Water in Storage	101.64 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	546.80 Feet
Water in Storage	545.79 Acre Feet

ORTEGA RESERVOIR

out of service

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

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	378.50 Feet
Water in Storage	31.45 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	577.24 Acre Feet
	58.76 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	743.27 Feet
Water in Storage	167,403 AF
Area	2,770
Evaporation	772.1 AF
Inflow	1,186 AF
Downstream Release WR8918	0 AF
Fish Release	356.2 AF
Spill/Seismic Release	0 AF
State Project Water	50 AF
Change in Storage	-1,305 AF
Tecolote Diversion	2,250.9 AF

Rainfall: Month: 3.63 Season: 9.28 Percent of Normal: 50%

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

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: **Carpinteria Valley Water District**
Last updated by C.O.M.B. 3/31/12

Month	Approved Schedule		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT		
	Current Year	2813		1988	M & I	Agr	Total	Evap	Div	Total	M & I	Agr
Oct				125	105	230	11	230	241	131	110	0
Nov				115	87	202	5	202	207	118	89	0
Dec				140	108	248	3	248	251	142	109	0
Jan				146	145	291	3	291	294	148	147	0
Feb				93	92	185	4	185	189	95	94	0
Mar				120	110	230	4	230	234	122	112	0
Apr												
May												
Jun												
Jul												
Aug												
Sep												
Total		2813	1988	739	647	1,386						

CONVERSIONS

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

SCHEDULE AND REVISIONS

Month	SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
	Total	M&I	AG	Total
Begin Bal	1,988	1,061	928	2,813
ID#1 Ex+5	0			5
ID#1 Ex+8	0			8
	0			0
	0			0
	0			0
ID#1 Ex+7	0		7	7
Apr	0			0
May	0			0
Jun	0			0
Jul	0			0
Aug	0			0
Sep	0			0

REMAINING BALANCES

Month	REMAINING BALANCES		REMAINING BALANCES	
	Total	M&I	AG	Total
Oct	1747	930	818	2818
Nov	1540	812	729	2826
Dec	1288	670	620	2826
Jan	994	522	473	2826
Feb	805	427	379	2826
Mar	571	305	267	2833
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total	1747	930	818	2818

TOTAL 3,404

ITEM # 12a
PAGE 4

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #175R-1862

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: **Goleta Water District**
 Last updated by C.O.M.B. 3/31/12

Month	Approved Schedule Current Year	Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT			
			M & I	Agr	Total	Evap	Div	Total	M & I	Agr	Total	
Oct	9322	2530	813	198	1,011	14	1,011	1,025	825	201	0	0
Nov			622	136	758	4	758	782	626	137	0	0
Dec			631	82	712	2	712	714	632	82	0	0
Jan			703	186	889	0	28	28	22	6	681	180
Feb			612	124	736	0	0	0	0	0	612	124
Mar			741	173	914	0	0	0	0	0	741	173
Apr						0	0	0	0	0		
May												
Jun												
Jul												
Aug												
Sep												
Total	9322	2530	4,122	899	5,020							

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULES AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	AG	M & I	AG
Oct	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0
Dec	279	-279	0	0	0	0	0	0
Jan	22	-22	0	0	0	0	0	0
Feb	-1	1	0	0	0	0	0	0
Mar	1	-1	0	0	0	0	15	15
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Total					2,530	1,804	726	2,460

Month	REMAINING BALANCES	
	M & I	AG
Oct	979	525
Nov	353	388
Dec	28	27
Jan	0	-1
Feb	0	0
Mar	-1	-1
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Total	1505	979

Month	REMAINING BALANCES	
	M & I	AG
Oct	6872	2460
Nov	6889	2460
Dec	6889	2460
Jan	6208	2280
Feb	5596	2156
Mar	4870	1983
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	6853	9322

TOTAL 6,853

ITEM# 12a
 PAGE 5

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: **Montecito Water District**
Last updated by C.O.M.B. 3/31/12

Month	Approved Schedule Current Year		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT		
	M & I	Agr		Total	Evap	Acres-feet		Allocation		M & I	Agr	Total	
						Div	Total	M & I	Agr				
Oct	251	11	262	8	262	270	259	11	0	0	0		
Nov	113	11	124	3	124	127	116	11	0	0	0		
Dec	149	31	180	2	180	182	151	31	0	0	0		
Jan	186	36	222	2	222	224	188	36	0	0	0		
Feb	218	38	256	2	256	258	220	38	0	0	0		
Mar	205	31	236	2	236	238	207	31	0	0	0		
Apr				0									
May													
Jun													
Jul													
Aug													
Sep													
Total	1,122	158	1,280										

