

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

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

---

**Monday, September 26, 2011**

**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 August 22, 2011 Regular Board Meeting and September 8, 2011 Special Board Meeting
  - b. Investment of Funds
    - Financial Reports
    - Investment Reports
  - c. Payment of Claims
- 4. REPORT FROM BOARD COMMITTEES**  
**Action: Informational Items**
  - a. Board Operations Committee Meeting, September 8, 2011
  - b. Board Fisheries Committee Meeting, September 14, 2011
- 5. JOINT DEFENSE AND COOPERATION AGREEMENT**  
**Action: Informational Item**
- 6. REPORT ON GENERAL MANAGERS MEETING, SEPTEMBER 7, 2011**  
**Action: Recommend Approval by Motion and Vote of the Board**
  - a. Authorize Legal Expense for Review of the 1996 Contract Between the United States and Santa Barbara County Water Agency Providing For Water Service From the Project (Master Contract) and All Other Related Contracts

**Action: Recommend Approval by Motion and Vote of the Board**

- b. COMB Workload Management System

**7. OPERATIONS DIVISION ACTIVITIES**

**Action: Information Items**

- a. Operations Report
- b. Boundary Meter Upgrade
- c. COMB O & M Work Plan

**Action: Recommend Approval by Motion and Vote of the Board**

- d. Contract Approval For Lauro Debris Basin Cleaning

**8. MODIFIED SCC UPPER REACH RELIABILITY PROJECT**

**Action: Recommend Approval By Motion And Vote of the Board**

- a. Modified Upper Reach Reliability Project Consulting Services Agreement To Complete Contract Documents

**Action: Recommend Approval by Motion and Vote of the Board**

- b. Construction Management Services for the Modified Upper Reach Reliability Project

**9. FISHERIES DIVISION ACTIVITIES**

**Action: Informational Items**

- a. Lower Santa Ynez River Fisheries Report

**Action: Recommend Approval by Motion and Vote of the Board**

- b. Quiota Creek Project Crossing #2 Update

**10. REPORTS FROM THE MANAGER**

**Action: Informational Items**

- a. Cachuma Water Reports
- b. Cachuma Reservoir Current Conditions
- c. Lake Cachuma Quagga Survey
- d. Report on Eleventh Annual Operations Coordination Meeting With Reclamation, September 13, 2011
- e. Report on Topics of Interest with the County, September 19, 2011 Meeting

**11. DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING**

**12. [CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL- ANTICIPATED LITIGATION**

**INITIATION OF LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(c). Two cases**

**13. MEETING SCHEDULE**

- October 24, 2011 at 2:00 P.M., COMB Office
- Board Packages Available on COMB Website  
[www.cachuma-board.org](http://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 the**  
Cachuma Operation & Maintenance Board Office  
3301 Laurel Canyon Road, Santa Barbara, CA  
**Monday, August 22, 2011**

---

**1. Call to Order, Roll Call**

The meeting was called to order at 2:01 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
Jim Colton	Adelle Capponi
John McInnes	Charles Hamilton
Harlan Burchardi	Bill Ferguson
Ruth Snodgrass	Phil Walker
Tom Mosby	Pete Lapidis
Ward Godier	

**2. Public Comment**

Phil Walker made comments about financing maintenance in the Tecolote Tunnel and the water intrusion in tunnel.

**3. Consent Agenda**

- a. Minutes:**  
July 25, 2011 Regular Board Meeting and July 27, 2011 Special Board Meeting
- b. Investment Funds**  
Investment Report  
**Payment of Claims**

Director Francisco moved to approve the Consent Agenda as presented, seconded by Director Lieberknecht, passed 7/0/0.

*The Board Next Considered Item 5*

ITEM # 3a  
PAGE 1



**5. Report From Board Administrative Committee**

**a. COMB Draft Response to the Santa Barbara County Grand Jury Report: “Local Government Post Employment Benefits in Santa Barbara County”**

General Manager Bruce Mowry reported that the Grand Jury issued a report regarding outstanding obligations for post employment benefits of the various local entities. COMB must respond to each applicable finding and recommendation in this report prior to September 13, 2011. The Board Administrative Committee and General Counsel have reviewed the draft response. The draft response included in the board packet reflects all suggested revisions.

Director Morgan moved to approve the submission of the draft response to the Santa Barbara County Grand Jury Report entitled: “*Local Government Post Employment Benefits in Santa Barbara County – Complicated and Costly*”, seconded by Director Francisco.

Discussion: Director Beebe requested that the response to Recommendation 2a be changed to read, “The recommendation may be implemented in the future.” The maker of the motion and the maker of the second agreed to this change.

The motion was passed with the requested change, 7/0/0.

**b. Projected Cash Flows and Project Funding COMB FY 2012 and 2013 Budget**

General Manager Bruce Mowry reported that the City of Santa Barbara would be able to financially assist COMB with two construction projects by advancing their FY 2011-12 gross annual budget assessment. By doing this, COMB could use these funds to construct the projects and subsequently request reimbursement from the grant funding agencies. However at this time the City is only able to advance their remaining net quarterly assessments to COMB. In order to assist COMB, Montecito Water District will be considering at their August 23, 2011 Board meeting accelerating their annual net budget assessments. COMB will incur a nominal interest expense affiliated with the pre-payment of these funds, which is in the current budget line item for interest expense.

The City has requested that COMB pass a Resolution to approve the advancement of the remaining net quarterly budget assessments. Montecito Water District requested an agreement with COMB which they will consider August 23, 2011 at their Board meeting.

Director Morgan moved to Approve Resolution No. 539 for the advancement of the remaining net quarterly budget assessments from the City of Santa Barbara for fiscal year 2012, seconded by Director Francisco.

The motion was passed by a roll call vote:

**Ayes:** Hanson, Lieberknecht, Francisco, Morgan

**Nays:** None

ITEM # 3a  
PAGE 2

**Abstain:** Beebe

**Absent:** None

A sample agreement for the City was included in the board packet that would be used for an agreement with Montecito Water District (MWD). Montecito Water District requested that the COMB President of the Board sign the agreement and that they would be including in their board packet as Exhibit A the Interest Schedule and Pre-Payment of COMB Annual Net Assessments prepared for MWD.

Director Morgan moved to authorize the President of the Board to sign an agreement with Montecito Water District for advancement of their remaining net quarterly budget assessments for fiscal year 2012 in substantially the same form as the sample presented in the board packet, seconded by Director Hanson, passed 6/0/1, Director Beebe abstained.

#### **6. Consider Dissolution of Operating Committee**

General Manager Bruce Mowry reported that the Operating Committee has made significant contributions to COMB. The Member Unit General Managers have felt they were somewhat limited while serving on this Committee and have been unable to freely communicate with other General Managers on the Committee so as not to violate the Brown Act. Good communication systems are now in place and the requirement of a committee established by the Board is no longer necessary. The General Manager of COMB will continue to have frequent meetings to work closely with the Member Unit Managers.

Director Beebe moved that the Operating Committee established by the Board is no longer required and the dissolution of this Committee would become effective immediately and the General Manager is encouraged to maintain an informal means of communication with agency managers to insure all substantive activities and projects are thoroughly discussed and vetted prior to board consideration, seconded by Director Hanson.

The motion was passed by a roll call vote:

**Ayes:** Hanson, Lieberknecht, Morgan, Francisco, Beebe

**Nayes:** None

**Abstain:** None

**Absent:** None

#### **7. Bid Review and Awarding the Construction Contract for the Fish Passage Improvement on Crossing 2, Quiota Creek Project**

General Manager Bruce Mowry reported that four bids had been received on August 16<sup>th</sup>, however a bid protest was submitted by the apparent second low bidder Schock Constructing Corp. concerning the apparent low bidder's bid package from Peter Lapidus Construction, Inc. (PLC). Anthony Trembley, General Counsel has reviewed the allegations in the bid protest and summarized them for the Board and concluded, "We do not find any irregularities that would provide PLC with a

competitive advantage. The errors pointed out by Schock do not affect the amount of the bid or give PLC an advantage or benefit not allowed to other bidders. Even with the discrepancies, PLC has confirmed in their attached letter that they stand behind their bid. Thus, we see no reason to deny this contract to PLC”.

Peter Lapidus, (PLC) spoke on this item.

Director Francisco moved, that based on this record and the explanation by General Counsel, the Board: (1) finds that the irregularities in the PLC bid are minor and do not affect the price of the bid, or give PLC an advantage or benefit not allowed to other bidders; (2) waives the bid irregularities and overrules the bid protest of Schock Constructing Corp.; and (3) awards the construction contract as defined in the project “Fish Passage Improvements on Crossing 2, Quiota Creek” Contract Documents to the lowest responsive bidder Peter Lapidus Construction, Inc. for the amount of \$424,623.00; and (4) authorizes COMB General Manager to sign and execute the contract documents inclusive of Addendums No. 1 and No. 2 and after submittal of all required documents from Peter Lapidus Construction, Inc., seconded by Director Lieberknecht and Director Morgan.

The motion was passed by a roll call vote:

**Ayes:** Hanson, Lieberknecht, Morgan, Francisco

**Nays:** None

**Abstain:** Beebe

**Absent:** None

*The Board Next Considered Item 10*

**10. Discussion on Topics of Interest with the County**

General Manager Bruce Mowry reported that he had met with Terri Maus-Nisich and Tom Fayram of the County. They all agreed that they should meet on a quarterly schedule and that COMB and the County should develop a list of issues and at the next meeting in September they would discuss the top three. The COMB Operating Committee discussed this topic and presented the three issues as follows:

- Water Quality with Lake use – body contact, kayaks, two stroke engines, recreational use
- Mussel prevention program and action of remediation if mussels are introduced
- Excess revenue from recreational use on the Lake and how to track the accounting of this use

The Board requested that another issue be added to the list, the maintenance of the roadways and bridges and right of entry along Quiota Creek.

*The Board Next Considered Item 9*

**9. Modified SCC Upper Reach Reliability Project**

**a. Update for Modified Upper Reach Reliability Project**

General Manager Bruce Mowry reported that the consultant has submitted draft documents for 65% review and comments with the anticipated bidding

period to occur in November 2011. There were three alternatives suggested and all included upgrades to flow meters, air vac valves, and blow off structures in the upper reach. The preferred Modified alternative would reconstruct the South Portal structure in the original location with splitting flow into the old 48 inch pipeline and new 48 inch pipeline. Intertie old and new pipelines at a location past the Glen Annie Turn Out structure to give higher reliability and flexibility, including operational options to feed Goleta West.

Mr. Mowry will bring to the Board for approval the final project design before going out to bid, he anticipates being able to award the contract in December.

**b. Construction Management Services of the Upper Reliability Project to be performed by COMB Staff**

General Manager Bruce Mowry reported that the Upper Reach Reliability Project will require construction management services to properly administer and inspect the work detailed in the Contract Documents being prepared. Since COMB has two engineers on staff with construction management experience he has discussed the option of performing a significant amount of this work with staff. Staff welcomes the opportunity for the experience with the added benefit of saving COMB the cost of out-side services. COMB staff would be supplemented by periodic special inspections as required.

Director Morgan moved to approve COMB's staff to perform the Construction Management Services on the Upper Reach Reliability Project with assistance from outside sources for material testing, labor compliance and other services as necessary, seconded by Director Lieberknecht. After discussion of several concerns of the Board, Director Morgan requested that Mr. Mowry discuss this again at the next COMB General Managers meeting and COMB Board Operation Committee meeting before Board consideration.

*The Board Next Considered Item 8*

**8. [Closed Session]: Conference with legal Counsel – Anticipated Litigation Initiation of Litigation Pursuant to Government Code Section 54956.9 (c) One case**

Tony Trembley, General Counsel announced the closed session.

The Board went in to closed session at 4:23 p.m.

General Counsel Tony Trembley reported that the Board came out of closed session at 5:11 p.m. and there was no action to report.

*The Board Next Considered Item 11*

**11. Fisheries Division Activities**

**a. Lower Santa Ynez River Fisheries Report**

ITEM # 3a  
PAGE 5

Included in the board packet was the monthly Lower Santa Ynez River Fisheries Report.

**b. 2009 Annual Monitoring Report**

The Directors requested that the Board Fisheries Committee meet and review the 2009 Monitoring Report.

**12. Operations Division Activities**

**a. Operations Report**

The July Operations Report was included in the board packet.

**b. Pipeline Maintenance Program – Lower Reach**

General Manager Bruce Mowry reported that as a part of the Board's regular pipeline maintenance program, several air vacuum valves in the Lower Reach have been identified for immediate replacement. The work will be completed by the use of COMB staff, Member Unit staff when available and outside contractors as needed. The structures will be individually listed in priority and work will progress until completed over the next several years. Staff recommends that the Board authorize an expenditure of funds necessary to begin this work.

Director Francisco moved to authorize the General Manager to reallocate \$205,000 from the 6101 Pipeline Repair account for this Pipeline Maintenance Program work, seconded by Director Lieberknecht, passed 6/0/1, Director Beebe abstained.

**13. 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 August 17, 2011 was included in the board packet.

**c. Operating Committee Draft Minutes, August 3, 2011**

The draft minutes of the Operating Committee of August 3, 2011 were included in the board packet.

**d. Lake Cachuma Quagga Survey**

The Cachuma Lake Quagga Survey for July was included in the board packet. No mussels were detected in July 2011.

**e. Draft Outline of COMB's Policies and Procedures**

The Draft outline of COMB's Policies and Procedures was included in the board packet, General Manager Bruce Mowry requested the Directors to submit to him any suggestions they might have and have the Board Administrative Committee review the Policies and Procedures.

**f. ACWA Committee Appointment Nominations for the 2012-2013 Term**

Included in the board packet was a request from ACWA for committee nominations for the 2012-2013 term. If anyone would want to nominate a candidate they need to respond by September 30, 2011.

*The Board Next Considered Item 4*

**4. Committee Appointments for FY 2011-12**

**a. Administrative**

Lauren Hanson is Chair, Doug Morgan, member and Bob Lieberknecht, alternate member.

**b. Operations Division**

Bob Lieberknecht is Chair, Lauren Hanson, member and Dale Francisco, alternate member.

**c. Fisheries Division**

Lauren Hanson is Chair, Dennis Beebe, member and Dale Francisco, alternate member.

**d. Public Outreach**

Bob Lieberknecht is Chair, Doug Morgan, member and Dennis Beebe, alternate member.

*The Board Next Considered Item 14*

**14. Directors' Request for Agenda Items for Next Meeting**

There were no additional requests for agenda items for the next meeting.

**15. Meeting Schedule**

- The next regular Board meeting will be held September 26, 2011 at 2:00 P.M.
- The Agendas and Board Packets are available on the COMB website, [www.cachuma-board.org](http://www.cachuma-board.org)

**16. COMB Adjournment**

There being no further business, the meeting was adjourned at 5:53 p.m.

Respectfully submitted,

\_\_\_\_\_  
Bruce Mowry, Secretary of the Board

**APPROVED:**

\_\_\_\_\_  
Lauren Hanson, President of the Board

Approved \_\_\_\_\_  
Unapproved  \_\_\_\_\_

ITEM # 3a  
PAGE 7

**MINUTES OF A SPECIAL MEETING  
of the  
CACHUMA OPERATION & MAINTENANCE BOARD**

**TELECONFERENCE  
GOVT. CODE SECTION 54953 (b)**

**held at**  
3301 Laurel Canyon Road  
Santa Barbara, CA  
**Thursday, September 8, 2011**

---

**1. Call to Order, Roll Call**

The meeting was called to order at 1:00 p.m. by President Lauren Hanson, who chaired the meeting. Those in attendance were:

**Directors Present:**

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

**Others present**

Bruce Mowry	Tony Trembley
Jim Colton	John McInnes
Charles Hamilton	John Capella (via phone)
Adele Capponi	

**2. Public Comment**

There were no comments from the public.

**3. [Closed Session]: Conference With Legal Counsel – Anticipated Litigation  
Initiation of Litigation Pursuant to Government Code Section 54956.9(c). One case**

The Board went in to closed session at 1:02 p.m. and came out of closed session at 1:58 p.m.

Counsel Tony Trembley stated that there was nothing to report out of closed session.

