

REVISED
REGULAR MEETING
OF
CACHUMA OPERATION AND MAINTENANCE BOARD

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Monday, March 26, 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 February 27, 2012 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
4. **CACHUMA PROJECT TRUST FUND/RENEWAL FUND MEETING AND COUNTY'S PUBLIC MEETING ON CACHUMA PROJECT \$100,000 BETTERMENT FUND, MARCH 23, 2012**
Action: Recommend approval by motion and vote of the Board
 - a. Recommended Uses of Trust Fund/Renewal Fund for FY 2012-2013
 - b. Recommended Uses of County Water Agency's Cachuma Project \$100,000 Betterment Fund for FY 2012-2013
5. **AUTHORIZE COMB GENERAL MANAGER TO SIGN CALIFORNIA WILDLIFE CONSERVATION BOARD GRANT CONTRACT FOR QUIOTA CREEK CROSSING 7**
Action: Recommend approval by motion and vote of the Board
6. **REPORT ON MODIFIED SCC UPPER REACH RELIABILITY PROJECT**

7. **REPORT FROM GENERAL COUNSEL**
 - a. Quiota Creek MOU With the County of Santa Barbara
8. **OPERATIONS DIVISION ACTIVITIES**
 - a. Operations Report
9. **FISHERIES DIVISION ACTIVITIES**
 - a. Lower Santa Ynez River Fisheries Report
10. **REPORTS FROM THE MANAGER**
 - a. Cachuma Water Reports
 - b. Cachuma Reservoir Current Conditions
 - c. Lake Cachuma Quagga Survey
 - d. **Verbal** – Update on FY 2012-2013 Budget
 - e. **Verbal** - Update on Strategic Plan
 - f. **Verbal** – Update on Emergency Repair Contracts
11. **DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING**
12. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**
 - a. **SIGNIFICANT EXPOSURE TO LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9 (b): Two cases**
13. **MEETING SCHEDULE**
 - April 23, 2012 at 2:00 P.M., COMB Office
 - Board Packages Available on COMB Website
www.cachuma-board.org
14. **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, February 27, 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
John McInnes	Charles Hamilton
Theresa Lancy	Ruth Snodgrass
Chris Dahlstrom	Kate Rees
Sonia Fernandez	Phil Walker
Karen Carroll	Tim Robinson

2. Public Comment

Phil Walker made comments on things falling through the crack in relation to Ortega Reservoir.

3. Consent Agenda

a. Minutes:

January 23, 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 passed 7/0/0.

4. Appointment of Representative to Cachuma Project Trust Fund and Renewal Fund Committee and the Betterment Fund

General Manager Bruce Mowry reported that in the past Kate Rees had been appointed as the Member Units representative to the Trust Fund/Renewal Fund Committee. Ms. Rees retired as COMB's General Manager on June 30, 2011 leaving that position on the Committee vacant. The recommendation for the Board's consideration is to approve the appointment of General Manager, Bruce Mowry as the Cachuma Member Units representative to the Cachuma Project Trust Fund and Renewal Fund Committee and Betterment Fund use of funds discussion. Mr. Mowry reported that the Trust Fund/Renewal Fund meeting had been scheduled for March 23, 2012 making it necessary to approve this appointment at today's Board meeting. The Fund Committees decision on project funding would be presented to the Board at the March 26, 2012 Board meeting.

Director Morgan moved to approve the appointment of General Manager, Bruce Mowry as the Cachuma Member Units representative to the Trust Fund/Renewal Fund Committee and the Betterment Fund use of funds discussion, seconded by Director Beebe.

The motion passed by a roll call vote:

Ayes: Francisco, Lieberknecht, Hanson, Morgan, Beebe

Nays: None

Abstained/Absent: None

5. Report on Modified SCC Upper Reach Reliability Project

Included in the board packet was a project update prepared by Dave Baum, Engineer. General Manager Bruce Mowry reported that the construction on the project will probably be stopped for the next 30 days until the pipe has been delivered. The trenching would take place once the pipe is on site. Mr. Mowry invited any of the Directors to schedule a site visit with him at any time or possibly schedule a special meeting for all Directors to attend together.

The Public Outreach Committee had determined that a series of articles should be developed and submitted to the media.

Phil Walker commented on this item.

6. Report From General Counsel

a. Review of Quiota Creek MOU's with the County of Santa Barbara

Tony Trembley reported that a draft of a Master Agreement between COMB and the County of Santa Barbara had been sent to the County for review. The MOU should be ready for Board approval at the March Board meeting. The Master Agreement would need to be approved once by the COMB Board and the County Board of Supervisors, and then each completed Quiota Creek project would have an addendum attached to the Master Agreement.

b. Update on Status of Revised Joint Defense and Cooperation Agreement

Tony Trembley reported that there was nothing new to report, no agreement had been reached on the JDCA.

7. Report From Board Committees

a. Administrative Committee Meeting, February 10, 2012

Director Hanson reported that the Administrative Committee had discussed the preliminary budget process and its relation to the work plan. Janet Gingras reported at the meeting that the budget preparation process is on schedule.

8. Draft List of Priority Projects for Present and Future Implementation

President Hanson reported that the topic list of projects included in the board packet indicates the kind of brainstorming that is going into the strategic plan. Staff will continue to work on the project list and provide the Board with updated reports.

9. Operations Division Activities

a. Operations Report

The monthly report on operations was included in the board packet.

10. Fisheries Division Activities

a. Lower Santa Ynez Fisheries Report

The monthly report on the fisheries activities was included in the board packet. Tim Robinson reported that the annual Trapping Program began February 1, 2012 and protocols have been established to assure compliance with the 2000 Biological Opinion Incidental Take Statement. He also reported that one half of the grant funding for Quiota Creek Crossing #7 has been secured and two grants have been submitted for the second half. If successful with the pending grants, the project would be constructed in the fall of 2012.

11. 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 February 22, 2012 was included in the board packet.

c. Lake Cachuma Quagga Survey

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

d. Update on Work Plan

Included in the board packet was an update on the progress of the strategic plan and work plan being developed by COMB staff.

e. Draft MOU for Integrated Regional Water Management Activities

The draft MOU to participate in the State-wide Proposition 84 process and related Integrated Regional Water Management activities in Santa Barbara County was included in the board packet. The MOU will come back to the COMB Board at a future date for approval.

f. Report on Water Management Workshop USBR Denver, February 13-16, 2012

General Manager, Bruce Mowry reported on the USBR workshop he had attended in Denver, Colorado, February 13-16, 2012.

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

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

Case # One: Claim of Melinda and Zach Fournier vs. Cachuma Operation and Maintenance Board [claim available for public inspection per Government Code Section 54957.5]

Case # Two: To Be Announced

Tony Trembley announced that the Board would adjourn into closed session under agenda Item 12.a., Significant Exposure to Litigation pursuant to Government Code Section 54956.9 (b) case one only: Case number two will not be discussed.

The Board went into closed session at 3:21 p.m. and came out of closed session at 3:25 p.m.

Tony Trembley reported that action taken in closed session concerning the first case in Item 12.a., is made in accordance with Government Code Section 54957.1 (a)(3):

On a vote of 6/0/1, Director Beebe abstained, the Governing Board approved a Settlement Agreement and Release between COMB, and Melinda L. Fournier and Zach Fournier, concerning a dispute between the parties arising out of the cessation of Purchase Order No. 11-12-03 (Purchase Order-Agreement) for the Oak Tree and Honeysuckle Restoration Plan for the Lauro Retention Basin Enlargement Project.

Pursuant to the Agreement, COMB will pay the sum of \$15,000 to the Fourniers via their attorneys, and release the Fourniers from all future liability related to the Lauro Project. All claims between the parties arising from the dispute are settled.

13. Directors' Request for Agenda Items for Next Meeting

There were no requests for the Agenda for the next meeting.

14. Meeting Schedule

- The next regular Board meeting will be held March 26, 2012 at 2:00 P.M.
- The Agendas and Board Packets are available on the COMB website, www.cachuma-board.org

15. COMB Adjournment

There being no further business, the meeting was adjourned at 3:27 p.m.

Respectfully submitted,

Bruce Mowry, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

Approved _____

Unapproved _____ ✓

COMB
Statement of Net Assets
As of February 29, 2012

ASSETS

Current Assets

Checking/Savings

TRUST FUNDS

1210 · WARREN ACT TRUST FUND 54,413.97

1220 · RENEWAL FUND 10,127.34

Total TRUST FUNDS 64,541.31

1050 · GENERAL FUND 589,449.14

1100 · REVOLVING FUND 188,002.63

Total Checking/Savings 841,993.08

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 748,675.36

1400 · PREPAID INSURANCE 12,860.72

1401 · W/C INSURANCE DEPOSIT 6,529.00

Total Other Current Assets 850,812.07

Total Current Assets 1,692,805.15

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 8,477,118.94

3/21/2012

Accrual Basis

COMB
Statement of Net Assets
As of February 29, 2012

LIABILITIES & NET ASSETS

Liabilities

Current Liabilities

Accounts Payable

2200 · ACCOUNTS PAYABLE 850,518.66

Total Accounts Payable 850,518.66

Other Current Liabilities

Payroll-DepPrm Admin 32.31

Payroll-DepPrm FD 4.62

Payroll-DepPrm Ops 24.24

2550 · VACATION/SICK 51,242.30

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 64,541.31

Total Other Current Liabilities 281,271.29

Total Current Liabilities 1,131,789.95

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 7,871,129.02

NET ASSETS

3901 · Retained Net Assets 140,805.42

Net Income 465,184.50

Total Net Assets 605,989.92

TOTAL LIABILITIES & NET ASSETS 8,477,118.94

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

	Fisheries			Operations			TOTAL		
	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget
Income									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	755,988.67	852,475.00	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	76,884.00	100.0%	0.00	0.00		76,884.00	76,884.00	100.0%
3007 - Renewal Fund	191,210.00	191,210.00	100.0%	0.00	0.00		191,210.00	191,210.00	100.0%
3010 - Interest Income	0.00	0.00		368.96	368.96		368.96	368.96	100.0%
3020 - Misc Income	8,940.00	8,940.00		3,824.48	3,824.48		3,824.48	3,824.48	100.0%
3021 - Grant Income	502,959.54	735,501.00	68.4%	0.00	0.00		8,940.00	8,940.00	100.0%
3022 - QC Crossing #2 Grant Income	0.00	0.00		856,596.09	1,200,000.00	71.4%	502,959.54	735,501.00	68.4%
3023 - Prop 50 Grant Income	0.00	0.00		0.00	0.00		856,596.09	1,200,000.00	71.4%
3035 - Cachuma Project Betterment Fund	0.00	0.00		0.00	0.00		0.00	90,000.00	0.0%
Total 3000 REVENUE	1,535,982.21	1,946,070.00	78.9%	2,832,853.03	3,475,848.00	81.5%	4,368,835.24	5,421,918.00	80.6%
Total Income	1,535,982.21	1,946,070.00	78.9%	2,832,853.03	3,475,848.00	81.5%	4,368,835.24	5,421,918.00	80.6%
Gross Profit	1,535,982.21	1,946,070.00	78.9%	2,832,853.03	3,475,848.00	81.5%	4,368,835.24	5,421,918.00	80.6%
Expense									
PAYROLL									
Gross	0.00	0.00		0.07	0.00		0.07	0.00	100.0%
Gross-FD	-0.07	-0.07		0.00	0.00		-0.07	0.00	100.0%
Total PAYROLL	-0.07	-0.07		0.07	0.00		0.00	0.00	0.0%
3100 - LABOR - OPERATIONS									
3101-B - Bereavement Leave	0.00	0.00		376.51	0.00		376.51	0.00	100.0%
3101-E - Engineer	0.00	0.00		0.00	-6,884.37	0.0%	0.00	-6,884.37	0.0%
3101-E1 - QC 2 RE Labor	0.00	0.00		50,157.73	6,884.37		50,157.73	6,884.37	100.0%
3101-E - Engineer - Other	0.00	0.00		0.00	-6,884.37		0.00	-6,884.37	-728.6%
Total 3101-E - Engineer	0.00	0.00		50,157.73	-6,884.37		50,157.73	-6,884.37	-728.6%
3101-H - Holiday Leave	0.00	0.00		10,277.23	0.00		10,277.23	0.00	100.0%
3101-J - Jury Duty	0.00	0.00		120.64	0.00		120.64	0.00	100.0%
3101-S - Sick Leave	0.00	0.00		6,802.39	0.00		6,802.39	0.00	100.0%
3101-V - Vacation Leave	0.00	0.00		14,958.77	0.00		14,958.77	0.00	100.0%
3102 - Meter Reading	0.00	0.00		1,534.68	0.00		1,534.68	0.00	100.0%
3103 - SCC Ops	0.00	0.00		106,183.08	0.00		106,183.08	0.00	100.0%
3104 - Veh & Equip Mtce	0.00	0.00		1,207.52	0.00		1,207.52	0.00	100.0%
3105 - SCADA	0.00	0.00		1,614.13	0.00		1,614.13	0.00	100.0%
3106 - Rodent Bait	0.00	0.00		3,491.72	0.00		3,491.72	0.00	100.0%
3107 - NORTH PORTAL									
3107-1 - NP INTAKE TOWER									
3107-1a - Maintenance	0.00	0.00		369.54	0.00		369.54	0.00	100.0%
3107-1b - Cleaning	0.00	0.00		557.04	0.00		557.04	0.00	100.0%
3107-1f - Operations	0.00	0.00		722.68	0.00		722.68	0.00	100.0%
Total 3107-1 - NP INTAKE TOWER	0.00	0.00		1,649.26	0.00		1,649.26	0.00	100.0%
3107-2 - NP CONTROL STATION									
3107-2a - Maintenance	0.00	0.00		138.79	0.00		138.79	0.00	100.0%
3107-2d - Weed Management	0.00	0.00		380.37	0.00		380.37	0.00	100.0%
3107-2f - Operations	0.00	0.00		279.42	0.00		279.42	0.00	100.0%
3107-2h - Inspection	0.00	0.00		125.70	0.00		125.70	0.00	100.0%
Total 3107-2 - NP CONTROL STATION	0.00	0.00		924.28	0.00		924.28	0.00	100.0%
3107-3 - NP TECOLOTE TUNNEL									
3107-3f - Operations	0.00	0.00		55.64	0.00		55.64	0.00	100.0%
3107-3h - Inspection	0.00	0.00		125.70	0.00		125.70	0.00	100.0%
Total 3107-3 - NP TECOLOTE TUNNEL	0.00	0.00		181.34	0.00		181.34	0.00	100.0%
Total 3107 - NORTH PORTAL	0.00	0.00		2,754.88	0.00		2,754.88	0.00	100.0%