2651 1419

STORAGE WATER	M & I	Agr	CONVERSIONS CURRENT SCHEDULE	M & I	Month
0	0	0	0	0	Oct
0	0	0	0	0	Nov
-21	21	36	0	0	Dec
-36	36	38	0	0	Jan
-38	38	31	0	0	Feb
-31	31		0	0	Mar
					Apr
					May
					Jun
					Jul
					Aug
					Sep

	SCHEDULE AND REVISIONS		Agr	Total
	M & I	Agr		
Begin Bal	1,419	1,387	32	2,806
ID#1 Ex+7	0	0	7	7
ID#1 Ex+12	0	0	12	12
ID#1 Ex+10	0	0	10	10
	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	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
Total	1,419	1,387	32	2,806

	REMAINING BALANCES		Agr	Total
	M & I	Agr		
Begin Bal	1149	1128	21	2277
ID#1 Ex+7	1022	1012	10	2034
ID#1 Ex+12	840	840	0	1680
ID#1 Ex+10	616	616	0	1232
	357	358	0	715
	119	120	0	239
Total	1149	1128	21	2277

ITEM # 12a
PAGE 6

TOTAL 2,799

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

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: **City of Santa Barbara**
 Last updated by C.O.M.B. 3/31/12

Month	Approved Schedule Current Year		Carryover Previous Year	WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT		
	8277	5788		Evap	Div	Allocation	M & I	Agr	M & I	Agr
Oct	0	0	853	33	853	886	0	0	0	0
Nov	0	0	786	14	786	800	0	0	0	0
Dec	0	0	576	9	576	585	0	0	0	0
Jan	0	0	909	9	909	918	0	0	0	0
Feb	0	0	845	10	845	855	0	0	0	0
Mar	0	0	819	10	819	829	0	0	0	0
Apr	0	0								
May	0	0								
Jun	0	0								
Jul	0	0								
Aug	0	0								
Sep	0	0								
Total	8277	5788	4,788	0	4,788	0	4,788	0	0	0

Month	STORAGE WATER		CONVERSIONS CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	0	0	8,277	7
Nov	0	0	0	0	7	12
Dec	0	0	0	0	12	0
Jan	0	0	0	0	0	0
Feb	0	0	0	0	0	0
Mar	0	0	0	0	10	0
Apr	0	0	0	0	0	0
May	0	0	0	0	0	0
Jun	0	0	0	0	0	0
Jul	0	0	0	0	0	0
Aug	0	0	0	0	0	0
Sep	0	0	0	0	0	0
Total	0	0	5,788	5,788	8,277	8,277

Month	REMAINING BALANCES	
	M & I	Agr
Oct	4902	4902
Nov	4101	4102
Dec	3517	3517
Jan	2599	2599
Feb	1743	1744
Mar	915	915
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Total	4902	4902

ITEM # 12a
 PAGE 7

TOTAL 9,221

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

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: Santa Ynez River Water Conservation District, ID#1
 Last updated by C.O.M.B. 3/31/12

Month	Approved Schedule		Previous Year	TOTAL WATER USED			WATER USE CHARGED TO CARRYOVER BALANCES			WATER USE CHARGED TO CURRENT ENTITLEMENT		
	Current Year	Storage Credit		M & I	Agr	Total	Evap	Div	Total	M & I	Agr	Total
Oct	2651		38	7	0	7	0	7	7	0	0	
Nov				4	0	4	0	4	4	0	0	
Dec				3	0	3	0	3	3	0	0	
Jan				4	0	4	0	4	4	0	0	
Feb				2	0	2	0	2	2	0	0	
Mar				2	0	2	0	2	2	0	0	
Apr												
May												
Jun												
Jul												
Aug												
Sep												
Total	2651		38	22	0	22						

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE			SCHEDULE AND REVISIONS			
	M & I	Agr	M & I	Agr	Total	M & I	Agr	Total	M & I	Agr	Total
Oct	0	0	0	0	38	28	10	2,651	865	1,786	2,651
Nov	0	0	0	0	0	0	0	(29)	(49)	(29)	(29)
Dec	0	0	0	0	0	0	0	(49)			(49)
Jan	0	0	0	0	0	0	0	0			0
Feb	0	0	0	0	0	0	0	0			0
Mar	0	0	0	0	0	0	0	(19)	(19)	(23)	(42)
Apr	0	0	0	0	0	0	0	0			0
May	0	0	0	0	0	0	0	0			0
Jun	0	0	0	0	0	0	0	0			0
Jul	0	0	0	0	0	0	0	0			0
Aug	0	0	0	0	0	0	0	0			0
Sep	0	0	0	0	0	0	0	0			0