**4. COMB Adjournment**

There being no further business, the meeting was adjourned at 1:59 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 August 31, 2011

ASSETS

Current Assets

Checking/Savings

TRUST FUNDS

1210 · WARREN ACT TRUST FUND 123,250.64

1220 · RENEWAL FUND 10,040.42

Total TRUST FUNDS 133,291.06

1050 · GENERAL FUND 395,985.52

1100 · REVOLVING FUND 179,004.40

Total Checking/Savings 708,280.98

Other Current Assets

1010 · PETTY CASH 400.00

1200 · LAIF 3,850.70

1303 · Bradbury SOD Act Assmnts Rec 62,658.00

1304 · Lauro Dam SOD Assesmnt Rec 18,797.00

1310 · MISC RECEIVABLES 12,045.70

1400 · PREPAID INSURANCE 15,421.72

1401 · W/C INSURANCE DEPOSIT 6,529.00

Total Other Current Assets 119,702.12

Total Current Assets 827,983.10

Fixed Assets

1500 · VEHICLES 422,916.00

1505 · OFFICE FURN & EQUIPMENT 346,249.32

1510 · MOBILE OFFICES 97,803.34

1515 · FIELD EQUIPMENT 453,612.64

1525 · PAVING 22,350.00

1550 · ACCUMULATED DEPRECIATION -1,100,393.64

Total Fixed Assets 242,537.66

Other Assets

1910 · LT Bradbury SOD Act Assess Rec 5,623,581.07

1920 · LT Lauro SOD Act Assess Rec 965,337.00

Total Other Assets 6,588,918.07

TOTAL ASSETS 7,659,438.83

LIABILITIES & NET ASSETS

Liabilities

Current Liabilities

Accounts Payable

2200 · ACCOUNTS PAYABLE 82,452.03

Total Accounts Payable 82,452.03

Other Current Liabilities

Payroll-DepPrm Admin 92.31

Payroll-DepPrm FD 2.31

ITEM # 36

PAGE 1 Page 1 of 2

COMB  
Statement of Net Assets  
As of August 31, 2011

Payroll-DepPrm Ops	51.93
2550 · VACATION/SICK	42,185.40
2561 · BRADBURY DAM SOD ACT	62,658.61
2562 · SWRCB-WATER RIGHTS FEE	0.75
2563 · LAURO DAM SOD ACT	18,797.00
2565 · ACCRUED INTEREST SOD ACT	87,008.00
2590 · DEFERRED REVENUE	133,291.06
Total Other Current Liabilities	<u>344,087.37</u>
Total Current Liabilities	426,539.40
Long Term Liabilities	
2602 · LT SOD Act Liability-Bradbury	5,623,581.07
2603 · LT SOD Act Liability - Lauro	965,337.00
2604 · OPEB LT Liability	96,113.00
Total Long Term Liabilities	<u>6,685,031.07</u>
Total Liabilities	7,111,570.47
Net Assets	
3901 · Retained Net Assets	252,758.21
Net Income	295,110.15
Total Net Assets	<u>547,868.36</u>
TOTAL LIABILITIES & NET ASSETS	<u><u>7,659,438.83</u></u>

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

Budget vs. Actuals - August 2011

	Fisheries			Operations			TOTAL		
	Jul - Aug 11	Budget	% of Budget	Jul - Aug 11	Budget	% of Budget	Jul - Aug 11	Budget	% of Budget
<b>Income</b>									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	139,588.17	852,475.00	16.4%	644,618.75	2,275,848.00	28.3%	784,206.92	3,128,323.00	25.1%
3006 - Warren Act	0.00	76,884.00	0.0%	0.00	0.00	0.0%	0.00	76,884.00	0.0%
3007 - Renewal Fund	0.00	191,210.00	0.0%	0.00	0.00	0.0%	0.00	191,210.00	0.0%
3010 - Interest Income	0.00			96.11			96.11	0.00	100.0%
3020 - Misc Income	0.00			1,305.60			1,305.60	0.00	100.0%
3021 - Grant Income	0.00	735,501.00	0.0%	0.00	1,200,000.00	0.0%	0.00	1,935,501.00	0.0%
3035 - Cachuma Project Betterment Fund	0.00	90,000.00	0.0%	0.00			0.00	90,000.00	0.0%
<b>Total 3000 REVENUE</b>	<b>139,588.17</b>	<b>1,946,070.00</b>	<b>7.2%</b>	<b>646,020.46</b>	<b>3,475,848.00</b>	<b>18.6%</b>	<b>785,608.63</b>	<b>5,421,918.00</b>	<b>14.5%</b>
<b>Total Income</b>	<b>139,588.17</b>	<b>1,946,070.00</b>	<b>7.2%</b>	<b>646,020.46</b>	<b>3,475,848.00</b>	<b>18.6%</b>	<b>785,608.63</b>	<b>5,421,918.00</b>	<b>14.5%</b>
<b>Gross Profit</b>	<b>139,588.17</b>	<b>1,946,070.00</b>	<b>7.2%</b>	<b>646,020.46</b>	<b>3,475,848.00</b>	<b>18.6%</b>	<b>785,608.63</b>	<b>5,421,918.00</b>	<b>14.5%</b>
<b>Expense</b>									
<b>PAYROLL</b>									
Gross	0.00			0.01			0.01	0.00	100.0%
Gross-FD	-0.01			0.00			-0.01	0.00	100.0%
<b>Total PAYROLL</b>	<b>-0.01</b>			<b>0.01</b>			<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>
<b>3100 - LABOR - OPERATIONS</b>									
3101-E - Engineer	0.00			0.00			0.00	-35,745.00	0.0%
3101-E1 - QC 2 RE Labor	0.00			15,735.76			15,735.76	0.00	100.0%
3101-E - Engineer - Other	0.00			0.00			0.00	0.00	0.0%
<b>Total 3101-E - Engineer</b>	<b>0.00</b>			<b>15,735.76</b>	<b>-35,745.00</b>	<b>-44.0%</b>	<b>15,735.76</b>	<b>-35,745.00</b>	<b>-44.0%</b>
3101-H - Holiday Leave	0.00			1,069.31			1,069.31	0.00	100.0%
3101-S - Sick Leave	0.00			1,346.98			1,346.98	0.00	100.0%
3101-V - Vacation Leave	0.00			1,975.10			1,975.10	0.00	100.0%
3102 - Meter Reading	0.00			286.50			286.50	0.00	100.0%
3103 - SCC Ops	0.00			23,198.66			23,198.66	0.00	100.0%
3104 - Veh & Equip Mfce	0.00			157.10			157.10	0.00	100.0%
3105 - SCADA	0.00			153.69			153.69	0.00	100.0%
3106 - Rodent Bait	0.00			897.21			897.21	0.00	100.0%
3107 - NORTH PORTAL									
3107-1 - NP INTAKE TOWER									
3107-1a - Maintenance	0.00			204.39			204.39	0.00	100.0%
3107-1b - Cleaning	0.00			157.43			157.43	0.00	100.0%
3107-1f - Operations	0.00			82.11			82.11	0.00	100.0%
<b>Total 3107-1 - NP INTAKE TOWER</b>	<b>0.00</b>			<b>443.93</b>			<b>443.93</b>	<b>0.00</b>	<b>100.0%</b>
3107-2 - NP CONTROL STATION									
3107-2a - Maintenance	0.00			94.28			94.28	0.00	100.0%
<b>Total 3107-2 - NP CONTROL STATION</b>	<b>0.00</b>			<b>94.28</b>			<b>94.28</b>	<b>0.00</b>	<b>100.0%</b>
<b>Total 3107 - NORTH PORTAL</b>	<b>0.00</b>			<b>538.21</b>			<b>538.21</b>	<b>0.00</b>	<b>100.0%</b>
3108 - GLEN ANNE									
3108-1 - GA SOUTH PORTAL									
3108-1d - Weed Management	0.00			478.63			478.63	0.00	100.0%
<b>Total 3108-1 - GA SOUTH PORTAL</b>	<b>0.00</b>			<b>478.63</b>			<b>478.63</b>	<b>0.00</b>	<b>100.0%</b>
3108-2 - GA RESERVOIR									

ITEM # 36  
PAGE 3

# Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - August 2011

	Fisheries		Operations		TOTAL	
	Jul - Aug 11	% of Budget	Jul - Aug 11	% of Budget	Jul - Aug 11	% of Budget
3108-2d · Weed Management	0.00		170.99		170.99	100.0%
<b>Total 3108-2 · GA RESERVOIR</b>	<b>0.00</b>		<b>170.99</b>		<b>170.99</b>	<b>100.0%</b>
3108-3 · GA PUMP STATION	0.00		20.53		20.53	100.0%
3108-3a · Maintenance	0.00		20.53		20.53	100.0%
<b>Total 3108-3 · GA PUMP STATION</b>	<b>0.00</b>		<b>670.15</b>		<b>670.15</b>	<b>100.0%</b>
Total 3108 · GLEN ANNE	0.00		94.28		94.28	100.0%
3109 · CORONA DEL MAR	0.00		94.28		94.28	100.0%
3109-1 · TURNOUT	0.00		94.28		94.28	100.0%
3109-1h · Inspection	0.00		94.28		94.28	100.0%
<b>Total 3109-1 · TURNOUT</b>	<b>0.00</b>		<b>94.28</b>		<b>94.28</b>	<b>100.0%</b>
Total 3109 · CORONA DEL MAR	0.00		4,838.19		4,838.19	100.0%
3110 · LAURO	0.00		1,253.07		1,253.07	100.0%
3110-1 · YARD	0.00		204.39		204.39	100.0%
3110-1a · Maintenance	0.00		208.56		208.56	100.0%
3110-1b · Cleaning	0.00		408.53		408.53	100.0%
3110-1d · Weed Management	0.00		6,912.74		6,912.74	100.0%
3110-1e · Landscaping	0.00					
3110-1j · Rehabilitation	0.00					
<b>Total 3110-1 · YARD</b>	<b>0.00</b>		<b>94.28</b>		<b>94.28</b>	<b>100.0%</b>
3110-2 · CONTROL STATION	0.00		94.28		94.28	100.0%
3110-2a · Maintenance	0.00		94.28		94.28	100.0%
<b>Total 3110-2 · CONTROL STATION</b>	<b>0.00</b>		<b>64.12</b>		<b>64.12</b>	<b>100.0%</b>
3110-3 · RESERVOIR	0.00		64.12		64.12	100.0%
3110-3d · Weed Management	0.00		64.12		64.12	100.0%
<b>Total 3110-3 · RESERVOIR</b>	<b>0.00</b>		<b>457.27</b>		<b>457.27</b>	<b>100.0%</b>
3110-4 · DEBRIS BASINS	0.00		251.40		251.40	100.0%
3110-4a · Maintenance	0.00		408.53		408.53	100.0%
3110-4b · Cleaning	0.00		123.16		123.16	100.0%
3110-4f · Operations	0.00		1,240.36		1,240.36	100.0%
3110-4h · Inspection	0.00		8,311.50		8,311.50	100.0%
<b>Total 3110-4 · DEBRIS BASINS</b>	<b>0.00</b>		<b>231.73</b>		<b>231.73</b>	<b>100.0%</b>
Total 3110 · LAURO	0.00		231.73		231.73	100.0%
3111 · OFFICE	0.00		231.73		231.73	100.0%
3111-1 · CREW OFFICE	0.00		231.73		231.73	100.0%
3111-1j · Rehabilitation	0.00		231.73		231.73	100.0%
<b>Total 3111-1 · CREW OFFICE</b>	<b>0.00</b>		<b>252.87</b>		<b>252.87</b>	<b>100.0%</b>
Total 3111 · OFFICE	0.00		94.28		94.28	100.0%
3113 · ORTEGA	0.00					
3113-1 · CONTROL STATION	0.00					
3113-1a · Maintenance	0.00					
3113-1j · Rehabilitation	0.00					

ITEM # 36  
PAGE 4

# Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - August 2011

	Fisheries		Operations		TOTAL	
	Jul - Aug 11	% of Budget	Jul - Aug 11	% of Budget	Jul - Aug 11	% of Budget
Total 3113-1 · CONTROL STATION	0.00		347.15		347.15	100.0%
3113-2 · RESERVOIR					0.00	100.0%
3113-2a · Maintenance	0.00		233.59		0.00	100.0%
3113-2d · Weed Management	0.00		384.95		0.00	100.0%
3113-2f · Operations	0.00		475.06		0.00	100.0%
3113-2h · Inspection	0.00		116.81		0.00	100.0%
Total 3113-2 · RESERVOIR	0.00		1,210.41		0.00	100.0%
Total 3113 · ORTEGA	0.00		1,557.56		0.00	100.0%
3114 · BOUNDARY METER						
3114-1 · VAULT	0.00		86.42		0.00	100.0%
3114-1a · Maintenance	0.00		86.42		0.00	100.0%
Total 3114-1 · VAULT	0.00		86.42		0.00	100.0%
Total 3114 · BOUNDARY METER	0.00		86.42		0.00	100.0%
3115 · CARPINTERIA						
3115-1 · CONTROL STATION	0.00		124.86		0.00	100.0%
3115-1a · Maintenance	0.00		125.70		0.00	100.0%
3115-1i · Engineering	0.00		157.13		0.00	100.0%
3115-1j · Rehabilitation	0.00		407.69		0.00	100.0%
Total 3115-1 · CONTROL STATION	0.00		407.69		0.00	100.0%
Total 3115 · CARPINTERIA	0.00		407.69		0.00	100.0%
3116 · GOLETA REACH						
3116-1 · STRUCTURES	0.00		5,405.78		0.00	100.0%
3116-1a · Maintenance	0.00		185.38		0.00	100.0%
3116-1d · Weed Management	0.00		157.13		0.00	100.0%
3116-1h · Inspection	0.00		5,748.29		0.00	100.0%
Total 3116-1 · STRUCTURES	0.00		5,748.29		0.00	100.0%
Total 3116 · GOLETA REACH	0.00		5,748.29		0.00	100.0%
3117 · CARPINTERIA REACH						
3117-1 · STRUCTURES	0.00		2,312.96		0.00	100.0%
3117-1a · Maintenance	0.00		474.77		0.00	100.0%
3117-1h · Inspection	0.00		565.65		0.00	100.0%
3117-1j · Rehabilitation	0.00		3,353.38		0.00	100.0%
Total 3117-1 · STRUCTURES	0.00		3,353.38		0.00	100.0%
Total 3117 · CARPINTERIA REACH	0.00		3,353.38		0.00	100.0%
3150 · Health & Workers Comp	0.00		35,014.02		0.00	100.0%
3155 · PERS	0.00		11,517.81		0.00	100.0%
3160 · Ops Co FICA	0.00		4,409.49		0.00	100.0%
3165 · Ops Co Medicare	0.00		1,031.26		0.00	100.0%
3100 · LABOR - OPERATIONS - Other	0.00		0.00		0.00	0.0%
Total 3100 · LABOR - OPERATIONS	0.00		117,792.10		872,417.00	14.1%
3200 VEH & EQUIPMENT					836,672.00	14.1%
3201 · Vehicle/Equip Mtce	0.00		4,123.31		25,000.00	16.5%
Total 3201 · Vehicle/Equip Mtce	0.00		4,123.31		25,000.00	16.5%

ITEM # \_\_\_\_\_  
PAGE \_\_\_\_\_

26  
5

# Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - August 2011

	Fisheries		Operations		TOTAL	
	Jul - Aug 11	% of Budget	Jul - Aug 11	% of Budget	Jul - Aug 11	% of Budget
3202 - Fixed Capital	0.00		0.00	0.0%	0.00	0.0%
3203 - Equipment Rental	0.00		707.19	14.1%	707.19	14.1%
3204 - Miscellaneous	0.00		995.24	19.9%	995.24	19.9%
<b>Total 3200 VEH &amp; EQUIPMENT</b>	<b>0.00</b>		<b>5,825.74</b>	<b>12.9%</b>	<b>5,825.74</b>	<b>12.9%</b>
<b>3300 - CONTRACT LABOR</b>						
3301 - Conduit, Meter, Valve & Misc	0.00		930.60	7.8%	930.60	7.8%
3302 - Buildings & Roads	0.00		3,880.26	19.4%	3,880.26	19.4%
3303 - Reservoirs	0.00		0.00	0.0%	0.00	0.0%
3304 - Engineering, Misc Services	0.00		0.00	0.0%	0.00	0.0%
<b>Total 3300 - CONTRACT LABOR</b>	<b>0.00</b>		<b>4,810.86</b>	<b>6.7%</b>	<b>4,810.86</b>	<b>6.7%</b>
<b>3400 - MATERIALS &amp; SUPPLIES</b>						
3401 - Conduit, Meter, Valve & Misc	0.00		121.40	0.5%	121.40	0.5%
3402 - Buildings & Roads	0.00		499.57	4.2%	499.57	4.2%
3403 - Reservoirs	0.00		0.00	0.0%	0.00	0.0%
<b>Total 3400 - MATERIALS &amp; SUPPLIES</b>	<b>0.00</b>		<b>620.97</b>	<b>1.3%</b>	<b>620.97</b>	<b>1.3%</b>
<b>3500 - OTHER EXPENSES</b>						
3501 - Utilities	0.00		858.84	12.6%	858.84	12.6%
3502 - Uniforms	0.00		2,125.38	47.2%	2,125.38	47.2%
3503 - Communications	0.00		2,473.00	12.4%	2,473.00	12.4%
3504 - USA & Other Services	0.00		153.00	3.8%	153.00	3.8%
3505 - Miscellaneous	0.00		1,596.15	20.0%	1,596.15	20.0%
3506 - Training	0.00		874.98	29.2%	874.98	29.2%
<b>Total 3500 - OTHER EXPENSES</b>	<b>0.00</b>		<b>8,081.35</b>	<b>17.5%</b>	<b>8,081.35</b>	<b>17.5%</b>
<b>4100 - LABOR - FISHERIES</b>						
4101 - Senior Resource Scientist	0.00		0.00	0.0%	0.00	0.0%
4101-1 - QC 2 Project Administration	0.00		0.00	0.0%	0.00	0.0%
4101-2 - QC 2 Permit Writing/Admin	12,189.29	13.3%	0.00	0.0%	12,189.29	13.3%
4101 - Senior Resource Scientist - Other	12,189.29	16.6%	0.00	0.0%	12,189.29	16.6%
<b>Total 4101 - Senior Resource Scientist</b>	<b>12,189.29</b>		<b>0.00</b>		<b>12,189.29</b>	
4102 - Project Biologist	0.00		0.00	0.0%	0.00	0.0%
4102-1 - QC 2 Bio Monitoring	13,505.04	15.6%	0.00	0.0%	13,505.04	15.6%
4102 - Project Biologist - Other	13,505.04	17.6%	0.00	0.0%	13,505.04	17.6%
<b>Total 4102 - Project Biologist</b>	<b>13,505.04</b>		<b>0.00</b>		<b>13,505.04</b>	
<b>4103 - Biologist</b>						
4103-1 - QC 2 Bio Monitoring	0.00		0.00	0.0%	0.00	0.0%
4103 - Biologist - Other	9,839.81	14.5%	0.00	0.0%	9,839.81	14.5%
<b>Total 4103 - Biologist</b>	<b>9,839.81</b>		<b>0.00</b>		<b>9,839.81</b>	
<b>4110 - Seasonal Aide - BL</b>						
4111 - Seasonal Aide - AB	0.00		0.00	0.0%	0.00	0.0%
4112 - Seasonal Aide - SH	0.00		0.00	0.0%	0.00	0.0%
4113 - Seasonal Aide - KL	405.00	2.7%	0.00	0.0%	405.00	2.7%
4150 - FD Health & WC	15,891.44	20.8%	0.00	0.0%	15,891.44	20.8%
4151 - FD PERS	6,988.96	15.8%	0.00	0.0%	6,988.96	15.8%
4152 - FD Co FICA	2,626.39	15.7%	0.00	0.0%	2,626.39	15.7%
4153 - FD Co Medicare	614.24	29.2%	0.00	0.0%	614.24	29.2%
<b>Total 4100 - LABOR - FISHERIES</b>	<b>62,060.17</b>	<b>16.0%</b>	<b>0.00</b>		<b>62,060.17</b>	<b>16.0%</b>

# Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - August 2011

	Fisheries			Operations			TOTAL		
	Jul - Aug 11	Budget	% of Budget	Jul - Aug 11	Budget	% of Budget	Jul - Aug 11	Budget	% of Budget
<b>4200 - VEHICLES &amp; EQUIP - FISHERIES</b>									
4270 - Vehicle/Equip Mtce	866.87	13,000.00	6.7%	0.00	0.00	0.0%	866.87	13,000.00	6.7%
4280 - Fixed Capital	0.00	30,000.00	0.0%	0.00	0.00	0.0%	0.00	30,000.00	0.0%
4290 - Miscellaneous	199.29	2,500.00	8.0%	0.00	0.00	0.0%	199.29	2,500.00	8.0%
<b>Total 4200 - VEHICLES &amp; EQUIP - FISHERIES</b>	<b>1,066.16</b>	<b>45,500.00</b>	<b>2.3%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>1,066.16</b>	<b>45,500.00</b>	<b>2.3%</b>
<b>4220 - CONTRACT LABOR - FISHERIES</b>									
4221 - Meters & Valves	0.00	3,000.00	0.0%	0.00	0.00	0.0%	0.00	3,000.00	0.0%
4222 - Fish Projects Maintenance	0.00	15,000.00	0.0%	0.00	0.00	0.0%	0.00	15,000.00	0.0%
<b>Total 4220 - CONTRACT LABOR - FISHERIES</b>	<b>0.00</b>	<b>18,000.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>18,000.00</b>	<b>0.0%</b>
<b>4300 - MATERIALS/SUPPLIES - FISHERIES</b>									
4390 - Miscellaneous	0.00	6,000.00	0.0%	0.00	0.00	0.0%	0.00	6,000.00	0.0%
<b>Total 4300 - MATERIALS/SUPPLIES - FISHERIES</b>	<b>0.00</b>	<b>6,000.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>6,000.00</b>	<b>0.0%</b>
<b>4500 - OTHER EXPENSES - FISHERIES</b>									
4502 - Uniforms	0.00	2,500.00	0.0%	0.00	0.00	0.0%	0.00	2,500.00	0.0%
<b>Total 4500 - OTHER EXPENSES - FISHERIES</b>	<b>0.00</b>	<b>2,500.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>2,500.00</b>	<b>0.0%</b>
<b>4999 - GENERAL &amp; ADMINISTRATIVE</b>									
5000 - Director Fees	0.00			149.52			149.52	0.00	100.0%
5001 - Director Mileage	0.00			1,920.00			1,920.00	12,000.00	16.0%
5000 - Director Fees - Other	0.00			2,069.52			2,069.52	12,000.00	17.2%
<b>Total 5000 - Director Fees</b>	<b>0.00</b>			<b>2,069.52</b>			<b>2,069.52</b>	<b>12,000.00</b>	<b>17.2%</b>
5100 - Legal	0.00			2,645.00			2,645.00	75,000.00	3.5%
5101-1 - Audit	0.00			0.00			0.00	13,000.00	0.0%
5200 - Liability Insurance	0.00			0.00			0.00	30,800.00	0.0%
5201 - Health & Workers Comp	0.00			23,280.49			23,280.49	143,790.00	16.2%
5250 - PERS	0.00			7,801.10			7,801.10	48,334.00	16.1%
5260 - Company FICA Admin	0.00			2,752.59			2,752.59	17,632.00	15.6%
5265 - Company MCARE Admin	0.00			643.75			643.75	4,123.00	15.6%
5300 - Manager Salary	0.00			17,230.80			17,230.80	112,000.00	15.4%
5301 - Administrative Manager	0.00			10,359.76			10,359.76	67,339.00	15.4%
5304 - Administrative Secretary	0.00			5,966.73			5,966.73	38,648.00	15.4%
5306 - Administrative Assistant	0.00			6,804.20			6,804.20	41,595.00	16.4%
5310 - Postage/Office Exp	0.00			1,692.62			1,692.62	11,200.00	15.1%
5311 - Office Equip/Leases	0.00			1,837.64			1,837.64	9,800.00	18.8%
5312 - Misc Admin Expenses	0.00			525.09			525.09	12,000.00	4.4%
5313 - Communications	0.00			1,408.03			1,408.03	8,400.00	16.8%
5314 - Utilities	0.00			1,997.65			1,997.65	8,500.00	23.5%
5315 - Membership Dues	0.00			0.00			0.00	7,295.00	0.0%
5316 - Admin Fixed Assets	0.00			3,075.45			3,075.45	5,000.00	0.0%
5318 - Computer Consultant	0.00			25.00			25.00	17,500.00	0.1%
5325 - Emp Training/Subscriptions	0.00			0.00			0.00	3,000.00	0.0%
5330 - Admin Travel/Conferences	0.00			241.38			241.38	1,000.00	24.1%
5331 - Public Information	0.00			666.58			666.58	1,000.00	66.7%
5332 - Transportation	0.00			3,941.19			3,941.19	14,000.00	28.2%
5333 - Relocation Expense	0.00			0.00			0.00	20,000.00	0.0%
5390 - MURRP Interest Expense	0.00			0.00			0.00	20,000.00	0.0%
<b>Total 4999 - GENERAL &amp; ADMINISTRATIVE</b>	<b>0.00</b>			<b>94,964.57</b>			<b>94,964.57</b>	<b>725,956.00</b>	<b>13.1%</b>
<b>5400 - GENERAL &amp; ADMIN - FISHERIES</b>									
5401 - Health & Workers Comp.	5,489.72	43,099.00	12.7%	0.00	0.00	0.0%	5,489.72	43,099.00	12.7%

# Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - August 2011

	Fisheries			Operations			TOTAL		
	Jul - Aug 11	% of Budget	Budget	Jul - Aug 11	% of Budget	Budget	Jul - Aug 11	% of Budget	Budget
5402 - CalPERS	3,202.39	15.5%	20,716.00	0.00		0.00	3,202.39	15.5%	20,716.00
5403 - Company Fica	1,179.68	15.6%	7,556.00	0.00		0.00	1,179.68	15.6%	7,556.00
5404 - Admin Secretary	2,557.19	15.4%	16,563.00	0.00		0.00	2,557.19	15.4%	16,563.00
5405 - GM Salary	7,384.60	15.4%	48,000.00	0.00		0.00	7,384.60	15.4%	48,000.00
5406 - Company MCare	275.89	15.6%	1,765.00	0.00		0.00	275.89	15.6%	1,765.00
5407 - Legal - FD	276.00	1.1%	25,000.00	0.00		0.00	276.00	1.1%	25,000.00
5408 - Administrative Manager									
5408-1 - QC 2 Contract Administration	0.00	0.0%	-2,000.00	0.00		0.00	0.00	0.0%	-2,000.00
5408 - Administrative Manager - Other	4,439.92	15.4%	28,860.00	0.00		0.00	4,439.92	15.4%	28,860.00
<b>Total 5408 - Administrative Manager</b>	<b>4,439.92</b>	<b>15.5%</b>	<b>26,860.00</b>	<b>0.00</b>		<b>0.00</b>	<b>4,439.92</b>	<b>16.5%</b>	<b>26,860.00</b>
5409 - Administrative Assistant									
5409-1 - QC 2 Contract Administration	0.00	0.0%	-3,000.00	0.00		0.00	0.00	0.0%	-3,000.00
5409 - Administrative Assistant - Other	2,916.08	16.4%	17,827.00	0.00		0.00	2,916.08	16.4%	17,827.00
<b>Total 5409 - Administrative Assistant</b>	<b>2,916.08</b>	<b>19.7%</b>	<b>14,827.00</b>	<b>0.00</b>		<b>0.00</b>	<b>2,916.08</b>	<b>19.7%</b>	<b>14,827.00</b>
5410 - Postage / Office Supplies	706.98	14.7%	4,800.00	0.00		0.00	706.98	14.7%	4,800.00
5411 - Office Equipment / Leases	787.51	18.8%	4,200.00	0.00		0.00	787.51	18.8%	4,200.00
5412 - Misc. Admin Expense	247.98	4.1%	6,000.00	0.00		0.00	247.98	4.1%	6,000.00
5413 - Communications	557.96	15.5%	3,600.00	0.00		0.00	557.96	15.5%	3,600.00
5414 - Utilities	966.61	21.5%	4,500.00	0.00		0.00	966.61	21.5%	4,500.00
5415 - Membership Dues	0.00	0.0%	2,791.00	0.00		0.00	0.00	0.0%	2,791.00
5416 - Admin Fixed Assets	0.00	0.0%	5,000.00	0.00		0.00	0.00	0.0%	5,000.00
5418 - Computer Consultant	1,318.05	17.6%	7,500.00	0.00		0.00	1,318.05	17.6%	7,500.00
5425 - Employee Education/Subscription	0.00	0.0%	3,000.00	0.00		0.00	0.00	0.0%	3,000.00
5430 - Travel	0.00	0.0%	3,000.00	0.00		0.00	0.00	0.0%	3,000.00
5431 - Public Information	103.43	10.3%	1,000.00	0.00		0.00	103.43	10.3%	1,000.00
5432 - Transportation	288.53	28.9%	1,000.00	0.00		0.00	288.53	28.9%	1,000.00
5433 - Relocation Expense - GM	1,689.07	28.2%	6,000.00	0.00		0.00	1,689.07	28.2%	6,000.00
5441 - Audit	0.00	0.0%	6,000.00	0.00		0.00	0.00	0.0%	6,000.00
5443 - Liab & Property Ins	0.00	0.0%	13,200.00	0.00		0.00	0.00	0.0%	13,200.00
5490 - Fish Projects Interest Expense	0.00	0.0%	14,930.00	0.00		0.00	0.00	0.0%	14,930.00
<b>Total 5400 - GENERAL &amp; ADMIN - FISHERIES</b>	<b>34,387.59</b>	<b>11.8%</b>	<b>290,907.00</b>	<b>0.00</b>		<b>0.00</b>	<b>34,387.59</b>	<b>11.8%</b>	<b>290,907.00</b>
5510 - Integrated Reg. Water Mgt Plan	0.00			0.00		15,000.00	0.00	0.0%	15,000.00
5513 - Cost / Benefit Analysis	0.00			0.00		25,000.00	0.00	0.0%	25,000.00
6000 - SPECIAL PROJECTS									
6062 - SCADA	0.00			0.00		18,500.00	0.00	0.0%	18,500.00
6090-1 - COMB Bldg/Grounds Repair	0.00			1,062.23		30,000.00	1,062.23	3.5%	30,000.00
6092 - SCC Improv Plan & Design	0.00			200.00		50,000.00	200.00	0.4%	50,000.00
6096 - SCC Structure Rehabilitation	0.00			0.00		37,500.00	0.00	0.0%	37,500.00
6097 - GIS and Mapping	0.00			196.99		10,000.00	196.99	2.0%	10,000.00
6101 - SCC Emergency Pipeline Repairs	0.00			0.00		205,000.00	0.00	0.0%	205,000.00
6102 - Lauro Debris Basin Maintenance	0.00			3,365.00		76,175.00	3,365.00	4.4%	76,175.00
6103 - SCCMURRR	0.00			47,984.91		1,200,000.00	47,984.91	4.0%	1,200,000.00
<b>Total 6000 - SPECIAL PROJECTS</b>	<b>0.00</b>			<b>52,809.13</b>		<b>1,627,175.00</b>	<b>52,809.13</b>	<b>3.2%</b>	<b>1,627,175.00</b>
6200 - FISHERIES ACTIVITIES									
6201 - FMP Implementation	1,421.28	1.2%	121,500.00	0.00		0.00	1,421.28	1.2%	121,500.00
6202 - GIS and Mapping	2,600.37	26.0%	10,000.00	0.00		0.00	2,600.37	26.0%	10,000.00
6203 - Grants Technical Support	0.00	0.0%	10,000.00	0.00		0.00	0.00	0.0%	10,000.00
6204 - SYR Hydrology Technical Support	0.00	0.0%	25,000.00	0.00		0.00	0.00	0.0%	25,000.00
6205 - USGS Stream Gauge Program	18,462.50	24.6%	75,000.00	0.00		0.00	18,462.50	24.6%	75,000.00
6206 - Tri County Fish Team Funding	0.00	0.0%	5,000.00	0.00		0.00	0.00	0.0%	5,000.00



# Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - August 2011

	Fisheries			Operations			TOTAL		
	Jul - Aug 11	Budget	% of Budget	Jul - Aug 11	Budget	% of Budget	Jul - Aug 11	Budget	% of Budget
6207 - Oak Tree Restoration Program	13,180.00	80,000.00	16.5%	0.00	0.00		13,180.00	80,000.00	16.5%
6208 - Legislative & Steelhead Funding	0.00	8,000.00	0.0%	0.00	0.00		0.00	8,000.00	0.0%
6209 - SYR Riverware Model Peer Review	0.00	48,000.00	0.0%	0.00	0.00		0.00	48,000.00	0.0%
<b>Total 6200 - FISHERIES ACTIVITIES</b>	<b>35,664.15</b>	<b>382,500.00</b>	<b>9.3%</b>	<b>0.00</b>	<b>0.00</b>		<b>35,664.15</b>	<b>382,500.00</b>	<b>9.3%</b>
<b>6300 - HABITAT ENHANCEMENT</b>									
6303 - Tributary Projects Support	0.00	2,000.00	0.0%	0.00	0.00		0.00	2,000.00	0.0%
6304 - Engineering Designs - QC	4,740.80	33,000.00	14.4%	0.00	0.00		4,740.80	33,000.00	14.4%
6306 - Jalama Repair Design	0.00			0.00	0.00		0.00	0.00	0.0%
6307 - Quiota Creek Crossing #2									
6307-1 - Labor									
6307-1a - Resident Engineer	0.00	35,745.00	0.0%	0.00	0.00		0.00	35,745.00	0.0%
6307-1b - Project Administrator	1,760.16	15,000.00	11.7%	0.00	0.00		1,760.16	15,000.00	11.7%
6307-1c - Contract Administration	0.00	5,000.00	0.0%	0.00	0.00		0.00	5,000.00	0.0%
6307-1d - Permit Writing / Administration	132.01	3,000.00	4.4%	0.00	0.00		132.01	3,000.00	4.4%
6307-1e - Biological Monitoring	666.41	20,000.00	3.3%	0.00	0.00		666.41	20,000.00	3.3%
<b>Total 6307-1 - Labor</b>	<b>2,558.58</b>	<b>78,745.00</b>	<b>3.2%</b>	<b>0.00</b>	<b>0.00</b>		<b>2,558.58</b>	<b>78,745.00</b>	<b>3.2%</b>
6307-2 - Design, Permtg, Testing, Ovrsite	7,123.66	44,000.00	16.2%	0.00	0.00		7,123.66	44,000.00	16.2%
6307-3 - Bottomless Arched Culvert	57,997.05	159,800.00	36.3%	0.00	0.00		57,997.05	159,800.00	36.3%
6307-4 - Mobilization	0.00	29,000.00	0.0%	0.00	0.00		0.00	29,000.00	0.0%
6307-5 - Demolition, Disposal	0.00	20,736.00	0.0%	0.00	0.00		0.00	20,736.00	0.0%
6307-6 - Install, O & M Dewatering Sys	0.00	27,310.00	0.0%	0.00	0.00		0.00	27,310.00	0.0%
6307-7 - Erosion Cntrl - Revegetation	0.00	7,770.00	0.0%	0.00	0.00		0.00	7,770.00	0.0%
6307-8 - Site Ex, Stockpiling, Mat Prep	0.00	35,298.00	0.0%	0.00	0.00		0.00	35,298.00	0.0%
6307-9 - Over Ex, Footing Prep	0.00	22,266.00	0.0%	0.00	0.00		0.00	22,266.00	0.0%
6307-10 - Construct CIP Footing Prep	0.00	37,880.00	0.0%	0.00	0.00		0.00	37,880.00	0.0%
6307-11 - Install Prefab Arched Sys	0.00	30,048.00	0.0%	0.00	0.00		0.00	30,048.00	0.0%
6307-12 - Road Embkmtt Fill, Cmpct, Grad	0.00	39,640.00	0.0%	0.00	0.00		0.00	39,640.00	0.0%
6307-13 - Rd bse import, prep, grading	0.00	13,170.00	0.0%	0.00	0.00		0.00	13,170.00	0.0%
6307-14 - Install Asphaltic Cnctr Pvrment	0.00	25,432.00	0.0%	0.00	0.00		0.00	25,432.00	0.0%
6307-15 - Install Grdtrail, Bridgerail sys	0.00	85,360.00	0.0%	0.00	0.00		0.00	85,360.00	0.0%
6307-16 - Apply Bridge Coating Sys	0.00	16,000.00	0.0%	0.00	0.00		0.00	16,000.00	0.0%
6307-17 - Construct Rock Weir	0.00	35,427.00	0.0%	0.00	0.00		0.00	35,427.00	0.0%
6307-18 - Construct Rock Riffles	0.00	51,922.00	0.0%	0.00	0.00		0.00	51,922.00	0.0%
6307-19 - Install Rock Slope Protection	0.00	32,748.00	0.0%	0.00	0.00		0.00	32,748.00	0.0%
6307-20 - Perform Finish Grading	0.00	5,648.00	0.0%	0.00	0.00		0.00	5,648.00	0.0%
6307-21 - Cattle Exclusion Fencing	0.00	1,200.00	0.0%	0.00	0.00		0.00	1,200.00	0.0%
6307-22 - Replace Existing Fence	0.00	4,346.00	0.0%	0.00	0.00		0.00	4,346.00	0.0%
6307-23 - Site Clean-up and Demobilizatio	0.00	10,500.00	0.0%	0.00	0.00		0.00	10,500.00	0.0%
6307 - Quiota Creek Crossing #2 - Other	0.00			0.00	0.00		0.00	0.00	0.0%
<b>Total 6307 - Quiota Creek Crossing #2</b>	<b>67,679.29</b>	<b>814,246.00</b>	<b>8.3%</b>	<b>0.00</b>	<b>0.00</b>		<b>67,679.29</b>	<b>814,246.00</b>	<b>8.3%</b>
<b>Total 6300 - HABITAT ENHANCEMENT</b>	<b>72,420.09</b>	<b>849,246.00</b>	<b>8.5%</b>	<b>0.00</b>	<b>0.00</b>		<b>72,420.09</b>	<b>849,246.00</b>	<b>8.5%</b>
9600 - Extraordinary Items - reorg	0.00			0.00	0.00		0.00	0.00	0.0%
<b>Total Expense</b>	<b>205,598.15</b>	<b>1,981,815.00</b>	<b>10.4%</b>	<b>284,904.73</b>	<b>3,440,103.00</b>	<b>8.3%</b>	<b>490,502.88</b>	<b>5,421,918.00</b>	<b>9.0%</b>
<b>Net Income</b>	<b>-66,009.98</b>	<b>-35,745.00</b>	<b>184.7%</b>	<b>361,115.73</b>	<b>35,745.00</b>	<b>1,010.3%</b>	<b>295,105.75</b>	<b>0.00</b>	<b>100.0%</b>

ITEM # 36  
PAGE 9

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

[www.treasurer.ca.gov/pmia](http://www.treasurer.ca.gov/pmia)  
 -lai  
 September 16,  
 2011

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Transactions  
Tran Type Definitions

August 2011 Statement

Account Summary

Total Deposit:	0.00	Beginning Balance:	3,850.70
Total Withdrawal:	0.00	Ending Balance:	3,850.70

**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 August, 2011, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all LAIF investments of this agency for the period indicated.

