

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

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

Monday, September 23, 2013

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** (All items on the Consent Agenda are considered to be routine and will be approved or rejected in a single motion. Any item placed on the Consent Agenda may be removed and placed on the Regular Agenda for discussion and possible action upon the request of any Board Member.)
Action: Recommend Approval of Consent Agenda
 - a. Minutes August 26, 2013 Regular Board Meeting and September 12, 2013 Special Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
- 4. VERBAL REPORTS FROM BOARD COMMITTEES**
Receive verbal information regarding the following committee meetings:
 - a. Ad Hoc Lake Cachuma Oak Tree Meeting, August 3, 2013
- 5. CONSIDER ESTABLISHING THE AD HOC LAKE CACHUMA OAK TREE COMMITTEE AS A STANDING BOARD COMMITTEE**
Action: Recommend approval by motion and vote of the Board
- 6. CONSIDER AUTHORIZING THE GENERAL MANAGER TO EXECUTE CONTRACTS FOR ENGINEERING OVERSIGHT FOR THE BRIDGE FABRICATION AND FOR THE RESIDENT ENGINEER, QUIOTA CREEK CROSSING 1 PROJECT**
Action: Recommend approval by motion and vote of the Board

7. **GENERAL MANAGERS REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to, the following:
 - North Portal Elevator Interim Safety Measure
 - North Portal Elevator Phase II
 - USBR Site Inspection
 - Emergency Action Plan

8. **PROGRESS REPORT ON CACHUMA LAKE OAK TREE PROGRAM**
Receive information regarding the Cachuma Lake Oak Tree Program including but not limited to the following:
 - Maintenance and Monitoring

9. **OPERATIONS DIVISION REPORT**
Receive information regarding Engineering and Operations Division, including but not limited to the following:
 - Lake Cachuma Operations
 - Operation and Maintenance Activities

10. **FISHERIES DIVISION REPORT**
Receive information regarding Fisheries Division, including but not limited to the following:
 - LSYR Steelhead Monitoring Elements
 - Tributary Project Updates
 - Surcharge Water Accounting
 - Reporting/Outreach/Training

11. **MONTHLY CACHUMA PROJECT REPORTS**
Receive information regarding the Cachuma Project, including but not limited to the following:
 - a. Cachuma Water Reports
 - b. Cachuma Reservoir Current Conditions
 - c. Lake Cachuma Quagga Survey

12. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR NEXT MEETING**

13. **[CLOSED SESSION]:**

The COMB Board may also discuss any judicial or administrative proceeding that was formally initiated after this agenda was published; or determine whether facts and circumstances exist that warrant the initiation of litigation; or that constitute a significant exposure to litigation against the COMB Board.

14. **RECONVENE INTO OPEN SESSION**
[Government Code Section 54957.7]

**Disclosure of actions taken in closed session, as applicable
{Government Code Section 54957.1}**

15. MEETING SCHEDULE

- **October 28, 2013 at 2:00 P.M., COMB Office**
- **Board Packages Available on COMB Website**
www.cachuma-board.org

16. COMB ADJOURNMENT

NOTICE TO PUBLIC

Posting of Agenda: This agenda was posted at COMB's offices, located at 3301 Laurel Canyon Road, Santa Barbara, California, 93105 and on COMB's website, in accordance with Government Code Section 54954.2. The agenda contains a brief general description of each item to be considered by the Governing Board. The Board reserves the right to modify the order in which agenda items are heard. Copies of staff reports or other written documents relating to each item of business are on file at the COMB offices and are available for public inspection during normal business hours. A person with a question concerning any of the agenda items may call COMB's General Manager at (805) 687-4011.

Written materials: In accordance with Government Code Section 54957.5, written materials relating to an item on this agenda which are distributed to the Governing Board less than 72 hours (for a regular meeting) or 24 hours (for a special meeting) will be made available for public inspection at the COMB offices during normal business hours. The written materials may also be posted on COMB's website subject to staff's ability to post the documents before the scheduled meeting.

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 as an agenda item before the Board. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

Americans with Disabilities Act: in compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or 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.

Note: If you challenge in court any of the Board's decisions related to the listed agenda items you may be limited to raising only those issues you or someone else raised at any public hearing described in this notice or in written correspondence to the Governing Board prior to the public hearing.

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

**held at
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, August 26, 2013**

1. Call to Order, Roll Call

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

Directors present:

Lauren Hanson	Goleta Water District
Alonzo Orozco	Carpinteria Valley Water District
Doug Morgan	Montecito Water District
Dennis Beebe	SYR Water Conservation District, ID No. 1
Dale Francisco (arrived 3:30 p.m.)	City of Santa Barbara

Others present:

Randall Ward	Tony Trembley
Janet Gingras	Tim Robinson
Kevin Walsh	David Baum
Rebecca Bjork	Charles Hamilton
Ruth Snodgrass	Phil Walker
Sarah Howarth	Megan Emami
Ryan Willard	

2. Public Comment

Phil Walker made comments on future drought problems.

3. Consent Agenda

- a. **Minutes:**
July 22, 2013 Regular Board Meeting and August 8, 2013 Special Board Meeting
- b. **Investment Funds**
Financial Report
Investment Report
- c. **Payment of Claims**

Director Beebe moved to approve the consent agenda as presented, seconded by Director Hanson, passed 5/0/2, Director Francisco was absent.

4. Fiscal Year 2013-14 Appointments of Cachuma Operation and Maintenance Board

Due to the August 1, 2013 start date of COMB's new General Manager the appointments for the ACWA/JPIA representative and alternate and the appointment of the Secretary of the Board was postponed until the August Board meeting.

Director Hanson moved to appoint Doug Morgan as the representative of ACWA/JPIA, seconded by Director Orozco, passed 5/0/2, Director Francisco was absent.

Director Beebe moved to appoint General Manager Randall Ward as the alternate representative of ACWA/JPIA, seconded by Director Orozco, passed 5/0/2, Director Francisco was absent.

Director Beebe moved to appoint General Manager Randall Ward as Secretary of the Board, seconded by Director Morgan, 5/0/2, Director Francisco was absent.

5. Verbal Reports From Board Committees

a. Operations Committee Meeting August 19, 2013

Director Morgan stated that he would report on the Operations Committee meeting during the appropriate agenda item.

6. Fish Passage Improvement on Crossing 1, Quiota Creek Project

a. Reject all bids received for Construction of the Quiota Creek, Crossing 1 Project

b. Authorize the General Manager to Re-bid the Construction of the Quiota Creek, Crossing 1 Project

Randall Ward, General Manager reported that the construction cost proposal for the Quiota Creek, Crossing 1 Project was advertised on August 8, 2013 and the bids were due on August 20, 2013. Two bids were received, opened and then reviewed independently by staff representatives of the Montecito and Goleta Water Districts. That review concluded that neither of the two proposals met the criteria. The low bidder was deemed unresponsive and the second bidder's proposed bid exceeded the budgeted amount available. Staff recommends the Board reject all bids received and authorize the General Manager to re-bid the Construction of Quiota Creek, Crossing 1 Project.

Director Morgan moved that the Board reject all bids received for construction of the Quiota Creek, Crossing 1 Project and to authorize the General Manager to re-bid the construction of the Project, seconded by Director Orozco, passed 4/1/2, Director Beebe voted no and Director Francisco was absent.

7. Establishment of a Board Policy Regarding the General Manager Authorizing Approval of Expenditures up to a Maximum of \$10,000

Randall Ward, General Manager stated that submitted for the Boards consideration was a Policy to establish the General Manager's level of authority for approval of

expenditures during the course of the fiscal year. This policy would establish expenditures up to a maximum of \$10,000.

Director Beebe moved to approve Board Policy No. 1.36 (R) which defines the expenditure limits for the General Manager, seconded by Director Morgan.

The motion passed by a roll call vote:

Ayes: Orozco, Morgan Beebe Hanson

Nays: None

Abstain/Absent: Francisco was absent

8. Authorize General Manager to Execute a Purchase Order for the Fabrication and Installation of the North Portal Elevator Engineered Interim Solution Not to Exceed \$15,000

Randall Ward, General Manager reported that he had discussions with RCB Elevator LLC regarding the operational safety of the North Portal Elevator. These discussions produced an interim solution which involves stabilizing the counter weights that are attributable to the most immediate safety issue. This solution would allow the safe use of the elevator for limited maintenance purposes.

Director Morgan reported that the Operations Committee had reviewed the interim solution and the committee supports this proposed solution.

Director Morgan moved to authorize the General Manager, with approval of the Chair, to execute a Purchase Order for the construction and installation of an interim engineered solution to allow safe operation of the North Portal Elevator, in an amount not to exceed \$15,000, seconded by Director Orozco, passed 4/0/3, Director Francisco was absent and Director Beebe abstained.

9. Authorize General Manager to Execute a Professional Services Agreement to RCB Elevator Consulting LLC for Phase II Rehabilitation of the North Portal Elevator, Not to Exceed \$25,150

Randall Ward, General Manager indicated that originally the contract for the elevator repair would be brought before the Board during October or November of this year. Due to the unsafe condition of the elevator the thirty-inch regulating Jet Flow Valve has not been accessible for regular service and maintenance. The current unsafe condition of the elevator and the resulting necessity to perform maintenance and service activities on the Jet Flow Valve require the proposed expedited process.

Director Morgan reported that the Operations Committee had been briefed and recommended this process be brought before the Board for approval.

Included in the board packet was a Non-Competitive Bid Justification for sole sourcing this contract.

Director Morgan moved to authorize the General Manager to execute a Professional Services Agreement with RCB Elevator Consulting, LLC for a not-to-exceed amount of \$25,150 to produce Phase II engineering and design plans for the major alteration

of the North Portal elevator, seconded by Director Orozco, passed 4/0/3, Director Francisco was absent and Director Beebe abstained.

10. General Managers Report

Randall Ward, General Manager included his report in the board packet. He highlighted the Emergency Action Plan (EAP) that the Bureau of Reclamation has distributed to COMB. Prior to releasing the plan to the Member Units and the County of Santa Barbara, COMB will provide training on the EAP's structure and, for security purposes each agency will sign a statement of nondisclosure.

11. Progress Report on Cachuma Lake Oak Tree Program

The report on the Oak Tree Program prepared by Tim Robinson and Scott Volan was included in the board packet. Mr. Robinson highlighted the report.

12. Engineering/Operations Division Report

Megan Emami, Water Resources Planner gave a presentation on Field Mapplet Software (Maintenance Management Software) currently being utilized by the operations crew. This is a Maintenance Management System that tracks work that needs to be completed and work that has been completed. The four facets to COMB's Field Mapplet consist of: Redlining, USA Dig-Alerts, structure inspection and structure rehab.