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

11:34 AM
 03/21/12
 Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget
3108 - GLEN ANNE									
3108-1 - GA SOUTH PORTAL									
3108-1a - Maintenance	0.00			321.18	0.00		321.18	0.00	100.0%
3108-1d - Weed Management	0.00			4,730.94	0.00		4,730.94	0.00	100.0%
3108-1g - Road	0.00			223.90	0.00		223.90	0.00	100.0%
3108-1h - Inspection	0.00			44.51	0.00		44.51	0.00	100.0%
Total 3108-1 - GA SOUTH PORTAL	0.00			5,320.53	0.00		5,320.53	0.00	100.0%
3108-2 - GA RESERVOIR									
3108-2d - Weed Management	0.00			2,069.44	0.00		2,069.44	0.00	100.0%
3108-2h - Inspection	0.00			89.02	0.00		89.02	0.00	100.0%
Total 3108-2 - GA RESERVOIR	0.00			2,158.46	0.00		2,158.46	0.00	100.0%
3108-3 - GA PUMP STATION									
3108-3a - Maintenance	0.00			20.53	0.00		20.53	0.00	100.0%
3108-3e - Landscaping	0.00			778.93	0.00		778.93	0.00	100.0%
Total 3108-3 - GA PUMP STATION	0.00			799.46	0.00		799.46	0.00	100.0%
3108-4 - GA TURNOUT									
3108-4d - Weed Management	0.00			4,260.04	0.00		4,260.04	0.00	100.0%
3108-4e - Landscaping	0.00			2,302.76	0.00		2,302.76	0.00	100.0%
3108-4f - Operations	0.00			226.12	0.00		226.12	0.00	100.0%
3108-4g - Road	0.00			118.23	0.00		118.23	0.00	100.0%
Total 3108-4 - GA TURNOUT	0.00			6,907.15	0.00		6,907.15	0.00	100.0%
Total 3108 - GLEN ANNE	0.00			15,185.60	0.00		15,185.60	0.00	100.0%
3109 - CORONA DEL MAR									
3109-1 - TURNOUT									
3109-1h - Inspection	0.00			94.28	0.00		94.28	0.00	100.0%
Total 3109-1 - TURNOUT	0.00			94.28	0.00		94.28	0.00	100.0%
Total 3109 - CORONA DEL MAR	0.00			94.28	0.00		94.28	0.00	100.0%
3110 - LAURO									
3110-1 - YARD									
3110-1a - Maintenance	0.00			18,004.45	0.00		18,004.45	0.00	100.0%
3110-1b - Cleaning	0.00			2,804.09	0.00		2,804.09	0.00	100.0%
3110-1d - Weed Management	0.00			445.30	0.00		445.30	0.00	100.0%
3110-1e - Landscaping	0.00			736.23	0.00		736.23	0.00	100.0%
3110-1g - Road	0.00			1,885.50	0.00		1,885.50	0.00	100.0%
3110-1h - Inspection	0.00			125.70	0.00		125.70	0.00	100.0%
3110-1j - Rehabilitation	0.00			866.97	0.00		866.97	0.00	100.0%
Total 3110-1 - YARD	0.00			24,868.24	0.00		24,868.24	0.00	100.0%
3110-2 - CONTROL STATION									
3110-2a - Maintenance	0.00			161.05	0.00		161.05	0.00	100.0%
3110-2b - Cleaning	0.00			217.15	0.00		217.15	0.00	100.0%
3110-2f - Operations	0.00			384.72	0.00		384.72	0.00	100.0%
Total 3110-2 - CONTROL STATION	0.00			762.92	0.00		762.92	0.00	100.0%
3110-3 - RESERVOIR									
3110-3a - Maintenance	0.00			72.38	0.00		72.38	0.00	100.0%
3110-3b - Cleaning	0.00			193.03	0.00		193.03	0.00	100.0%
3110-3d - Weed Management	0.00			1,650.84	0.00		1,650.84	0.00	100.0%
3110-3e - Landscaping	0.00			94.28	0.00		94.28	0.00	100.0%
3110-3f - Operations	0.00			125.70	0.00		125.70	0.00	100.0%
3110-3h - Inspection	0.00			196.38	0.00		196.38	0.00	100.0%
Total 3110-3 - RESERVOIR	0.00			2,332.61	0.00		2,332.61	0.00	100.0%

ITEM # 36
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Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals - July 2011-February 2012

11:34 AM
 03/21/12
 Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget
3110-4 · DEBRIS BASINS									
3110-4a · Maintenance	0.00			642.02	0.00		642.02	0.00	100.0%
3110-4b · Cleaning	0.00			439.95	0.00		439.95	0.00	100.0%
3110-4f · Operations	0.00			408.53	0.00		408.53	0.00	100.0%
3110-4h · Inspection	0.00			217.74	0.00		217.74	0.00	100.0%
3110-4i · Engineering	0.00			378.32	0.00		378.32	0.00	100.0%
Total 3110-4 · DEBRIS BASINS	0.00			2,086.56	0.00		2,086.56	0.00	100.0%
Total 3110 · LAURO	0.00			30,050.33	0.00		30,050.33	0.00	100.0%
3111 · OFFICE									
3111-1 · CREW OFFICE									
3111-1-j · Rehabilitation	0.00			231.73	0.00		231.73	0.00	100.0%
Total 3111-1 · CREW OFFICE	0.00			231.73	0.00		231.73	0.00	100.0%
Total 3111 · OFFICE	0.00			231.73	0.00		231.73	0.00	100.0%
3112 · SHEFFIELD									
3112-1 · CONTROL STATION									
3112-1a · Maintenance	0.00			48.26	0.00		48.26	0.00	100.0%
3112-1b · Cleaning	0.00			141.02	0.00		141.02	0.00	100.0%
3112-1h · Inspection	0.00			31.43	0.00		31.43	0.00	100.0%
Total 3112-1 · CONTROL STATION	0.00			220.71	0.00		220.71	0.00	100.0%
Total 3112 · SHEFFIELD	0.00			220.71	0.00		220.71	0.00	100.0%
3113 · ORTEGA									
3113-1 · CONTROL STATION									
3113-1a · Maintenance	0.00			252.87	0.00		252.87	0.00	100.0%
3113-1h · Inspection	0.00			31.43	0.00		31.43	0.00	100.0%
3113-1j · Rehabilitation	0.00			359.69	0.00		359.69	0.00	100.0%
Total 3113-1 · CONTROL STATION	0.00			643.99	0.00		643.99	0.00	100.0%
Total 3113 · RESERVOIR	0.00			643.99	0.00		643.99	0.00	100.0%
3113-2 · RESERVOIR									
3113-2a · Maintenance	0.00			811.04	0.00		811.04	0.00	100.0%
3113-2d · Weed Management	0.00			1,246.20	0.00		1,246.20	0.00	100.0%
3113-2f · Operations	0.00			475.06	0.00		475.06	0.00	100.0%
3113-2h · Inspection	0.00			116.81	0.00		116.81	0.00	100.0%
Total 3113-2 · RESERVOIR	0.00			2,649.11	0.00		2,649.11	0.00	100.0%
Total 3113 · ORTEGA	0.00			3,293.10	0.00		3,293.10	0.00	100.0%
3114 · BOUNDARY METER									
3114-1 · VAULT									
3114-1a · Maintenance	0.00			86.42	0.00		86.42	0.00	100.0%
3114-1j · Rehabilitation	0.00			219.98	0.00		219.98	0.00	100.0%
Total 3114-1 · VAULT	0.00			306.40	0.00		306.40	0.00	100.0%
Total 3114 · BOUNDARY METER	0.00			306.40	0.00		306.40	0.00	100.0%
3115 · CARPINTERIA									
3115-1 · CONTROL STATION									
3115-1a · Maintenance	0.00			1,232.52	0.00		1,232.52	0.00	100.0%
3115-1b · Cleaning	0.00			120.64	0.00		120.64	0.00	100.0%
3115-1h · Inspection	0.00			31.43	0.00		31.43	0.00	100.0%
3115-1i · Engineering	0.00			1,136.55	0.00		1,136.55	0.00	100.0%
3115-1j · Rehabilitation	0.00			251.70	0.00		251.70	0.00	100.0%
Total 3115-1 · CONTROL STATION	0.00			2,772.84	0.00		2,772.84	0.00	100.0%

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Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2011-February 2012

	Fisheries		Operations		TOTAL	
	Jul '11 - Feb...	Budget	Jul '11 - Feb...	Budget	Jul '11 - Feb...	Budget
	% of Budget	\$ Over Budg...	% of Budget	\$ Over Budg...	% of Budget	\$ Over Budg...
3115-2 - RESERVOIR						
3115-2a - Maintenance	0.00	258.72	258.72	0.00	258.72	100.0%
3115-2d - Weed Management	0.00	544.82	544.82	0.00	544.82	100.0%
3115-2h - Inspection	0.00	282.82	282.82	0.00	282.82	100.0%
Total 3115-2 - RESERVOIR	0.00	1,086.36	1,086.36	0.00	1,086.36	100.0%
Total 3115 - CARPINTERIA	0.00	3,859.20	3,859.20	0.00	3,859.20	100.0%
3116 - GOLETA REACH						
3116-1 - STRUCTURES						
3116-1a - Maintenance	0.00	8,493.44	8,493.44	0.00	8,493.44	100.0%
3116-1d - Weed Management	0.00	249.50	249.50	0.00	249.50	100.0%
3116-1h - Inspection	0.00	157.13	157.13	0.00	157.13	100.0%
3116-1j - Rehabilitation	0.00	94.28	94.28	0.00	94.28	100.0%
Total 3116-1 - STRUCTURES	0.00	8,994.35	8,994.35	0.00	8,994.35	100.0%
3116-4 - CONDUIT						
3116-4h - Inspection	0.00	212.81	212.81	0.00	212.81	100.0%
Total 3116-4 - CONDUIT	0.00	212.81	212.81	0.00	212.81	100.0%
Total 3116 - GOLETA REACH	0.00	9,207.16	9,207.16	0.00	9,207.16	100.0%
3117 - CARPINTERIA REACH						
3117-1 - STRUCTURES						
3117-1a - Maintenance	0.00	7,869.93	7,869.93	0.00	7,869.93	100.0%
3117-1d - Weed Management	0.00	167.57	167.57	0.00	167.57	100.0%
3117-1h - Inspection	0.00	867.74	867.74	0.00	867.74	100.0%
3117-1j - Rehabilitation	0.00	11,835.84	11,835.84	0.00	11,835.84	100.0%
Total 3117-1 - STRUCTURES	0.00	20,741.08	20,741.08	0.00	20,741.08	100.0%
3117-3 - VALVES						
3117-3j - Rehabilitation	0.00	534.23	534.23	0.00	534.23	100.0%
Total 3117-3 - VALVES	0.00	534.23	534.23	0.00	534.23	100.0%
3117-4 - CONDUIT						
3117-4b - Cleaning	0.00	729.98	729.98	0.00	729.98	100.0%
Total 3117-4 - CONDUIT	0.00	729.98	729.98	0.00	729.98	100.0%
Total 3117 - CARPINTERIA REACH	0.00	22,005.29	22,005.29	0.00	22,005.29	100.0%
3150 - Health & Workers Comp	0.00	136,071.15	136,071.15	0.00	136,071.15	100.0%
3155 - PERS	0.00	49,909.18	49,909.18	0.00	49,909.18	100.0%
3160 - Ops Co FICA	0.00	18,989.72	18,989.72	0.00	18,989.72	100.0%
3165 - Ops Co Medicare	0.00	4,673.66	4,673.66	0.00	4,673.66	100.0%
3100 - LABOR - OPERATIONS - Other	0.00	0.00	0.00	872,417.00	-872,417.00	0.0%
Total 3100 - LABOR - OPERATIONS	0.00	493,576.79	493,576.79	865,532.63	-371,955.84	57.0%
3200 VEH & EQUIPMENT						
3201 - Vehicle/Equip Mtee	0.00	17,389.62	17,389.62	25,000.00	-7,610.38	69.6%
3202 - Fixed Capital	0.00	1,500.48	1,500.48	10,000.00	-8,499.52	15.0%
3203 - Equipment Rental	0.00	2,702.78	2,702.78	5,000.00	-2,297.22	54.1%
3204 - Miscellaneous	0.00	4,125.64	4,125.64	5,000.00	-874.36	82.5%
Total 3200 VEH & EQUIPMENT	0.00	25,718.52	25,718.52	45,000.00	-19,281.48	57.2%
3300 - CONTRACT LABOR						
3301 - Conduit, Meter, Valve & Misc	0.00	4,387.30	4,387.30	12,000.00	-7,612.70	36.6%
3302 - Buildings & Roads	0.00	10,280.74	10,280.74	20,000.00	-9,719.26	51.4%
3303 - Reservoirs	0.00	1,943.00	1,943.00	10,000.00	-8,057.00	19.4%
3304 - Engineering, Misc Services	0.00	0.00	0.00	30,000.00	-30,000.00	0.0%
Total 3300 - CONTRACT LABOR	0.00	16,611.04	16,611.04	72,000.00	-55,388.96	23.1%

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Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2011-February 2012

	Fisheries			Operations			TOTAL		
	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget
3400 - MATERIALS & SUPPLIES									
3401 - Conduit, Meter, Valve & Misc	0.00	25,000.00	7.2%	1,788.28	25,000.00	7.2%	1,788.28	25,000.00	7.2%
3402 - Buildings & Roads	0.00	12,000.00	59.7%	7,166.51	12,000.00	59.7%	7,166.51	12,000.00	59.7%
3403 - Reservoirs	0.00	10,000.00	26.0%	2,602.48	10,000.00	26.0%	2,602.48	10,000.00	26.0%
Total 3400 - MATERIALS & SUPPLIES	0.00	47,000.00	24.6%	11,557.27	47,000.00	24.6%	11,557.27	47,000.00	24.6%
3500 - OTHER EXPENSES									
3501 - Utilities	0.00	6,800.00	48.8%	3,321.70	6,800.00	48.8%	3,321.70	6,800.00	48.8%
3502 - Uniforms	0.00	4,500.00	55.6%	2,502.57	4,500.00	55.6%	2,502.57	4,500.00	55.6%
3503 - Communications	0.00	20,000.00	55.3%	11,058.98	20,000.00	55.3%	11,058.98	20,000.00	55.3%
3504 - USA & Other Services	0.00	4,000.00	18.2%	729.00	4,000.00	18.2%	729.00	4,000.00	18.2%
3505 - Miscellaneous	0.00	8,000.00	91.8%	7,344.98	8,000.00	91.8%	7,344.98	8,000.00	91.8%
3506 - Training	0.00	3,000.00	117.5%	3,523.77	3,000.00	117.5%	3,523.77	3,000.00	117.5%
Total 3500 - OTHER EXPENSES	0.00	46,300.00	61.5%	28,481.00	46,300.00	61.5%	28,481.00	46,300.00	61.5%
4000 - Reconciliation Discrepancies	0.00	0.00		0.01	0.00		0.01	0.00	100.0%
4100 - LABOR - FISHERIES									
4101 - Senior Resource Scientist	0.00	-5,148.47	0.0%	0.00	-5,148.47	0.0%	0.00	-5,148.47	0.0%
4101-1 - QC 2 Project Administration	0.00	132.01	0.0%	0.00	132.01	0.0%	0.00	132.01	0.0%
4101-2 - QC 2 Permit Writing/Admin	51,463.37	91,529.00	56.2%	51,463.37	91,529.00	56.2%	51,463.37	91,529.00	56.2%
4101 - Senior Resource Scientist - Other	51,463.37	86,248.52	59.7%	0.00	86,248.52	59.7%	51,463.37	86,248.52	59.7%
Total 4101 - Senior Resource Scientist	51,463.37	86,248.52	59.7%	0.00	86,248.52	59.7%	51,463.37	86,248.52	59.7%
4102 - Project Biologist	0.00	-5,821.26	0.0%	0.00	-5,821.26	0.0%	0.00	-5,821.26	0.0%
4102-1 - QC 2 Bio Monitoring	52,168.16	86,565.00	60.3%	52,168.16	86,565.00	60.3%	52,168.16	86,565.00	60.3%
4102 - Project Biologist - Other	52,168.16	80,743.74	64.6%	0.00	80,743.74	64.6%	52,168.16	80,743.74	64.6%
Total 4102 - Project Biologist	52,168.16	80,743.74	64.6%	0.00	80,743.74	64.6%	52,168.16	80,743.74	64.6%
4103 - Biologist									
4103-1 - QC 2 Bio Monitoring	0.00	-5,821.26	0.0%	0.00	-5,821.26	0.0%	0.00	-5,821.26	0.0%
4103 - Biologist - Other	41,911.43	67,657.00	61.9%	41,911.43	67,657.00	61.9%	41,911.43	67,657.00	61.9%
Total 4103 - Biologist	41,911.43	61,835.74	67.8%	41,911.43	61,835.74	67.8%	41,911.43	61,835.74	67.8%
4112 - Seasonal Aide - SH	4,666.50	11,000.00	42.4%	0.00	11,000.00	42.4%	4,666.50	11,000.00	42.4%
4113 - Seasonal Aide - KL	8,929.13	11,000.00	81.2%	0.00	11,000.00	81.2%	8,929.13	11,000.00	81.2%
4114 - Seasonal Aide - JG	634.50	6,000.00	10.6%	0.00	6,000.00	10.6%	634.50	6,000.00	10.6%
4115 - Seasonal Aide - RK	1,076.63	6,000.00	17.9%	0.00	6,000.00	17.9%	1,076.63	6,000.00	17.9%
4116 - Seasonal Aide - DR	877.50	6,000.00	14.6%	0.00	6,000.00	14.6%	877.50	6,000.00	14.6%
4150 - FD Health & WC	56,566.27	76,315.00	74.1%	0.00	76,315.00	74.1%	56,566.27	76,315.00	74.1%
4151 - FD PERS	29,703.08	44,296.00	67.1%	0.00	44,296.00	67.1%	29,703.08	44,296.00	67.1%
4152 - FD Co FICA	12,103.85	16,700.00	72.5%	0.00	16,700.00	72.5%	12,103.85	16,700.00	72.5%
4153 - FD Co Medicare	2,830.76	2,100.00	134.8%	0.00	2,100.00	134.8%	2,830.76	2,100.00	134.8%
Total 4100 - LABOR - FISHERIES	262,931.18	408,239.00	64.4%	0.00	408,239.00	64.4%	262,931.18	408,239.00	64.4%
4200 - VEHICLES & EQUIP - FISHERIES									
4270 - Vehicle/Equip Mfctc	7,399.26	13,000.00	56.9%	0.00	13,000.00	56.9%	7,399.26	13,000.00	56.9%
4280 - Fixed Capital	966.72	30,000.00	3.2%	0.00	30,000.00	3.2%	966.72	30,000.00	3.2%
4290 - Miscellaneous	844.32	2,500.00	33.8%	0.00	2,500.00	33.8%	844.32	2,500.00	33.8%
Total 4200 - VEHICLES & EQUIP - FISHERIES	9,210.30	45,500.00	20.2%	0.00	45,500.00	20.2%	9,210.30	45,500.00	20.2%
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	8,419.35	15,000.00	56.1%	0.00	15,000.00	56.1%	8,419.35	15,000.00	56.1%
Total 4220 - CONTRACT LABOR - FISHERIES	8,419.35	18,000.00	46.8%	0.00	18,000.00	46.8%	8,419.35	18,000.00	46.8%
4300 - MATERIALS/SUPPLIES - FISHERIES									
4390 - Miscellaneous	299.83	6,000.00	5.0%	0.00	6,000.00	5.0%	299.83	6,000.00	5.0%
Total 4300 - MATERIALS/SUPPLIES - FISHERIES	299.83	6,000.00	5.0%	0.00	6,000.00	5.0%	299.83	6,000.00	5.0%

Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2011-February 2012

	Fisheries			Operations			TOTAL		
	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget	Jul '11 - Feb...	Budget	% of Budget
4500 - OTHER EXPENSES - FISHERIES									
4502 - Uniforms	656.75	2,500.00	26.3%	0.00	0.00		656.75	2,500.00	26.3%
Total 4500 - OTHER EXPENSES - FISHERIES	656.75	2,500.00	26.3%	0.00	0.00		656.75	2,500.00	26.3%
4999 - GENERAL & ADMINISTRATIVE									
5000 - Director Fees	0.00	0.00		705.15	0.00		705.15	0.00	100.0%
5001 - Director Mileage	0.00	0.00		9,344.00	12,000.00	77.9%	9,344.00	12,000.00	77.9%
5000 - Director Fees - Other	0.00	0.00		10,049.15	12,000.00	83.7%	10,049.15	12,000.00	83.7%
Total 5000 - Director Fees	0.00	0.00		20,393.15	24,000.00	85.6%	20,393.15	24,000.00	85.6%
5100 - Legal	0.00	0.00		77,838.50	75,000.00	103.8%	77,838.50	75,000.00	103.8%
5101 - Audit	0.00	0.00		15,218.35	13,000.00	117.1%	15,218.35	13,000.00	117.1%
5200 - Liability Insurance	0.00	0.00		38,215.10	30,800.00	124.1%	38,215.10	30,800.00	124.1%
5201 - Health & Workers Comp	0.00	0.00		69,323.32	143,790.00	48.2%	69,323.32	143,790.00	48.2%
5250 - PERS	0.00	0.00		31,814.05	48,334.00	65.8%	31,814.05	48,334.00	65.8%
5260 - Company FICA Admin	0.00	0.00		11,551.86	17,632.00	65.5%	11,551.86	17,632.00	65.5%
5265 - Company MCARE Admin	0.00	0.00		2,719.38	4,123.00	66.0%	2,719.38	4,123.00	66.0%
5300 - Manager Salary	0.00	0.00		73,230.90	112,000.00	65.4%	73,230.90	112,000.00	65.4%
5301 - Administrative Manager	0.00	0.00		43,289.00	67,339.00	64.3%	43,289.00	67,339.00	64.3%
5304 - Administrative Secretary	0.00	0.00		25,381.29	38,648.00	65.7%	25,381.29	38,648.00	65.7%
5306 - Administrative Assistant	0.00	0.00		27,076.08	41,595.00	65.1%	27,076.08	41,595.00	65.1%
5310 - Postage/Office Exp	0.00	0.00		4,098.39	11,200.00	36.6%	4,098.39	11,200.00	36.6%
5311 - Office Equip/Leases	0.00	0.00		6,590.46	9,800.00	67.2%	6,590.46	9,800.00	67.2%
5312 - Misc Admin Expenses	0.00	0.00		4,578.94	12,000.00	38.2%	4,578.94	12,000.00	38.2%
5313 - Communications	0.00	0.00		5,884.21	8,400.00	70.1%	5,884.21	8,400.00	70.1%
5314 - Utilities	0.00	0.00		6,150.89	8,500.00	72.4%	6,150.89	8,500.00	72.4%
5315 - Membership Dues	0.00	0.00		5,776.09	7,295.00	79.2%	5,776.09	7,295.00	79.2%
5316 - Admin Fixed Assets	0.00	0.00		0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
5318 - Computer Consultant	0.00	0.00		13,142.07	17,500.00	75.1%	13,142.07	17,500.00	75.1%
5325 - Emp Training/Subscriptions	0.00	0.00		1,504.36	3,000.00	50.1%	1,504.36	3,000.00	50.1%
5330 - Admin Travel/Conferences	0.00	0.00		0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
5331 - Public Information	0.00	0.00		429.77	1,000.00	43.0%	429.77	1,000.00	43.0%
5332 - Transportation	0.00	0.00		2,271.91	1,000.00	227.2%	2,271.91	1,000.00	227.2%
5333 - Relocation Expense	0.00	0.00		9,489.56	14,000.00	67.8%	9,489.56	14,000.00	67.8%
5390 - MURRP Interest Expense	0.00	0.00		0.00	20,000.00	0.0%	0.00	20,000.00	0.0%
Total 4999 - GENERAL & ADMINISTRATIVE	0.00	0.00		485,623.63	725,956.00	66.9%	485,623.63	725,956.00	66.9%
5400 - GENERAL & ADMIN - FISHERIES									
5401 - Health & Workers Comp.	17,174.85	43,099.00	39.8%	0.00	0.00		17,174.85	43,099.00	39.8%
5402 - CalPERS	13,493.58	20,716.00	65.1%	0.00	0.00		13,493.58	20,716.00	65.1%
5403 - Company Fica	4,950.74	7,556.00	65.5%	0.00	0.00		4,950.74	7,556.00	65.5%
5404 - Admin Secretary	10,877.75	16,563.00	65.7%	0.00	0.00		10,877.75	16,563.00	65.7%
5405 - GM Salary	31,384.55	48,000.00	65.4%	0.00	0.00		31,384.55	48,000.00	65.4%
5406 - Company MCare	1,165.45	1,765.00	66.0%	0.00	0.00		1,165.45	1,765.00	66.0%
5407 - Legal - FD	8,141.00	25,000.00	32.6%	0.00	0.00		8,141.00	25,000.00	32.6%
5408 - Administrative Manager	0.00	0.00		0.00	0.00		0.00	0.00	0.0%
5408-1 - QC 2 Contract Administration	18,869.64	28,860.00	65.4%	0.00	0.00		18,869.64	28,860.00	65.4%
5408 - Administrative Manager - Other	18,869.64	26,476.38	71.3%	0.00	0.00		18,869.64	26,476.38	71.3%
Total 5408 - Administrative Manager	0.00	0.00		0.00	0.00		0.00	0.00	0.0%
5409 - Administrative Assistant	11,854.98	17,827.00	66.5%	0.00	0.00		11,854.98	17,827.00	66.5%
5409-1 - QC 2 Contract Administration	11,854.98	17,827.00	66.5%	0.00	0.00		11,854.98	17,827.00	66.5%
5409 - Administrative Assistant - Other	0.00	0.00		0.00	0.00		0.00	0.00	0.0%
Total 5409 - Administrative Assistant	11,854.98	17,827.00	66.5%	0.00	0.00		11,854.98	17,827.00	66.5%

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

	Fisheries			Operations			TOTAL		
	Jul '11 - Feb...	\$ Over Bdg...	% of Budget	Jul '11 - Feb...	\$ Over Bdg...	% of Budget	Jul '11 - Feb...	\$ Over Bdg...	% of Budget
5410 · Postage / Office Supplies	3,054.87	-1,745.13	63.6%	0.00	0.00	0.0%	3,054.87	-1,745.13	63.6%
5411 · Office Equipment / Leases	2,795.39	-1,404.61	66.6%	0.00	0.00	0.0%	2,795.39	-1,404.61	66.6%
5412 · Misc. Admin Expense	1,963.00	-4,037.00	32.7%	0.00	0.00	0.0%	1,963.00	-4,037.00	32.7%
5413 · Communications	2,647.75	-952.25	73.5%	0.00	0.00	0.0%	2,647.75	-952.25	73.5%
5414 · Utilities	2,577.61	-1,922.39	57.3%	0.00	0.00	0.0%	2,577.61	-1,922.39	57.3%
5415 · Membership Dues	2,478.46	-312.54	88.8%	0.00	0.00	0.0%	2,478.46	-312.54	88.8%
5416 · Admin Fixed Assets	0.00	-5,000.00	0.0%	0.00	0.00	0.0%	0.00	-5,000.00	0.0%
5418 · Computer Consultant	5,681.86	-1,818.14	75.8%	0.00	0.00	0.0%	5,681.86	-1,818.14	75.8%
5425 · Employee Education/Subscription	888.71	-2,111.29	29.6%	0.00	0.00	0.0%	888.71	-2,111.29	29.6%
5430 · Travel	0.00	-3,000.00	0.0%	0.00	0.00	0.0%	0.00	-3,000.00	0.0%
5431 · Public Information	184.14	-815.86	18.4%	0.00	0.00	0.0%	184.14	-815.86	18.4%
5432 · Transportation	1,019.80	19.80	102.0%	0.00	0.00	0.0%	1,019.80	19.80	102.0%
5433 · Relocation Expense - GM	4,066.94	-1,933.06	67.8%	0.00	0.00	0.0%	4,066.94	-1,933.06	67.8%
5441 · Audit	6,522.15	522.15	108.7%	0.00	0.00	0.0%	6,522.15	522.15	108.7%
5443 · Liab & Property Ins	16,377.90	3,177.90	124.1%	0.00	0.00	0.0%	16,377.90	3,177.90	124.1%
5490 · Fish Projects Interest Expense	0.00	-14,930.00	0.0%	0.00	0.00	0.0%	0.00	-14,930.00	0.0%
Total 5400 · GENERAL & ADMIN - FISHERIES	168,171.12	-125,352.26	57.3%	0.00	-15,000.00	0.0%	168,171.12	-125,352.26	57.3%
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	0.00	0.0%	0.00	0.00	0.0%
6000 · SPECIAL PROJECTS									
6062 · SCADA	0.00	0.00	0.0%	237.05	18,500.00	1.3%	237.05	18,500.00	1.3%
6090-1 · COMB Bldg/Grounds Repair	0.00	0.00	0.0%	3,753.12	30,000.00	12.5%	3,753.12	30,000.00	12.5%
6092 · SCC Improv Plan & Design	0.00	0.00	0.0%	2,945.98	50,000.00	5.9%	2,945.98	50,000.00	5.9%
6096 · SCC Structure Rehabilitation	0.00	0.00	0.0%	29,104.16	37,500.00	77.6%	29,104.16	37,500.00	77.6%
6097 · GIS and Mapping	0.00	0.00	0.0%	3,115.18	10,000.00	31.2%	3,115.18	10,000.00	31.2%
6101 · SCC Emergency Pipeline Repairs	0.00	0.00	0.0%	59,119.72	205,000.00	28.8%	59,119.72	205,000.00	28.8%
6102 · Lauro Debris Basin Maintenance	0.00	0.00	0.0%	77,232.00	76,175.00	101.4%	77,232.00	76,175.00	101.4%
6103 · SCCMURR	0.00	0.00	0.0%	1,337,529.80	1,200,000.00	111.5%	1,337,529.80	1,200,000.00	111.5%
Total 6000 · SPECIAL PROJECTS	0.00	0.00	0.0%	1,513,037.01	1,627,175.00	93.0%	1,513,037.01	-114,137.99	93.0%
6200 · FISHERIES ACTIVITIES									
6201 · FMP Implementation	9,553.72	-111,946.28	7.9%	0.00	0.00	0.0%	9,553.72	-111,946.28	7.9%
6202 · GIS and Mapping	5,566.57	-4,433.43	55.7%	0.00	0.00	0.0%	5,566.57	-4,433.43	55.7%
6203 · Grants Technical Support	0.00	-10,000.00	0.0%	0.00	0.00	0.0%	0.00	-10,000.00	0.0%
6204 · SYR Hydrology Technical Support	683.84	-24,316.16	2.7%	0.00	0.00	0.0%	683.84	-24,316.16	2.7%
6205 · USGS Stream Gauge Program	55,462.50	-19,537.50	74.0%	0.00	0.00	0.0%	55,462.50	-19,537.50	74.0%
6206 · Tri County Fish Team Funding	0.00	-5,000.00	0.0%	0.00	0.00	0.0%	0.00	-5,000.00	0.0%
6207 · Oak Tree Restoration Program	50,369.00	-29,631.00	63.0%	0.00	0.00	0.0%	50,369.00	-29,631.00	63.0%
6208 · Legislative & Steelhead Funding	0.00	8,000.00	0.0%	0.00	0.00	0.0%	0.00	8,000.00	0.0%
6209 · SYR Riverware Model Peer Review	7,653.00	-40,347.00	15.9%	0.00	0.00	0.0%	7,653.00	-40,347.00	15.9%
Total 6200 · FISHERIES ACTIVITIES	129,288.63	-253,211.37	33.8%	0.00	0.00	0.0%	129,288.63	-253,211.37	33.8%
6300 · HABITAT ENHANCEMENT									
6303 · Tributary Projects Support	0.00	-2,000.00	0.0%	0.00	0.00	0.0%	0.00	-2,000.00	0.0%
6304 · Engineering Designs - QC	21,657.04	-11,342.96	65.6%	0.00	0.00	0.0%	21,657.04	-11,342.96	65.6%
6306 · Jalama Repair Design	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6307 · Quiota Creek Crossing #2									
6307-1 · Labor									
6307-1a · Resident Engineer	6,884.37	0.00	100.0%	0.00	0.00	0.0%	6,884.37	0.00	100.0%
6307-1b · Project Administrator	5,148.47	0.00	100.0%	0.00	0.00	0.0%	5,148.47	0.00	100.0%
6307-1c · Contract Administration	2,383.62	0.00	100.0%	0.00	0.00	0.0%	2,383.62	0.00	100.0%
6307-1d · Permit Writing / Administration	132.01	0.00	100.0%	0.00	0.00	0.0%	132.01	0.00	100.0%
6307-1e · Biological Monitoring	11,642.52	0.00	100.0%	0.00	0.00	0.0%	11,642.52	0.00	100.0%
Total 6307-1 · Labor	26,190.99	0.00	100.0%	0.00	0.00	0.0%	26,190.99	0.00	100.0%

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

11:34 AM
 03/21/12
 Accrual Basis

	Fisheries		Operations		TOTAL	
	Jul '11 - Feb...	% of Budget	Jul '11 - Feb...	% of Budget	Budget	% of Budget
6307-2 - Design, Permit, Testing, Ovsite	46,860.73	106.5%	0.00	0.00	44,000.00	106.5%
6307-3 - Bottomless Arched Culvert	172,312.64	107.8%	0.00	0.00	159,800.00	107.8%
6307-4 - Mobilization	43,000.00	148.3%	0.00	0.00	29,000.00	148.3%
6307-5 - Demolition, Disposal	30,500.00	147.1%	0.00	0.00	20,736.00	147.1%
6307-6 - Install, O & M Dewatering Sys	15,192.25	55.6%	0.00	0.00	27,310.00	55.6%
6307-7 - Erosion Cntrl - Revegetation	12,638.06	162.7%	0.00	0.00	7,770.00	162.7%
6307-8 - Site Ex, Stockpiling, Mat Prep	17,325.00	49.1%	0.00	0.00	35,298.00	49.1%
6307-9 - Over Ex, Footing Prep	7,345.00	33.0%	0.00	0.00	22,266.00	33.0%
6307-10 - Construct CIP Footing Prep	40,000.00	105.6%	0.00	0.00	37,880.00	105.6%
6307-11 - Install Prefab Arched Sys	30,000.00	99.8%	0.00	0.00	30,048.00	99.8%
6307-12 - Road Embkmtt Fill, Cmpct, Grad	47,000.00	118.6%	0.00	0.00	39,640.00	118.6%
6307-13 - Rd bse import, prep, grading	20,880.00	158.5%	0.00	0.00	13,170.00	158.5%
6307-14 - Install Asphaltic Cnctr Pvmnt	26,400.00	103.8%	0.00	0.00	25,432.00	103.8%
6307-15 - Install Grdrrail, Bridgerail sys	57,565.80	67.4%	0.00	0.00	85,360.00	67.4%
6307-16 - Apply Bridge Coating Sys	7,000.00	43.8%	0.00	0.00	16,000.00	43.8%
6307-17 - Construct Rock Weir	24,400.00	68.9%	0.00	0.00	35,427.00	68.9%
6307-18 - Construct Rock Riffles	44,080.00	84.9%	0.00	0.00	51,922.00	84.9%
6307-19 - Install Rock Slope Protection	30,900.00	94.4%	0.00	0.00	32,748.00	94.4%
6307-20 - Perform Finish Grading	12,000.00	212.5%	0.00	0.00	5,648.00	212.5%
6307-21 - Cattle Exclusion Fencing	1,183.00	98.6%	0.00	0.00	1,200.00	98.6%
6307-22 - Replace Existing Fence	5,647.87	130.0%	0.00	0.00	4,346.00	130.0%
6307-23 - Site Clean-up and Demobilizatio	1,050.00	10.0%	0.00	0.00	10,500.00	10.0%
6307 - Quiota Creek Crossing #2 - Other	0.00		0.00	0.00	0.00	0.0%
Total 6307 - Quiota Creek Crossing #2	719,471.34	94.5%	0.00	0.00	761,691.99	94.5%
6310 - Cross Creek Ranch weir repair	8,940.00		0.00	0.00	8,940.00	100.0%
Total 6300 - HABITAT ENHANCEMENT	750,068.38	94.1%	0.00	0.00	796,691.99	94.1%
9600 - Extraordinary Items - reorg	0.00		0.00	0.00	0.00	0.0%
Total Expense	1,329,045.47	68.1%	2,574,605.34	-894,358.29	5,421,918.00	72.0%
Net Income	206,936.74	-3,005.9%	258,247.69	6,884.37	465,184.43	100.0%