Month	COUNTY PARKS		REMAINING BALANCES	
	A.F. Used	Total	M & I	Agr
Oct	7.34	31	21	10
Nov	3.84	27	17	10
Dec	3.14	23	14	10
Jan	3.58	20	10	10
Feb	1.72	18	8	10
Mar	2.12	16	6	10
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total				

*NOTE:

ITEM # 12a
 PAGE 8

TOTAL 2,547

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

Contract Entity: **Santa Barbara Co. Water Agency**
 Last updated by **C.O.M.B. 3/31/12**
 Contract Year: **10/1/11 to: 9/30/12**

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 %	M & I Acre-feet	Agri Acre-feet	Total	Evap	Div Acre-feet	Total	Allocation M & I	Agri Acre-feet	Total		
Oct	25714	11763	6.48%	2,049	314	2,363	67	2,363	2,430	2,108	322	0	0	0
Nov			5.07%	1,640	234	1,874	27	1,874	1,901	1,664	237	0	0	0
Dec			4.63%	1,499	220	1,719	16	1,719	1,735	1,513	222	0	0	0
Jan			6.22%	1,948	367	2,315	15	1,454	1,469	1,280	189	681	180	861
Feb			5.44%	1,770	254	2,024	16	1,288	1,304	1,172	132	612	124	736
Mar			5.92%	1,887	314	2,201	16	1,287	1,303	1,160	143	741	173	914
Apr				0	0	0								
May				0	0	0								
Jun				0	0	0								
Jul				0	0	0								
Aug				0	0	0								
Sep				0	0	0								
Total	25714	11763		10,793	1,703	12,496								

Month	STORAGE WATER		CURRENT SCHEDULE		CONVERSIONS		SCHEDULE AND REVISIONS	
	M & I	Agri	M & I	Agri	M & I	Agri	M & I	Agri
Oct	0	0	0	0	0	0	19,403	6,311
Nov	0	0	0	0	0	0	29	(29)
Dec	258	-258	0	0	0	0	0	0
Jan	-14	14	0	0	0	0	0	0
Feb	-39	39	0	0	0	0	0	0
Mar	-30	30	0	0	0	0	23	(23)
Apr			0	0	0	0	0	0
May			0	0	0	0	0	0
Jun			0	0	0	0	0	0
Jul			0	0	0	0	0	0
Aug			0	0	0	0	0	0
Sep			0	0	0	0	0	0
Total			11,783	10,068	1,636	19,403	6,311	25,714

Month	COUNTY PARKS A.F. Used		REMAINING BALANCES	
	M & I	Agri	M & I	Agri
Oct	7.34	1374	9333	7960
Nov	3.84	1137	7432	6296
Dec	3.14	657	5697	5041
Jan	3.58	482	4228	3747
Feb	1.72	389	2924	2536
Mar	2.12	276	1621	1346
Apr	0.00			
May	0.00			
Jun	0.00			
Jul	0.00			
Aug	0.00			
Sep	0.00			
Total			9333	7960

ITEM # 12a
 PAGE 9

TOTAL 24,824

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

MONTH	DELVRD TO LAKE	Delvd CVWD		Delvd MWD		Delvd Evap/Spill		Delvd S.B.		Delvd GWD		Delvd LCMWC		Delvd RSYS		Delvd MLC	
		to Lake	to SC	to Lake	to MW	to Lake	to SC	to Lake	to SC	to Lake	to SC	to Lake	to SC	to Lake	to SC	to Lake	to SC
2011																	
Bal. Fwvd		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	509	0	0	382	277	0	105	0	0	0	0	127	0	0	0	0	0
February	227	0	0	118	5	0	113	0	0	0	0	109	0	0	0	0	0
March	0	0	0	0	0	282	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	94	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
August	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	30	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	-15	0	0	0	0	0
November	38	0	0	0	0	0	0	0	0	0	0	38	-2	0	0	0	0
December	35	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0
Total	1013	0	0	500	0	0	218	0	0	0	0	469	0	521	44	0	44

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

MONTH	DELVRD TO LAKE	Delvd CVWD		Delvd MWD		Delvd Evap/Spill		Delvd S.B.		Delvd GWD		Delvd LCMWC		Delvd RSYS		Delvd MLC	
		to Lake	to SC	to Lake	to MW	to Lake	to SC	to Lake	to SC	to Lake	to SC	to Lake	to SC	to Lake	to SC	to Lake	to SC
2012																	
Bal. Fwvd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	20	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0
February	15	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0
March	50	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	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
August	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
October	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
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	85	0	0	0	0	0	0	0	0	0	0	85	0	85	0	0	0