Phil Walker commented.

The Engineering and Operations report prepared by David Baum was included in the board packet.

13. Fisheries Division Report

Tim Robinson's Fisheries report was included in the board packet.

14. Monthly Cachuma Project Reports

a. Cachuma Water Reports

The monthly water reports for July were included in the board packet.

b. Cachuma Reservoir Current Conditions

The Lake Cachuma Daily Operations report through August 21, 2013 was included in the board packet.

15. Directors' Requests for Agenda Items for Next Meeting

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

16. Meeting Schedule

- The next regular Board meeting will be held September 23, 2013 at 2:00 p.m.

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

17. COMB Adjournment

There being no further business, the meeting was adjourned at 3:33 p.m.

Respectfully submitted,

Randall Ward, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

Approved _____

Unapproved _____ ✓

**MINUTES OF A SPECIAL MEETING
of the
CACHUMA OPERATION & MAINTENANCE BOARD
held at
3301 Laurel Canyon Road
Santa Barbara, CA
Thursday, September 12, 2013**

Note: This is a special meeting of the Governing Board called in accordance with Government Code Section 54956. Other than the listed agenda items, no other business will be conducted by the Governing Board.

1. Call to Order, Roll Call

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

Directors Present:

Lauren Hanson	Goleta Water District
Dale Francisco	City of Santa Barbara
Doug Morgan	Montecito Water District
Alonzo Orozco	Carpinteria Valley Water District
Dennis Beebe	SYR Conservation Dist ID#1

Others present

Randall Ward	Tony Trembley
Janet Gingras	Ruth Snodgrass
Kevin Walsh	Tim Robinson
Marcus Bird	

2. Public Comment

Marcus Bird, Hollister and Brace attorney for Paul Slavik a landowner along Refuigo Road made comments on behalf of his client's concerns regarding the Quiota Creek, Crossing 1 Project.

3. Consider Acceptance of Department of Fish and Wildlife Grant Amendment for Fish Passage improvement on Quiota Creek, Crossing 1 Project

Randall Ward, General Manager reported that all funding for the Quiota Creek Crossing 1 Project has been secured from California Department of Fish and Wildlife (CDFW) and the California Wildlife Conservation Board. On September 4, 2013, COMB

received an amendment to the CDFW Gant Agreement. The one significant element of the grant agreement amendment was to give CDFW the right to approve the construction contractor for the project. The amendment has been reviewed by COMB legal counsel and staff recommends that the Board authorize the COMB General Manager to sign the CDFW grant agreement amendment.

Director Francisco moved to authorize the COMB General Manager to execute the CDFW Grant Agreement P1250007-01 amendment as proposed, seconded by Director Morgan.

Passed by a roll call vote:

Ayes: Orozco, Francisco, Morgan, Hanson

Nays: Beebe

Absent/Abstain: None

4. Fish Passage Improvement on Quiota Creek, Crossing 1 Project, Consider Acceptance of Lowest Responsive and Responsible Bid and Construction Contract Award

Randall Ward, General Manager reported that COMB advertised the construction cost proposal on August 28, 2013 and the bids were due on September 11, 2013. Three bids were received and were reviewed independently by staff representatives of the Montecito and Goleta Water Districts. The review concluded that the lowest responsive and responsible bidder was Peter Lapidus Construction (PLC) at \$537,235. Staff recommends that the Board accept the lowest responsive and responsible bid and award a construction contract to PLC. The construction contract has been reviewed by COMB legal counsel.

Director Francisco moved to accept the lowest responsive and responsible bid and to authorize the COMB General Manager to execute the construction contract to the lowest responsive and responsible bidder, Peter Lapidus Construction for the construction of the Quiota Creek Crossing 1 Fish Passage Improvement Project, seconded by Director Morgan.

Passed by a roll call vote:

Ayes: Orozco, Francisco, Morgan, Hanson

Nays: Beebe

Absent/Abstain: None

5. COMB Adjournment

There being no further business, the meeting was adjourned at 2:50 p.m.

Respectfully submitted,

Randall Ward, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

Approved _____

Unapproved _____ ✓

9/18/2013

Accrual Basis

COMB
Statement of Net Assets
As of August 31, 2013

ASSETS

Current Assets

Checking/Savings

TRUST FUNDS

1210 · WARREN ACT TRUST FUND 48,572.01

1220 · RENEWAL FUND 10,162.85

Total TRUST FUNDS 58,734.86

1050 · GENERAL FUND 825,763.60

1100 · REVOLVING FUND 204,308.99

Total Checking/Savings 1,088,807.45

Other Current Assets

1010 · PETTY CASH 500.00

1200 · LAIF 3,883.72

1303 · Bradbury SOD Act Assmnts Rec 70,212.00

1304 · Lauro Dam SOD Assesmnt Rec 12,640.00

1305 · ACCRUED INTEREST RECEIVABLE 68.44

1400 · PREPAID INSURANCE 15,192.72

Total Other Current Assets 102,496.88

Total Current Assets 1,191,304.33

Fixed Assets

1500 · VEHICLES 444,890.47

1505 · OFFICE FURN & EQUIPMENT 384,565.63

1510 · MOBILE OFFICES 97,803.34

1515 · FIELD EQUIPMENT 493,184.33

1525 · PAVING 22,350.00

1550 · ACCUMULATED DEPRECIATION -1,199,075.89

Total Fixed Assets 243,717.88

Other Assets

1910 · LT Bradbury SOD Act Assess Rec 5,487,041.07

1920 · LT Lauro SOD Act Assess Rec 981,823.00

Total Other Assets 6,468,864.07

TOTAL ASSETS 7,903,886.28

9/18/2013

Accrual Basis

COMB
Statement of Net Assets
As of August 31, 2013

LIABILITIES & NET ASSETS

Liabilities

Current Liabilities

Accounts Payable

2200 · ACCOUNTS PAYABLE

80,551.81

Total Accounts Payable

80,551.81

Other Current Liabilities

Payroll-DepPrm Admin

94.62

Payroll-DepPrm FD

4.62

Payroll-DepPrm Ops

63.48

2550 · VACATION/SICK

92,114.04

2561 · BRADBURY DAM SOD ACT

70,212.62

2563 · LAURO DAM SOD ACT

12,640.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

58,734.86

Total Other Current Liabilities

320,872.14

Total Current Liabilities

401,423.95

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury

5,487,041.07

2603 · LT SOD Act Liability - Lauro

981,823.00

2604 · OPEB LT Liability

252,648.00

Total Long Term Liabilities

6,721,512.07

Total Liabilities

7,122,936.02

NET ASSETS

3901 · Retained Net Assets

509,600.20

Net Income

271,350.06

Total Net Assets

780,950.26

TOTAL LIABILITIES & NET ASSETS

7,903,886.28

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
Budget vs. Actuals July 2013 - Jun 2014

	Fishes			Operations			TOTAL		
	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget
Income									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	265,872.98	1,064,799.00	25.0%	589,530.50	2,358,123.00	25.0%	855,403.48	3,422,922.00	25.0%
3005 - Warren Act	0.00	16,555.00	0.0%	0.00	0.00	0.0%	0.00	16,555.00	0.0%
3007 - Renewal Fund	0.00	242,912.00	0.0%	33.59	0.00	0.0%	33.59	242,912.00	0.0%
3010 - Interest Income	0.00	0.00	0.0%	618.71	0.00	0.0%	618.71	0.00	0.0%
3020 - Misc Income	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3026 - Quiota CRK X1-CW Cons Brd	0.00	150,000.00	0.0%	0.00	0.00	0.0%	0.00	150,000.00	0.0%
3027 - Quiota Crk X1-CDFG Grant	0.00	521,141.00	0.0%	0.00	0.00	0.0%	0.00	521,141.00	0.0%
3035 - Cachuma Project Betterment Fund	0.00	90,000.00	0.0%	0.00	0.00	0.0%	0.00	90,000.00	0.0%
Total 3000 REVENUE	265,872.98	2,085,407.00	12.7%	590,182.80	2,358,123.00	25.0%	856,055.78	4,443,530.00	19.3%
Total Income	265,872.98	2,085,407.00	12.7%	590,182.80	2,358,123.00	25.0%	856,055.78	4,443,530.00	19.3%
Gross Profit	265,872.98	2,085,407.00	12.7%	590,182.80	2,358,123.00	25.0%	856,055.78	4,443,530.00	19.3%
Expense									
PAYROLL									
Gross	0.00			-0.02			-0.02		
Gross-FD	0.02			0.00			0.02		
Total PAYROLL	0.02			-0.02			0.00		
3100 - LABOR - OPERATIONS									
3101-E - Engineer	0.00			20,524.35			20,524.35		100.0%
3101-H - Holiday Leave	0.00			1,550.52			1,550.52		100.0%
3101-S - Sick Leave	0.00			2,208.83			2,208.83		100.0%
3101-V - Vacation Leave	0.00			3,779.65			3,779.65		100.0%
3102 - Meter Reading	0.00			917.47			917.47		100.0%
3103 - SCC Ops	0.00			18,935.31			18,935.31		100.0%
3104 - Veh & Equip Mtco	0.00			664.18			664.18		100.0%
3105 - SCADA	0.00			1,794.82			1,794.82		100.0%
3106 - Rodent Bait	0.00			1,031.58			1,031.58		100.0%
3107 - NORTH PORTAL									
3107-1 - NP INTAKE TOWER	0.00			1,756.82			1,756.82		100.0%
3107-1a - Maintenance	0.00			79.80			79.80		100.0%
3107-1b - Cleaning	0.00			402.48			402.48		100.0%
3107-1f - Engineering	0.00			2,239.10			2,239.10		100.0%
Total 3107-1 - NP INTAKE TOWER	0.00			4,475.20			4,475.20		100.0%
3107-2 - NP CONTROL STATION	0.00			3,401.32			3,401.32		100.0%
3107-2a - Maintenance	0.00			262.32			262.32		100.0%
3107-2f - Operations	0.00			285.96			285.96		100.0%
3107-2h - Inspection	0.00			804.96			804.96		100.0%
3107-2i - Engineering	0.00			4,754.56			4,754.56		100.0%
Total 3107-2 - NP CONTROL STATION	0.00			6,993.66			6,993.66		100.0%
Total 3107 - NORTH PORTAL	0.00			6,993.66			6,993.66		100.0%
3108 - GLEN ANNE									
3108-1 - GA SOUTH PORTAL	0.00			303.84			303.84		100.0%
3108-1d - Weed Management	0.00			303.84			303.84		100.0%
Total 3108-1 - GA SOUTH PORTAL	0.00			607.68			607.68		100.0%
3108-2 - GA RESERVOIR	0.00			664.48			664.48		100.0%
3108-2d - Weed Management	0.00			31.23			31.23		100.0%
3108-2h - Inspection	0.00			695.71			695.71		100.0%
Total 3108-2 - GA RESERVOIR	0.00			1,391.42			1,391.42		100.0%
3108-3 - GA PUMP STATION	0.00			101.28			101.28		100.0%
3108-3d - Weed Management	0.00			101.28			101.28		100.0%
Total 3108-3 - GA PUMP STATION	0.00			202.56			202.56		100.0%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
Budget vs. Actuals July 2013 - Jun 2014