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

www.treasurer.ca.gov/pmia

-laif

March 12, 2012

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Transactions

Tran Type Definitions

February 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 February, 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
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SANTA BARBARA BANK & TRUST

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

7004
Cachuma Operation & Maintenance Board
Master Contract Renewal Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement

Statement Period: 02/01/2012 to 02/29/2012

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	51.26
Interest Paid Last Year	47.87

Deposit Account Recap

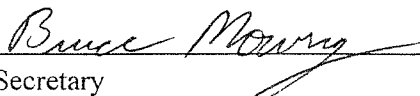
Beginning Balance as of	
February 1, 2012	157,103.98
1 Deposits (Plus)	23.36
1 Withdrawals (Minus)	147,000.00
Ending Balance as of	
February 29, 2012	10,127.34
Interest Paid	23.36

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 February, 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

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**SANTA BARBARA
BANK & TRUST**

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

7005
Cachuma Operation & Maintenance Board
Cachuma Project Trust Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement

Statement Period: 02/01/2012 to 02/29/2012

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

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Public Capital Tiered MMDA

Checking Summary

Cachuma Operation & Maintenance Board

Cachuma Project Trust Fund

Account Number	102335080
Interest Paid YTD	30.43
Interest Paid Last Year	383.00

Deposit Account Recap

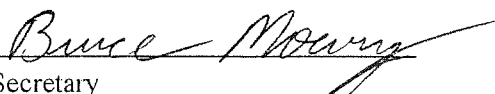
Beginning Balance as of	
February 1, 2012	54,401.00
1 Deposits (Plus)	12.97
Ending Balance as of	
February 29, 2012	54,413.97
Interest Paid	12.97

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 February, 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

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Payment of Claims
As of February 29, 2012

	Date	Num	Name	Memo	Amount
1050 - GEN FUND	02/01/2012	20636	COMB-Petty Cash	Replenish petty cash	-285.91
	02/01/2012	20637	Blois Construction, Inc.	Construction portion-MURRP	-157,959.88
	02/03/2012	20638	Acorn Landscape Management Co.	Scheduled mtce	-260.77
	02/03/2012	20639	ACWA Health Benefits Authority (HBA)	Mar EAP	-53.10
	02/03/2012	20640	Aqua-Flo Supply	Straw wattle/corrugated pipe-trapping supplies	-202.70
	02/03/2012	20641	AT&T	Jan statement	-570.64
	02/03/2012	20642	Bartlett, Pringle & Wolf, LLP	Client #A6145.1100 Audit 10-11	-1,834.50
	02/03/2012	20643	Big Brand Tire Company	Service-GM vehicle/S-10/Silverado	-959.52
	02/03/2012	20644	Cardno ENTRIX	Permit support-MURRP Dec	-47.64
	02/03/2012	20645	CIO Solutions, LP	Maintain IT/Postini-Mar	-1,945.00
	02/03/2012	20646	City of Santa-Barbara	Refuse/recycle 11/29-12/29/11	-41.96
	02/03/2012	20647	Coastal Copy, LP	Mtce agmt KM-4035/TASKalpha	-323.83
	02/03/2012	20648	Culligan Water	RO system Feb	-24.95
	02/03/2012	20649	Cushman Contracting Corp.	Air valve replace @ Hwy 192 PO#11-12-14	-29,104.16
	02/03/2012	20650	ECHO Communications	Answering service	-63.20
	02/03/2012	20651	Employee Relations, Inc.	Pre-employment background check-DB	-212.25
	02/03/2012	20652	GE Capital	Lease agmt KM-C4035E Billing ID#90133933786	-494.57
	02/03/2012	20653	Grainger	Canisters/respirators/exhalation valves-Tunnel walk	-934.00
	02/03/2012	20654	HDR Engineering, Inc.	Various tasks	-16,149.64
	02/03/2012	20655	MarBorg Industries	Portable toilets	-348.30
	02/03/2012	20656	MarVac Electronics	Battery for mower	-71.61
	02/03/2012	20657	Milpas Rental	Chipper	-415.89
	02/03/2012	20658	Musick, Peeler & Garrett LLP	General Counsel-Dec	-21,832.00
	02/03/2012	20659	Nextel Communications	Cellular/equip	-506.66
	02/03/2012	20660	Northwest Hydraulic Consultants	Post project reporting/tech supp-Dec	-1,613.15
	02/03/2012	20661	Peter Lapidus Construction, Inc.	Quiota Xng 2/Lauro debris basin/GA pad/GATO	-73,166.67
	02/03/2012	20662	Powell Garage	S-10 service-brakes/blades/oil/alternator/trans/drive belt	-700.21
	02/03/2012	20663	Praxair Distribution, Inc	Cylinder rental	-55.80
	02/03/2012	20664	Republic Elevator Co.	Scheduled mtce-NP elevator	-278.12
	02/03/2012	20665	Sansum Clinic-Occupational Medicine	Tunnel walk/pre-employment physicals	-2,183.00
	02/03/2012	20666	State Compensation Insurance Fund	Payroll Report Jan 2012	-4,112.47
	02/03/2012	20667	Traffic Technologies LLC	Reflector delineators PO#9084	-394.90
	02/03/2012	20668	Underground Service Alert of So. Calif.	New ticket charges	-45.00
	02/03/2012	20669	WFCB-OSH Commercial Services	Brooms	-90.45
	02/08/2012	20670	A-OK Mower Shops, Inc.	Chain saw chains/chain sharpening	-222.40
	02/08/2012	20671	ACWA Health Benefits Auth. (HBA)	3/1-4/1/12 coverage	-23,342.37
	02/08/2012	20672	All Around Landscape Supply	Drainage fabric 20feet	-38.04
	02/08/2012	20673	City of Santa-Barbara	Refuse/recycle 12/29/11-1/31/12	-179.78
	02/08/2012	20674	City of Santa Barbara-Central Stores	Flanges/gloves	-4,812.78
	02/08/2012	20675	Cox Communications	Business internet Feb	-195.00
	02/08/2012	20676	GE Capital	Lease agmt TASKAlfa Billing ID#90136047559	-133.61
	02/08/2012	20677	LaChaine and Associates, Inc.	Brown overburden PO#11-12-19	-9,886.00
	02/08/2012	20678	Milpas Rental	Chipper	-422.26
	02/08/2012	20679	Paychex, Inc.	1/6,20, 2/3 payrolls/taxes/qrt/year end/new hires	-626.31
	02/08/2012	20680	Peter Lapidus Construction, Inc.	Brown overburden removal PO#11-12-17	-25,000.00
	02/08/2012	20681	Premiere Global Services	Conf. calls Jan	-169.52
	02/08/2012	20682	Prudential Overall Supply	Mats	-135.48
	02/08/2012	20684	SB Home Improvement Center	New key for F-150	-75.41
	02/08/2012	20685	SHRM	Membership 5/1/12-4/30/13	-180.00
	02/08/2012	20686	Southern California Edison	Main ofc/outlying stations	-1,223.45
	02/08/2012	20687	Staples Credit Plan	Office Supplies	-100.16
	02/08/2012	20688	Tri-Co Reprographics	Digital plots/scans	-15.02
	02/08/2012	20689	Verizon California	Main ofc/outlying stations	-452.73
	02/09/2012	20690	Bruce Mowry	Dec reimb misc exp's	-102.56
	02/09/2012	20691	Dale Francisco	Jan mtg fees	-132.60
	02/09/2012	20692	Dennis E. Beebe	Jan mtg fees	-159.47
	02/09/2012	20693	Lauren W. Hanson	Jan mtg fees	-133.55
	02/09/2012	20694	Robert R. Lieberknecht	Jan mtg fees	-287.40
	02/09/2012	20695	W. Douglas Morgan	Jan mtg fees	-278.20
	02/17/2012	20696	Cardno ENTRIX	Task Mgt/File mtce/BO Comp/support/Fish mon-Dec	-608.71
	02/17/2012	20697	Hydrex Pest Control Co.	Ant/pest control	-68.00
	02/17/2012	20698	Melinda L. Fournier	Oak Tree Restoration Program-Jan	-4,831.00
	02/17/2012	20699	Southern California Edison	Corona-Glen Anne Rd/Glen Anne gate/Foothill Rd	-77.75

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Payment of Claims
 As of February 29, 2012

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
02/17/2012	20700	Specialty Tool, LTD	Bolts/washers for NP hatch	-73.85
02/17/2012	20701	Underground Service Alert of So. Calif.	New ticket charges	-147.00
02/17/2012	20702	United States Geological Survey	Agmt#12WSCA44600 1st Qrtly billing Agmt 9/25/11	-18,537.50
02/17/2012	20703	Verizon California	SCADA	-522.29
02/17/2012	20704	Verizon Wireless	Cellular	-210.51
02/21/2012	20705	COMB - Revolving Fund	Mar 2, 16 & 30 payrolls/taxes	-180,812.94
02/21/2012	20706	J&C Services	Cleaning services 1/13, 20, 27, 2/3	-600.00
02/21/2012	20707	MarBorg Industries	Weight ticket for green waste disposal tkt#0568943	-10.00
02/22/2012	20708	Blue Gavel Press	CA Employer's Guide-23rd Edition	-129.02
02/22/2012	20709	Secorp Industries	Tunnel walk fit/med testing PO#9078	-861.30
02/22/2012	20710	The Gas Company	Main ofc	-58.37
02/23/2012	20711	Water Opcert School	3-day workshop D3-D4 exam review-FB	-300.00
02/23/2012	20712	Bruce Mowry	Feb reimb's Denver USBR training	-1,321.55
02/23/2012	20713	Business Card	JG-D1-D2 Dist review course/Webhost	-1,612.05
			BM-Air card antenna/vehicle service/Greenbook	
02/28/2012	20714	Blois Construction, Inc.	Construction portion-MURRP	-157,959.88
02/28/2012	20715	PG&E	NP	-192.57
02/28/2012	20716	Logue Law Client Trust Account	PO#11-12-03-Lauro Oak Tree/Honeysuckle-FINAL SETTLEMENT	-15,000.00
02/29/2012	20717	COMB-Petty Cash	Replenish petty cash	-350.06
Total 1050 · GENERAL FUND				<u>-769,870.90</u>
				<u><u>-769,870.90</u></u>

10:10 AM
03/19/12
Accrual Basis

comb2
Payment of Claims-Renewal Fund
February 2012

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
Feb 12 2/21/2012	3004	Cachuma Oper & Maint Board	Jul-Dec & Jan 2012 Fish claims/salaries	-147,000.00
Feb 12				<u>-147,000.00</u>

ITEM# 3c
PAGE 3 Page 1

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date: March 26, 2012

Submitted by: Bruce Mowry

Approved by: Bruce Mowry

SUBJECT: Cachuma Project Trust Fund and Renewal Fund Committee and Betterment Fund

SUMMARY:

On April 14, 1996, Reclamation and the SBCWA entered into the Renewal Master Contract which provides for Water Service from the Cachuma Project effective through September 30, 2020. Article 27 of the Renewal Master Contract provides that the Cachuma Member Units establish a fund (Renewal Fund) for the purpose of financing Cachuma Project related activities. The aggregate amount to be deposited in the Renewal Fund at the start of each Water Year by the Cachuma Member Units is not to exceed an amount which bears a ratio to \$257,100, which is inverse to the ratio which the aggregate amount paid into the Warren Act Trust Fund bears to \$300,000.

Article 27 also provides that Reclamation and the Cachuma Member Units are to jointly develop a Long Term Plan and Annual Work Plans for expenditure of the Renewal Fund monies for purposes consistent with the Renewal Master contract. Article 3.c. of the Warren Act MOU provides that CPA (now COMB) manages and administers the Warren Act Trust Fund. Article 4 of the Warren Act MOU provides for the creation of a Trust Fund Committee, which is comprised of one representative each from the Santa Barbara County Water Agency and COMB.

The Renewal Fund Long Term Plan and Annual Work Plan have been merged together with those of the Warren Act Trust Fund, and the Trust Fund Committee is now referred to as the Trust Fund / Renewal Fund Committee and develops a single Long Term Plan and Annual Plans for potential expenditure of monies from both Funds.

Included in the Renewal Member Unit Contracts, Article 8 (b) states that the "Water Agency shall provide \$100,000 per year during the term hereof for beneficial purposes consistent with the Water Agency Act and within the Santa Ynez River watershed and the Cachuma Project service area." Decisions relating to expenditure of these funds require concurrence by both the Water Agency and the Cachuma Member Units.

FISCAL IMPACTS:

Trust Fund value of \$43,559.00

Renewal Fund value of \$219,770.00

Betterment Fund value of \$100,000.00

Total value of Funds \$363,329.00

Last year the COMB Board approved that all available funds, with the exception of \$10,000.00 the County wanted to offset the cost of a gaging station, would be used to offset annual assessment amounts from the Member Units.

If a similar distribution of funds is agreed to this year, \$353,329.00 would be available to offset the requested assessments by COMB from the Member Units for Fiscal Year 2012/2013.

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

The Cachuma Operation and Maintenance Board General Manager, as the Cachuma Member Units representative to the Cachuma Project Trust Fund and Renewal Fund Committee and Betterment Fund will present the recommendations of the distribution of the Funds from the Fund Committee meeting of March 23, 2012 for Board action.

LIST OF EXHIBITS:

None at this time.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	March 26, 2012
Submitted by:	Bruce Mowry and Tim Robinson
Approved by:	Bruce Mowry

SUBJECT: Quiota Creek Crossing 7 Fish Passage Project – California Wildlife Conservation Board Grant

SUMMARY:

The California Wildlife Conservation Board (WCB) is in their final consideration regarding funding our grant proposal for the second half of funding needed for the Quiota Creek Crossing 7 Fish Passage Project. The WCB grant is for \$398,000. The COMB Board has already accepted and entered into a grant contract with the California Department of Fish and Game for \$442,736 for the first half of the project funding. This project has a \$50,000 construction match plus COMB services that will not be an additional cost to the Fiscal Year 2012-2013 COMB Budget.

WCB will be sending a Grant Agreement to COMB within the next 10 days for signature. Once the signed agreement has been returned, WCB will put our agreement on the WCB Board agenda for final approval at their May meeting. This is a time sensitive matter since they meet quarterly so that we are on their agenda and stay on the construction schedule as planned.

FINANCIAL IMPACT:

COMB furthers their commitment to a \$50,000 construction match as was done for the CDFG signed grant agreement. To clarify, there is only one construction match for a total of \$50,000.

LEGAL CONCURRENCE:

COMB legal counsel should review and approve the WCB Grant Agreement prior to COMB signing the agreement.

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Staff recommends 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.

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PAGE 1

LIST OF EXHIBITS:

E-mail from Anthony Chappelle, WCB Habitat Enhancement and Restoration Program Coordinator, that explains what is needed.

EXHIBIT A
Correspondence with WCB staff regarding pending WCB Grant Agreement

From: Anthony Chappelle <AChappelle@dfg.ca.gov> Sent: Tue 3/20/2012 3:24 PM
To: Tim Robinson
Cc:
Subject: Quiota Creek Crossing #7 Grant

Hi Tim,

I'll be finalizing the Grant Agreement for the subject project within the next 2 weeks and sending 4 copies to you for COMB (Grantee) and County of Santa Barbara (Landowner) signature. Once these are signed we will place the project on the Wildlife Conservation Board meeting agenda for funding consideration (\$398,000) on May 31, 2012. When you receive the Grant, please have all 4 copies signed and returned to us as soon as possible. We cannot place the project on the WCB Agenda until we have all 4 copies signed and returned.