Bruce Mowry  
 Secretary

ITEM # 36  
 PAGE 10

**SANTA BARBARA  
BANK & TRUST**

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

2327  
Cachuma Operation & Maintenance Board  
Master Contract Renewal Fund  
3301 Laurel Canyon Rd  
Santa Barbara CA 93105-2017

**Banking Statement**

Statement Period: 08/01/2011 to 08/31/2011

Customer Number:

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

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

www.sbbt.com

**Funds Availability Notice**

Beginning 07/11/11, when we hold funds you deposit by check, the first \$200 of the deposit will be available on the next business day, with limited exceptions



**Business Money Market**

**Checking Summary**

Cachuma Operation & Maintenance Board

**Master Contract Renewal Fund**

Account Number	102335072
Interest Paid YTD	13.21
Interest Paid Last Year	39.98

**Deposit Account Recap**

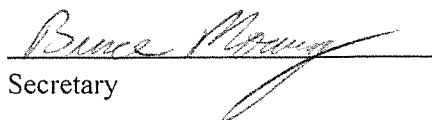
Beginning Balance as of	
August 1, 2011	10,037.86
1 Deposits (Plus)	2.56
Ending Balance as of	
August 31, 2011	10,040.42
Interest Paid	2.56

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

  
Secretary

ITEM # 36  
PAGE 11

**SANTA BARBARA  
BANK & TRUST**

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

2328  
Cachuma Operation & Maintenance Board  
Cachuma Project Trust Fund  
3301 Laurel Canyon Rd  
Santa Barbara CA 93105-2017

**Banking Statement**

Statement Period: 08/01/2011 to 08/31/2011

Customer Number.

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

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

www.sbbt.com

**Funds Availability Notice**

Beginning 07/11/11, when we hold funds you deposit by check, the first \$200 of the deposit will be available on the next business day, with limited exceptions



**Public Capital Tiered MMDA**

**Checking Summary**

Cachuma Operation & Maintenance Board

**Cachuma Project Trust Fund**

Account Number	102335080
Interest Paid YTD	235.10
Interest Paid Last Year	447.50

**Deposit Account Recap**

Beginning Balance as of	
August 1, 2011	123,214.01
1 Deposits (Plus)	36.63
Ending Balance as of	
August 31, 2011	123,250.64
Interest Paid	36.63

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

  
Secretary

ITEM # 36  
PAGE 12

comb2  
**Payment of Claims**  
As of August 31, 2011

	Date	Num	Name	Memo	Amount
1050 · GEN FUND	08/02/2011	20124	AECOM Technical Services, Inc.	TO#37 Prelim analysis/design rpt/prep 30% design	-48,646.88
	08/02/2011	20125	C. Philip Brittain	Install electrical hardware-board room a/c	-878.93
	08/02/2011	20126	Cardno ENTRIX	MURRP permit support/Task mgt/file mtce BO compliance-Jun	-2,181.75
	08/02/2011	20127	HDR Engineering, Inc.	BO/FMP Implem/Tech support-Jun/EI Jaro San Julian O&M-Jun/Quiota Crk xng 6 O&M tech-Jun/Salsi Crk Jalama Rd Fish ladder redesign-Jun/Quiota Crk fish psg design, xng 1-5, 7-9-Jun	-18,654.05
	08/02/2011	20128	MarBorg Industries	Portable toilets	-328.62
	08/02/2011	20129	MCR Technologies, Inc.	Labor-ck inflow meter-Ortega PO#9019	-873.60
	08/02/2011	20130	Melinda L. Fournier	Oak tree/honeysuckle-Lauro/Oak Tree-Cachuma-Jun	-17,482.00
	08/02/2011	20131	Mid-State Concrete Products	Sealant/step-manhole	-163.78
	08/02/2011	20132	MNS Engineers, Inc.	Update bid specifications PO#10-11-08	-370.00
	08/02/2011	20133	Nordman, Cormany, Hair & Compton	Gen Counsel-Jun services	-7,929.00
	08/02/2011	20134	Northwest Hydraulic Consultants	Task#1 Post project reporting/support-Jun/Task#2 Hilton Crk Channel enhance study-Jun	-5,881.87
	08/02/2011	20135	O'Reilly Automotive, Inc.	Battery	-103.52
	08/02/2011	20136	Questa Engineering Corp.	Permit Assistance-Mission Crk PO#10-11-14	-4,639.20
	08/02/2011	20137	Rauch Communication Consultants, L	Website develop/mtce	-3,920.00
	08/02/2011	20138	Santa Ynez River Water Cons. Dist. II	Stetson-SYR Hydrology supp-Apr/Stetson-Riverward-Feb-May/Hanson-BO Compliance supp-May-May, Jun	-6,131.40
	08/02/2011	20139	YSI Incorporated	Water quality logger/chlorophyll probe PO#9035	-8,064.65
	08/02/2011	20140	Bruce Mowry	Jul reimb-GM expenses	-2,519.31
	08/02/2011	20141	COMB - Revolving Fund	Aug 5 & 19 payroll/taxes	-92,550.63
	08/02/2011	20142	Scott Engblom	Jul Reimb	-181.26
	08/02/2011	20143	Scott Volan	Jul Reimb	-283.01
	08/02/2011	20144	Tim Robinson	Reimb ESRI conf	-2,011.10
	08/02/2011	20145	A.T.Z. Monogramming	COMB logo-shirts	-256.92
	08/02/2011	20146	Acorn Landscape Management Co.	Scheduled mtce	-253.17
	08/02/2011	20147	ACWA Health Benefits Auth. (HBA)	8/1-9/1/11 coverage	-18,296.90
	08/02/2011	20148	ACWA Health Benefits Authority (HBA)	Aug EAP	-38.94
	08/02/2011	20149	AT&T	Jul statement	-623.33
	08/02/2011	20150	Buena Tool Co.	Ear plugs	-9.27
	08/02/2011	20151	Business Card	Jackets/hats/nets/travel-meals-hotel-parking BO Strategy mtg/Computer items (new CCRB ofc)/Hotel-GM relocation/webhost Checks/envelopes/1099 tax supplies	-3,578.39
	08/02/2011	20152	Cashier, DPR	QAC cert-SK #126761	-30.00
	08/02/2011	20153	CIO Solutions, LP	Postini-Aug	-1,900.00
	08/02/2011	20154	Coastal Copy, LP	Copier mtce agmts	-489.07
	08/02/2011	20155	Dale Francisco	Jul mtg fees	-264.46
	08/02/2011	20156	Dell Marketing L.P.	Webcam/laptop carrying case PO#9039	-146.52
	08/02/2011	20157	Dennis E. Beebe	Jul mtg fees	-284.92
	08/02/2011	20158	ECHO Communications	Answering service	-62.93
	08/02/2011	20159	GE Capital	Copier lease Billing ID#90133933786	-494.57
	08/02/2011	20160	Growing Solutions	Plant care-MURRP site PO#8987	-100.00
	08/02/2011	20161	Hydrex Pest Control Co.	Ant/pest control	-84.00
	08/02/2011	20162	Lauren W. Hanson	Jul mtg fees	-266.20
	08/02/2011	20163	Milpas Rental	Spade, clay dirt breaker	-11.12
	08/02/2011	20164	Nextel Communications	Cellular	-411.74
	08/02/2011	20165	Northern Safety Co. Inc.	Saline fluid cartridges/sign-eye wash sta PO#9040	-223.71
	08/02/2011	20166	O'Reilly Automotive, Inc.	Battery	-95.46
	08/02/2011	20167	PG&E	NP/Teolote Tunnel	-208.44
	08/02/2011	20168	Republic Elevator Co.	Scheduled mtce-NP elevator	-533.82
	08/02/2011	20169	Robert R. Lieberknecht	Jul mtg fees	-284.86
	08/02/2011	20170	Sansum Clinic-Occupational Medicine	Pre-employment physical-D.Flora	-209.00
	08/02/2011	20171	Santa Ynez River Water Cons. Dist. II	Stetson-BO/FMP Implem tech supp/SYR Hydrol supp-May Stetson-BO/FMP Implem tech supp/SYR Hydrol supp-Jun Stetson-RiverWare Jun	-8,125.79
	08/02/2011	20172	State Compensation Insurance Fund	Payroll Report Jul 2011	-3,042.94
	08/02/2011	20173	Sun Coast Rentals	Forklift rental	-171.00
	08/02/2011	20174	Underground Service Alert of So. Calif	New ticket charges	-70.50
	08/02/2011	20176	W. Douglas Morgan	Jul mtg fees	-266.20
	08/02/2011	20177	WFCB-OSH Commercial Services	Wire brushes/rubber straps/tarp/cutters	-52.67
	08/03/2011	20178	United States Geological Survey	Agmt#11W4CAD44600 3rd Qrtly billing Agmt Dated 7/15/11	-18,462.50
	08/11/2011	20179	A-OK Mower Shops, Inc.	Chain for saw/oil-2 stroke/gas can	-215.42
	08/11/2011	20180	ACWA Health Benefits Auth. (HBA)	9/1-10/1/11 coverage	-17,057.04

comb2  
**Payment of Claims**  
 As of August 31, 2011

Date	Num	Name	Memo	Amount
08/11/2011	20181	American Fisheries Soc.	Invasive Asian Carps of North America (book)	-63.00
08/11/2011	20182	Bedrock Building Supplies	Cement activator	-15.95
08/11/2011	20183	Carpinteria Valley Lumber Company	Mortar mix/bucket	-8.77
08/11/2011	20184	CIO Solutions, LP	Postini-Aug	-42.50
08/11/2011	20185	City of Santa-Barbara	Refuse/recycle 6/30-7/29/11	-168.75
08/11/2011	20186	City of Santa Barbara-Central Stores	Safety vests/boots/insoles	-111.72
08/11/2011	20187	Cox Communications	Business internet Aug	-195.00
08/11/2011	20188	Culligan Water	RO system Aug	-24.95
08/11/2011	20189	Fed Ex Kinko's, Inc.	Mapbook (GIS)/Quiota Crk Xng 2 drawings copies	-551.05
08/11/2011	20190	Fleet Services	Fuel	-2,184.24
08/11/2011	20191	GE Capital	Copier lease Billing ID#90136047559	-133.61
08/11/2011	20192	MapLogic Corporation	MapLogic Layout Mgr Annual Mtce 9/9/11-9/8/12	-250.00
08/11/2011	20193	MarBorg Industries	Portable toilets	-328.62
08/11/2011	20194	Melinda L. Fournier	Oak tree/honeysuckle-Lauro/Oak Tree-Cachuma-Jul	-16,545.00
08/11/2011	20195	Milpas Rental	Chipper	-226.90
08/11/2011	20196	Paychex, Inc.	7/8,22 payrolls/taxes/qtrly delivery	-273.07
08/11/2011	20197	Powell Garage	06 Ranger Brakes/seals/wheel bearings	-335.84
08/11/2011	20198	Premiere Global Services	Conf. calls Jul	-145.53
08/11/2011	20199	SB Home Improvement Center	2x4's/concrete mix/adhesive/caulk gun/veh supp/chain coil	-143.02
08/11/2011	20200	Southern California Edison	Main ofc-outlying stations/Corona-Glen Anne Rd/Glen Anne gate	-1,653.13
08/11/2011	20201	Staples Credit Plan	Office Supplies	-155.19
08/11/2011	20202	State Compensation Ins. Fund	Deposit premium due Group#266 Policy 000064-11	-4,567.07
08/11/2011	20203	The Wharf	Field crew-pants/shirts	-1,687.79
08/11/2011	20204	UPS	Shipping	-11.79
08/11/2011	20205	Verizon California	Main ofc/outlying stations	-445.56
08/15/2011	20206	Network Solutions	9 Domain names renewal-1 yr-Balance of fee due	-90.00
08/17/2011	20207	Coastal Copy, LP	Service call-set up ME/DF computers	-135.00
08/17/2011	20208	CONTECH Construction Products, Inc	1/3 Deposit-bridge-Quiota Crk xng 2	-57,128.51
08/17/2011	20209	County of Santa--Barbara	Green waste/general garbage	-95.55
08/17/2011	20210	Famcon Pipe & Supply	Valves/flanges/gaskets	-579.15
08/17/2011	20211	Hydrex Pest Control Co.	Ant/pest control	-68.00
08/17/2011	20212	J&C Services	Cleaning services 7/22, 29, 8/5, 12	-500.00
08/17/2011	20213	Laser Cartridge Co.	4600 repair/fuser kit-assembly	-258.48
08/17/2011	20214	McCormix Corp.	Diesel fuel	-173.46
08/17/2011	20215	Milpas Rental	Jumping jack	-115.69
08/17/2011	20216	Nordman, Cormany, Hair & Compton	Gen Counsel-Jul services	-2,921.00
08/17/2011	20217	Prudential Overall Supply	Mats	-152.54
08/17/2011	20218	Rauch Communication Consultants, L	Newsletter-edits/proofing/submittal	-168.61
08/17/2011	20219	RJ Carroll & Sons, Inc.	Pipe PO#9045	-109.03
08/17/2011	20220	Southern California Edison	Foothill Rd	-33.98
08/17/2011	20221	Verizon California	SCADA	-521.56
08/17/2011	20222	Verizon Wireless	Cellular	-124.63
08/23/2011	20223	COMB - Revolving Fund	Sep 2,14 & 30 payrolls/taxes	-168,348.12
08/23/2011	20224	COMB-Petty Cash	Replenish petty cash	-378.14
Total 1050 - GENERAL FUND				<u>-562,585.86</u>
				<u>-562,585.86</u>

## Board Operations Committee Meeting

To be held at  
**Cachuma Operation & Maintenance Board**  
3301 Laurel Canyon Road  
Santa Barbara, CA 93105

Thursday, September 8, 2011  
2:30 p.m..

### AGENDA

1. **Call to Order**
2. **Public Comment** – (Any member of the public may address the Committee relating to any matter within the Committee’s jurisdiction. Individual speakers may be limited to five minutes; all speakers a total of fifteen minutes.)
3. **Easement Issues**
  - a. **Easement access for Maintenance and Inspections**
  - b. **Oak Tree Removal**
4. **Review Modified Upper Reach Reliability Project**
5. **Use of Consultants for Operations Projects**
6. **Review of Safety Compliance of COMB Facilities**
7. **Bureau of Reclamation Management Agreement with the County of Santa Barbara**
  - a. **Water Park**
  - b. **Full Body Contact**
  - c. **Beach**
8. **Adjournment**

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

ITEM # 4a  
PAGE 1

**Board Fisheries Committee Meeting**

To be held at  
**Cachuma Operation & Maintenance Board**  
3301 Laurel Canyon Road  
Santa Barbara, CA 93105

**Wednesday, September 14, 2011**  
**11:00 a.m.**

**Agenda**

1. **Call to Order**
2. **Public Comment** – (Any member of the public may address the Committee relating to any matter within the Committee’s jurisdiction. Individual speakers may be limited to five minutes; all speakers a total of fifteen minutes.)
3. **Review 2009 Monitoring Report**
4. **Use of Consultants for Fisheries Projects**
5. **Adjournment**

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

ITEM # 46  
PAGE 1



# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	September 26, 2011
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

---

**SUBJECT:** Report of the General Managers Meeting, September 7, 2011

---

**SUMMARY:**

The following two topics were discussed during the September General Managers meeting. The COMB General Manager is requesting the Board to consider approval of the following:

- a. Authorize Legal Expense for Review of Master Contract and all related agreements – The Managers have recommended that a thorough review of the Master Contract and all related agreements should be performed by the General Manager of COMB and to be discussed over the next several months at the monthly general managers' meeting with assistance from the COMB General Counsel to assure that the implementation of the water accounting utilized in distributing cost would be a desired Cost/Benefit activity to establish a better understanding by all member agencies. Presently COMB applies an accounting method that is a set of instructions that have been developed over the years without clear linkage to these agreements.
- b. COMB Workload Management System – The Managers have recommended that COMB perform the construction management services for the Modified Upper Reach Reliability Project because they have this expertise, but they would recommend that some of the savings resulting in doing this work with COMB staff be utilized to improve their workload management system. This system would be developed with the assistance of an outside firm that has experience in this area to better schedule, track the work accomplished and cost of this effort for both the Operations and Fisheries Divisions of COMB.