	Fisheries			Operations			TOTAL		
	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget
3108-4 - GA TURNOUT									
3108-4d - Weed Management	0.00	0.00	100.0%	202.56	0.00	202.56	202.56	0.00	100.0%
Total 3108-4 - GA TURNOUT	0.00	0.00	100.0%	202.56	0.00	202.56	202.56	0.00	100.0%
Total 3108 - GLEN ANNE	0.00	0.00	100.0%	1,303.39	0.00	1,303.39	1,303.39	0.00	100.0%
3110 - LAURO									
3110-1 - YARD									
3110-1a - Maintenance	0.00	1,330.13	100.0%	1,330.13	0.00	1,330.13	1,330.13	0.00	100.0%
3110-1b - Cleaning	0.00	1,963.06	100.0%	1,963.06	0.00	1,963.06	1,963.06	0.00	100.0%
3110-1c - Landscaping	0.00	98.37	100.0%	98.37	0.00	98.37	98.37	0.00	100.0%
3110-1h - Inspection	0.00	131.16	100.0%	131.16	0.00	131.16	131.16	0.00	100.0%
3110-1j - Rehabilitation	0.00	61.92	100.0%	61.92	0.00	61.92	61.92	0.00	100.0%
Total 3110-1 - YARD	0.00	3,584.64	100.0%	3,584.64	0.00	3,584.64	3,584.64	0.00	100.0%
3110-2 - CONTROL STATION									
3110-2i - Engineering	0.00	92.88	100.0%	92.88	0.00	92.88	92.88	0.00	100.0%
Total 3110-2 - CONTROL STATION	0.00	92.88	100.0%	92.88	0.00	92.88	92.88	0.00	100.0%
3110-3 - RESERVOIR									
3110-3e - Landscaping	0.00	262.52	100.0%	262.52	0.00	262.52	262.52	0.00	100.0%
3110-3h - Inspection	0.00	31.23	100.0%	31.23	0.00	31.23	31.23	0.00	100.0%
Total 3110-3 - RESERVOIR	0.00	293.75	100.0%	293.75	0.00	293.75	293.75	0.00	100.0%
Total 3110 - LAURO	0.00	3,971.27	100.0%	3,971.27	0.00	3,971.27	3,971.27	0.00	100.0%
3112 - SHEFFIELD									
3112-2 - TUNNEL									
3112-2b - Cleaning	0.00	434.24	100.0%	434.24	0.00	434.24	434.24	0.00	100.0%
3112-2h - Inspection	0.00	3,626.99	100.0%	3,626.99	0.00	3,626.99	3,626.99	0.00	100.0%
Total 3112-2 - TUNNEL	0.00	4,061.23	100.0%	4,061.23	0.00	4,061.23	4,061.23	0.00	100.0%
Total 3112 - SHEFFIELD	0.00	4,061.23	100.0%	4,061.23	0.00	4,061.23	4,061.23	0.00	100.0%
3113 - ORTEGA									
3113-2 - RESERVOIR									
3113-2d - Weed Management	0.00	144.24	100.0%	144.24	0.00	144.24	144.24	0.00	100.0%
3113-2f - Operations	0.00	65.58	100.0%	65.58	0.00	65.58	65.58	0.00	100.0%
3113-2h - Inspection	0.00	398.12	100.0%	398.12	0.00	398.12	398.12	0.00	100.0%
Total 3113-2 - RESERVOIR	0.00	607.94	100.0%	607.94	0.00	607.94	607.94	0.00	100.0%
Total 3113 - ORTEGA	0.00	607.94	100.0%	607.94	0.00	607.94	607.94	0.00	100.0%
3114 - BOUNDARY METER									
3114-1 - VAULT									
3114-1a - Maintenance	0.00	65.58	100.0%	65.58	0.00	65.58	65.58	0.00	100.0%
3114-1f - Operations	0.00	232.40	100.0%	232.40	0.00	232.40	232.40	0.00	100.0%
3114-1h - Inspection	0.00	371.52	100.0%	371.52	0.00	371.52	371.52	0.00	100.0%
Total 3114-1 - VAULT	0.00	669.50	100.0%	669.50	0.00	669.50	669.50	0.00	100.0%
Total 3114 - BOUNDARY METER	0.00	669.50	100.0%	669.50	0.00	669.50	669.50	0.00	100.0%
3115 - CARPINTERIA									
3115-1 - CONTROL STATION									
3115-1a - Maintenance	0.00	624.60	100.0%	624.60	0.00	624.60	624.60	0.00	100.0%
Total 3115-1 - CONTROL STATION	0.00	624.60	100.0%	624.60	0.00	624.60	624.60	0.00	100.0%
3115-2 - RESERVOIR									
3115-2a - Maintenance	0.00	783.12	100.0%	783.12	0.00	783.12	783.12	0.00	100.0%
3115-2d - Weed Management	0.00	1,101.04	100.0%	1,101.04	0.00	1,101.04	1,101.04	0.00	100.0%
3115-2e - Landscaping	0.00	732.78	100.0%	732.78	0.00	732.78	732.78	0.00	100.0%
3115-2h - Inspection	0.00	26.60	100.0%	26.60	0.00	26.60	26.60	0.00	100.0%

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	Fisheries		Operations		TOTAL	
	Jul - Aug 13	% of Budget	Jul - Aug 13	% of Budget	Budget	% of Budget
Total 3115-2 - RESERVOIR	0.00		2,643.54		0.00	100.0%
Total 3115 - CARPINTERIA	0.00		3,268.14		0.00	100.0%
3116 - GOLETA REACH						
3116-1 - STRUCTURES	0.00		10,952.51		0.00	100.0%
3116-1a - Maintenance	0.00		154.80		0.00	100.0%
3116-1h - Inspection	0.00		92.88		0.00	100.0%
3116-1i - Engineering	0.00		11,200.19		0.00	100.0%
Total 3116-1 - STRUCTURES	0.00		11,200.19		0.00	100.0%
3116-2 - LATERAL METERS	0.00		192.32		0.00	100.0%
3116-2a - Maintenance	0.00		192.32		0.00	100.0%
Total 3116-2 - LATERAL METERS	0.00		192.32		0.00	100.0%
3116-4 - CONDUIT	0.00		548.28		0.00	100.0%
3116-4h - Inspection	0.00		548.28		0.00	100.0%
Total 3116-4 - CONDUIT	0.00		548.28		0.00	100.0%
Total 3116 - GOLETA REACH	0.00		11,940.79		0.00	100.0%
3117 - CARPINTERIA REACH						
3117-1 - STRUCTURES	0.00		4,173.04		0.00	100.0%
3117-1a - Maintenance	0.00		262.32		0.00	100.0%
3117-1h - Inspection	0.00		1,548.00		0.00	100.0%
3117-1i - Engineering	0.00		474.00		0.00	100.0%
3117-1j - Rehabilitation	0.00		6,457.36		0.00	100.0%
Total 3117-1 - STRUCTURES	0.00		6,457.36		0.00	100.0%
3117-4 - CONDUIT	0.00		520.98		0.00	100.0%
3117-4h - Inspection	0.00		520.98		0.00	100.0%
Total 3117-4 - CONDUIT	0.00		520.98		0.00	100.0%
Total 3117 - CARPINTERIA REACH	0.00		6,978.34		0.00	100.0%
3150 - Health & Workers Comp	0.00		43,554.50		196,657.00	22.1%
3155 - PERS	0.00		16,738.14		90,035.00	18.6%
3160 - Ops Co FICA	0.00		6,199.45		30,828.00	20.1%
3165 - Ops Co Medicare	0.00		1,449.88		7,209.00	20.1%
3100 - LABOR - OPERATIONS - Other	0.00		0.00		497,218.00	0.0%
Total 3100 - LABOR - OPERATIONS	0.00		159,142.94		821,947.00	19.4%
3200 VEH & EQUIPMENT						
3201 - Vehicle/Equip Mtce	0.00		2,277.98		30,000.00	7.6%
3202 - Fixed Capital	0.00		0.00		15,000.00	0.0%
3203 - Equipment Rental	0.00		1,859.09		5,000.00	37.2%
3204 - Miscellaneous	0.00		373.34		5,000.00	7.5%
Total 3200 VEH & EQUIPMENT	0.00		4,510.41		55,000.00	8.2%
3300 - CONTRACT LABOR						
3301 - Conduit, Meter, Valve & Misc	0.00		4,635.00		20,000.00	23.2%
3302 - Buildings & Roads	0.00		1,723.78		20,000.00	8.6%
3303 - Reservoirs	0.00		0.00		10,000.00	0.0%
3304 - Engineering, Misc Services	0.00		0.00		10,000.00	0.0%
Total 3300 - CONTRACT LABOR	0.00		6,358.78		60,000.00	10.6%
3400 - MATERIALS & SUPPLIES						
3401 - Conduit, Meter, Valve & Misc	0.00		897.85		25,000.00	3.6%
3402 - Buildings & Roads	0.00		363.70		15,000.00	2.4%
3403 - Reservoirs	0.00		0.00		10,000.00	0.0%
Total 3400 - MATERIALS & SUPPLIES	0.00		1,261.55		50,000.00	2.5%