Thanks, Tony

Tony Chappelle
Habitat Enhancement and Restoration Program
Wildlife Conservation Board
1807 13th Street, Suite 103
Sacramento, CA 95811
(916) 324-7487 (office)
(916) 201-3182 (cell)
(916) 323-0280 (fax)

ITEM # 5

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CACHUMA OPERATION AND MAINTENANCE BOARD (COMB)

March 26, 2012 BOARD REPORT

PROJECT: Modified Upper Reach Reliability Project (MURRP)

PROJECT DESCRIPTION: Construct approximately 15,000 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.

CONTRACTOR: 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	90 days
Remaining Time (complete all work):	270 days
Time Elapsed to Date	25%
Work Completed to Date	30%

SUMMARY OF WORK PERFORMED

In order to support the proposed pipeline, it was necessary for the Contractor to construct a fill slope on the east side of the pipe alignment from station 7+80± to station 9+80±. Blois brought in a large excavator (Hitachi 450) to construct the fill slope and trench for the pipe installation. The keyway of the fill slope had to be founded on bedrock or firm native material. The fill slope was designed by Converse Consultants, a geotechnical engineering firm working for Perliter & Ingalsbe. Blois had to excavate approximately 14' below existing grade to reach competent material to start constructing the fill slope. Converse Consultants was on site to approve the keyway subgrade and periodically after that to observe construction of the fill slope. A series of backdrains backfilled with drainrock and encased with filter fabric were installed in the fill slope to convey any water that may be trapped between existing soil and fill soil.

Storm water pollution prevention measures were placed to prevent soil erosion during rain. Because of the measures taken the recent rain had minimal impact.

A transportation permit from the County has been applied for and granted. Contractor is having sand and gravel delivered to the site. Pipe will begin to be delivered the end of this month.

The 48" welded steel pipe is currently being fabricated by West Coast Pipe Rialto, California. COMB Staff will be visiting the facility to review their quality control procedures and determine the quantity of pipe that has been fabricated.

The design engineer, Perliter & Ingalsbe, stamped, signed, and delivered the final plans for construction. Plans have been forwarded to the Bureau of Reclamation for their approval.

An Edison power pole is being relocated because it currently is within the proposed pipeline alignment. Meetings with Edison have taken place, plans have been drawn up and the pole is to be relocated early next month. Taft Electric has installed conduits and ran wires from the existing chlorine building to the location of the new pole. Taft will be placing a new panel at the base of the new pole.

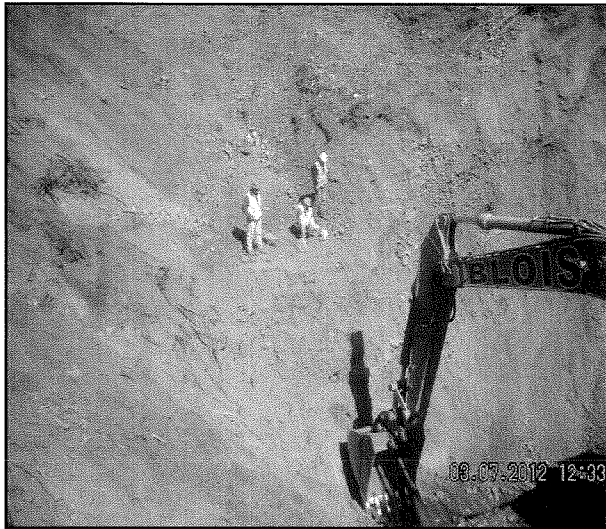
A meeting was scheduled March, 21, 2012 with the paleontologist and the archeologist to review the handling artifacts that might be encountered. The Contractor's work force was required to attend.

WORK PROJECTED FOR NEXT MONTH

Contractor will complete construction of the fill slope and begin trenching for the pipe installation. Pipe will be delivered and at that time the Contractor will begin installation. The power pole will be relocated and hooked up to the new panels.



Excavating down to bed rock or firm native material



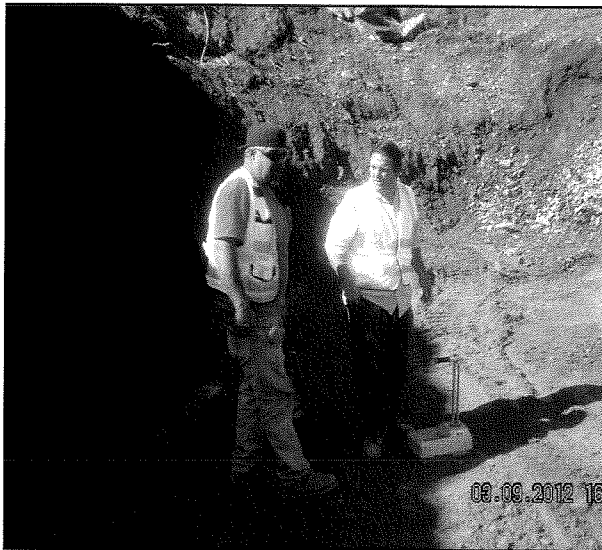
Geoffrey Stokes, Converse Geologist; Ron Pike, PML Geotechnical Engineer and Ricardo Macias, Blois Superintendent observing and evaluating keyway.



Beginning to fill keyway by mixing soil, rock and water and compacting.



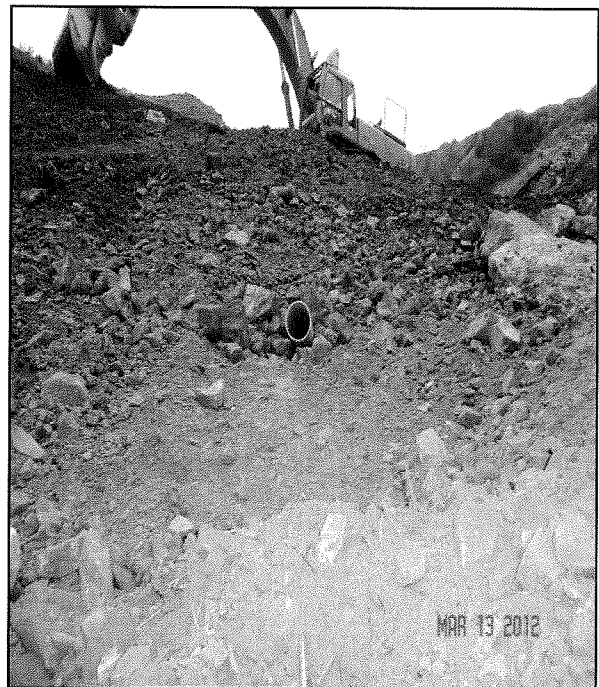
Photograph shows the pipe alignment, existing slope and the necessity of constructing a fill slope.



Soils technician testing density of compacted soil. Blois equipment operator wants to know how he's doing. Test results were 96% relative density. 90% is required so they are doing a good job!



Perforated pipe is installed to carry out any water trapped between the existing slope and constructed fill. Pipe is backfilled with drain rock and wrapped in filter fabric to keep soil from clogging the holes.



Drain pipe installation



Continuing to bring up fill

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	March 26, 2012
Submitted by:	Megan Emami
Approved by:	Bruce Mowry

SUBJECT: March Operations Report

Summary:

To ensure reliability, the Operations Division performs routine maintenance on the South Coast Conduit. The Operations division 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 70.92 acre-feet per day. The lake elevation was 744.56 at the beginning of the month and 743.74 at the end. The storage change was -2,379 acre-feet. During the month, 15 acre-feet of State Water Project water was delivered to the South Coast Member Units.

Activities conducted this period include:

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

Ortega Reservoir was taken offline, the draining of the reservoir was monitored, and once drained the valves were turned to direct flow to the MWD intertie, taking the reservoir completely off-line.

Twenty "1" studs were replaced on the Parma Park AirVent structure. Coordination with the City of Santa Barbara Parks Department allowed COMB staff to access this structure with a tractor for the first time in fifteen years.

Sheffield Valve pit was cleaned and all piping was repainted.

Activities that occurred in the North Reach were:

Sixty-six bolts on the Hatch in the North Portal Gallery were replaced.

The annual gate exercise at the Intake Tower was performed.

The 1949 Generator at the North Portal was recovered and the building is being renovated for the Fisheries Division.

Staff activities included:

Francisco Bautista received 21 California Department of Public Health contact hours from attending the Water Opscert School.

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

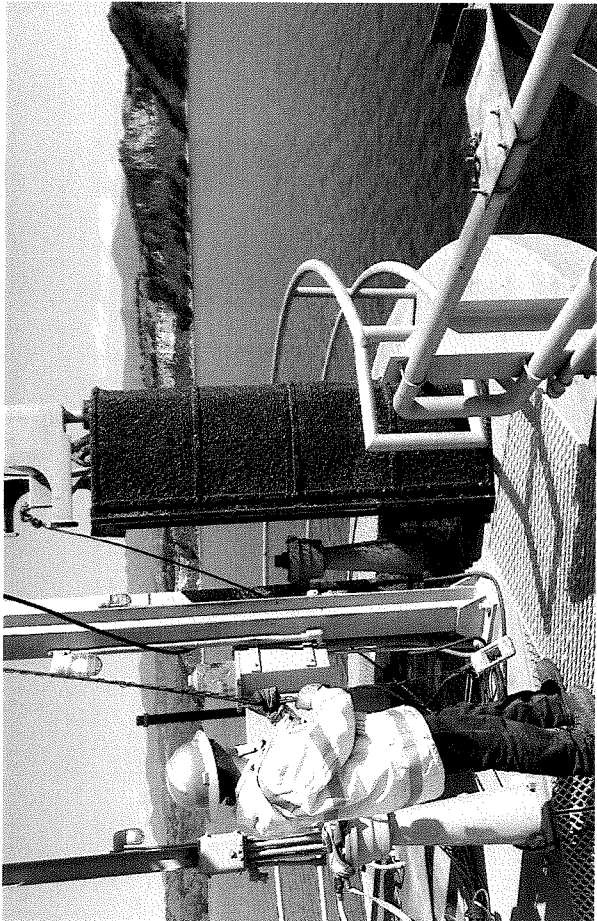
Water mitigation oak trees

Carpinteria/Ortega/Lauro weed abatement/spraying

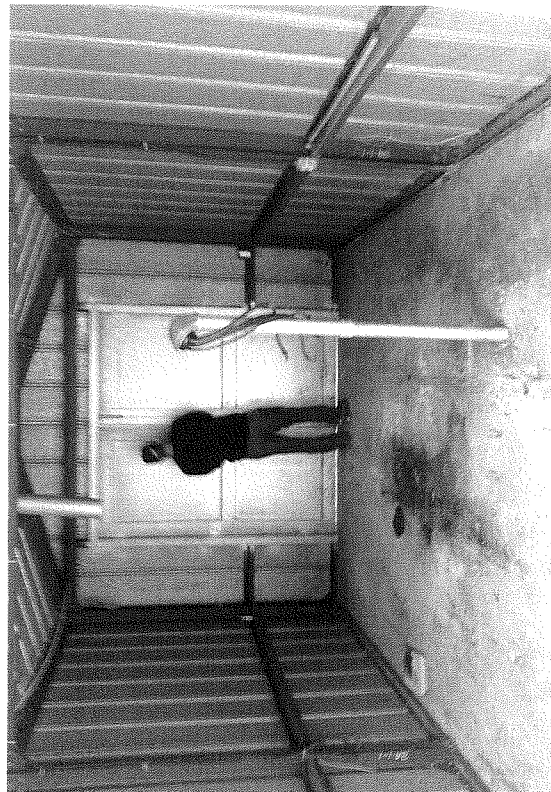
OPERATIONS-MARCH



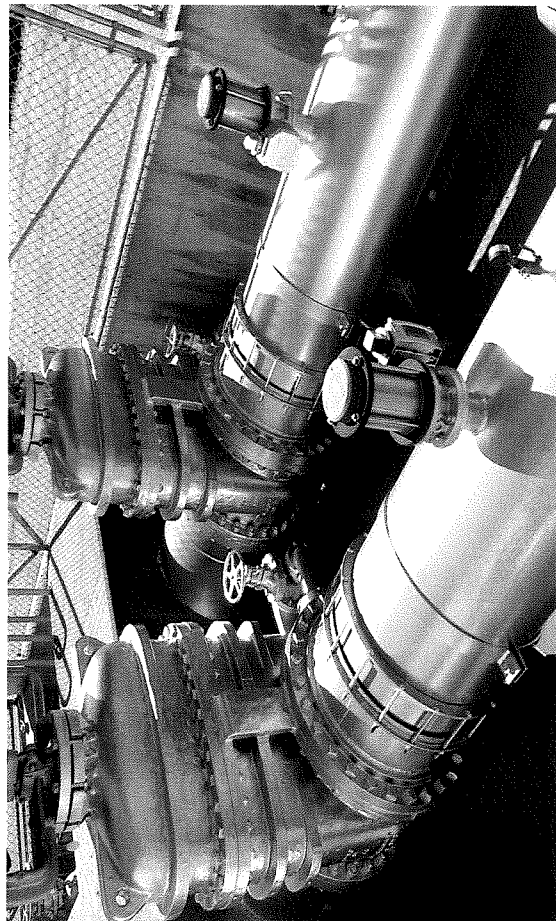
Replacing Bolts on Hatch at North Portal



Exercising Gate at North Portal



Rehabbing Old Generator Building



Sheffield Valve Pit Pipe Repainting

Oak Tree Survey at Lauro Reservoir

Results 8/19/10				
Cage #	# Trees	Height Cond.	Height Cond	Height Cond.
1	2	6"E	3"E	
2	1	5"E		
3	2	5"E	2"F+	
4	2	6"E	3"E	
5	4	1,2"	2"E	5'E
6	2	6"E	3"E	
7	1	1"E		
8	1	6"E		
9	3	3"E	3"E	3"E
10	1	6"G		
11	3	6"E	3"E	3"E
12	1	3"E		
13	0			
14	2	6"E	5"E	
15	2	6"E	2"E	
16	3	5"E	3"G	2"G+
17	1	3"E		
18	1	6"E		
19	2	7"E	4"E	
20	2	3"E	3"E	
21	2	6"E	3"E	
22	3	6"E	4"E	3"E
23	3	6"E	5"E	3"E
24	1	5"E		
25	1	2"E		
26	2	3"E	3"E	
27	2	5"E	3"E	
28	1	6"E		
29	2	8"E	7"E	
30	2	7"E	6"E	
31	3	6"E	5"E	3"E
32	3	6"E	6"E	5"E
33	2	5"E	4"E	
34	2	6"E	6"E	
35	2	5"G	3"G	
36	3	3"E	2"E	2"E
37	2	8"E	3'E	
38	1	5"E		
39	1	8"E		
40	3	6"E	3"E	3"E
41	1	8"E		
42	1	6"E		

Results 12/29/10				
Cage #	# Trees	Height Cond.	Height Cond	Height Cond.
1	2	12"E	5"E	
2	1	12"E		
3	2	7"E	4"E	
4	2	12"E	5"E	
5	4	6",4"	4",3"	ALL E
6	2	6"E	4"E	
7	1	2"E		
8	1	6"E		
9	3	5"E	5"E	5"E
10	1	6"E		
11	3	12"E	3"E	3"E
12	1	3"		
13	0			
14	2	5"E	6"E	
15	2	6"E	2"E	
16	3	5"F	3"F	2"F
17	1	3"G		
18	1	6"E	3"E	
19	2	7"E	5"E	
20	2	3"E	3"E	
21	2	5"E	4"E	
22	3	6"E	4"E	3"E
23	3	11"E	7"E	5"E
24	1	5"E		
25	1	3"E		
26	2	2"F	2"E	
27	2	7"E	3"E	
28	1	9"E		
29	2	13"E	12"E	
30	2	4"G	4"G	GOPHER
31	3	6"E	5"E	3"E
32	3	9"E	7"E	7"E
33	2	4"G	4"G	
34	2	5"G	5"G	
35	2	4"F	2"F	
36	3	3"G	3"G	
37	2	6"G	4"G	
38	1	3"E		
39	1	8"E		
40	3	5"F	3"F	3"F
41	1	5"E		
42	1	7"E		