**FISCAL IMPACTS:**

The 2011/2012 Budget established an account to perform a Cost/Benefit Analysis and the Construction Management Services costs are within the Modified Upper Reach Reliability Project budget.

**LEGAL CONCURRENCE:**

The item for the Legal review of the Master Agreement and all trailing agreements has been discussed with General Counsel.

**ENVIRONMENTAL COMPLIANCE:**

N/A

**COMMITTEE STATUS:**

N/A

**RECOMMENDATION:**

ITEM # 6 a+b  
PAGE 1

- a. Direct General Counsel to work with the General Manager in the review of the Master Contract and all other agreements related to the accounting of water by COMB and authorize that this additional legal assistance by General Counsel to be charge against Account 5513 Cost/Benefit Analysis up to \$25,000.00 .
- b. Direct the General Manager to prepare a Request for Proposals to retain a firm with expertise in workload management systems and to present this firm to the Board at the January 2012 Board meeting for approval.

**LIST OF EXHIBITS:**

1. Agenda of General Mangers' Meeting of September 7, 2011

ITEM # 6 a+b  
PAGE 2

# COMB General Managers Meeting

To be held at  
Cachuma Operation & Maintenance Board  
3301 Laurel Canyon Road, Santa Barbara

September 7, 2011  
at 8:30 a.m.

## AGENDA

1. Call to Order
2. Tecolote Tunnel – Discussion on Water Infiltration
3. Bureau of Reclamation Management Agreement with the County of Santa Barbara
  - a. Water Park
  - b. Full Body Contact
  - c. Beach
4. CIP Special Projects
  - a. Modified SCC Upper Reach Reliability Pipeline Project Design Update
  - b. COMB to Perform Construction Management and Administration of Project
5. Operations
  - a. Easement issues – Oak Trees
  - b. Update on Brown Property
  - b. Courtesy Letter to Property Owners
  - d. Boundary Meter
6. Agenda Items for Next Regular Meeting
7. Date of Next Regular Meeting: October 5, 2011 at 8:30 a.m.
8. Adjournment

## Operations Report – August 2011

The average flow from Lake Cachuma into the Tecolote Tunnel for June was 90.82 acre-feet per day. The lake elevation was 751.12 feet at the beginning of the month and 749.50 feet at the end. The storage change was -4,762 acre-feet. 80.0 acre-feet of State Water Project water was wheeled through Cachuma Project facilities and delivered to South Coast Member Units during the month.

Activities conducted this period include:

- USBR with staff's assistance inspected various facilities for asbestos. Material samples were taken to be analyzed. A final report will be issued from the Bureau within the next several months.
- With Staff assistance, USBR performed an annual inspection review of Lauro Dam security. No issues were noted at this time. Contact information was shared for future reference.
- A USBR team of inspectors performed annual inspections of all local Dam facilities. Previous recommendations for improvement were reviewed for compliance and minimal additional recommendations were issued.
- Newly planted oak trees above the SCC adjacent to the Birnam Woods Golf course have not been addressed to date. Staff understands the MWD will contact the property manager requesting removal of the oak trees.
- Several lower reach manholes were re-inspected for water infiltration. Manhole water levels remain low at this time. Staff provided in house traffic control with the approval of Caltrans when within their right of way. Staff will continue to inspect a few structures that contained water and will pump out as required.
- Staff is currently assisting the Biology staff on a daily basis with Quiota Creek Crossing 2 inspections. This task requires daily inspection per County permit requirements. COMB is performing oversight as the Resident Engineer of Record. All phases of the project require close attention to detail and precise record keeping. The project is proceeding ahead of schedule and on budget.
- Staff has received materials associated with one lower reach air valve upgrade project. Staff intends to upgrade one structure in house the week of September 26th. This project will determine how staff proceeds with remaining work. Manholes with working valves can be done in house without shut downs, otherwise staff will work on developing a larger project with member agency and contractor assistance.
- The elevator at the North Portal has been repaired. Staff requested a second proposal from a new vendor (Turner & Sons Company) to repair leaks in the shaft. A field visit was held in September 2011. Staff has received a revised

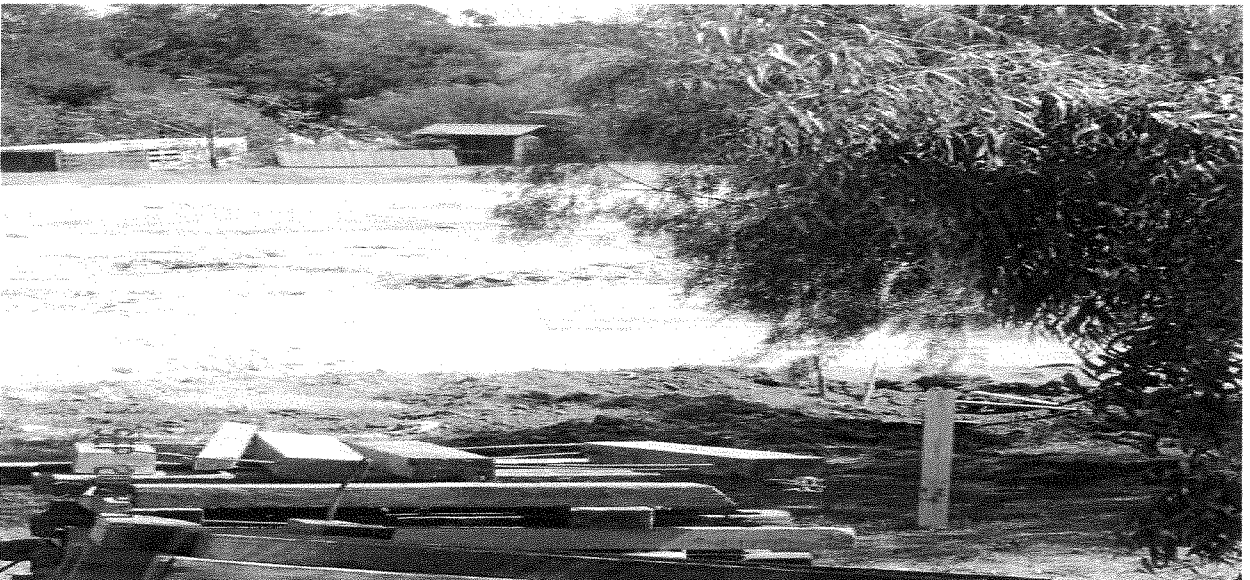
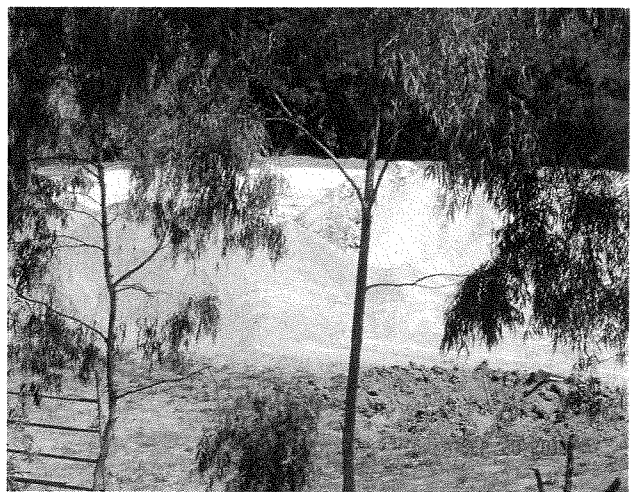
quote to seal the leaks in the elevator shaft (budgeted item), which was cost favorable. At the time of the site inspection, water infiltration in the elevator shaft was minimal. This budget item may be utilized on another higher priority project pushing this repair out into the next Fiscal Year.

- COMB staff has agreed to make JPIA recommend changes to the access doors in Carpinteria Reservoir pit area. COMB has requested that Carpinteria agree to make JPIA recommended repairs to the upper vault adjacent to the reservoir. No agreement has been confirmed to date.
- An emergency table top exercise will be conducted the week of September 26<sup>th</sup> concerning valveing operations required for a break in the 48" line between the San Marcus isolation valve and CDMWTP. Staff will discuss with new hires on how to safely valve out the conduit in the event of an SCC break.
- Lauro debris basin clearing is budgeted in FY 2011-2012. Staff continues to dry out the basin as much as possible in order to begin the project. Staff has received other competitive proposals to perform the work. A new sump pump has been purchased to replace the burned out one and will be installed after the silt is removed. The contract for this work will need to be approved by the Board prior to P.O. issuance, as the cost is estimated to be over \$25,000 (under \$30,000).
- Staff continues to work on the Modified Upper Reach Reliability Project keeping reliability as the project premise. Staff will include member agencies in all meetings and copy on all correspondence. Permitting and right of way issues are proceeding per schedule.
- COMB's next quarterly C.I.P. meeting will be held October 6<sup>th</sup> at 9:30 a.m. at the COMB office.
- Over burden conditions still exist on the Brown property. The County of Santa Barbara issued a compliance letter to the Browns stating that they would issue an emergency grading permit for work within the COMB easement, but the overall project required extensive review. COMB staff has not been contacted concerning the letter issued in September to the Browns from COMB's general counsel. COMB staff has noted new piles of sand/dirt within the easement on the Brown Property. County Planning has been notified and the attached pictures have been included in the notification.
- With COMB staff supervision, the California Department of Forestry (CDF) supplied a crew to clear debris at the Glen Anne location.
- COMB new hires will need to be confined space trained and fit tested with their particle masks/respirators. A Quotation was received from SECORP for COMB staff, but it would be more cost effective if member agencies were involved.

Routine monthly operation and maintenance activities conducted during this period included:

- Daily structure maintenance per maintenance program
- Water samples taken at the North Portal Intake Tower
- Fish screens were pulled and cleaned
- Monitored conduit right-of-way and responded to Dig Alert reports
- Read piezometers and underdrains at Glen Anne, Lauro, Ortega and Carpinteria Dams
- Remove undesirable vegetation from dam faces and other structures
- Place rodent bate traps all facilities
- Meter reads, monthly dam inspections, and venturi meters flushed monthly
- Prepare and distribute pesticide use report
- Monitor dam conditions and send report to USBR
- Monitor cathodic protection at Lauro Yard (54" steel pipe)
- Weekly safety meetings

# Brown Property



# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	September 26, 2011
Submitted by:	Jim Colton
Approved by:	Bruce Mowry

---

**SUBJECT:** Boundary Meter Upgrade

---

**SUMMARY:**

The Boundary Meter measures flow downstream of the Ortega Reservoir, south of the Toro Canyon meter. The meter is physically located south easterly of Toro Canyon Road (downstream of four inline meters). The accuracy of the Boundary meter has been a topic of discussion for several years. COMB staff agrees that the installation of the meter is not per manufactures recommendations, (as it is installed vertically within a manhole rise), and have noted recent inaccuracies with the readings after the meter was calibrated by a professional meter calibration company. During calibration the technician also noted that the existing meter was operating within specifications but was out of date and suggested that COMB consider updating the meter and associated software and electronics, all located onsite. As the reliability of this meter has been in question and in light of the recent performance glitches COMB staff has been researching replacement options. As such, COMB contacted a meter company (Technoflo) and an electronics integration specialist (TESCO Controls) for upgrade recommendations. Technoflo suggested a site visit to look at the current configuration, which was completed two weeks ago. They also suggested that we consider updating the meter and electronics as no one manufactures or services the existing models anymore. COMB received and reviewed their submittals and meter placement recommendations. One recommendation was to install the meter upstream of the existing meter in a straight piece of pipe and place a new control box at the new location. COMB staff then contacted a general contractor who suggested that we consider a hot tap and a saddle installation inside of a new vault. As this option appears to be within an acceptable cost range, COMB staff will work with this contractor to fully investigate this option. The final package will include; a new insertion type meter (installed directly into the pipe away from local disturbances), new electronics, and new SCADA control interface.

**FISCAL IMPACTS:**

As this project is of higher priority (billing meter), staff recommends using budgeted funds out of the existing North Portal crack repair line item (6096) along with partial funds saved from debris basin silt removal negotiations (6102). Final fiscal impacts will be discussed at the next Board meeting after final costs have been defined.

**LEGAL CONCURRENCE:**

N/A

**ENVIRONMENTAL COMPLIANCE:**

N/A

ITEM # 76  
PAGE 1



**COMMITTEE STATUS:**

N/A

**RECOMMENDATION:**

Direct Staff to fully investigate the costs of upgrading the Boundary Meter and associated electronics and report back to the Board at the next meeting.

**LIST OF EXHIBITS:**

N/A.

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	September 26, 2011
Submitted by:	Jim Colton
Approved by:	Bruce Mowry

---

**SUBJECT:** COMB O & M Work Plan

---

**SUMMARY:**

As COMB's experienced O&M Staff perform a wide variety of duties it is difficult to maintain a rigid non flexible maintenance program. Staff has developed a system of tracking daily maintenance activities associated with structures and control stations through a spreadsheet linked data base program. A team of two workers are consistently dedicated to a rigid schedule of structure only maintenance which is tracked through the new software program along with an updated structure map of completed locations by date. Control station and dam maintenance activities are performed by remaining staff as time allows and these activities are tracked through time sheet entries with associated codes. Findings are discussed on a daily basis and schedules are adjusted as necessary to maintain a balance between preventative and necessary repairs. Staff has noted that some structures show signs of neglect and fully support COMB's effort to visit each structure at least once per year. The computer program allows field entries to track current structure condition along with recommended actions for the next visit. This information is valuable and allows crews to outfit their trucks with the necessary tools and materials required for the next field visit.

One future goal of the O&M work plan program would be to fully integrate time card labor codes, material costs, and expenses into reporting software that would be easily viewed by management for budgetary purposes.

**FISCAL IMPACTS:**

Costs to be defined for Consultant support for future software integration program and software purchase. As COMB staff will be undertaking the construction management duties for the Modified Upper Reach Reliability Project (MURRP) the savings realized could be utilized to supplement the purchase of this software. The new MURRP structures could be uploaded into the new software for future maintenance tracking; therefore costs for the software could be included as a line item in the project.

**LEGAL CONCURRENCE:**

Legal Counsel will need to concur that identified funds for the software purchase and consultant could be paid for out of this project.

**ENVIRONMENTAL COMPLIANCE:**

N/A

**COMMITTEE STATUS:**

ITEM # 7c  
PAGE 1

N/A

**RECOMMENDATION:**

Direct Staff to define consultant and software costs as defined in the memo "Report of the General Managers Meeting, September 7, 2011" regarding Workload Management Systems.

**LIST OF EXHIBITS:**

N/A

ITEM # 7c  
PAGE 2

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	September 26, 2011
Submitted by:	Jim Colton
Approved by:	Bruce Mowry

---

**SUBJECT:** Contract for Lauro Debris Basin Cleaning

---

**SUMMARY:**

Contract will be presented at the Board meeting.

**FISCAL IMPACTS:**

None

**LEGAL CONCURRENCE:**

N/A

**ENVIRONMENTAL COMPLIANCE:**

N/A

**COMMITTEE STATUS:**

N/A

**RECOMMENDATION:**

Recommend approval of contract for Lauro Debris Basin cleaning.

**LIST OF EXHIBITS:**

ITEM # 7d  
PAGE 1

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	September 26, 2011
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

---

**SUBJECT:** Modified Upper Reach Reliability Project Professional Consulting Agreement

---

**SUMMARY:**

Options will be presented at the Board meeting.

**FISCAL IMPACTS:**

None

**LEGAL CONCURRENCE:**

N/A

**ENVIRONMENTAL COMPLIANCE:**

N/A

**COMMITTEE STATUS:**

N/A

**RECOMMENDATION:**

Recommend approval for Modified Upper Reach Reliability Project Consulting Services Agreement to complete contract documents.

**LIST OF EXHIBITS:**

ITEM # 8a  
PAGE 1

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	September 26, 2011
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

---

**SUBJECT:** Modified Upper Reach Reliability Project Construction Management Services

---

**SUMMARY:**

This item was presented at the August COMB Board meeting with the following action: "Director Morgan moved to approve COMB's staff to perform the Construction Management Services on the Upper Reach Reliability Project with assistance from outside sources for material testing, labor compliance and other services as necessary, seconded by Director Lieberknecht." After discussion Director Morgan requested that this item be discussed at the next general managers' meeting and brought back to the Board for consideration.

This item was discussed at the general managers' meeting of September 7<sup>th</sup> meeting and the managers recommended that the Board approve to have COMB staff perform the construction management services for this project and would further recommend that some of the cost savings that should result from self-performing these services should be applied to retain an outside consultant to assist COMB in developing an improved workload management system. It was stated that they believe that the best utilization of COMB's staff time would result in this action with significant benefits occurring from both of these actions.