Cachuma Operation & Maintenance Board
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	Fisheries			Operations			TOTAL		
	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget
3500 - OTHER EXPENSES									
3501 - Utilities	0.00	7,000.00	17.3%	1,210.40	7,000.00	17.3%	1,210.40	7,000.00	17.3%
3502 - Uniforms	0.00	6,000.00	0.0%	0.00	6,000.00	0.0%	0.00	6,000.00	0.0%
3503 - Communications	0.00	18,000.00	15.7%	2,834.29	18,000.00	15.7%	2,834.29	18,000.00	15.7%
3504 - USA & Other Services	0.00	4,000.00	5.6%	225.00	4,000.00	5.6%	225.00	4,000.00	5.6%
3505 - Miscellaneous	0.00	8,000.00	19.4%	1,549.53	8,000.00	19.4%	1,549.53	8,000.00	19.4%
3506 - Training	0.00	3,000.00	28.0%	840.86	3,000.00	28.0%	840.86	3,000.00	28.0%
Total 3500 - OTHER EXPENSES	0.00	46,000.00	14.5%	6,660.08	46,000.00	14.5%	6,660.08	46,000.00	14.5%
4100 - LABOR - FISHERIES									
4101 - Senior Resource Scientist	17,585.96	105,057.00	16.7%	0.00	105,057.00	16.7%	17,585.96	105,057.00	16.7%
4102 - Project Biologist	17,556.46	94,842.00	18.5%	0.00	94,842.00	18.5%	17,556.46	94,842.00	18.5%
4103 - Biologist	14,717.58	76,859.00	19.1%	0.00	76,859.00	19.1%	14,717.58	76,859.00	19.1%
4104 - Oak Tree Program	6,735.53	0.00	0.0%	0.00	0.00	0.0%	6,735.53	0.00	100.0%
4114 - Seasonal Aide - JG	0.00	13,920.00	0.0%	0.00	13,920.00	0.0%	0.00	13,920.00	0.0%
4115 - Seasonal Aide - RK	116.00	13,920.00	0.8%	116.00	13,920.00	0.8%	116.00	13,920.00	0.8%
4116 - Seasonal Aide - DR	290.00	13,920.00	2.1%	0.00	13,920.00	2.1%	290.00	13,920.00	2.1%
4117 - Seasonal Aide - BJ	159.50	13,920.00	1.1%	0.00	13,920.00	1.1%	159.50	13,920.00	1.1%
4118 - Seasonal Aide	0.00	13,920.00	0.0%	0.00	13,920.00	0.0%	0.00	13,920.00	0.0%
4119 - Seasonal Aide	0.00	13,920.00	0.0%	0.00	13,920.00	0.0%	0.00	13,920.00	0.0%
4150 - FD Health & WC	15,153.56	92,102.00	16.5%	0.00	92,102.00	16.5%	15,153.56	92,102.00	16.5%
4151 - FD PERS	9,949.41	53,968.00	18.3%	0.00	53,968.00	18.3%	9,949.41	53,968.00	18.3%
4152 - FD Co FICA	3,880.18	22,337.00	17.4%	0.00	22,337.00	17.4%	3,880.18	22,337.00	17.4%
4153 - FD Co Medicare	907.46	5,224.00	17.4%	0.00	5,224.00	17.4%	907.46	5,224.00	17.4%
Total 4100 - LABOR - FISHERIES	86,951.64	533,909.00	16.3%	0.00	533,909.00	16.3%	86,951.64	533,909.00	16.3%
4200 - VEHICLES & EQUIP - FISHERIES									
4270 - Vehicle/Equip Mctc	975.22	13,000.00	7.5%	91.40	13,000.00	7.5%	1,066.62	13,000.00	8.2%
4280 - Fixed Capital	6,739.00	52,300.00	12.9%	0.00	52,300.00	12.9%	6,739.00	52,300.00	12.9%
4290 - Miscellaneous	143.00	2,500.00	5.7%	0.00	2,500.00	5.7%	143.00	2,500.00	5.7%
Total 4200 - VEHICLES & EQUIP - FISHERIES	7,857.22	67,800.00	11.6%	91.40	67,800.00	11.6%	7,948.62	67,800.00	11.7%
4220 - CONTRACT LABOR - FISHERIES									
4221 - Meters & Valves	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
4222 - Fish Projects Maintenance	0.00	13,000.00	0.0%	0.00	13,000.00	0.0%	0.00	13,000.00	0.0%
Total 4220 - CONTRACT LABOR - FISHERIES	0.00	16,000.00	0.0%	0.00	16,000.00	0.0%	0.00	16,000.00	0.0%
4300 - MATERIALS/SUPPLIES - FISHERIES									
4390 - Miscellaneous	214.57	15,350.00	1.4%	0.00	15,350.00	1.4%	214.57	15,350.00	1.4%
Total 4300 - MATERIALS/SUPPLIES - FISHERIES	214.57	15,350.00	1.4%	0.00	15,350.00	1.4%	214.57	15,350.00	1.4%
4500 - OTHER EXPENSES - FISHERIES									
4502 - Uniforms	452.56	2,500.00	18.1%	0.00	2,500.00	18.1%	452.56	2,500.00	18.1%
Total 4500 - OTHER EXPENSES - FISHERIES	452.56	2,500.00	18.1%	0.00	2,500.00	18.1%	452.56	2,500.00	18.1%
4899 - GENERAL & ADMINISTRATIVE									
5000 - Director Fees									
5001 - Director Mileage	0.00	2,000.00	9.1%	181.74	2,000.00	9.1%	181.74	2,000.00	9.1%
5000 - Director Fees - Other	0.00	11,000.00	16.2%	1,996.80	11,000.00	16.2%	1,996.80	11,000.00	16.2%
Total 5000 - Director Fees	0.00	13,000.00	16.8%	2,178.54	13,000.00	16.8%	2,178.54	13,000.00	16.8%
5100 - Legal									
5101-1 - Audit	0.00	100,000.00	7.6%	7,627.80	100,000.00	7.6%	7,627.80	100,000.00	7.6%
5150 - Unemployment Tax	0.00	11,700.00	0.0%	0.00	11,700.00	0.0%	0.00	11,700.00	0.0%
5200 - Liability Insurance	0.00	25,000.00	0.0%	0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
5201 - Health & Workers Comp	0.00	42,705.00	68.8%	29,371.00	42,705.00	68.8%	29,371.00	42,705.00	68.8%
5250 - PERS	0.00	178,241.00	14.2%	25,346.29	178,241.00	14.2%	25,346.29	178,241.00	14.2%
5260 - Company FICA Admin	0.00	59,642.00	15.2%	9,081.01	59,642.00	15.2%	9,081.01	59,642.00	15.2%
5265 - Company MCARE Admin	0.00	18,963.00	17.7%	3,362.47	18,963.00	17.7%	3,362.47	18,963.00	17.7%
5300 - Manager Salary	0.00	4,435.00	17.7%	786.38	4,435.00	17.7%	786.38	4,435.00	17.7%
5301 - Administrative Manager	0.00	117,000.00	8.0%	9,350.00	117,000.00	8.0%	9,350.00	117,000.00	8.0%
5304 - Administrative Secretary	0.00	71,770.00	20.0%	14,347.20	71,770.00	20.0%	14,347.20	71,770.00	20.0%
Total 4899 - GENERAL & ADMINISTRATIVE	0.00	37,447.00	19.4%	7,283.03	37,447.00	19.4%	7,283.03	37,447.00	19.4%

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	Fisheries			Operations			TOTAL		
	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget
5306 - Administrative Assistant	0.00	40,302.00	20.9%	8,439.74	40,302.00	20.9%	8,439.74	40,302.00	20.9%
5307 - Water Resources Technician	0.00	39,338.00	19.6%	7,699.12	39,338.00	19.6%	7,699.12	39,338.00	19.6%
5310 - Postage/Office Exp	0.00	9,100.00	9.0%	815.57	9,100.00	9.0%	815.57	9,100.00	9.0%
5311 - Office Equip/Leases	0.00	9,691.00	11.8%	1,145.81	9,691.00	11.8%	1,145.81	9,691.00	11.8%
5312 - Misc Admin Expenses	0.00	10,790.00	9.9%	1,064.54	10,790.00	9.9%	1,064.54	10,790.00	9.9%
5313 - Communications	0.00	7,995.00	37.3%	2,981.94	7,995.00	37.3%	2,981.94	7,995.00	37.3%
5314 - Utilities	0.00	9,737.00	0.0%	0.66	9,737.00	0.0%	0.66	9,737.00	0.0%
5315 - Membership Dues	0.00	6,425.00	0.0%	0.00	6,425.00	0.0%	0.00	6,425.00	0.0%
5316 - Admin Fixed Assets	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%
5318 - Computer Consultant	0.00	16,625.00	16.9%	2,817.64	16,625.00	16.9%	2,817.64	16,625.00	16.9%
5325 - Emp Training/Subscriptions	0.00	2,000.00	4.2%	83.85	2,000.00	4.2%	83.85	2,000.00	4.2%
5330 - Admin Travel/Conferences	0.00	2,000.00	18.7%	373.21	2,000.00	18.7%	373.21	2,000.00	18.7%
5331 - Public Information	0.00	1,000.00	23.6%	235.62	1,000.00	23.6%	235.62	1,000.00	23.6%
Total 4999 - GENERAL & ADMINISTRATIVE	0.00	838,906.00	16.0%	134,391.42	838,906.00	16.0%	134,391.42	838,906.00	16.0%
5400 - GENERAL & ADMIN - FISHERIES									
5401 - Health & Workers Comp.	7,939.20	44,671.00	17.8%	0.00	44,671.00	17.8%	7,939.20	44,671.00	17.8%
5402 - CaIPERS	4,899.87	32,115.00	15.2%	0.00	32,115.00	15.2%	4,899.87	32,115.00	15.2%
5403 - Company Fica	1,810.59	10,210.00	17.7%	0.00	10,210.00	17.7%	1,810.59	10,210.00	17.7%
5404 - Admin Secretary	3,921.62	20,163.00	19.4%	0.00	20,163.00	19.4%	3,921.62	20,163.00	19.4%
5405 - GM Salary	5,034.62	63,000.00	8.0%	0.00	63,000.00	8.0%	5,034.62	63,000.00	8.0%
5406 - Company MCare	423.45	2,389.00	17.7%	0.00	2,389.00	17.7%	423.45	2,389.00	17.7%
5407 - Legal - FD	4,244.00	25,000.00	17.0%	0.00	25,000.00	17.0%	4,244.00	25,000.00	17.0%
5408 - Administrative Manager	7,725.44	38,646.00	20.0%	0.00	38,646.00	20.0%	7,725.44	38,646.00	20.0%
5409 - Administrative Asestant	4,544.47	21,701.00	20.9%	0.00	21,701.00	20.9%	4,544.47	21,701.00	20.9%
5410 - Postage / Office Supplies	385.31	4,900.00	7.9%	0.00	4,900.00	7.9%	385.31	4,900.00	7.9%
5411 - Office Equipment / Leases	616.95	5,218.00	11.8%	0.00	5,218.00	11.8%	616.95	5,218.00	11.8%
5412 - Misc. Admin Expense	915.01	5,810.00	15.7%	0.00	5,810.00	15.7%	915.01	5,810.00	15.7%
5413 - Communications	1,139.51	4,305.00	26.5%	534.40	4,305.00	26.5%	1,673.91	4,305.00	38.9%
5414 - Utilities	0.36	5,243.00	0.0%	0.00	5,243.00	0.0%	0.36	5,243.00	0.0%
5415 - Membership Dues	0.00	2,900.00	0.0%	0.00	2,900.00	0.0%	0.00	2,900.00	0.0%
5416 - Admin Fixed Assets	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%
5418 - Computer Consultant	1,517.18	9,000.00	16.9%	0.00	9,000.00	16.9%	1,517.18	9,000.00	16.9%
5425 - Employee Education/Subsription	45.15	2,500.00	1.8%	0.00	2,500.00	1.8%	45.15	2,500.00	1.8%
5426 - Director Fees	1,075.20	6,000.00	17.9%	0.00	6,000.00	17.9%	1,075.20	6,000.00	17.9%
5427 - Director Mileage	97.87	1,000.00	9.8%	0.00	1,000.00	9.8%	97.87	1,000.00	9.8%
5430 - Travel	200.96	2,500.00	8.0%	0.00	2,500.00	8.0%	200.96	2,500.00	8.0%
5431 - Public Information	126.87	1,500.00	8.5%	0.00	1,500.00	8.5%	126.87	1,500.00	8.5%
5441 - Audit	0.00	6,300.00	0.0%	0.00	6,300.00	0.0%	0.00	6,300.00	0.0%
5443 - Liab & Property Ins	15,815.00	21,595.00	73.2%	0.00	21,595.00	73.2%	15,815.00	21,595.00	73.2%
5450 - Water Resources Technician	4,145.69	21,182.00	19.6%	0.00	21,182.00	19.6%	4,145.69	21,182.00	19.6%
Total 5400 - GENERAL & ADMIN - FISHERIES	66,614.31	361,848.00	18.4%	534.40	361,848.00	18.4%	67,148.71	361,848.00	18.6%
5510 - Integrated Reg. Water Mgt Plan	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
6000 - SPECIAL PROJECTS									
6062 - SCADA	0.00	30,000.00	1.1%	328.52	30,000.00	1.1%	328.52	30,000.00	1.1%
6080 - COMB Office Building	0.00	20,000.00	4.3%	858.61	20,000.00	4.3%	858.61	20,000.00	4.3%
6082 - SCC Improv Plan & Design	0.00	25,000.00	0.0%	0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
6092 - 1 - SCC Improv Plan & Design - CO	0.00	25,000.00	0.0%	0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
6098 - SCC Structure Rehabilitation	0.00	111,270.00	0.0%	0.00	111,270.00	0.0%	0.00	111,270.00	0.0%
6097 - GIS and Mapping	0.00	10,000.00	13.9%	1,387.19	10,000.00	13.9%	1,387.19	10,000.00	13.9%
6105 - ROW Management Program	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
6107 - North Portal Elevator Rehab	0.00	300,000.00	1.3%	3,850.00	300,000.00	1.3%	3,850.00	300,000.00	1.3%
Total 6000 - SPECIAL PROJECTS	0.00	481,270.00	1.3%	6,424.32	481,270.00	1.3%	6,424.32	481,270.00	1.3%
6200 - FISHERIES ACTIVITIES									
6201 - FMP Implementation	1,120.95	105,000.00	1.1%	0.00	105,000.00	1.1%	1,120.95	105,000.00	1.1%
6202 - GIS and Mapping	1,484.43	10,000.00	14.8%	0.00	10,000.00	14.8%	1,484.43	10,000.00	14.8%
6203 - Grants Technical Support	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
6204 - SYR Hydrology Technical Support	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
6205 - USGS Stream Gauge Program	18,537.50	75,000.00	24.7%	0.00	75,000.00	24.7%	18,537.50	75,000.00	24.7%
6206 - Tri County Fish Team Funding	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
Budget vs. Actuals July 2013 - Jun 2014