Oak Tree Survey at Lauro Reservoir

43	2	4"E	4"E	
44	2	6"E	4"E	
45	1	8"E		
46	1	5"E		
47	1	9"E		
48	3	3"E	5"E	6"E
49	2	4"E	5"E	
50	1	7"E		
51	1	3"E		
52	2	6"E	6"E	
53	2	1"E	5"E	
54	1	5"E		
55	2	5"E	4"E	
56	1	2"E		
57	1	3"E		
58	1	7"G+		
59	3	4"E	3"E	3"G
60	0			
61	3	4"E	3"E	1"G
62	2	7"E	3"E	
63	3	6"E	5"E	3"E
64	2	4"E	4"E	
65	3	8"E	6"E	5"E
66	3	6"E	6"E	5"E
67	2	6"E	4"E	
68	0			
69	3	6"E	4"E	4"E
70	2	5"E	4"E	
71	2	4"E	4"E	
72	3	4"E	4"E	2"G
73	2	5"E	3"E	
74	1	8"E		
75	2	5"E	3"E	
76	3	8"	8"E	6"E
77	3	6"E	5"E	2"E
78	2	2"E	3"E	
79	2	7"E	3"E	
80	3	8"E	8"E	8"E
81	2	6"E	3"G	
82	4	5",6"	3"E	2"G
83	3	9"E	8"E	6"E
84	3	7"E	6"E	6"E
85	3	10"E	9"E	7"E
86	1	1"G		
87	3	6"E	5"E	3"E
88	2	4"E	4"E	
89	0			

43	2	3"G	3"F	
44	2	5"E	5"E	
45	1	9"E		
46	1	4"G		
47	1	20"E		
48	3	5"E	3"E	2"E
49	2	6"E	5"E	
50	1	7"E		
51	1	2"E		
52	2	6"G	5"G	
53	2	4"G	4"G	
54	1	4"E		
55	2	5"E	4"E	
56	1	5"E		
57	1	4"E		
58	1	5"F		
59	3	4"F	3"G	3"G
60	0			
61	3	3"E	2"E	
62	2	7"E	2"E	
63	3	6"E	5"E	3"E
64	2	4"G	4"F	
65	3	7"G	5"F	4"F
66	3	4"F	4"F	3"F
67	2	5"E	2"E	
68	0			
69	3	6"E	5"E	4"E
70	2	15"E	4"E	
71	2	3"E	3"E	
72	3	7"E	6"E	2"E
73	2	15"E	5"E	
74	1	7"G		
75	2	7"E	4"E	
76	3			
77	3	7"E	5"E	
78	2	3"E	2"E	
79	1	1 DEAD	3"E	
80	3	12"E	9"E	6"E
81	2	12"E	3"E	
82	4	5",3"	3",2"	ALL E
83	3	15"E	11"E	6"E
84	3	8"G	6"G	5"G
85	3	17"E	15"E	7"E
86	0			
87	3	6"E	6"E	4"E
88	2	3"E	3"E	
89	0			

Oak Tree Survey at Lauro Reservoir

90	2	5"E	3"E	
91	2	5"E	1"G	
92	3	10"E	7"E	4"E
93	1	4"E		
94	2	6"E	3"E	
95	1	7"E		
96	3	7"E	6"E	2"E
97	1	4"E		
98	?			
99	2	3"E	6"E	
100	2	2"E	5"E	

90	2	5"E	3"E	
91	2	5"G		
92	3	10"E	7"E	3"E
93	1	4"E		
94	2	3"G	2"G	
95	1	6"E		
96	3	5"E	5"E	2"E
97	1	3"G		
98	1	3"G		
99	2	7"E	1"E	
100	2	4"E	2"E	

CONTAINER PLANTS

6/1/2011 (Initial Planting)			
CAGE #		HEIGHT	COND.
1		23"	
2		13"	
3		20"	
4		15"	
5		14"	
6		11"	
7		19"	
8		14"	
9		13"	
10		19"	
11		16"	
12		14"	
13		20"	
14		20"	
15		16"	
16		20"	
17		21"	
18		15"	
19		15"	
20		22"	
21		13"	
22		11"	
23		15"	
24		14"	
25		19"	

Oak Tree Survey at Lauro Reservoir

Results 9/8/11				
Cage #	# Trees	Height Cond.	Height Cond	Height Cond.
1	2	24"	5"	
2	1	2'9"		
3	2	2'7"	1'4"	
4	2	2'5"	1'1"	
5	4	17"	26"	7",4"
6	2	10"	6"	
7	1	4"		
8	1	12"		
9	3	4"	24"	16"
10	1	6"		
11	3	12"	9"	
12	1	27"		
13	0			
14	2	22"	1'6"	
15	2	7"	3"	
16	3	8"	9"	3"
17	1	4"		
18	1	15"	4"	
19	2	18"	12"	
20	2	7"	4"	
21	2	19"	8"	
22	3	8"	9"	1"
23	3	9"	15"	23"
24	1	6"		
25	1	4"		
26	1	12"	0	
27	2	24"	3"	
28	1	30"		
29	2	36"	22"	
30	2	8"	7"	
31	3	24"	26"	16"
32	3	20"	15"	16"
33	2	5"	5"	
34	2	6"	6"	
35	2	5"	2"	
36	3	3"	3"	3"
37	2	6"	4"	
38	1	16"		
39	1	25"		
40	3	5"	3"	3"
41	1	6"		
42	1	12"		E+

Results 3/20/12				
Cage #	# Trees	Height Cond.	Height Cond	Height Cond.
1	2	29"E	8"E	
2	1	65"E		
3	2	25"E	19"E	
4	2	37"E	26"E	
5	4	32"5"	31"30"	ALL'E
6	2	21"E	12"E	
7	1	4"E		
8	1	15"E		
9	2	14"E	36"E	
10	1	6"F-		
11	2	14"E	12"E	
12	2	45"E	5"E	
13	0			
14	2	32"E	38"E	
15	2	9"F	3"F	
16	2	38"E	39"E	
17	1	3"G		
18	3	6"E	8"E	23"E
19	2	27"E	21"E	
20	3	11"E	5"E	16"E
21	2	28"E	13"E	
22	3	22"E	12"E	13"E
23	3	27"E	15"E	16"E
24	1	5"E		
25	1	3"E		
26	2	11"E	2"E	
27	2	29"E	25"E	
28	1	35"E		
29	2	41"E	34"E	
30	2	14"E	13"E	
31	3	40"E	20"E	37"E
32	3	30"E	29"E	32"E
33	2	7"E	6"E	
34	2	7"E	5"E	
35	2	3"D	2"F	
36	3	2"D	2"D	2"F
37	2	6"D	2"F	
38	1	23"E		
39	1	32"E		
40	3	5"F	3"E	3"F
41	1	6"D		
42	2	16"E	12"E	

Oak Tree Survey at Lauro Reservoir

43	2	5"	5"	
44	2	7"	6"	
45	1	21"		
46	1	5"		
47	1	30"		
48	3	6"	3"	6"
49	2	12"	18"	
50	1	21"		
51	1	2"		
52	2	6"	5"	
53	2	5"		
54	1	4"	4"	
55	2	5"	4"	
56	1	7"		
57	1	16"		
58	1	18"		
59	3	5"	3"	3"
60	0			
61	3	3"	3"	
62	2	16"	5"	
63	3	10"	9"	8"
64	2	4"	4"	
65	3	8"	7"	6"
66	3	7"	5"	4"
67	2	9"		
68	0			
69	3	21"	7"	16"
70	2	70"		
71	2	3"	2"	
72	3	5"	16"	19"
73	2	48"	20"	
74	1	8"	G+	
75	2	2'9"	1'6"	
76	3	42"	14"	(W)10"
77	3	9"	22"	
78	2	16"	8"	
79	1	10"	4"	
80	3	28"	24"	27"
81	2	20"	19"	
82	4	6",3"	5",2"	
83	3	36"	12"	14"
84	3	9"	8"	
85	3	2'6"	2'4"	5"DYING
86	0			
87	3	1'4"	5"	7"
88	2	5"	3"	
89	0			

43	2	3"D	2"D	
44	2	10"E	6"E	
45	1	25"E		
46	1	6"E		
47	1	30"E		
48	3	13"E	13"E	6"E
49	2	21"E	20"E	
50	1	27"E		
51	1	3"F		
52	2	6"E	6"F	
53	2	4"D	4"G	
54	1	4"E	5"F	
55	2	4"F	3"F	
56	1	5"F		
57	1	25"E		
58	1	29"E		
59	3	4"F	3"D	3"G
60	0			
61	2	3"E	2"G	
62	2	18"E	2"E	
63	3	18"E	13"E	9"E
64	2	3"F	4"G	
65	3	12"E	10"E	7"E
66	3	6"F-	8"E	3"E
67	1	14"E		
68	0			
69	3	24"E	22"E	10"E
70	2	69"E	4"E	
71	2	9"E	5"E	
72	3	23"E	22"E	5"E
73	3	45"E	24"E	4"E
74	1	9"E		
75	2	40"E	24"E	
76	3	34"E	40"E	4"E
77	3	31"E	11"E	
78	2	22"E	10"E	
79	2	13"E	7"E	
80	3	31"E	30"E	25"E
81	2	37"E	25"	
82	4	5"E,4"D	4"F,2"D	
83	3	34"E	17"E	13"E
84	3	26"E	1"E	2"F
85	3	31"E	29"E	23"E
86	0			
87	3	18"E	11"E	6"E
88	2	4"F	2"F	
89	0			

Oak Tree Survey at Lauro Reservoir

90	2	7"	5"	
91	2	5"	(F)	
92	3	7"	5"	2"
93	1	4"		
94	2	3"		
95	1			
96	3	1'2"	9"	1"
97	1	8"E		
98	2	6"	8"	
99	2	16"	5"	
100	2	6"	4"	

90	2	7"E	6"G	
91	1	4"F		
92	3	8"E	6"F	4"E
93	1	3"F		
94	1	1"D		
95	3	8"E	8"F	3"E
96	3	20"E	13"E	5"E
97	1	8"E		
98	?			
99	2	E	6"E	
100	2	6"	4"E	

Results 9/8/11			
CAGE #		HEIGHT	COND.
1		2'3"	E+ Width
2		15"	E+ Width
3		20"	E+
4		28"	E+
5		18"	E+
6		12"	E
7		23"	
8		26"	E+
9		33"	E+
10		31"	E+
11		18"	E+
12		17"	E+
13		38"	E+
14		22"	E+
15		22"	E+
16		29"	E+
17		25"	E+
18		27"	E+
19		39"	E+
20		39"	E+
21		18"	E+
22		44"	E+
23		34"	E+
24		32"	E+
25		54"	E+

Results 3/20/11			
CAGE #		HEIGHT	COND.
1		25"	G
2		18"	E
3		24"	E
4		36"	G
5		22"	G
6		13"	G
7		25"	G
8		35"	E
9		43"	E
10		36"	E
11		23"	G
12		16"	G
13		52"	E
14		27"	E
15		33"	E
16		28"	F
17		26"	E
18		31"	E
19		42"	E
20		78"	E
21		22"	E
22		82"	E
23		54"	E
24		36"	E
25		62"	E

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: March 26, 2012
TO: Board of Directors
FROM: Tim Robinson, Sr. Resource Scientist
Bruce Mowry, General Manager
RE: February 2012 LOWER SANTA YNEZ RIVER FISHERIES 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 February 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 February 1, 2012. The monitoring program was modified to stay within the take limits as established in the 2000 Cachuma Project Biological Opinion (see attached revised monitoring program description submitted by Reclamation to NMFS on 2/2/12). 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 February through May. The second 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: 2 in Hilton Creek and 3 in El Jaro Creek. No redds were observed in Quiota Creek or 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. We were not successful with the US Fish and Wildlife Service grant but the California Wildlife Conservation Board (WCB) grant appears to be moving forward (see separate memo for further detail). We will know the results of the WCB grant competition by the end of May. 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, staff will apply for all of the necessary permits as currently we have only applied for a County Encroachment Permit. A NOAA American Rivers grant was recently submitted for part of the funding and staff will be submitting a CDFG Restoration grant at the end March 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 on 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.

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.

Table 1: Summary of the surcharge water accounting.

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	5,129	113
Total:	8,942	5,129	3,813

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

** Values as of 2/29/12

*** 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 has been working with CCRB and ID #1 regarding materials needed for the State Water Board hearing coming up at the end of March. Staff also has been working on the WY2010 and WY2011 Annual Monitoring Reports (AMR). The WY2010 AMR will be out to the Science Review Team by the end of March, 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 Creek watershed regarding future fish passage projects and cattle exclusion fencing at certain project sites to help with site revegetation. The Senior Resources Scientist gave a talk for the GIS and Geospatial Science Across the Disciplines Seminar Series at California State University, Channel Islands; a copy of the talk is available upon request. Staff also attended the Tri-County FISH Team meeting pm 3/6/12; future meetings have been tentatively scheduled for 4/24/12, 7/25/12 and 12/6/12.

Consultant Activity Summary (February):

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)

FEB 02 2012

RECEIVED

FEB 06 2012

CACHUMA O&M BOARD

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

Subject: Modification of Fish Trapping for Cachuma Project in 2012

Dear Mr. McInnis:

Steelhead (*Onchorhynchus mykiss*) monitoring is required under the Terms and Conditions of the September 8, 2000, Biological Opinion (BO) to the Bureau of Reclamation (Reclamation), entitled, "*Biological Opinion U.S. Bureau of Reclamation Operation and Maintenance of the Cachuma Project on the Santa Ynez River in Santa Barbara County, California*" (Cachuma BO). As required, Reclamation has conducted fish trapping on the Lower Santa Ynez River (LSYR) system. The BO's Incidental Take Statement (ITS) defined a take limit of 110 juvenile and 150 adult steelhead per season.

Since 2000 there have been several passage improvements and flow augmentations which have likely enhanced breeding and productivity, and the trend for the number of fish captured, especially juveniles, has steadily increased. Reclamation is currently in re-consultation on the Cachuma Project but, until the new BO is completed and a new ITS is issued, there is a need to modify the monitoring plan to remain under the take limits. Reclamation and representatives of the Cachuma Operations and Maintenance Board (COMB), Cachuma Conservation Reserve Board (CCRB), and Lower Santa Ynez River Conservation District #1 met with the National Marine Fisheries Service (NMFS) in August 2011. At that meeting, NMFS requested a plan proposing modifications to the trapping program be drafted by Reclamation to ensure that take above limits set in the ITS would be avoided. On December 7, 2011, Reclamation provided a document to NMFS presenting potential planned modifications to the trapping program. NMFS responded by letter on December 21, 2011, informing Reclamation that any of the options or combination of options presented was a logical approach to remain within the take limits defined in the BO. Based on the tenor of dialogue from the August 2011 meeting, Reclamation anticipated greater input from NMFS on the various options and requested further discussions.

Upon Reclamation's request, NMFS participated in a conference call on January 13, 2012 to provide additional scientific input. Biological staff from NMFS (Darren Brumback), COMB (Tim Robinson; Scott Volan), Reclamation (Ned Gruenhagen, David E. Hyatt), and Cardno ENTRIX consultants (Jean Baldrige, Joel Mulder), along with representatives from the Lower Santa Ynez River Irrigation District No. 1 and the CCRB participated in the call.

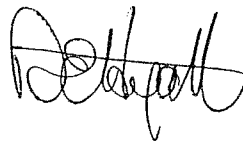
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NMFS and the participants of the conference call provided input on the options previously identified as well as a summary that had been prepared for the meeting. The results of the discussions made it necessary for Tim Robinson to further develop an optimized trapping plan from a hybrid of the options previously identified. Tim Robinson used existing trapping data from 2006 through 2011 to develop the current hybrid approach, which is expected to enable Reclamation conduct monitoring activities remain within ITS limits, and provide valuable data.

Reclamation has enclosed a summary of the modified trapping activities to be enacted. . Reclamation appreciates the input from NMFS staff on the modified 2012 Monitoring Plan and looks forward to ongoing consultation on the Cachuma Project.

If you have any questions regarding the modified plan, please contact Ned Gruenhagen at 559-487-5227 or via electronic mail at ngruenhagen@usbr.gov.

Sincerely,



David E. Hyatt
Supervising Biologist

Enclosures

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

✓ Mr. Tim Robinson
Senior Biologist
Cachuma Operation and Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105

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

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**Water Year 2012 Steelhead (*Onchorhynchus mykiss*) Fish Monitoring Plan Conducted
Under the 2000 Cachuma BO Terms and Conditions Modified to Avoid Exceeding
Incidental Take Statement Take Limitations due to Trapping**

Analyses were conducted to design a procedure for the Trapping Program for Water Year (WY) 2012. The need and primary objective for modifying the 2012 Trapping Program is to stay within the Incidental Take Statement (ITS) limits for steelhead (*O. mykiss*) juveniles (110) and adults (150). Secondly, within these constraints, an objective for the trapping is to obtain the most valuable amount of migration data possible.

The evaluation was an involved process. Tim Robinson of the Cachuma Operations and Maintenance Board (COMB) examined data collected after the Hilton Creek (HC) Fish Passage Project was completed (December 2005). This was done because the number of individuals capture increased after the HC project was completed. The dataset examined included data from 2006-2011.