**FISCAL IMPACTS:**

N/A

**LEGAL CONCURRENCE:**

N/A

**ENVIRONMENTAL COMPLIANCE:**

N/A

**COMMITTEE STATUS:**

N/A

**RECOMMENDATION:**

Action to approve COMB staff to perform the Construction Management Services on the Upper Reach Reliability Project with assistance from outside sources for material testing, labor compliance and other services as necessary.

**LIST OF EXHIBITS:**

N/A

ITEM # 86  
PAGE 1

# CACHUMA OPERATION AND MAINTENANCE BOARD

## MEMORANDUM

**DATE:** September 26, 2011  
**TO:** Board of Directors  
**FROM:** Tim Robinson, Sr. Resource Scientist  
Bruce Mowry, General Manager  
**RE: August 2011 LOWER SANTA YNEZ RIVER FISHERIES REPORT**

In compliance with the Cachuma Project Biological Opinion (BO) and as described in the Lower Santa Ynez River Fish Management Plan (FMP) and the Monitoring Program in the revised Biological Assessment (BA), the Cachuma Project Biology Staff (CPBS) conducts routine monitoring of steelhead/rainbow trout and their habitat on the Lower Santa Ynez River (LSYR) below Bradbury Dam. The following is a list of activities carried out by CPBS during the month of August 2011 that has been broken out by categories.

### **Snorkel Surveys:**

Snorkel surveys are conducted at the end of the spring, summer and fall each year. The summer survey was initiated in August and will be finished in September. The results will be presented during the next COMB Board meeting.

### **Thermograph Network:**

All thermographs were deployed at the beginning of June to record water temperatures at all designated locations within the LSYR mainstem and several tributaries. The units are downloaded monthly and the results are summarized in the Annual Monitoring Report.

### **Lake Cachuma Water Quality Profiles:**

CPBS conducted their monthly water quality profile (temp and DO) at the intake barge for the Hilton Creek Watering System within Lake Cachuma. This monitoring effort is done from May through November to track water quality and lake stratification to depth.

### **Tributary Project - Crossing 2:**

This project began construction on September 6, 2011. The project has been going well and the contractor should be done on time.

### **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.

ITEM # 9a  
PAGE 1

**Table 1:** Summary of the surcharge water accounting.

<b>Accounts*</b>	<b>Allocation</b>	<b>Amount Used**</b>	<b>Amount Remaining</b>
<b>Units:</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>
<b>Fish Passage</b>	3,200	0	3,200
<b>Adaptive Management</b>	500	0	500
<b>Rearing***</b>	5,242	2,500	2,742
<b>Total:</b>	8,942	2,500	6,442

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

\*\* Values as of 8/31/11

\*\*\* This is not an official account and is what remains after subtracting the other two accounts.

**Reporting:**

CPBS has been receiving final comments on the draft 2009 Annual Monitoring Report. The report should be delivered to NMFS during the last week of September. Progress was made on the 2010 Annual Monitoring Report that will be ready for review by the end of the summer. The Sr. Resource Scientist did attend the first Cachuma Project Biological Opinion reconsultation meeting with NMFS in Long Beach on 8/22/11 to answer any questions about the monitoring and restoration efforts of southern steelhead on the Lower Santa Ynez River by COMB.

**Outreach and Training:**

The Cachuma Project Biology Staff continued to meet with landowners on Quiota Creek in preparation for constructing fish passage projects this fall. CPBS worked with NMFS on their flow and water temperature monitoring effort on the Lower Santa Ynez River.

**Consultant Activity Summary (August):**

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

**HDR Fisheries Design Center** (Mike Garello) – Design work for Quiota Creek Crossings in preparation for project permitting, regulatory review and grant proposals. Bid packet materials for the Quiota Creek Crossing 2 project.

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

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



# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date: 9/26/11  
Submitted by: Bruce Mowry and  
Tim Robinson  
Approved by: Bruce Mowry

---

**SUBJECT:** Quiota Creek Crossing 2 Fish Passage Improvement Project – Update

---

**SUMMARY:**

The COMB Board awarded the construction contractor to the lowest bidder, Peter Lapidus Construction. The project began as scheduled on September 6, 2011. The site was dewatered and all fish and frogs moved up as set forth in the Fish Relocation Plan that was approved by NMFS and CDFG (Figure 1). As of 9/20/11, the foundation for the bottomless arched culvert have been poured (Figure 2), one of the rock riffles installed and installation of the one rock weir began today. The prefabricated arch (Figure 3) will be delivered and installed during the first week of October. The project is on schedule and should be completed by November, 2011.

**FINANCIAL IMPACT:**

The project is within budget and as reflected in the FY11-12 Comb Budget for \$735,501. Tracking of the California Department of Fish and Game (CDFG) grant funds of \$735,501 are as follows:

	<b>COMB Budget</b>
<b>COMB Services</b>	In-kind
<b>Operating Expenses</b>	\$44,000
<b>Construction</b>	\$691,501
<b>Total</b>	<b>\$735,501</b>
<hr/>	
<b>CDFG Grant Funds</b>	<b>\$735,501</b>
<b>Operating Expenses</b>	\$44,000
<b>ConTech Arc (delivered)</b>	\$180,000
<b>Contractor</b>	\$424,623
<b>Change Order #1</b>	\$7,200
<b>Contingency:</b>	<b>\$79,678</b>

**CHANGE ORDER:** Between the project plans used for the bidding process and the conformed plans for construction, ConTech (designer of the bottomless arched culvert) requested a change in the dimensions of the foundations for the bottomless arched culvert. This resulted in an unexpected increase in the size and cost of the foundations of \$7,200. This change order (Charge Order #1) was approved by the COMB General Manager prior to pouring the foundations on 9/19/11

**LEGAL CONCURRENCE:**

N/A

ITEM # 96  
PAGE 1

**ENVIRONMENTAL COMPLIANCE:**

N/A

**COMMITTEE STATUS:**

N/A

**RECOMMENDATION:**

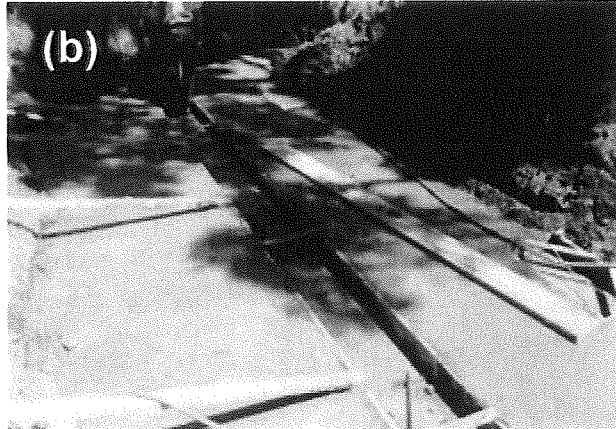
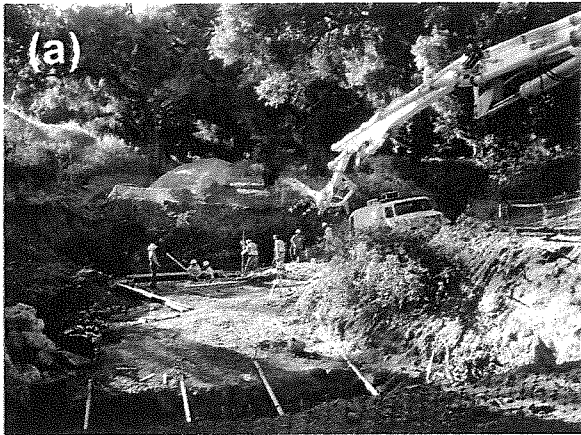
Staff recommends that the COMB Board approve Change Order #1.

**LIST OF EXHIBITS:**

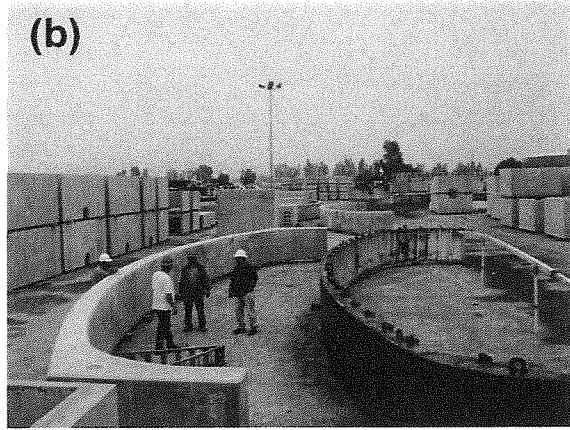
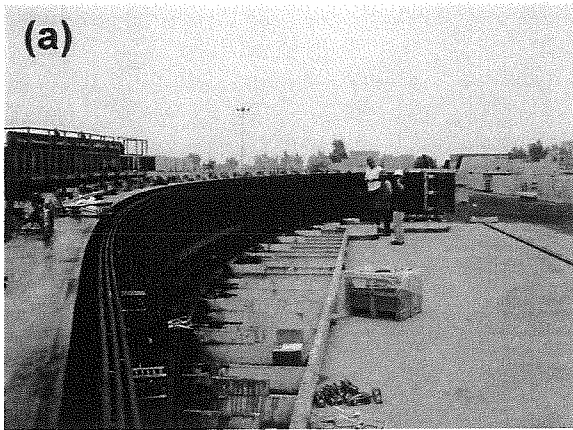
Figures 1-4



**Figure 1:** Dewatering of the Quiota Creek Crossing 2 project site on 9/6/11 looking (a) upstream and (b) downstream before dewatering, and (c) upstream and (d) across the crossing after dewatering.



**Figure 2:** Pouring of the foundations for the 60-foot bottomless arched culvert on 9/19/11; (a) pouring the southern foundation and (b) removing the forms of the keyway for the bottomless arched culvert.



**Figure 3:** Fabrication of the 60-foot bottomless arched culvert in Fontana on 9/16/11; (a) setting the rebar within the mold and (b) coming out of the mold.



**10-11 ENTITLEMENT**

**CACHUMA OPERATION AND MAINTENANCE BOARD  
WATER PRODUCTION AND WATER USE REPORT  
FOR THE MONTH OF AUGUST 2011 AND THE WATER YEAR TO DATE**

(All in rounded Acre Feet)

	MONTH TOTAL					YTD TOTAL
<b>WATER PRODUCTION:</b>						
Cachuma Lake (Tec. Diversion)				2,816		24,360
Tecolote Tunnel Infiltration				101		1,754
Glen Anne Reservoir				0		0
Cachuma Lake (County Park)				10		71
State Water Diversion Credit				80		769
Gibraltar Diversion Credit				0		0
Bishop Ranch Diversion				0		100
Meter Reads				2,652		24,465
So. Coast Storage gain/(loss)				0		(67)
<b>Total Production</b>				<b>2,926</b>		<b>26,185</b>
<b>Total Deliveries</b>				<b>2,733</b>		<b>25,267</b>
Unaccounted-for				194		918
% Unaccounted-for				6.62%		3.50%
<b>WATER USE:</b>	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRWCD I.D. #1</b>	<b>TOTAL</b>
M&I	933	652	376	163	10	2,135
Agricultural	309		47	161		517
<b>TOTAL FOR MONTH</b>	<b>1,243</b>	<b>652</b>	<b>423</b>	<b>324</b>	<b>10</b>	<b>2,652</b>
Same Mo/prev. yr	1,322	611	200	484	20	2,637
M&I Yr to date	8,438	8,804	2,140	1,309	71	20,763
Ag. Yr to date	1,744	0	239	1,076	0	3,059
<b>TOTAL YTD</b>	<b>10,183</b>	<b>8,804</b>	<b>2,379</b>	<b>2,385</b>	<b>71</b>	<b>23,822</b>
USAGE % YTD	74.5%	59.8%	55.4%	52.5%	10.5%	62.8%
<b>Previous Year/YTD</b>	<b>10,688</b>	<b>6,839</b>	<b>2,782</b>	<b>2,570</b>	<b>62</b>	<b>22,941</b>
Evaporation	0	0	0	0	0	0
Evaporation, YTD	11	104	17	16	1	149
Entitlement	9,322	8,277	2,651	2,813	2,651	25,714
Carryover	1,566	6,754	1,122	1,231	112	10,785
Carryover Balances Spilled YTD	0	(2,547)	(529)	(339)	(7)	(3,422)
Surplus^^	1,879	1,804	470	457	488	5,098
State Water Exchange^	920	613	613	409	(2,555)	0
Transfers*/Adjustment***	0	0	0	0	0	0
Passthrough H2O**	0	0	0	0	0	0
<b>TOTAL AVAILABLE</b>	<b>13,687</b>	<b>14,901</b>	<b>4,327</b>	<b>4,571</b>	<b>689</b>	<b>38,175</b>
<b>REMAINING BALANCE</b>	<b>3,493</b>	<b>5,993</b>	<b>1,931</b>	<b>2,170</b>	<b>617</b>	<b>14,204</b>

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

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

GWD 0 AF (Morehart 0 AF); City of S.B. 0 AF; and LaCumbre 80 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 199 AF; MWD received 133;

City of SB received 133 AF; and CVWD received 88 AF from ID#1 in AUGUST 2011.

^^ Spill declared 3/20/2011 - Spill declared over 5/13/2011

ITEM # 10a

PAGE 2

CACHUMA OPERATION AND MAINTENANCE BOARD  
WATER STORAGE REPORT

MONTH: August 2011

GLEN ANNIE RESERVOIR

Capacity at 385' elevation:	518 Acre Feet
Capacity at sill of intake at 334' elevation:	21 Acre Feet
Stage of Reservoir Elevation	345.00 Feet
Water in Storage	74.07 Acre Feet

LAURO RESERVOIR

Capacity at 549' elevation:	600 Acre Feet
Capacity at sill of intake at 512' elevation:	84.39 Acre Feet
Stage of Reservoir Elevation	546.50 Feet
Water in Storage	539.68 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	450.50 Feet
Water in Storage	30.97 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	379.10 Feet
Water in Storage	32.87 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	603.52 Acre Feet
	0.24 Acre Feet

CACHUMA RESERVOIR\*

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

Stage of Reservoir Elevation	749.5 Feet
Water in Storage	185,175 AF
Area	2,923
Evaporation	1,653.5 AF
Inflow	431 AF
Downstream Release WR8918	0 AF
Fish Release	803.6 AF
<b>Spill/Seismic Release</b>	0 AF
State Project Water	80 AF
Change in Storage	-4,762 AF
Tecolote Diversion	2,652.3 AF

**Rainfall: Month: 0.00 Season: 0 Percent of Normal: 0%**

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

**SUMMARY OF WATER USED**

CACHUMA PROJECT - CONTRACT #175R-1802

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

Contract Entity: Carpinteria Valley Water District  
Last updated by C.O.M.B. 8/31/11

Approved Schedule Current Year: 2813  
Carryover Previous Year: 1231

Month	TOTAL WATER USED		WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Total	M & I	Agr
Oct	136	114	7	251	258	140	117
Nov	138	88	3	226	229	140	89
Dec	127	62	2	189	191	128	63
Jan	66	33	1	99	100	67	33
Feb	33	21	1	54	55	34	22
Mar	35	21	2	57	58	37	22
Apr	160	130	0	0	0	0	0
May	178	173	0	0	0	0	0
Jun	117	110	0	0	0	0	0
Jul	156	163	0	0	0	0	0
Aug	163	161	0	0	0	156	163
Sep			0	0	0	163	161
Total	1,310	1,077			2,387		

**CONVERSIONS**

STORAGE WATER		CURRENT SCHEDULE	
M & I	Agr	M & I	Agr
0	0	0	0
0	0	0	0
0	0	0	0
19	-19	0	0
34	-34	0	0
37	-37	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
Total	M&I	AG	Total
1,231	456	775	2,813
Begin Bal			12
ID#1 Ex+12			0
			0
			0
			0
			0
Exch+8/Spill-339/Surplus+20			0
ID#1 Ex+47/Surplus+290			28
ID#1 Ex+67/Surplus+147			337
ID#1 Ex+76			214
ID#1 Ex+111			76
ID#1 Ex+88			111
			88
			0

REMAINING BALANCES		REMAINING BALANCES	
Total	M&I	AG	Total
973	316	658	2,825
744	176	569	1,800
553	48	506	1,800
453	0	454	1,800
398	0	398	1,800
0	0	0	1,800
0	0	0	1,800
0	0	0	1,800
0	0	0	1,800
0	0	0	1,800
0	0	0	1,800
0	0	0	1,800
0	0	0	1,800
0	0	0	1,800
0	0	0	1,800

ITEM # 10a  
PAGE 4

TOTAL 2,167

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

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

Contract Entity: Goleta Water District  
 Last updated by C.O.M.B. 8/31/11

Month	Approved Schedule Current Year		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT		
	9322	1566		M & I	Agr	Total	Evap	Div	Total	M & I	Allocation	AGr
Oct	698	191	889	9	889	898	705	193	0	0	0	0
Nov	632	115	747	2	666	668	565	103	69	13	83	647
Dec	564	83	647	0	0	0	0	0	564	37	651	647
Jan	614	37	651	0	0	0	0	0	614	104	680	680
Feb	576	104	680	0	0	0	0	0	576	55	667	667
Mar	612	55	667	0	0	0	0	0	612	120	1,072	1,072
Apr	952	120	1,073	0	0	0	0	0	952	268	1,358	1,358
May	1,090	268	1,358	0	0	0	0	0	1,090	173	948	948
Jun	775	173	948	0	0	0	0	0	775	289	1,281	1,281
Jul	992	289	1,281	0	0	0	0	0	992	309	1,242	1,242
Aug	933	309	1,242	0	0	0	0	0	933	0	0	0
Sep												
Total	8,438	1,745	10,183									

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

Month	REMAINING BALANCES		Total
	M & I	AG	
Oct	668	73	741
Nov	0	0	0
Dec	0	0	0
Jan	0	0	0
Feb	0	0	0
Mar	0	0	0
Apr	0	0	0
May	0	0	0
Jun	0	0	0
Jul	0	0	0
Aug	0	0	0
Sep	0	0	0
Total	668	73	741