	Fishes			Operations			TOTAL		
	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget	Jul - Aug 13	Budget	% of Budget
6206-1 - Tri County Fish Team Fund CO	0.00	-5,000.00	0.0%	0.00	0.00	0.0%	0.00	-5,000.00	0.0%
6207 - Oak Tree Restoration Program	131.15	25,000.00	0.5%	0.00	0.00	0.0%	131.15	25,000.00	0.5%
6211 - SYR RiverWare Model Use	0.00	5,000.00	0.0%	0.00	0.00	0.0%	0.00	5,000.00	0.0%
Total 6200 - FISHERIES ACTIVITIES	21,274.03	245,000.00	8.7%	0.00	0.00	0.0%	21,274.03	245,000.00	8.7%
6300 - HABITAT ENHANCEMENT	0.00	3,000.00	0.0%	0.00	0.00	0.0%	0.00	3,000.00	0.0%
6303 - Tributary Projects Support	0.00	70,000.00	0.0%	0.00	0.00	0.0%	0.00	70,000.00	0.0%
6304 - Engineering Designs - QC	81,966.06	770,000.00	10.6%	0.00	0.00	0.0%	81,966.06	770,000.00	10.6%
6309 - Quieta Creek Crossing #1	81,966.06	843,000.00	9.7%	0.00	0.00	0.0%	81,966.06	843,000.00	9.7%
Total 6300 - HABITAT ENHANCEMENT	265,330.41	2,085,407.00	12.7%	319,375.28	2,356,123.00	13.5%	584,705.69	4,443,530.00	13.2%
Total Expense	542.57	0.00	100.0%	270,807.52	0.00	100.0%	271,350.09	0.00	100.0%
Net Income									



STATEMENT OF ACCOUNTS

UNION BANK
LOCAL GOVERNMENT CENTRAL COAST 0986
PO BOX 513840
LOS ANGELES CA 90051-3840

Page 1 of 1
CACHUMA OPERATION & MAINTENANC
Statement Number: 0102335080
8/1/13 - 8/30/13

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CACHUMA OPERATION & MAINTENANCE BOARD
CACHUMA PROJECT TRUST FUND
3301 LAUREL CANYON RD
SANTA BARBARA CA 93105-2017

BUSINESS MONEYMARKET ACCOUNT SUMMARY

Days in statement period: 30

Beginning balance on 8/1	\$		48,572.01	Interest		
Total Credits			6.06	Paid this period	\$	6.06
Other credits and adjustments (1)		6.06		Paid year-to-date	\$	40.50
Total Debits			0.00	Interest Rates		
Ending Balance on 8/30	\$		48,578.07	8/1/13-8/30/13		0.15%

CREDITS

Other credits and adjustments

Date	Description	Reference	Amount
8/30	INTEREST PAYMENT		\$ 6.06

DAILY LEDGER BALANCE

Date	Ledger Balance	Date	Ledger Balance
8/1-8/29	\$ 48,572.01	8/30	\$ 48,578.07

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Randall Ward, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of August, 2013, 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 Union Bank investments of this agency for the period indicated.

Secretary



STATEMENT OF ACCOUNTS

UNION BANK
LOCAL GOVERNMENT CENTRAL COAST 0986
PO BOX 513840
LOS ANGELES CA 90051-3840

Page 1 of 1
CACHUMA OPERATION & MAINTENANC
Statement Number: 0102335072
8/1/13 - 8/30/13

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CY30 MZ0 B 0000 0094090-121957 355224
CACHUMA OPERATION & MAINTENANCE BOARD
MASTER CONTRACT RENEWAL FUND
3301 LAUREL CANYON RD
SANTA BARBARA CA 93105-2017

BUSINESS ESSENTIALS INTEREST CHK SUMMARY

Days in statement period: 30

Table with columns for balance, credits, debits, and interest. Includes rows for Beginning balance on 8/1, Total Credits, Total Debits, and Ending Balance on 8/30.

CREDITS

Other credits and adjustments

Table with columns: Date, Description, Reference, Amount. Includes entries for 8/19 ACCOUNT ANALYSIS DEFICIT REFUND and 8/30 INTEREST PAYMENT.

DEBITS

Other debits, fees and adjustments

Table with columns: Date, Description, Reference, Amount. Includes entry for 8/26 ANALYSIS DEFICIT JUL 2 013.

DAILY LEDGER BALANCE

Table with columns: Date, Ledger Balance, Date, Ledger Balance, Date, Ledger Balance. Shows balance changes over time.

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board
FROM: Randall Ward, Secretary
SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of August, 2013, 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 Union Bank investments of this agency for the period indicated.

Handwritten signature of Randall Ward



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

www.treasurer.ca.gov/pmia-laif
September 18, 2013

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Tran Type Definitions

August 20

Account Summary

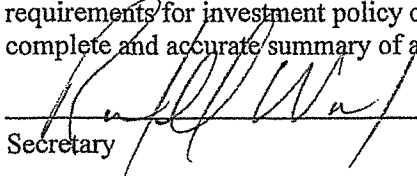
Total Deposit:	0.00	Beginning Balance:	3,883.72
Total Withdrawal:	0.00	Ending Balance:	3,883.72

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Randall Ward, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of August, 2013, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all LAIF investments of this agency for the period indicated.