The modified monitoring procedure to be followed is outlined below. Objectives for the trapping program are summarized in parentheses.

- Start trapping in early February after a January storm > 0.75 inches (hydrologic trigger for wetted watershed): The storm criterion was met on January 21 and 22, 2012.
- Install the mainstem trap (to capture upstream-US and downstream-DS moving *O. mykiss*) on 2/1/12. The maintstem trap is expected to primarily capture anadromous adults, (generally in low numbers and will provide a proxy as a HC DS indicator).
- Install the two tributary US traps; one at HC and one at Salsipuedes Creek (SC) on 2/1/12 (these traps are expected to capture primarily anadromous adults). Based upon previous years data there is no need for hydrological trigger, as reaching the adult take limit has rarely been exceeded.

- Install the DS tributary traps on or before 3/10/12, but preferably following a storm between February 25th and 3/10/12. Monitoring would be conducted for a period of 7 days unless there is a Passage Supplementation event, in which case monitoring would be extended up to 14 days as the program suggests. This would be done to be able to relate supplementation with measured concurrent DS movement of captured smolt and juvenile fish, thereby measuring benefits of supplementation flows.
- Daily summaries of numbers of juvenile and adult *O. mykiss* taken will be provided to Reclamation. Up to date compilations will be available to track take in relation to ITS limits. The current seasonal quantity of take, near term conditions, trends in recent take, and other factors such as the traps in place, and orientation(s) of set traps (i.e. US/DS), will be considered along with historical information, to monitor and adjust sampling downward to ensure that take exceeding ITS limits is avoided. This adaptive modification would allow the monitoring plan to proceed and remain under the ITS limits, barring exceptional unforeseen circumstances that are outside past experience and reasonable expectation based on previous and ongoing trapping efforts.
- Upon reaching 80% of the juvenile take limit the tributary DS traps would be removed (anadromous adult capture). The removal of the DS trap restricts capture primarily to anadromous adults moving US; most juveniles are captured in tributary traps DS.
- Upon reaching 90% of the take limits (juvenile and/or adult), remove the tributary traps (leaving room to implement the Passage Supplementation Program monitoring at the mainstem trap).
- Cease all trapping if the take limit is reached, or if take levels are sufficiently close to their limits. At this point continuing trapping could potentially exceed the take limit.

Running the above method through the annual datasets showed good results for the objectives. As indicated, the program will start on 2/1/12 and run until we reach the ITS limits or until sampling cannot be conducted without a reasonable expectation that exceeding take limits might occur. As noted, the number of daily captures would be made available to be able to track closely the take.

**CACHUMA OPERATION AND MAINTENANCE BOARD
METERED USE REPORT FOR FEBRUARY 2012**

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter		189.42	18+62	G. WEST #1	0.00
Less 2% system losses		(3.79)	18+62	G. WEST #2	25.13
			78+00	Corona Del Mar FILTER Plant	810.39
			122+20	STOW RANCH	0.01
				Bishop Ranch (Wynmark)	(100.00)
				SWP CREDIT	0.00
				Morehart Land (SWP)	0.00
				Raytheon (SWP)	0.00
				La Cumbre (SWP)	0.00
			TOTAL		735.53
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	57.60
			386+65	MWD YARD	95.72
			487+07	VALLEY CLUB	0.26
			499+65	E. VALLEY-ROMERO PUMP	74.33
			599+27	TORO CANYON	3.52
			510+95	ORTEGA CONTROL	12.43
			510+95	MWD PUMP (SWD)	11.35
			526+43	ASEGRA RD	0.13
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.30
				SWP CREDIT	0.00
				SWP CREDIT - CVWD	0.00
			TOTAL		255.63
			CITY OF SANTA BARBARA		
			CATER	INFLOW	1,355.30
			"	SO. FLOW	(546.83)
			Gibraltar	PENSTOCK	(48.27)
			Sheffield	SHEF.LIFT	100.01
				STANWOOD MTR TO SCC-credit	0.00
				SWP CREDIT	0.00
				La Cumbre Mutual (SWP) transfer	(15.00)
			TOTAL		845.21
			S. Y. RIVER WTR CON DIST., ID#1		
			COUNTY PARK, ETC		
			TOTAL		1.72
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WTR DELIVERED TO LAKE		15.00
			STATE WATER TO SOUTH COAST (including froi		15.00
			BISHOP RANCH DIVERSION		100.00
			METERED DIVERSION		2,023.72
			STATE WTR CRD 0.00		
TOTAL		185.63			
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 FEBRUARY 2012 AND THE WATER YEAR TO DATE**

(All in rounded Acre Feet)

	MONTH					YTD
	TOTAL					TOTAL
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)				2,193		8,027
Tecolote Tunnel Infiltration				262		628
Glen Anne Reservoir				0		0
Cachuma Lake (County Park)				4		18
State Water Diversion Credit				19		92
Gibraltar Diversion Credit				0		0
Bishop Ranch Diversion				0		0
Meter Reads				2,314		8,288
So. Coast Storage gain/(loss)				15		(58)
Total Production				2,459		8,673
Total Deliveries				2,349		8,322
Unaccounted-for				110		351
% Unaccounted-for				4.46%		4.04%
	GWD	SB CITY	MWD	CVWD	SYRWCD	TOTAL
					I.D. #1	
WATER USE:						
M&I	612	845	218	93	2	1,770
Agricultural	124		38	92		254
TOTAL FOR MONTH	736	845	256	186	2	2,024
Same Mo/prev. yr	680	588	0	54	4	1,326
M&I Yr to date	3,381	3,969	917	619	20	8,906
Ag. Yr to date	726	0	127	537	0	1,390
TOTAL YTD	4,107	3,969	1,044	1,157	20	10,296
USAGE % YTD	34.7%	28.7%	25.9%	24.6%	0.8%	27.8%
Previous Year/YTD	3,614	3,613	471	818	26	8,542
Evaporation	0	10	2	4	0	16
Evaporation, YTD	20	75	17	26	0	138
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^	27	19	19	13	(78)	0
Transfers*/Adjustment***	0	0	0	0	0	0
Passthrough H2O**	0	0	0	0	0	0
TOTAL AVAILABLE	11,879	14,084	4,089	4,814	2,611	37,477
REMAINING BALANCE	7,752	10,040	3,028	3,631	2,591	27,043

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

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

GWD 0 AF(Morehart 0 AF); City of S.B. 0 AF; and LaCumbre 15 AF: (Ratheon 0 AF).

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

City of SB received 0 AF; and CVWD received 0 AF from ID#1 in FEBRUARY 2012.

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: February 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	347.50 Feet
Water in Storage	91.30 Acre Feet

LAURO RESERVOIR

Capacity at 549' elevation:	600 Acre Feet
Capacity at sill of intake at 512' elevation:	84.39 Acre Feet
Stage of Reservoir Elevation	543.90 Feet
Water in Storage	488.46 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	377.90 Feet
Water in Storage	30.03 Acre Feet

TOTAL STORAGE IN RESERVOIRS

	518.48 Acre Feet
--	------------------

Change in Storage	-18.92 Acre Feet
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CACHUMA RESERVOIR*

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

Stage of Reservoir Elevation	743.74 Feet
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Water in Storage	168,707 AF
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Area	2,784
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Evaporation	558.0 AF
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Inflow	455 AF
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Downstream Release WR8918	0 AF
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Fish Release	334.0 AF
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Spill/Seismic Release	0 AF
-----------------------	------

State Project Water	15 AF
---------------------	-------

Change in Storage	-2,378 AF
-------------------	-----------

Tecolote Diversion	2,056.6 AF
--------------------	------------

Rainfall: Month: 0.43 Season: 5.65 Percent of Normal: 38%

* 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 #I75R-1802

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

Contract Entity: Carpinteria Valley Water District
Last updated by C.O.M.B. 2/29/12

Month	Approved Schedule Current Year		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT		
	2813	1988		M & I	Agr	Total	Evap	Div	Total	M & I	Agr	Total
Oct			125	105	230	11	230	241	131	110	0	0
Nov			115	87	202	5	202	207	118	89	0	0
Dec			140	108	248	3	248	251	142	109	0	0
Jan			146	145	291	3	291	294	148	147	0	0
Feb			93	92	185	4	185	189	95	94	0	0
Mar												
Apr												
May												
Jun												
Jul												
Aug												
Sep												
Total	2813	1988	619	537	1,156							

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	Total	AG	Total	Total
Oct	0	0	0	0	1,988	1,061	928	1,013
Nov	0	0	0	0	0	0	0	5
Dec	0	0	0	0	0	0	0	8
Jan	0	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Begin Bal								
ID#1 Ex+5								
ID#1 Ex+8								
Total	0	0	0	0	1,988	1,061	928	1,800
Total								2,813

Month	REMAINING BALANCES		SCHEDULE AND REVISIONS	
	Total	AG	Total	AG
Oct	1747	930	1018	1800
Nov	1540	812	1026	1800
Dec	1288	670	1026	1800
Jan	994	522	1026	1800
Feb	805	427	1026	1800
Mar				
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total	1747	930	1018	1800
Total				2813

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TOTAL 3,631

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

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

Contract Entity: **Goleta Water District**
 Last updated by C.O.M.B. 2/29/12

Month	Approved Schedule		Evap	WATER USED CHARGED TO CARRYOVER BALANCES		WATER USED CHARGED TO CURRENT ENTITLEMENT		
	Current Year	Carryover Previous Year		Acre-feet		Acre-feet		
	9322	2530		Div	Total	M & I	AGR	
Oct			14	1,011	825	201	0	0
Nov			4	758	626	137	0	0
Dec			2	712	632	82	0	0
Jan			0	28	22	6	681	180
Feb			0	0	0	0	612	124
Mar								
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Total								

Month	STORAGE WATER		CONVERSIONS		SCHEDULES AND REVISIONS	
	M & I	AGR	Current Schedule	Current Schedule	M & I	AGR
	0	0	M & I	AGR	M & I	AGR
Oct	0	0	0	0	6,862	2,460
Nov	0	0	0	0	10	10
Dec	279	-279	0	0	17	17
Jan	22	-22	0	0	0	0
Feb	-1	1	0	0	0	0
Mar			0	0	0	0
Apr			0	0	0	0
May			0	0	0	0
Jun			0	0	0	0
Jul			0	0	0	0
Aug			0	0	0	0
Sep			0	0	0	0
Total						

Month	REMAINING BALANCES	
	M & I	AGR
	Total	Total
Oct	1505	525
Nov	742	388
Dec	28	27
Jan	0	-1
Feb	0	0
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total		

TOTAL 7,752

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. 2/29/12

Month	Approved Schedule		Carryover Previous Year	WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT		
	Current Year	2651		1419	Evap	Div	Total	M & I	Agr	Total
Oct				8	262	270	259	11	0	0
Nov				3	124	127	116	11	0	0
Dec				2	180	182	151	31	0	0
Jan				2	222	224	188	36	0	0
Feb				2	256	258	220	38	0	0
Mar										
Apr										
May										
Jun										
Jul										
Aug										
Sep										
Total		2651	1419							

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

Month	REMAINING BALANCES		REMAINING BALANCES	
	M & I	Agr	M & I	Agr
Oct	1149	1128	2393	265
Nov	1022	1012	2405	265
Dec	840	840	2405	265
Jan	616	616	2405	265
Feb	357	358	2405	265
Mar				
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total				

TOTAL 3,027

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. 2/29/12.

Month	Approved Schedule		Carryover Previous Year	TOTAL WATER USED			WATER USE CHARGED TO CARRYOVER BALANCES			WATER USE CHARGED TO CURRENT ENTITLEMENT		
	Current Year	8277		5788	M & I	Agr	Total	Evap	Div	Total	M & I	Agr
Oct				853	0	853	33	853	886	0	886	0
Nov				786	0	786	14	786	800	0	800	0
Dec				576	0	576	9	576	585	0	585	0
Jan				909	0	909	9	909	918	0	918	0
Feb				845	0	845	10	845	855	0	855	0
Mar				0	0	0						
Apr				0	0	0						
May				0	0	0						
Jun				0	0	0						
Jul				0	0	0						
Aug				0	0	0						
Sep				0	0	0						
Total		8277	5788	3,969	0	3,969						

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

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

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TOTAL 10,039

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

Contract Entity: Santa Ynez River Water Conservation District, ID#1
Last updated by C.O.M.B. 2/29/12

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

Month	APPROVED SCHEDULE		STORAGE		TOTAL WATER USED			WATER USE CHARGED TO CARRYOVER BALANCES			WATER USE CHARGED TO CURRENT ENTITLEMENT		
	Current Year	Previous Year	Current Year	Previous Year	M & I	Agr	Total	Evap	Div	Total	M & I	Agr	Total
Oct	2651	38	0	0	7	0	7	0	0	7	0	0	0
Nov			4	4	4	0	4	4	4	4	0	0	0
Dec			3	3	3	0	3	0	0	3	0	0	0
Jan			4	4	4	0	4	0	0	4	0	0	0
Feb			2	2	2	0	2	0	0	2	0	0	0
Mar													
Apr													
May													
Jun													
Jul													
Aug													
Sep													
Total	2651	38	19	0	19	0	19	0	0	0	0	0	0

CONVERSIONS
CURRENT SCHEDULE

Month	M & I	Agr	Total
Oct	0	0	0
Nov	0	0	0
Dec	0	0	0
Jan	0	0	0
Feb	0	0	0
Mar	0	0	0
Apr	0	0	0
May	0	0	0
Jun	0	0	0
Jul	0	0	0
Aug	0	0	0
Sep	0	0	0
Begin Bal	38	28	10
Ex cvwd-5/gwd-10/city-7/mwd-7	0	0	0
Ex cvwd-8/gwd-17/city-12/mwd-12	(29)	(49)	865
Total	9	(21)	1,786
Begin Bal	2,651	(29)	(49)

COUNTY PARKS

Month	A.F. Used	M & I	Agr	Total
Oct	7.34	21	10	31
Nov	3.84	17	10	27
Dec	3.14	14	10	23
Jan	3.58	10	10	20
Feb	1.72	8	10	18
Mar				
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total	26.22	865	1757	2622
Begin Bal	2573	816	1757	2573
Total	(49)	816	1757	2573

REMAINING BALANCES

TOTAL 2,591

*NOTE:

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

Contract Entity: Santa Barbara Co. Water Agency
 Last updated by C.O.M.B. 2/29/12

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	Agr	Total	Evap	Div	Total	Allocation	M & I	Agr	Total
Oct	25714	11763	6.48%	2,049	314	2,363	67	2,363	2,430	2,108	322	0	0
Nov			5.07%	1,640	234	1,874	27	1,874	1,901	1,664	237	0	0
Dec			4.63%	1,499	220	1,719	16	1,719	1,735	1,513	222	0	0
Jan			6.22%	1,948	367	2,315	15	1,454	1,469	1,280	189	681	180
Feb			5.44%	1,770	254	2,024	16	1,288	1,304	1,172	132	612	124
Mar				0	0	0							
Apr				0	0	0							
May				0	0	0							
Jun				0	0	0							
Jul				0	0	0							
Aug				0	0	0							
Sep				0	0	0							
Total	25714	11763		8,905	1,389	10,295							

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	0	0	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								
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Total	11,763	11,763	10,068	1,696	19,403	6,311	25,714	0

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

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TOTAL 27,041

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

MONTH	DELVRD TO LAKE	CVWD		Transf to MW	MWD		Evap/Spill	Delvd to SC		Delvd S.B. to Lake	GWD		LCMWC		RSYS		MLC		
		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	509	0	0	0	382	277	0	105	0	0	0	0	0	0	0	0	0	0	0
Feb	227	0	0	0	118	5	113	0	0	0	0	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	282	0	0	0	0	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sept	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1013	0	0	0	500	0	218	0	0	0	0	0	0	469	0	521	0	44	0

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

MONTH	DELVRD TO LAKE	CVWD		Transf to MW	MWD		Evap/Spill	Delvd to SC		Delvd S.B. to Lake	GWD		LCMWC		RSYS		MLC		
		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sept	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	35	0	0	0	0	0	0	0	0	0	0	0	0	35	0	35	0	0	0

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

MARCH 2012

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: March 20, 2012

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	CCWA INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.				EVAP		PRECIP INCHES	
		ACRE-FEET IN LAKE	CHANGE				TUNNEL	HILTON CREEK	OUTLET	SPILLWAY	AF.	INCH		
1	743.74	168,707												
1	743.70	168,596	-111	-16.6	0.0	4.6	87.5	11.5	.0	.0	.0	.000	.02	
2	743.66	168,485	-111	19.5	0.0	.0	97.0	11.5	.0	.0	22.0	.125	.00	
3	743.63	168,402	-83	54.9	0.0	.0	105.0	11.4	.0	.0	21.5	.122	.00	
4	743.59	168,291	-111	12.9	0.0	.0	81.9	11.5	.0	.0	30.5	.173	.00	
5	743.55	168,180	-111	20.3	0.0	.0	83.2	11.5	.0	.0	36.6	.208	.00	
6	743.50	168,041	-139	-8.4	0.0	.0	92.7	11.5	.0	.0	26.4	.150	.00	
7	743.47	167,958	-83	55.0	0.0	.0	96.4	11.5	.0	.0	30.1	.171	.00	
8	743.42	167,819	-139	-5.8	0.0	.0	95.2	11.6	.0	.0	26.4	.150	.00	
9	743.38	167,708	-111	34.5	0.0	.0	101.3	11.4	.0	.0	32.8	.187	.00	
10	743.32	167,541	-167	-3.0	0.0	.0	114.2	11.5	.0	.0	38.3	.218	.00	
11	743.27	167,403	-138	8.0	0.0	.0	112.4	11.1	.0	.0	22.5	.128	.00	
12	743.24	167,319	-84	31.5	0.0	.0	77.7	11.5	.0	.0	26.3	.150	.00	
13	743.20	167,208	-111	25.6	0.0	.0	97.6	11.5	.0	.0	27.5	.157	.00	
14	743.17	167,125	-83	30.9	0.0	.0	76.5	11.5	.0	.0	25.9	.148	.00	
15	743.14	167,042	-83	25.1	0.0	.0	70.3	11.5	.0	.0	26.3	.150	.00	
16	743.11	166,958	-84	18.6	0.0	2.3	68.5	11.5	.0	.0	24.9	.142	.01	
17	743.26	167,375	+417	156.5	0.0	357.8	58.3	11.5	.0	.0	27.5	.157	1.55	
18	743.32	167,541	+166	61.7	0.0	168.6	39.3	11.5	.0	.0	13.5	.077	.73	
19	743.32	167,541	+0	57.2	0.0	16.2	52.8	11.5	.0	.0	9.1	.052	.07	
20	743.29	167,458	-83	16.1	14.1	.0	77.1	11.4	.0	.0	24.7	.141	.00	
TOTAL (AF)			-1,249	594.5	14.1	549.5	1,684.9	229.4	.0	.0	492.8	2.806	2.38	
(AVG)		167,700												

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.