3,493

TOTAL



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

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

Contract Entity: Montecito Water District  
 Last updated by C.O.M.B. 8/31/11

Month	Approved Schedule Current Year		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT			
	M & I	Agr		total	Evap	Div	Acre-feet	Total	M & I	Agr	Total	M & I	Agr
Oct	179	25	204	6	204	204	185	210	26	0	0	0	0
Nov	150	24	174	3	174	174	153	177	24	0	0	0	0
Dec	87	6	93	2	93	93	88	95	6	0	0	0	0
Jan	0	0	0	1	0	0	0	1	1	0	0	0	0
Feb	0	0	0	2	0	0	0	2	2	0	0	0	0
Mar	100	6	106	3	106	109	102	109	6	0	0	0	0
Apr	255	19	274	0	0	0	0	0	0	0	255	19	274
May	339	37	376	0	0	0	0	0	0	0	339	37	376
Jun	254	27	282	0	0	0	0	0	0	0	254	27	281
Jul	400	48	448	0	0	0	0	0	0	0	400	48	448
Aug	376	47	423	0	0	0	0	0	0	0	376	47	423
Sep													
Total	2,140	239	2,379										

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	-16	16	0	0	1,122	1,112	2,386	2,651

Month	REMAINING BALANCES	
	M & I	Agr
Oct	912	265
Nov	735	265
Dec	640	265
Jan	639	265
Feb	637	265
Mar	0	265
Apr	0	246
May	0	209
Jun	0	182
Jul	0	134
Aug	0	87
Sep	0	0
Total	912	265

TOTAL 1,932

TOTAL 1,932

ITEM # 10a  
 PAGE 6

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

Contract Entity: City of Santa Barbara  
 Last updated by C.O.M.B. 8/31/11  
 Approved Schedule Current Year 8277  
 Carryover Previous Year 6754  
 Contract Year: 10/1/10 to: 9/30/11

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Total	M & I	Agr	Total
Oct	691	0	38	691	729	729	0	0
Nov	814	0	21	814	835	835	0	0
Dec	850	0	11	850	861	861	0	0
Jan	573	0	10	573	583	583	0	0
Feb	509	0	11	509	520	520	0	0
Mar	665	0	13	665	678	678	0	0
Apr	987	0	0	987	0	0	987	987
May	1,386	0	0	1,386	0	0	1,386	1,386
Jun	930	0	0	930	0	0	930	930
Jul	747	0	0	747	0	0	747	747
Aug	652	0	0	652	0	0	652	652
Sep								
Total	8,804	0			8,804			

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	6,754	0	6,754	0
Nov	0	0	0	0	0	0	0	18
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	(2,547)	0	(2,547)	0
Apr	0	0	0	0	0	0	0	248
May	0	0	0	0	0	0	1,057	1,057
Jun	0	0	0	0	0	0	681	681
Jul	0	0	0	0	0	0	114	114
Aug	0	0	0	0	0	0	166	166
Sep	0	0	0	0	0	0	133	133
Total					6,754	0	6,754	8,277

Month	REMAINING BALANCES	
	Total	M&I
Oct	6025	6025
Nov	5190	5190
Dec	4328	4328
Jan	3746	3746
Feb	3226	3226
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Total	6025	6025

ITEM # 10a  
 PAGE 7

TOTAL 5,992

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

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

Contract Entity: Santa Ynez River Water Conservation District, ID#1  
 Last updated by C.O.M.B. 8/31/11

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Total	M & I	Agr	Total
Oct	7	0	7	0	7	7	0	0
Nov	6	0	6	0	6	6	0	0
Dec	4	0	4	0	4	4	0	0
Jan	5	0	5	0	5	5	0	0
Feb	4	0	4	0	4	4	0	0
Mar	4	0	4	0	4	4	0	0
Apr	4	0	4	0	4	4	0	0
May	7	0	7	0	7	7	0	0
Jun	8	0	8	0	8	8	0	0
Jul	12	0	12	0	12	12	0	0
Aug	10	0	10	0	10	10	0	0
Sep								
Total	70	0	70	0	70	70	0	0

APPROVED SCHEDULE		Current Year	Previous Year
Storage		2651	112
Credit			
<b>Total</b>		<b>2651</b>	<b>112</b>

**CONVERSIONS**

Month	STORAGE WATER		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	0	0	0	0
Nov	5	-5	0	0	0	0
Dec	4	-4	0	0	0	0
Jan	5	-5	0	0	0	0
Feb	4	-4	0	0	0	0
Mar	11	-11	0	0	0	0
Apr	0	0	0	0	(14)	(17)
May	0	0	0	0	(77)	(165)
Jun	0	0	0	0	(141)	(333)
Jul	0	0	0	0	(207)	(485)
Aug	0	0	0	0	(147)	(406)
Sep						
<b>Total</b>			112	78	858	1,793

Begin Bal Ex cwwd-12/gwd-27/city-18/mwd-18

See Note\*  
 See Note\*  
 See Note\*  
 Ex cwwd-76/gwd-170/city-114/mwd-114  
 Ex cwwd-111/gwd-249/city-166/mwd-166  
 Ex cwwd-88/gwd-199/city-133/mwd-133

County Parks A.F. Used

Month	COUNTY PARKS A.F. USED		REMAINING BALANCES	
	Total	M & I	Total	M & I
Oct	6.56	1	30	858
Nov	5.88	0	24	858
Dec	4.47	0	20	858
Jan	4.74	0	15	858
Feb	3.66	0	11	858
Mar	3.83	0	0	844
Apr	4.21	0	0	840
May	7.2	0	0	756
Jun	8.0	0	0	607
Jul	11.77	0	0	388
Aug	10.19	0	0	231
Sep				
<b>Total</b>				<b>618</b>

\*NOTE: March Ex cwwd-8/gwd-19/city-12/mwd-12/spill-7/surplus+20  
 April Ex cwwd-47/gwd-106/city-70/mwd-70/surplus+293  
 May Ex cwwd-67/gwd-150/city-100/mwd-100/surplus+175

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

Contract Entity: Santa Barbara Co. Water Agency  
 Last updated by C.O.M.B. 8/31/11

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

Month	Approved Schedule Current Year	Storage Credit Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT			
			Use %	Acre-feet		Evap	Allocation		M & I	Acre-feet		
				M & I	Agr		Total	Div		Total	M & I	Agr
Oct	25714	10785	5.75%	1,711	330	60	2,042	2,102	1,766	336	0	0
Nov			5.46%	1,740	227	30	1,886	1,916	1,699	216	69	82
Dec			4.93%	1,632	151	15	1,136	1,151	1,081	69	564	647
Jan			3.67%	1,258	70	13	677	689	655	34	614	651
Feb			3.45%	1,122	125	14	567	581	558	24	576	680
Mar			4.09%	1,416	82	18	832	849	821	28	612	667
Apr			6.58%	2,359	269	0	1	1	0	0	2,358	2,627
May			8.47%	3,000	478	0	0	0	0	0	3,000	3,478
Jun			6.28%	2,084	311	0	0	0	0	0	2,084	2,395
Jul			7.69%	2,307	500	0	0	0	0	0	2,307	2,807
Aug			7.26%	2,134	517	0	0	0	0	0	2,134	2,807
Sep				0	0	0	0	0	0	0	0	2,651
Total	25714	10785		20,763	3,061			23,823				

**CONVERSIONS**

STORAGE WATER			CURRENT SCHEDULE			SCHEDULE AND REVISIONS			
M & I	Agr	Month	M & I	Agr	Month	Total	M & I	Agr	Total
-16	16	Oct	0	0	Oct	10,785	9,134	6,318	25,714
473	-473	Nov	0	0	Nov	(75)	(26)	75	75
-2	2	Dec	0	0	Dec	0	0	0	0
23	-23	Jan	0	0	Jan	0	0	0	0
36	-36	Feb	0	0	Feb	0	0	0	0
42	-42	Mar	0	0	Mar	(3,422)	(3,083)	568	551
0	0	Apr	0	0	Apr	0	0	2,917	2,917
0	0	May	0	0	May	0	0	1,795	1,630
0	0	Jun	0	0	Jun	0	0	333	333
0	0	Jul	0	0	Jul	0	0	485	485
0	0	Aug	0	0	Aug	0	0	406	406
0	0	Sep	0	0	Sep	0	0	0	0

**COUNTY PARKS**

A.F. Used	Total	M & I	Agr	Total
6.56	8608	7326	1282	19471
5.88	6692	6100	593	19402
4.47	5542	5017	526	18838
4.74	4853	4385	469	18224
3.66	4271	3863	409	17648
3.83	0	0	0	17604
4.21	0	0	0	18163
7.16	0	0	0	16958
8.03	0	0	0	15207
11.77	0	0	0	13385
10.19	0	0	0	11657
				6318
				6305
				6222
				6185
				6081
				6009
				5740
				5262
				4619
				3634
				2711

TOTAL 14,202

ITEM # 10a  
 PAGE 9

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

MONTH	DELVRD TO LAKE	DELVD to Lake	CVWD Stored	DELVD to SC	Transf to MW	DELVD MWD to Lake	Evap/Spill	DELVD to SC	DELVD to Lake	GWD Stored	DELVD to SC	DELVD to Lake	LCMWC		DELVD to SC	DELVD to Lake	RSYS Stored	DELVD to SC	DELVD to Lake	MLC Stored	DELVD to SC		
													DELVD to Lake	Stored									
2010																							
Bal. Frwd																							
January	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	25	0	0	0	0	0	0	0	0	0	0	0	0	28	9	0	0	0	0	0	0	0	0
March	34	0	0	0	0	0	0	0	0	0	0	0	0	-10	35	0	0	0	0	0	0	0	0
April	57	0	0	0	0	0	0	0	0	0	0	0	0	-18	52	0	0	0	0	0	0	0	0
May	59	0	0	0	0	0	0	0	0	0	0	0	0	0	57	0	0	0	0	0	0	0	0
June	121	0	0	0	0	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0
July	354	0	0	0	0	0	0	0	0	0	0	0	0	0	121	0	0	0	0	0	0	0	0
August	486	0	0	0	0	76	0	76	0	0	0	0	0	89	161	28	0	28	0	0	0	0	0
September	298	0	0	0	0	296	0	296	0	0	0	0	0	20	170	0	0	0	0	0	0	0	0
October	133	0	0	0	0	128	0	128	0	0	0	0	0	38	132	0	0	0	0	0	0	0	0
November	124	0	0	0	0	0	0	0	0	0	0	0	0	58	75	0	0	0	0	0	0	0	0
December	60	0	0	0	0	0	0	0	0	0	0	0	0	75	49	0	0	0	0	0	0	0	0
Total	1788	0	0	0	0	500	0	500	0	0	0	0	0	309	951	28	0	28	0	0	0	0	0

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

MONTH	DELVRD TO LAKE	DELVD to Lake	CVWD Stored	DELVD to SC	Transf to MW	DELVD MWD to Lake	Evap/Spill	DELVD to SC	DELVD to Lake	GWD Stored	DELVD to SC	DELVD to Lake	LCMWC		DELVD to SC	DELVD to Lake	RSYS Stored	DELVD to SC	DELVD to Lake	MLC Stored	DELVD to SC	
													DELVD to Lake	Stored								
2011																						
Bal. Frwd																						
January	509	0	0	0	0	0	0	0	0	0	0	0	0	309	0	0	0	0	0	0	0	0
February	227	0	0	0	0	382	277	105	0	0	0	0	0	0	127	0	0	0	0	0	0	0
March	0	0	0	0	0	118	5	113	0	0	0	0	0	0	109	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	910	0	0	0	0	500	282	218	0	0	0	0	0	366	418	44	0	44	0	0	0	0

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

SEPTEMBER 2011

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: September 21, 2011

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	CCWA INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.				EVAP AF.	PRECIP INCH INCHES	
		IN LAKE	CHANGE				TUNNEL	HILTON CREEK	OUTLET	SPILLWAY			
1	749.50	185,175											
1	749.44	185,000	-175	-3.3	0.0	.0	104.4	25.7	.0	.0	41.6	.225	.00
2	749.38	184,824	-176	-9.2	0.0	.0	96.7	25.7	.0	.0	44.4	.240	.00
3	749.33	184,678	-146	-5.1	0.0	.0	69.7	25.7	.0	.0	45.5	.246	.00
4	749.28	184,532	-146	7.2	0.0	.0	80.7	25.7	.0	.0	46.8	.253	.00
5	749.24	184,415	-117	12.4	0.0	.0	57.7	25.5	.0	.0	46.2	.250	.00
6	749.19	184,269	-146	8.9	0.0	.0	87.2	25.6	.0	.0	42.1	.228	.00
7	749.14	184,123	-146	45.9	0.0	.0	111.8	25.6	.0	.0	54.5	.295	.00
8	749.08	183,948	-175	30.7	0.0	.0	116.7	25.7	.0	.0	63.3	.343	.00
9	749.00	183,714	-234	-42.6	0.0	.0	108.1	25.6	.0	.0	57.7	.313	.00
10	748.94	183,540	-174	-3.6	0.0	.0	104.4	25.6	.0	.0	40.4	.219	.00
11	748.90	183,424	-116	30.9	0.0	.0	93.9	25.4	.0	.0	27.6	.150	.00
12	748.87	183,337	-87	34.1	0.0	.0	47.8	25.4	.0	.0	47.9	.260	.00
13	748.81	183,163	-174	-9.3	0.0	.0	95.2	25.5	.0	.0	44.0	.239	.00
14	748.75	182,989	-174	10.9	0.0	.0	108.9	23.7	.0	.0	52.3	.284	.00
15	748.70	182,843	-146	16.6	0.0	.0	108.1	26.9	.0	.0	27.6	.150	.00
16	748.66	182,727	-116	12.7	0.0	.0	63.9	25.8	.0	.0	39.0	.212	.00
17	748.61	182,582	-145	-25.5	0.0	.0	62.9	25.3	.0	.0	31.3	.170	.00
18	748.58	182,495	-87	26.7	15.0	.0	62.9	25.3	.0	.0	40.5	.220	.00
19	748.55	182,408	-87	39.9	15.0	.0	75.2	25.3	.0	.0	41.4	.225	.00
20	748.50	182,263	-145	16.9	0.0	.0	82.3	24.5	.0	.0	55.1	.300	.00
21	748.45	182,118	-145	2.1	0.0	.0	89.9	24.5	.0	.0	32.7	.178	.00
<b>TOTAL (AF)</b>			<b>-3,057</b>	<b>197.3</b>	<b>30.0</b>	<b>.0</b>	<b>1,828.4</b>	<b>534.0</b>	<b>.0</b>	<b>.0</b>	<b>921.9</b>	<b>5.000</b>	<b>.00</b>
<b>(AVG)</b>		<b>183,495</b>											

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.

ITEM # 106  
 PAGE 1



Santa Barbara County Parks Department  
Cachuma Lake Recreation Area

Summary of Aquatic Invasive Species Vessel Inspection Program  
and Early Detection Monitoring Program: August 2011

Santa Barbara County Parks -- Cachuma Lake Boat Launch Data -- AUGUST 2011		
Inspection Data		
Total Vessels entering Park	775	
Total Vessels launched	769	
Total Vessels Quarantined	6	1%
Returning with Boat Launch Tag	503	65%
Arriving new: Inspected, washed	160	21%
Kayak/Canoe: Inspected	106	14%
4-stroke engines	263	34%
2-strokes, w/CARB star ratings	177	23%
2-strokes, NO emissions ratings	223	29%

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

Quarantine Reasons -- May be several for 1 boat		
Water in vessel	0	
Debris on hull	0	
Plug installed	0	
From infected county	4	
Ballast tanks	0	
Boat longer than 24 feet	2	
Out-of-state	0	
Unspecified	1	

Demographic Data		
Quarantined from infected county	4	
Quarantined from SB County	3*	

\* Boat registered in SB, but had recently been in an infected county  
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 August 31, 2011

**CACHUMA LAKE Early Detection Monitoring Survey:**

**Summary:** No Dreissenid mussels were detected  
Inspection site: Cachuma Lake Marina, Santa Barbara County, California  
Inspection Date and Time : 2011.08.10; 0930– 1330 PDT  
Method: 14 PVC/Cement/Plastic Mesh Sampling Stations; 394 linear feet of line  
Surveyors: Liz Gaspar (SB County Parks), Carrie Culver, Heather Lahr, and intern Natalie (Sea Grant)  
Lake Elevation: 750.59 y from maximum of 753 feet

# Zebra/Quagga Surface Survey Data

(Use Pencil Only)

Waterbody Cachuma Lake Reservoir

Date 08 / 10 / 11

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

Crew C.Culver, L.Gaspar M. principals

GPS 34.578333/119.956389

(Decimal Degrees, WSG 84)

Secchi Depth Various

Wave Chop no

**# Linear Feet of:**

<p><b>Boat Ramp Bottom</b> (100ft at marina, 200ft at ramp only) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p><b>Dock</b> (200 ft) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p><b>Mooring Line</b> (200 ft) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p><b>Anchor/Dock Cable</b> (100 ft) <u>394</u> <input type="checkbox"/> <input type="checkbox"/></p>	<p><b>Shoreline</b> (100ft at marina, 200ft at ramp only) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p><b>Concrete Structures</b> (100 ft) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p><b>Logs/Woody Debris</b> (100 ft) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p><b>Other</b> <u>See notes</u> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
--	---

% of Dock/Marina/Boat Ramp Searched NA

Zebra/Quagga Mussels Present? Y / N NO	Specimens Collected? Y / N NO	Method (circle one):
<p><b>Exact GPS Location</b> (if isolated occurrences):</p> <p>1 <input style="width: 200px; height: 20px;" type="text"/></p> <p><b>Ruler Length</b> (if &lt; 12 inches) _____</p> <p><b>Substrate Type</b> <input style="width: 150px; height: 20px;" type="text"/></p>	<p><b>Mussel Density</b> (# of mussels):</p> <p><input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/></p>	<p>Ruler / Petri</p>
<p>2 <input style="width: 200px; height: 20px;" type="text"/></p> <p><b>Ruler Length</b> (if &lt; 12 inches) _____</p> <p><b>Substrate Type</b> <input style="width: 150px; height: 20px;" type="text"/></p>	<p><input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/></p>	<p>Ruler / Petri</p>
<p>3 <input style="width: 200px; height: 20px;" type="text"/></p> <p><b>Ruler Length</b> (if &lt; 12 inches) _____</p> <p><b>Substrate Type</b> <input style="width: 150px; height: 20px;" type="text"/></p>	<p><input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/></p>	<p>Ruler / Petri</p>

Corbicula Clams Present? Y / N NO      Snails Present? Y / N YES

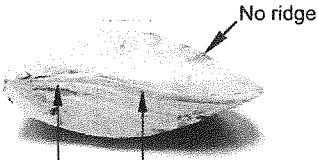
Other Mussel/Clam Species Present? Y / N NO      Specimens Collected? Y / N



**Quagga Mussel**  
*Dreissena rostriformis bugensis*



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

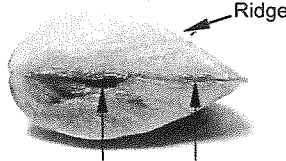


- Byssal groove
- Asymmetrical; curved midventral line; shells do not join together tightly
- No ridge

**Zebra Mussel**  
*Dreissena polymorpha*

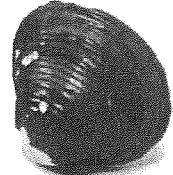


- Shell: D-shaped and triangular; thin, fragile; smooth or shallowly ridged; solid light to dark brown or striped
- Attaches to hard surfaces



- Byssal groove
- Bilaterally symmetrical; join together in a midventral line
- Ridge

**Asian Clam**  
*Corbicula fluminea*



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

**Map of sampling location:**

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

Please see attached docs: Quagga Survey Stations 2010.08.10 & Quagga Survey Map 2011

**Did weather conditions negatively affect sampling conditions? Y / N**

**Comments** Inspected in Cachuma Lake marina: 14 sampling stations @ 12 or .5 meters, and 120 meters of rope. See attached files of sampling station details and locations as noted above.