Secretary

4:39 PM
09/17/13
Accrual Basis

comb2
Payment of Claims
As of August 31, 2013

Date	Num	Name	Memo	Amount
1050 - GENERAL FUND				
08/12/2013	22040	Acorn Landscape Management Co.	Scheduled mtce-Lauro yard	-260.77
08/12/2013	22041	Alonzo Orozco	Jul mtg fees	-271.98
08/12/2013	22042	AMI Pipe and Supply, Inc.	Gas detector calibration mix PO#9225	-260.00
08/12/2013	22043	Association of Ca Water Agencies/JPIA	9/1/13-10/1/13 coverage	-26,065.09
08/12/2013	22044	AT&T	Jul statement	-281.40
08/12/2013	22045	Blue Gavel Press	CA Employer's Guide-24th Edition	-129.00
08/12/2013	22046	CDW Government, Inc.	MS Windows Pro 7 (Toughbooks)	-438.89
08/12/2013	22047	Channel City Lumber	Clamps	-7.73
08/12/2013	22048	CIO Solutions, LP	Monthly charges - additional svcs	-2,048.25
08/12/2013	22049	City of Santa-Barbara	Refuse/recycle 6/27-7/31/13	-182.14
08/12/2013	22050	Coastal Copy, LP	Mtce agreements - copiers	-146.38
08/12/2013	22051	COMB-Petty Cash	Replenish Petty Cash	-100.00
08/12/2013	22052	COMB - Revolving Fund	Aug 16, 30, Sep, Oct 11 payrolls/taxes	-321,298.34
08/12/2013	22053	Cox Communications	Business internet Aug	-195.00
08/12/2013	22054	Culligan Water	RO system Aug	-24.95
08/12/2013	22055	Dale Francisco	Jul mtg fees	-265.37
08/12/2013	22056	Dennis E. Beebe	Jul mtg fees	-320.08
08/12/2013	22057	ECHO Communications	Answering service	-63.20
08/12/2013	22058	GE Capital	Copier lease TASKalfa 250CI Billing ID#90136047559	-133.92
08/12/2013	22059	Harrison Hardware	Pipe fittings/bug spray/rodent bait/gas can/pvc	-93.72
08/12/2013	22060	Home Depot Credit Services	Materials hazmat bldg - structure maintenance	-750.69
08/12/2013	22061	Hydrex Pest Control Co.	Ant/pest control	-108.00
08/12/2013	22062	J&C Services	Cleaning services 6/28, 7/5, 12, 19	-600.00
08/12/2013	22063	Lauren W. Hanson	Jul mtg fees	-400.95
08/12/2013	22064	MapLogic Corporation	MapLogic Layout Mgr Annual Mtce 9/9/13-10/8/14	-250.00
08/12/2013	22065	MarBorg Industries	Portable toilets - outlying stations	-348.37
08/12/2013	22066	Musick, Peeler & Garrett LLP	General Counsel-Jun	-10,112.40
08/12/2013	22067	Nextel Communications	Cellular-Ops field crew/on-call	-452.90
08/12/2013	22068	Northwest Hydraulic Consultants	Post project reporting/support-thru Jun	-466.96
08/12/2013	22069	Onset Computer Corporation	Water temp loggers - fisheries program	-6,914.00
08/12/2013	22070	Orchard Commercial Services	Structure maintenance supplies	-181.21
08/12/2013	22071	Praxair Distribution, Inc	Cylinder rental-acetylene for welder	-61.88
08/12/2013	22072	Prober Land Surveying	Quiota Crk Xng 1 Survey PO#13-14-02	-1,904.00
08/12/2013	22073	Prudential Overall Supply	Mats/scrapers for offices	-198.96
08/12/2013	22074	Republic Elevator Co.	Scheduled mtce-NP elevator	-278.12
08/12/2013	22075	Reserve Account	Postage refill	-400.00
08/12/2013	22076	SB Home Improvement Center	Structure maintenance supplies	-86.64
08/12/2013	22077	Schwan Brothers Excavation, Inc.	Transport backhoe	-230.00
08/12/2013	22078	Secorp Industries	Quantitative/respirator fit test PO#9217	-740.00
08/12/2013	22079	Sherwin Williams Co.	Structure maintenance supplies	-186.71
08/12/2013	22080	Southern California Edison	Main ofc/outlying stations	-1,726.30
08/12/2013	22081	Staples Contract and Commercial, Inc.	Office supplies	-98.19
08/12/2013	22082	Sun Coast Rentals	Chipper	-1,154.00
08/12/2013	22083	Tri-Co Reprographics	Scanned drawings of Sheffield for Toughbooks	-8.60
08/12/2013	22084	Underground Service Alert of So. Calif.	New ticket charges-42	-63.00
08/12/2013	22085	United Rentals (North America), Inc.	Blower (24") rental-Sheffield tunnel walk	-575.78
08/12/2013	22086	United States Geological Survey	Agmt#13WSCA44600 3rd Qrtly 5/1-7/31/13 billing Agmt 1	-18,537.50
08/12/2013	22087	Verizon California	Main ofc/outlying stations	-414.19
08/12/2013	22088	Vulcan Materials Company	Concrete for hazmat bldg pad	-337.32
08/12/2013	22089	W. Douglas Morgan	Jul mtg fees	-417.91
08/12/2013	22090	Wright Express Fleet Services	Fleet fuel	-2,133.58
08/12/2013	22091	County of S.B.-P.W. Trans	Quiota Crk (Refugio Rd) Xng #1 Permit #N50140	-19,445.00
08/12/2013	22092	Paychex, Inc.	7/5, 19, 8/2 payroll/taxes/qtr/deliveries	-467.15
08/12/2013	22093	Southern California Edison	Outlying stations	-81.58
08/12/2013	22094	Staples Contract and Commercial, Inc.	Office supplies	-166.85
08/12/2013	22095	Verizon California	SCADA	-505.17
08/12/2013	22096	Verizon Wireless	Modems - Boundary, Ortega/Cell - Eng, Ops	-355.49
08/12/2013	22097	CONTECH Engineered Solutions	Deposit inv-bridge Quiota Crk Xng 1	-60,325.41
08/28/2013	22098	COMB-Petty Cash	Replenish Petty Cash	-398.08
08/29/2013	22099	Acorn Landscape Management Co.	Scheduled mtce-Lauro yard	-260.77
08/29/2013	22100	Business Card	AM - Web hosting / phone charger	-91.09
08/29/2013	22101	GE Capital	Copier lease TASKalfa 4550CI Billing ID#90136237322	-355.32
08/29/2013	22102	Iraj Vatankhah	Reimb-mileage-D3 cert training course	-265.55

4:39 PM
09/17/13
Accrual Basis

comb2
Payment of Claims
As of August 31, 2013

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
08/29/2013	22103	J&C Services	Cleaning services 7/29, 8/2,9,16	-600.00
08/29/2013	22104	Musick, Peeler & Garrett LLP	General Counsel-Jul	-11,871.80
08/29/2013	22105	Nextel Communications	Cellular-Ops field crew/on-call	-409.72
08/29/2013	22106	PG&E	North Portal	-297.88
08/29/2013	22107	Santa Barbara News Press	Quiota Creek Xng 1 Notice Inviting Bids (1st round)	-123.20
Total 1050 · GENERAL FUND				<u>-498,744.43</u>
				<u>-498,744.43</u>

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	September 23, 2013
Submitted by:	Randall Ward

SUBJECT: Consider establishing the Ad Hoc Lake Cachuma Oak Tree Committee as a Standing Board Committee

SUMMARY:

The Ad Hoc Lake Cachuma Oak Tree Committee has determined that it would be beneficial for that committee to meet on a regular basis in order to better support the program. In order to meet regularly the committee can no longer function as an ad hoc committee and comply with the Brown Act. A standing committee of the Board with continuing subject matter or a regular meeting schedule is considered to be legislative bodies subject to the notice and agenda requirements of the Brown Act.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

The Ad Hoc Lake Cachuma Oak Tree Committee recommends that it be established as a standing Board committee.

RECOMMENDATION:

The Board shall move to establish Lake Cachuma Oak Tree Committee as a standing Board committee.

LIST OF EXHIBITS:

N/A

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	September 23, 2013
Submitted by:	Tim Robinson
Approved by:	Randall Ward

SUBJECT: Quiota Creek Crossing 1 Fish Passage Improvement Project, Engineering Oversight Support

SUMMARY:

A 60-foot prefabricated bottomless arched culvert with four wing walls and one rock riffle for grade-control are planned to replace the current concrete low flow crossing at Quiota Creek Crossing 1. The final designs have been approved by the National Marine Fisheries Service (NMFS), California Department of Fish and Game (CDFW) and Santa Barbara County (County), by Friday all permits for the project will be obtained, and the Notice to Proceed from CDFW is expected by the end of the week. All funding for this project has been secured from a CDFW grant (\$521,141), a grant from the California Wildlife Conservation Board (WCB) (\$150,000), and a COMB construction match (\$50,000). The temporary construction Right of Entry agreement from the landowner within the project boundary has been received. Upon determining a construction contractor, the project will begin as soon as possible and is scheduled to be completed by the beginning of December this year. A construction contract was issued to the lowest responsive and responsible bidder, Peter Lapidus Construction Inc, for \$537,235 as approved by the Board.

Engineering oversight is required for this project for the onsite construction and offsite fabrication of the prefabricated arch system (bridge). Currently COMB does not have a Resident Engineer (RE); hence services of a certified Civil Engineer (PE) with appropriate experience will need to be secured for the duration of the project. This will be a part time effort with collaboration from COMB staff. In addition, the County requires that COMB has an oversight engineer present during bridge fabrication specifically during rebar placement and concrete pours as well as the required materials testing. Quotes from qualified engineers are being sought and the estimated cost for both oversight engineers is approximately \$17,000 for the RE and \$26,000 for the fabrication oversight. Since these are estimates, staff requests Board approval for the General Manager to enter into two contracts for RE and fabrication engineering oversight for a cumulative amount not to exceed \$50,000. Required funds will be obtained from the vacant COMB Resident Engineer position and County Encroachment Permit Fee reimbursement for the engineering oversight they had included in those fees for the bridge fabrication.

FINANCIAL IMPACT:

COMB is obligated to a \$50,000 construction match, staff time and operating expenses (independent design review and all permit fees). The COMB budget provided \$770,000 for the project. A summary of the revenues (grant funding and COMB match) are as follows:

	Amount
Revenues:	
CDFW grant	\$521,141
WCB grant	\$150,000
COMB construction match	\$50,000
COMB operations match	\$48,859
Total:	\$770,000

Estimated costs for the project are as follows:

Estimated Costs:	
COMB operations match	\$32,631
Engineering oversight - Resident Engineer, estimated	\$16,228
Engineering oversight - bridge fabrication, estimated	\$25,000
Construction Contractor bid	\$537,235
Contech prefabricated arch plus	\$179,978
Total:	\$791,072

Engineering oversight for the RE and bridge fabrication are estimated as those expenditures have not yet been contracted.

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Action Item 6: Authorizing the COMB General Manager to execute two separate contracts for a Resident Engineer and engineering oversight for the bridge fabrication in a cumulative amount not to exceed \$50,000.

LIST OF EXHIBITS:

N/A



Mission Statement:

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

DATE: September 23, 2013

General Manager Report

As you may be aware, the Engineer/Operations Manager resigned on September 3. The two lead Water Service Workers have been given the responsibility of developing assignments and providing oversight of day-to-day staff activities. I am in the process of determining the most appropriate description of duties for the purpose of seeking a replacement. In the interim, I am providing regular management oversight and direction to the division.

- **North Portal Elevator Interim Safety Measure:** The engineered interim solution has been installed and the elevator is now operational for the purpose of conducting necessary service and maintenance. The elevator will not be used without the presence of a licensed elevator contractor on site. At the time of installation, with the elevator contractor on site, service and maintenance was performed on the 30" flow control valve and related appurtenances.
- **North Portal Elevator Phase II:** RCB, the contractor providing Phase II elevator design and engineering services, anticipates completion by early November. It is our intent to advertise the elevator rehabilitation contract as soon as design and engineering is complete.
- **USBR Site Inspection:** The USBR has concluded a comprehensive 6-year review of Cachuma Project Facilities and requested a COMB response to the recommendations. The report includes six new Category 2 recommendations. The Operations Committee will be provided a briefing at a scheduled meeting on September 25. Directors and Member Unit managers will be provided the USBR spreadsheet listing of Category I and II recommendations. Included in the USBR review are recommendations that apply specifically to Member Unit facilities. Those recommendations have been forwarded to the Member Units requesting review and comment.
- **Emergency Action Plan:** With one exception, all City, County, Emergency Management Centers and Member Units have received their training and copies of the plan.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Randall M. Ward', is written over a faint, larger version of the signature.