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

APRIL 2012

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: April 18, 2012

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	CCWA INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.				EVAP AF.	PRECIP INCH	PRECIP INCHES	
		IN LAKE	CHANGE				TUNNEL	HILTON CREEK	OUTLET	SPILLWAY				
	743.27	167,403												
1	743.25	167,347	-56	-52.0	0.0	57.7	36.5	11.5	.0	.0	13.7	.074	.25	
2	743.25	167,347	+0	101.1	0.0	.0	54.3	11.5	.0	.0	35.3	.191	.00	
3	743.22	167,264	-83	16.8	0.0	.0	52.5	11.5	.0	.0	35.8	.194	.00	
4	743.19	167,180	-84	20.5	0.0	.0	60.2	11.5	.0	.0	32.8	.178	.00	
5	743.17	167,125	-55	64.1	0.0	.0	66.6	11.5	.0	.0	41.0	.222	.00	
6	743.13	167,014	-111	11.5	0.0	.0	66.6	11.5	.0	.0	44.4	.241	.00	
7	743.11	166,958	-56	46.3	0.0	.0	57.4	11.5	.0	.0	33.4	.181	.00	
8	743.07	166,847	-111	-11.1	0.0	.0	51.0	11.5	.0	.0	37.4	.203	.00	
9	743.05	166,792	-55	53.5	0.0	.0	59.0	11.5	.0	.0	38.0	.206	.00	
10	743.03	166,736	-56	59.5	12.5	.0	66.0	11.5	.0	.0	50.5	.274	.00	
11	743.11	166,958	+222	11.9	12.4	297.3	52.2	11.5	.0	.0	35.9	.195	1.29	
12	743.13	167,014	+56	76.1	0.1	32.3	32.5	11.5	.0	.0	8.5	.046	.14	
13	743.20	167,208	+194	107.8	0.0	140.7	30.1	11.5	.0	.0	12.9	.070	.61	
14	743.33	167,569	+361	292.6	0.0	110.9	23.6	11.5	.0	.0	7.4	.040	.48	
15	743.37	167,680	+111	176.6	0.0	.0	26.4	11.5	.0	.0	27.7	.150	.00	
16	743.40	167,763	+83	151.4	0.0	.0	26.8	11.5	.0	.0	30.1	.163	.00	
17	743.42	167,819	+56	135.9	0.0	.0	31.3	11.6	.0	.0	37.0	.200	.00	
18	743.42	167,819	+0	79.2	0.0	.0	29.8	11.5	.0	.0	37.9	.205	.00	
TOTAL (AF)			+416	1,341.7	25.0	638.9	822.8	207.1	.0	.0	559.7	3.033	2.77	
(AVG)		167,247												

COMMENTS:

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

DATA BASED ON 24-HOUR PERIOD ENDING 0800.

INDICATED OUTLETS RELEASE INCLUDE ANY LEAKAGE AROUND GATES.

Below is the March 2012 Cachuma Lake vessel inspection and quagga survey report summary. The complete inspection and monitoring survey data files, embedded with the summary, are attached.

Please forward this report to anyone who may be interested.

No mussels were detected in Cachuma Lake, and no mussels or aquatic nuisance species have been detected on any vessel entering Cachuma Lake as of March 31, 2012.

**Santa Barbara County Community Services Department
Cachuma Lake Recreation Area**

**Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: MARCH 2012**

Cachuma Lake Recreation Area Boat Launch Data -- March 2012		
Inspection Data		
Total Vessels entering Park	639	
Total Vessels launched	634	
Total Vessels Quarantined	5	1%
Returning with Boat Launch Tag	491	77%
Arriving new: Inspected, washed	99	16%
Kayak/Canoe: Inspected	44	7%
4-stroke engines	231	36%
2-strokes, w/CARB star ratings	175	28%
2-strokes, NO emissions ratings	184	29%

Quarantine Data		
Total Vessels Quarantined	5	
Quarantined 7 days	1	
Quarantined 14 days	4	

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

Demographic Data		
Quarantined from infected county	2	
Quarantined from SB County	1	

Boat Launch Tags: Boats with Cachuma Lake Boat Launch Tags attached to boat and trailer. These boats have not been removed from trailer since last visit to lake and are not subject to inspection or decontamination.

No mussel species have been located on any vessel entering Cachuma Lake as of March 31, 2012.

CACHUMA LAKE QUAGGA SURVEY:

Summary: No Dreissenid mussels were detected

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

Inspection Date and Time : 2012.03.15; 1330– 1630 PDT

Method: 14 PVC/Cement/Plastic Mesh Sampling Stations; 394 linear feet of line

Surveyors: Liz Gaspar, Chuck Scott (CSD), Carrie Culver, Heather Lahr (Sea Grant).

Lake Elevation: 743.17 from maximum of 753 feet

**Prepared by Liz Gaspar, based on inspections & data collected by
Cachuma Lake Staff, Park Hosts, and Sea Grant staff**

ITEM # 12c
PAGE 2