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

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

Cachuma Lake Recreation Area Boat Launch Data -- FEBRUARY 2012		
Inspection Data		
Total Vessels entering Park	565	
Total Vessels launched	559	
Total Vessels Quarantined	6	1%
Returning with Boat Launch Tag	405	72%
Arriving new: Inspected, washed	111	20%
Kayak/Canoe: Inspected	43	8%
4-stroke engines	206	37%
2-strokes, w/CARB star ratings	148	26%
2-strokes, NO emissions ratings	162	29%

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 February 29, 2012.

Quarantine Data		
Total Vessels Quarantined	6	
Quarantined 7 days	0	
Quarantined 14 days	6	

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

Demographic Data		
Quarantined from infected county	2	
Quarantined from SB County	3	

CACHUMA LAKE QUAGGA SURVEY:

Summary: No Dreissenid mussels were detected
 Inspection site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time : 2012.02.16; 1000 – 1300 PDT
 Method: 14 PVC/Cement/Plastic Mesh Sampling Stations; 394 linear feet of line
 Surveyors: Liz Gaspar & host Chuck Scott (CSD), Carrie Culver, Heather Lahr, intern Alexa (Sea Grant).
 Lake Elevation: 744.17 from maximum of 753 feet

Zebra/Quagga Surface Survey Data

(Use Pencil Only)

Waterbody Cachuma Lake Reservoir

Date 02 / 16 / 12

Location 2225 Hwy 154, Santa Barbara County, SB County Parks

Crew C.Culver, L.Gaspar, H.Lahr, C.Scott

GPS 34.578333/119.956389

(Decimal Degrees, WSG 84)

Secchi Depth Various

Wave Chop no

Linear Feet of:

<p>Boat Ramp Bottom x </p> <p>(100ft at marina, 200ft at ramp only)</p>		<p>Shoreline x </p> <p>(100ft at marina, 200ft at ramp only)</p>
<p>Dock (200 ft) x </p>		<p>Concrete Structures (100 ft) x </p>
<p>Mooring Line (200 ft) x </p>		<p>Logs/Woody Debris (100 ft) x </p>
<p>Anchor/Dock Cable (100 ft) 394 </p>		<p>Other <u>See notes</u> </p>

% of Dock/Marina/Boat Ramp Searched N A

Zebra/Quagga Mussels Present? Y / N NO **Specimens Collected?** Y / N NO

Exact GPS Location
(if isolated occurrences):

Mussel Density (# of mussels):

Method
(circle one):

1									Ruler / Petri	
	Ruler Length (if < 12 inches)	_____	_____	_____	_____	_____	_____			
	Substrate Type									
2									Ruler / Petri	
	Ruler Length (if < 12 inches)	_____	_____	_____	_____	_____	_____			
	Substrate Type									
3									Ruler / Petri	
	Ruler Length (if < 12 inches)	_____	_____	_____	_____	_____	_____			
	Substrate Type									

Corbicula Clams Present? Y / N NO

Snails Present? Y / N YES

Other Mussel/Clam Species Present? Y / N NO

Specimens Collected? Y / N NO

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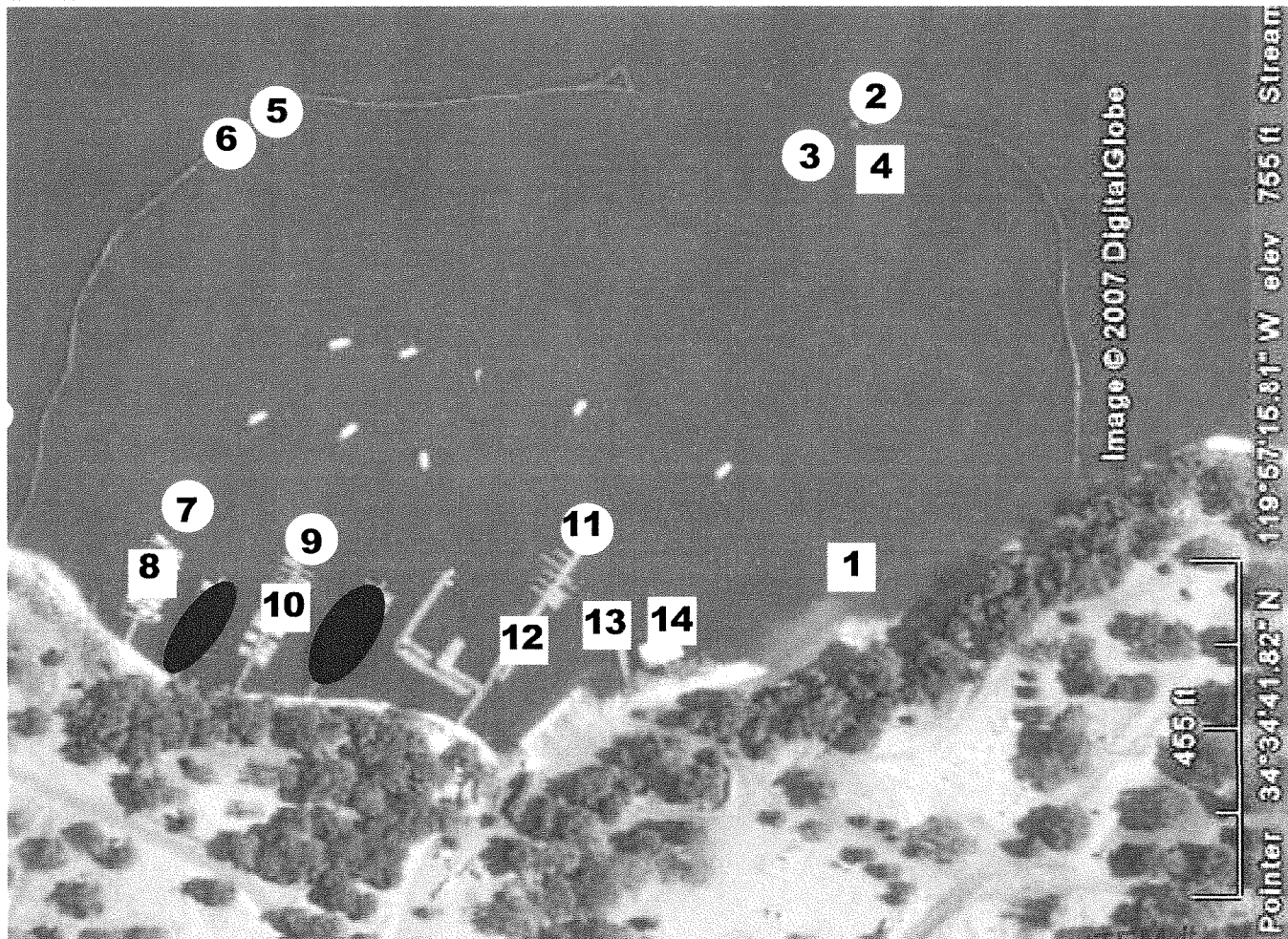
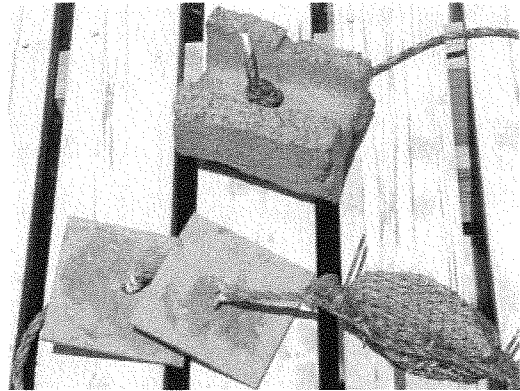
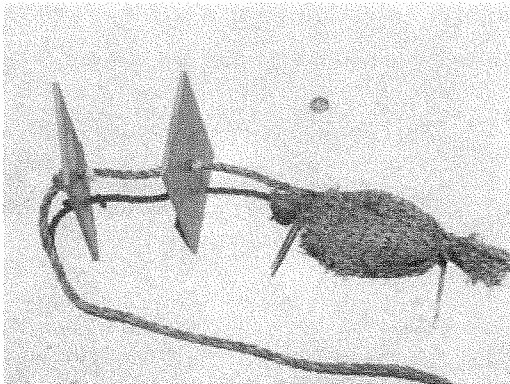


Cachuma Lake Marina Monthly Quagga Survey Map: Sampling stations and lines, docks, boat ramp, boathouse, logs

Fourteen survey station locations, as of May 2010

 = 4 meter long HORIZONTAL survey line with PVC plates and Tuffies @ .5 m depth

 = 12 meter VERTICAL survey line with PVC plates & Tuffies @ 6 m, and cement block @ 12 m depth



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Cachuma Lake Marina Monthly Quagga Survey: Sampling Station Details

Inspection Date: 2012.02.16
 Inspection Time: 10:00 - 13:00
 Lake Elevation from max 753 feet: 744.17

Surveyors: Liz Gaspar & Chuck Scott, Parks Division, Community Services Department; Carrie Culver, Heather Lahr, Alexa (intern) Sea Grant

Station #	Location/Description	Stn Type	Lake Depth Meters	Anchor/Line Depth Meters	Tuffy/Plate set Depth Meters	Secchi Depth & Temp Deg F @ 3 Meters	NOTES: Rock weight bags on all horizontal lines were collected and replaced with new bags. Tuffies were not collected per protocol in winter.	Mussels?	Stn #
Station 1	Boathouse, left middle ramp	Horizontal: 4 m line, 1 tuffy, 1 plate set	8'	.5 m	.5 m	3 m 55 F	Line, knots, plate sets checked. Samples: 1: casing that resembles rice grain Organisms: LINE: Algae, midge, "rice grain" casing (RGC) PLATES: Algae, hydra midge, physella snail, RGC	No	Stn 1
Station 2	Logboom platform at entrance, south east corner.	Vertical: Anchor, Tuffy, plates	30'	12 m	6 m	2.6m 54 F	Line, knots, plate sets, block checked. Samples: 0 Downloaded temp/light data from 3 loggers at 10', 20', 30' Organisms: LINE: Algae, bryozoan PLATES: Algae BLOCK: Bryozoan, sponge	No	Stn 2
Station 3	Logboom platform at entrance, north west corner	Vertical: Anchor, Tuffy, plate set	125'	12 m	6 m	2.6m 54 F	Line, knots, plate sets, block checked. Samples: 0 Organisms: LINE: Algae, sponge PLATES: Algae BLOCK: Bryozoan	No	Stn 3
Station 4	Logboom platform at entrance, under platform.	Horizontal: 4 m line, 1 tuffy, 1 plate set	125'	.5 m	.5 m	2.6m 54 F	Line, knots, plate sets checked. Samples: 0 Organisms: LINE: Algae PLATES: Algae	No	Stn 4
Station 5	N logboom, 13th log from S end, attached to chain at middle	Vertical: Anchor, 1 Tuffy, 1 plate set	125'	12 m	6 m	2.9m 54 F	Line, knots, plate sets, block checked. Samples: 0 Organisms: LINE: Algae, RGC PLATES: Algae BLOCK: Bryozoan	No	Stn 5
Station 6	N logboom, 14th log from S end, attached to chain on NE side, west end.	Vertical: Anchor, 1 Tuffy, 1 plate set	127'	12 m	6 m	2.8m 54 F	Line, knots, plate sets, block checked. Samples: 0 Organisms: LINE: Algae PLATES: Algae BLOCK: No data recorded	No	Stn 6

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Station #	Location/Description	Stn Type	Lake Depth Meters	Anchor/Line Depth Meters	Tuff/Plate set Depth Meters	Secchi Depth & Temp Deg F @ 3 Meters	NOTES:	Mussels?	Stn #
Station 7	Far N dock at E end; S side; 14th slip from shore	Vertical: Anchor, 1 Tuffy, 1 plate set	47'	12 m	6 m	3.9m 55 F	Line, knots, plate sets, block checked. Samples: 1: worm. Downloaded temp/light data from 3 loggers at 10', 20', 30' Organisms: LINE: Algae PLATES: Data not recorded BLOCK: Data not recorded	No	Stn 7
Station 8	Far N dock at middle @ slip 10/12	Horizontal: 4 m line, 1 tuffy, 1 plate set	43'	.5 m	.5 m	3.8m 55 F	Line, knots, plate sets checked. Samples: 0 Organisms: LINE: Algae, bryozoan, hydra, midge, physella snail PLATES: Algae, amphipod, bryozoan, hydra, midge	No	Stn 8
Station 9	Middle dock at E end	Vertical: Anchor, 1 Tuffy, 1 plate set		12 m	6 m	3.0m 54 F	Line, knots, plate sets, block checked. Samples: 0 Organisms: LINE: Algae, bryozoan, hydra PLATES: Algae, hydra, midge BLOCK: Bryozoan	No	Stn 9
Station 10	Middle dock at W end; slip 11 & 40	Horizontal: 4 m line, 1 tuffy, 1 plate set	43'	.5 m	.5 m	3.4m 55 F	Line, knots, plate sets checked. Samples: 0 Organisms: LINE: Algae, bryozoan PLATES: Bryozoan, midge RGC, physella snail, opaque jelly egg mass (OEM)	No	Stn 10
Station 11	Fuel Dock @ far E end	Vertical: Anchor, 1 Tuffy, 1 plate set	45'	12 m	6 m	3.2m 54 F	Line, knots, plate sets, block checked. Samples: 0 Organisms: LINE: Algae, hydra PLATES: Algae, bryozoan, hydra, midge BLOCK: Algae	No	Stn 11
Station 12	Fuel Dock W end situng diagonally under gas pump platform	Horizontal: 4 m line, 3 tuffy, 3 plate set	34'	.5 m	.5 m	3.2m 54 F	Line, knots, plate sets checked. Samples: 1 vial: red nebulous masses, flatworm Organisms: LINE: Algae, physella snail PLATES: Algae, bryozoan, clear eggs w/green spots, hydra, midge, physella snail	No	Stn 12
Station 13	North Launch Dock E end	Horizontal: 4 m line, 1 tuffy, 1 plate set	10'	.5 m	.5 m	3.0m 54 F	Line, knots, plate sets checked. Samples: 1: hydra Organisms: LINE: Alge, hydra, midge PLATES: Algae, hydra, midge, RGC	No	Stn 13
Station 14	South Launch Dock E end	Horizontal: 4 m line, 1 tuffy, 1 plate set	10'	2 m	.5 m	2.6m 54 F	Line, knots, plate sets checked. Samples: 0 Organisms: LINE: Algae, midge PLATES: Algae, physella snail, RGC	No	Stn 14