General Manager

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	September 23, 2013
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Randy Ward

SUBJECT: Lake Cachuma Oak Tree Restoration Program

SUMMARY:

This oak tree memorandum reflects maintenance completed since the beginning of this Fiscal Year (7/1/13); tasks completed in June (2013) were included for reference (Table 1). Labor and expenses for the entire fiscal year (July 2013 - June 2014) as well as water usage will be tracked separately but not reported as recommended by the COMB Board ad hoc Oak Tree Program Committee. COMB staff continues to rely on the Fisheries Division seasonal employees to conduct the majority of oak tree work in the field. For the month of July, irrigation was conducted for all oaks as needed at Storke Flat as well as for the Year 5 oaks at the Bradbury Dam site. In the first half of August, the Year 1 and Year 2 oak trees at Storke Flat were irrigated as needed. Cage maintenance and mulching at Storke Flat and the Dam site are in progress for the current month.

Table 1: Cachuma Oak Tree Program completed tasks since 7/1/13; June tasks were included for reference.

Oak Year Class	Completed Tasks			
	Jun 2013	Jul 2013	Aug 2013	Sep 2013
Year 6 Oaks (2010-2011)	Cage maintenance Irrigated	Irrigated Hand weeded	Cage maintenance Road maintenance	Cage maintenance Mulching
Year 5 Oaks (2009-2010)	Irrigated	Irrigated		Cage maintenance Irrigated Mulching
Year 4 Oaks (2008-2009)	Irrigated			Cage maintenance Irrigated* Mulching
Year 3 Oaks (2007-2008)	Irrigated			Cage maintenance Irrigated* Mulching
Year 2 Oaks (2006-2007)	Irrigated	Irrigated*	Irrigated* Cage maintenance Road maintenance	Cage maintenance Mulching
Year 1 Oaks (2005-2006)	Irrigated	Irrigated*	Irrigated* Cage maintenance Road maintenance	Cage maintenance Mulching

*Valley oaks and trees under 4' in height

FINANCIAL IMPACT:

Tracked but not included.

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

For Board information only.

LIST OF EXHIBITS:

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: September 23, 2013
TO: Board of Directors
FROM: Randall Ward, General Manager
RE: OPERATIONS REPORT

Operations

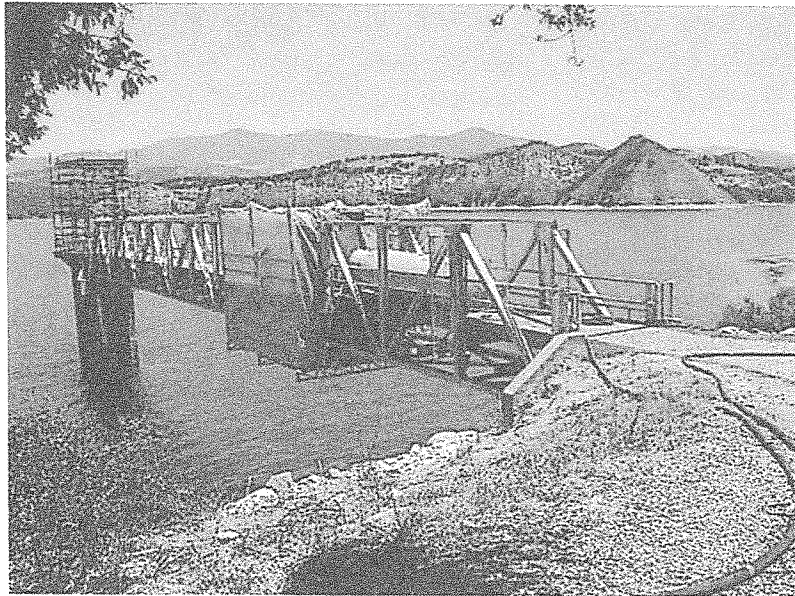
To ensure reliability, the Operation and Maintenance staff performs routine maintenance on COMB's Distribution and Storage System. Staff continually works to improve the system as well as making sure any deficiencies are addressed.

Lake Cachuma Operations

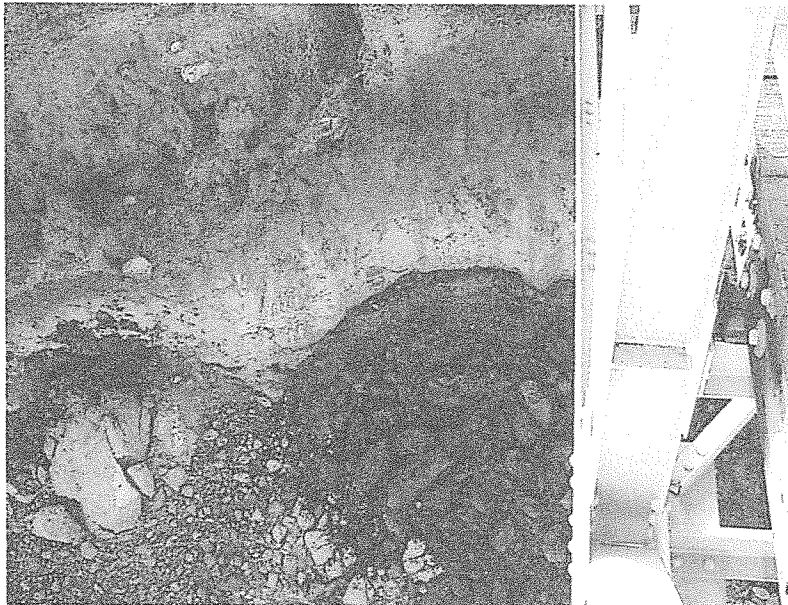
The total flow from Lake Cachuma into the Tecolote Tunnel for August was 3,459.3 acre-feet for an average daily flow of 111.59 acre-feet. The lake elevation was 717.63 feet at the beginning of the month and 713.73 feet at the end. The storage change decreased 8,051 acre-feet. CCWA 640.6 acre-feet water was wheeled through to Cachuma Project facilities.

Operation and Maintenance Activities

Operations staff took advantage of the existing lake elevation to conduct an erosion control project at the North Portal (NP). Problematic erosion has occurred and would have continued to occur on both sides of the slope opposite the intake tower without this project. The erosion problem is attributable to the lakes elevation change pursuant to modification of the Bradbury Dam Gates. Specifically, erosion has occurred on both sides of existing rip-rap that protects the slope and the bridge structure providing access to the intake tower. This project added a fabric base covered with rock to eliminate the continuance of erosion. The project was conducted with the assistance of a contractor and the active involvement of operations staff.



Bridge entrance to the Intake Tower, concrete footings and existing rip-rap at the entrance.



The area that has eroded beyond the concrete footings of the bridge.



New rip-rap (dirt and rock area) was added to the existing rip-rap at the top of the picture. This addition filled the eroded area in the previous picture and will prevent further erosion.

It is the responsibility of COMB Staff to operate and maintain the Project works, and deliver and utilize Project water in compliance with the water service contract and terms of the Contract for the Transfer of the Operation and Maintenance of the Cachuma Project Works. These responsibilities are detailed in the Standing Operating Procedures (SOP) issued by USBR in 1981 and periodically revised.

COMB Staff continues to perform these duties as outlined:

- Weekly Safety Meeting
- Rodent Bait
- Weed Abatement (All sites)
- Toe Drain and Peizometer reads at Ortega (L23)
- Dam inspection (All Reservoirs)
- Cathodic protection inspection at Lauro 54" pipe
- Watering Oak trees behind Lauro Reservoir.
- Service ground equipment
- Structure maintenance

COMB Crew performed other activities such as:

- Remove boundary meter for calibration
- Repair lid at San Antonio Blow-off (USBR Recommendation)
- Replace and covered Air Valve at Toro Canyon Isolation valve station
- Install flap valve at STA 318+50 (USBR Recommendation)
- Anchored down Hazmat building at Lauro upper yard to ensure the safety of materials inside during an earthquake
- Prepare and submit Air Valve Air Release Valve (AVAR) drawings to USBR for their approval
- Replaced SCADA Uninterrupted Power Supply at Goleta West

CACHUMA OPERATION AND MAINTENANCE BOARD
BOARD MEMORANDUM

DATE: September 23, 2013
TO: Randy Ward, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

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

LSYR Steelhead Monitoring Elements

Thermograph Network:

The thermograph network is deployed at the beginning of April and picked up at the end of December to record water temperatures at all designated locations within the LSYR mainstem and several tributaries. All thermographs have been deployed in the LSYR mainstem and its tributaries for the dry season. Thermographs are downloaded monthly and the results are summarized in the Annual Monitoring Report.

Lake Profiles:

Lake Cachuma water quality measurements (temperature, dissolved oxygen concentration and total dissolved solids) at one meter intervals from the surface to the bottom of the lake (Lake Profile) are taken once a month from April through December at the Hilton Creek Watering System (HCWS) intake barge. This is considered to be at or near the deepest point in the lake and allows for monitoring of lake stratification, water quality conditions at the intake level for the HCWS and lake-turnoff.

Snorkel Surveys:

Snorkel surveys are conducted at the end of the spring, summer and fall each year. The spring survey was completed in June 2013 and the summer survey was completed in September 2013. The full results will be presented in the Annual Monitoring Report. The fall survey will be conducted in October and November of this year. Snorkel surveys are being conducted in association with required monitoring for WR 89-18 releases.

Cachuma Lake Oak Tree Restoration Program:

COMB staff, with guidance from the hired professional arborist, continues to implement the Program and have successfully conducted all management actions as required. An update of the project is provided in a separate Board memo.

Tributary Project Updates

Quiota Creek Crossing 1: All construction funds for this project have been secured: a California Department of Fish and Wildlife (CDFW) Fisheries Restoration Grant Program (FRGP) grant for \$521,141, a California Wildlife Conservation Board (WCB) grant for

\$150,000, and a COMB construction match for \$50,000. All landowners have been informed about the pending project. The construction contractor for the project has been selected from a competitive bidding process and a contract has been issued to the lowest responsive and responsible bidder, Peter Lapidus Construction, Inc. Construction should begin shortly.

Quiota Creek Crossing 0: No further progress has been made.

Quiota Creek Crossing 8: No further progress has been made.

Rancho Salsipuedes Cattle Exclusionary Fencing and Off-Channel Watering: The landowner is reviewing the access agreement and the project has been delayed until the fall.

Salsipuedes Creek – Jalama Road Fish Ladder: No further progress has been made.