ITEM # 10c  
PAGE 3





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

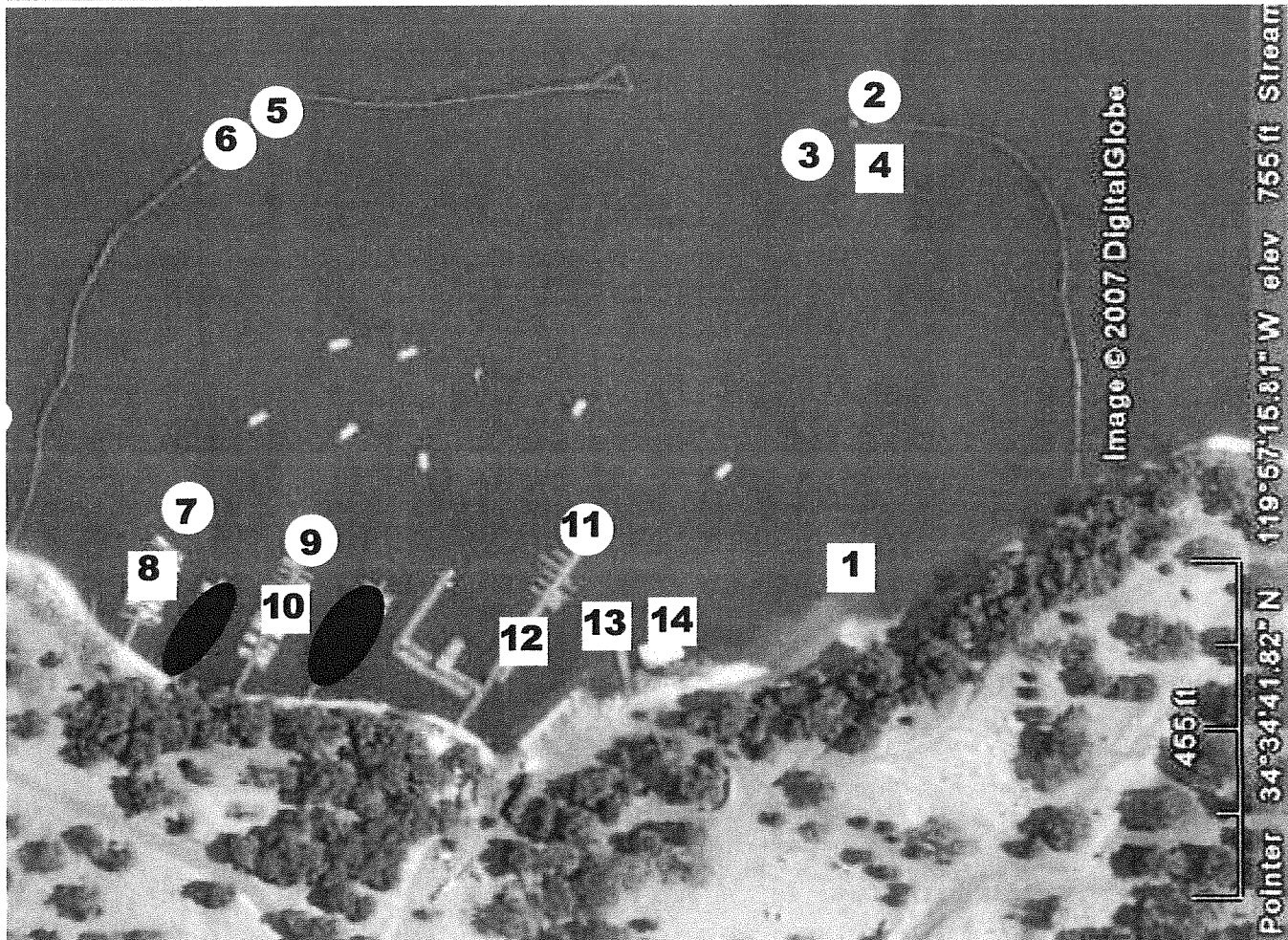
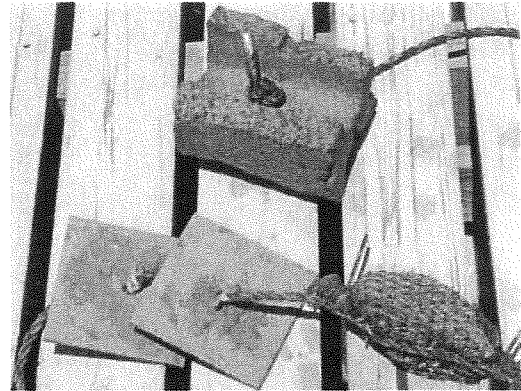
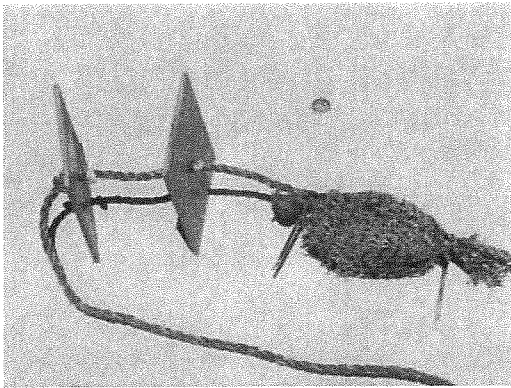


**Cachuma Lake Marina Monthly Quagga Survey Map:  
 Sampling stations and lines, docks, boat ramp, boathouse, logs**

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



# Cachuma Lake Marina Monthly Quagga Survey: Sampling Station Details

2011.08.10

Inspection Date:

09:30 - 13:45

Inspection Time:

750.59

Lake Elevation from max 753 feet

Surveyors: Liz Gaspar, SB County Parks; Carrie Culver and Heather Lahr with intern Natalie Ninh with Sea Grant

Station #	Location/Description	Stn Type	Lake Depth Meters	Anchor/Lake Depth Meters	Tuffly/Plate set Depth Meters	Secchi Depth & Temp Deg F @ 3 Meters	Notes: Several zip tie fasteners had broken; will check all next month and replace.	Mussels?	Stn #
Station 1	Boathouse, left middle ramp	Horizontal: 4 m line, 1 tuffly, 1 plate set	8'	.5 m	.5 m	1.8 m on bottom 77 F	Line, knots, Tuffies, plate sets checked. Samples: 1 - sponge Organisms: LINE: Bryozoan, "rice grain" casing PLATES: Bryozoan, midge, "rice grain" casing, sponge	No	Stn 1
Station 2	Logboom platform at entrance, south east corner.	Vertical: Anchor, Tuffly, plates	30'	12 m	6 m	3.1 m 76 F	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Downloaded temp/light data from 3 loggers at 10', 20', 30' Organisms: LINE: Bryozoan, large green midge(?), midge PLATES: Midge BLOCK: Bryozoan, sponge	No	Stn 2
Station 3	Logboom platform at entrance, north west corner	Vertical: Anchor, Tuffly, plate set	125'	12 m	6 m	3.1 m 76 F	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: Bryozoan, "rice grain" casing, midge PLATES: Algae, bryozoan, midge BLOCK: 0	No	Stn 3
Station 4	Logboom platform at entrance, under platform.	Horizontal: 4 m line, 1 tuffly, 1 plate set	125'	.5 m	.5 m	3.1 m 76 F	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Algae, bryozoan, midge PLATES: Algae, bryozoan, midge, "rice grain" casing	No	Stn 4
Station 5	N logboom, 13th log from S end, attached to chain at middle	Vertical: Anchor, 1 Tuffly, 1 plate set	125'	12 m	6 m	3.1 m 76 F	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: Algae, midge PLATES: Algae, bryozoan, midge BLOCK: 0	No	Stn 5
Station 6	N logboom, 14th log from S end, attached to chain on NE side, west end.	Vertical: Anchor, 1 Tuffly, 1 plate set	127'	12 m	6 m	2.8 m 77 F	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: Algae, mdige PLATES: Algae, midge BLOCK: Midge	No	Stn 6

ITEM#

10C

PAGE

5

Station #	Location/Description	Stn Type	Lake Depth Meters	Anchor/L ine Depth Meters	Tuffly/Plate set Depth Meters	Secchi Depth & Temp Deg F @ 3 Meters	NOTES:	Mussels?	Stn #
Station 7	Far N dock at E end; S side; 14th slip from shore	Vertical: Anchor, 1 Tuffly, 1 plate set	47'	12 m	6 m	3.2 m 78 F	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Downloaded temp/light data from 3 loggers at 10', 20', 30' Organisms: LINE: Algae, midge, sponge PLATES: Midge, sponge BLOCK: Midge, sponge	No	Stn 7
Station 8	Far N dock at middle @ slip 10/12	Horizontal: 4 m line, 1 tuffly, 1 plate set	43'	.5 m	.5 m	3.2 m 77 F	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Algae, bryozoan, black specs that look like coffe grounds, midge PLATES: Plates missing. Replaced.	No	Stn 8
Station 9	Middle dock at E end	Vertical: Anchor, 1 Tuffly, 1 plate set		12 m	6 m	3.7 m 78 F	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: Bryozoan, midge PLATES: Bryozoan, midge, sponge BLOCK: 0	No	Stn 9
Station 10	Middle dock at W end; slip 11 & 40	Horizontal: 4 m line, 1 tuffly, 1 plate set	43'	.5 m	.5 m	3.3 m 77 F	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Bryozoan, midge PLATES: Bryozoan, granular casings, midge, physella snail	No	Stn 10
Station 11	Fuel Dock @ far E end	Vertical: Anchor, 1 Tuffly, 1 plate set	45'	12 m	6 m	3.3 m 76 F	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: "Rice grain" casing, midge PLATES: Bryozoan, "rice grain" casing, midge BLOCK: 0	No	Stn 11
Station 12	Fuel Dock W end strung diagonally under gas pump platform	Horizontal: 4 m line, 3 tuffly, 3 plate set	34'	.5 m	.5 m	3.3 m 77 F	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Bryozoan, physella snail PLATES: Bryozoan, midge, physella snail	No	Stn 12
Station 13	North Launch Dock E end	Horizontal: 4 m line, 1 tuffly, 1 plate set	10'	.5 m	.5 m	3.0 m 76 F	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Bryozoan, egg mass, midge, "rice grain" casing, Physella snail, Planorbella snail PLATES: Bryozoan, clear jelly egg case (CEC), midge, "rice grain" casing, Physella snail, Planorbella snail	No	Stn 13
Station 14	South Launch Dock E end	Horizontal: 4 m line, 1 tuffly, 1 plate set	10'	2 m	.5 m	2.5 m 76 F	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Algae, bryozoan PLATES: Bryozoan, CEC	No	Stn 14

ITEM #  
PAGE #

**US Department of the Interior  
Bureau of Reclamation  
Mid-Pacific Region  
South-Central California Area Office  
CACHUMA PROJECT, CALIFORNIA**

***Eleventh Annual  
Operations Coordination Meeting***

**Tuesday • September 13, 2011 • 9:00 AM**

**A G E N D A**

1. Welcome and Introductions
2. USBR Operations & Activities
3. COMB Operations & Activities
4. Fishery Activities
5. CCWA Operations
6. Water Rights Operations
7. Cachuma Project - Guidelines for Operation

Meeting Location: Cachuma Operation & Maintenance Board (COMB)  
3301 Laurel Canyon Road  
Santa Barbara, CA 93105  
(805) 687-4011

---

**From:** Luehring, Ronald W [mailto:RLUEHRING@usbr.gov]  
**Sent:** Monday, September 19, 2011 9:46 AM  
**To:** Bruce Mowry  
**Subject:** Bradbury Dam IE Risk Assessment

Bruce,

The Risk Assessment for Bradbury Dam is scheduled for the week of October 24 – in the dam safety conference room – 9<sup>th</sup> floor building 67 Denver Federal Center ...all or most of the week....this would be great experience to see if you have time. The IE (issue evaluation) DSAT (Dam Safety Advisory Team) will be held on December 9 (9-11 am) in the dam safety conference room – 9<sup>th</sup> floor building 67 Denver Federal Center. This is usually a call in if you're interested.

Let me know if you need anything else – directions, places to stay, etc.

Thanks!

Ron Luehring, M.S., P.E.  
Program Manager - MP Region  
Dam Safety Office  
Office: 303.445.2999  
Cell: 303.330.4523  
Email: [rluehring@usbr.gov](mailto:rluehring@usbr.gov)

ITEM # 10d  
PAGE 2

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	September 26, 2011
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

---

**SUBJECT:** Report on Topics of Interest with the County, September 19, 2011

---

**SUMMARY:**

The General Manager of COMB had a meeting with Terri Maus-Nisich and Tom Fayram of the County of Santa Barbara to discuss topics that we may want to come to an understanding between the two agencies. The exhibits attached were the points that COMB and the County had developed separately to prepare for this meeting. The two lists have similar items that we wanted to work on to develop a better understanding for the needs of Lake Cachuma.

Based on the list that COMB developed, the outcome is as follows:

1. Water Quality with Lake Use – We proposed that Tom or other representatives of the County attend the general managers' meetings on a quarterly schedule to discuss County actions both presently and planned. They would attend more frequently if issues come up.
2. Mussel prevention program – The County has asked if the members of COMB would support action in Sacramento to raise the boat registration fees to fund mussel prevention programs.
3. Fish passage roadway crossings and required MOA for maintenance of the stream bed and bridges – Terri suggested that we develop a master MOA for all such County crossings that would go to the Board of Supervisors for approval and then each individual crossing would be an attachment to this agreement that could be approved at a departmental level without going to the Board of Supervisors for each crossing.

**FISCAL IMPACTS:**

N/A

**LEGAL CONCURRENCE:**

N/A

**ENVIRONMENTAL COMPLIANCE:**

N/A

**COMMITTEE STATUS:**

N/A

**RECOMMENDATION:**

. FYI

**LIST OF EXHIBITS:**

1. COMB Points
2. County Points

ITEM # 10 e  
PAGE 1

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**MEMORANDUM**

**DATE:** 9-19-2011

**TO:** TERRI MAUS-NISICH AND TOM FAYRAM

**FROM:** Bruce Mowry

**RE:** Meeting with County on 9-19-2011 to Resolve Issues

---

The COMB Board has met and the following are some of the areas they would like to be addressed between the County and COMB:

1. Water Quality with Lake Use – Body Contact, Kayaks/Canoes, Two Stroke Engines, Changes in Recreational Use requiring COMB Members Approval
2. Mussel prevention program and actions of remediation if mussels are introduced
3. Roadway crossing and MOA for maintenance of streambed on Quiota Creek Crossings Nos. 2 and 6 , including also future crossings

Respectfully submitted,

General Manager

ITEM # 10 e  
PAGE 2



County Issues for COMB Cooperation

1. On going review and modifications to the Boat Inspection / Treatment protocols, OR COMB financial support of program (note COMB supported \$60,000 at outset but not since)
2. On going support and COMB's Assistance of Grant requests for Park Facilities moved from increased levels from surcharge. (Water Treatment Facility is last one?)
3. Cost of Water to Cachuma park,,, i.e. it appears the park pays ID#1 for treated and delivered water, yet the park treats and distributes the water with no infrastructure cost to ID#1

Mutual Issues

Universal Support for State Quagga Issues;

- Statewide database
- Increase boat reg for funding
- Standardization of inspections and tagging

PARK TREATMENT PLANT