Surcharge Water Accounting

The following table summarizes the amount of Surcharge water used to date from each of the three accounts at the end of last month (Table 1). All numbers come from Reclamation's Daily Operations Report. The start time for the use of the Surcharge Water Accounts was 5/27/11, or the last day of full surcharge. As of May 2012, all of the Fish Rearing account waters have been used and we are now using Project Yield to meet BO target flows. A WR 89-18 release began on 7/15/13 at 8:15 AM; during these releases no Fish Rearing releases are debited as WR 89-18 releases exceed required target flows. Subtracted from the Project Yield total was the Adaptive Management Account (AMA) release of 35 acre-feet in October 2012 that was called for by the Adaptive Management Committee (AMC). A second AMA release was called for by the AMC and began in June of 2013; the release amounts will be reflected in next month's Fisheries Report once Reclamation determines the amount of AMA water used.

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

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage	3,200	0	3,200
Adaptive Management	500	35	465
Fish Rearing***	5,242	5,242	0
Project Yield		8,121	
Total:	8,942	13,398	3,665
* Originally was 9,200 and as of 2008 it is 8,942.			
** Values as of 8/31/13.			
*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.			

Reporting / Outreach / Training

Reporting: The 2011 Annual Monitoring Report has been submitted to Reclamation. Staff continues to work on the 2012 Annual Monitoring Report that will be sent to the Science Review Team soon.

Outreach and Training: Staff continues to work with Quiota Creek watershed landowners on a variety of fisheries issues. Staff has begun outreach to the community in preparation of the Quiota Creek Crossing 1 project.

Consultant Activity Summary:

HDR Fisheries Design Center (Mike Garelo) – Design work for Quiota Creek Crossings 0+1.

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

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

12-13 ENTITLEMENT

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF AUGUST 2013 AND THE WATER YEAR TO DATE**

(All in rounded Acre Feet)

			MONTH TOTAL	YTD TOTAL		
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)			3,459	27,577		
Tecolote Tunnel Infiltration			58	1,535		
Glen Anne Reservoir			0	0		
Cachuma Lake (County Park)			10	67		
State Water Diversion Credit			641	1,050		
Bishop Ranch Diversion			0	100		
Meter Reads			2,810	26,913		
So. Coast Storage gain/(loss)			7	12		
Total Production			3,528	29,179		
Total Deliveries			3,458	28,075		
Unaccounted-for			70	1,104		
% Unaccounted-for			1.99%	3.79%		
	GWD	SB CITY	MWD	CVWD	SYRWCD	TOTAL
					I.D. #1	
WATER USE:						
M&I	378	1,313	359	261	10	2,321
Agricultural	204		72	213		489
TOTAL FOR MONTH	582	1,313	431	474	10	2,810
Same Mo/prev. yr	1,281	1,065	493	371	12	3,222
M&I Yr to date	7,433	9,879	3,348	1,758	66	22,484
Ag. Yr to date	2,412	0	487	1,702	0	4,601
TOTAL YTD	9,845	9,879	3,835	3,460	66	27,085
USAGE % YTD	91.3%	71.3%	85.9%	86.7%	6.5%	79.4%
Previous Year/YTD	10,797	8,244	3,148	3,092	67	25,348
Evaporation	0	0	0	0	0	0
Evaporation, YTD	6	123	12	12	0	153
Entitlement	9,322	8,277	2,651	2,813	2,651	25,714
Carryover	879	5,715	1,099	931	3	8,627
Carryover Balances Spilled YTD	0	0	0	0	0	0
Surplus^^	0	0	0	0	0	0
State Water Exchange^	590	41	744	260	(1,635)	0
Transfers/Adjustment #	0	0	(18)	0	0	(18)
Passthrough H2O**	0	0	0	0	0	0
TOTAL AVAILABLE	10,791	14,033	4,476	4,004	1,019	34,323
REMAINING BALANCE	940	4,031	629	532	953	7,085

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

State Water Deliveries for August to Lake Cachuma were: MWD 81 AF; CVWD 0 AF

GWD 500 AF (Morehart 0 AF); City of S.B. 0 AF; and LaCumbre 60 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 169 AF; MWD received 226 AF;

City of SB received 0 AF; and CVWD received 75 AF from ID#1 in August 2013.

Adj to meter reads - MWD Valley Club - WY2013

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: August 2013

GLEN ANNIE RESERVOIR

Capacity at 385' elevation:	518 Acre Feet
Capacity at sill of intake at 334' elevation:	21 Acre Feet
Stage of Reservoir Elevation	347.00 Feet
Water in Storage	87.85 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	546.90 Feet
Water in Storage	547.83 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	454.60 Feet
Water in Storage	45.52 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	376.70 Feet
Water in Storage	27.27 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	620.63 Acre Feet
	7.32 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	713.73 Feet
Water in Storage	98,711 AF
Area	1,929
Evaporation	1,170.8 AF
Inflow	491 AF
Downstream Release WR8918	4085.6 AF
Fish Release	467.3 AF
Outlet	0.0 AF
Spill/Seismic Release	0 AF
State Project Water	640.6 AF
Change in Storage	-8,051 AF
Tecolote Diversion	3,459.3 AF

Rainfall: Month: 0.00 Season: 0.02 Percent of Normal: 67%

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

Contract Year: 10/1/12 to: 9/30/13

Contract Entity: Carpinteria Valley Water District
 Last updated by C.O.M.B. 8/31/13

Month	Approved Schedule		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT				
	Current Year	2813		931	M & I	Agri	Total	Evap	Div	Acre-feet	Allocation	M & I	Agri	Total
Oct				144	172	316	7	316	323	147	176	0	0	0
Nov				116	115	231	2	231	233	117	116	0	0	0
Dec				29	13	42	1	42	43	29	13	0	0	0
Jan				75	54	129	1	129	130	75	54	0	0	0
Feb				125	87	212	1	202	203	119	83	6	4	10
Mar				210	125	250	0	0	0	0	0	125	125	250
Apr				238	240	450	0	0	0	0	0	210	240	450
May				160	158	318	0	0	0	0	0	238	248	486
Jun				275	277	552	0	0	0	0	0	160	158	319
Jul				261	213	474	0	0	0	0	0	275	277	552
Aug							0	0	0	0	0	261	213	474
Sep							0	0	0	0	0			
Total		2813	931	1,758	1,702	3,460	11							

Month	STORAGE WATER		CURRENT SCHEDULE		CONVERSIONS		SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
	M & I	Agri	M & I	Agri	M & I	Agri	M & I	Agri	M & I	Agri
Oct	147	-147	0	0	0	0	0	0	1,013	1,800
Nov	117	-117	0	0	0	0	0	15	12	27
Dec	29	-29	0	0	0	0	0	0	0	0
Jan	75	-75	0	0	0	0	0	0	0	0
Feb	119	-119	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	7	7	14
Apr	0	0	0	0	0	0	0	11	12	23
May	0	0	0	0	0	0	0	11	11	22
Jun	0	0	0	0	0	0	0	17	17	34
Jul	0	0	0	0	0	0	0	32	33	65
Aug	0	0	127.81	0	0	0	0	41	34	75
Sep	0	0	0	0	0	0	0	0	0	0
Total	931	0	931	0	931	0	931	1,013	1,800	2,813

Month	REMAINING BALANCES		REMAINING BALANCES	
	Total	AG	Total	AG
Oct	608	608	1028	1812
Nov	375	375	1028	1812
Dec	332	333	1028	1812
Jan	203	204	1028	1812
Feb	0	2	1022	1808
Mar	0	2	904	1690
Apr	0	2	705	1450
May	0	2	478	1213
Jun	0	2	335	1072
Jul	0	2	92	828
Aug	0	2	0	521
Sep	0	0	0	0
Total	608	608	1028	1812

TOTAL 532

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

Contract Year: 10/1/12 to: 9/30/13

Contract Entity: Gofeta Water District
 Last updated by C.O.M.B. 8/31/13

Month	Approved Schedule		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT				
	Current Year	9322		879	M & I	Agr	Total	Evap	Div	Acre-feet	M & I	Agr	Total	
Oct				903	353	1,255	6	873	879	632	247	275	107	382
Nov				715	256	971	0	0	0	0	0	715	256	971
Dec				503	55	558	0	0	0	0	0	503	55	558
Jan				621	35	656	0	0	0	0	0	621	35	656
Feb				576	64	640	0	0	0	0	0	576	64	640
Mar				622	152	774	0	0	0	0	0	622	152	774
Apr				724	197	921	0	0	0	0	0	724	197	921
May				735	364	1,099	0	0	0	0	0	735	364	1,099
Jun				814	260	1,074	0	0	0	0	0	814	260	1,074
Jul				843	472	1,315	0	0	0	0	0	843	472	1,315
Aug				378	204	582	0	0	0	0	0	378	204	582
Sep							0	0	0	0	0			
Total				7,434	2,411	9,845	6		879	628	251	6,862	2,460	9,322

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

Month	SCHEDULES AND REVISIONS		AG	
	M & I	Agr	M & I	Agr
Begin Bal	879	251	6,862	18
ID#1 Ex+62			44	
ID#1 Ex+32			26	6
ID#1 Ex+53			42	11
ID#1 Ex+48			32	16
ID#1 Ex+78			60	18
ID#1 Ex+148			95	53
ID#1 Ex+169			110	59
Total	879	251	6,862	18

Month	REMAINING BALANCES		AG	
	M & I	Agr	M & I	Agr
Oct	0	0	6631	2371
Nov	0	0	5916	2115
Dec	0	0	5413	2060
Jan	0	0	4792	2025
Feb	0	0	4216	1961
Mar	0	0	3620	1815
Apr	0	0	2937	1630
May	0	0	2234	1282
Jun	0	0	1480	1040
Jul	0	0	732	621
Aug	0	0	464	476
Sep	0	0		
Total	0	0	6631	2371

TOTAL 940

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #179R-1802

Contract Year: 10/1/12 to: 9/30/13

Contract Entity: City of Santa Barbara
 Last updated by C.O.M.B. 8/31/13

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	M & I	Agr	M & I	Agr
Oct	991	0	41	991	1,033	0	0	0
Nov	479	0	17	479	496	0	0	0
Dec	392	0	8	392	400	0	0	0
Jan	725	0	9	725	734	0	0	0
Feb	876	0	12	876	888	0	0	0
Mar	753	0	14	753	767	0	0	0
Apr	777	0	14	777	791	0	0	0
May	905	0	8	905	606	0	307	0
Jun	1,236	0	0	0	0	0	1,236	0
Jul	1,432	0	0	0	0	0	1,432	0
Aug	1,313	0	0	0	0	0	1,313	0
Sep	0	0	0	0	0	0	0	0
Total	9,879	0	124	9,879	5,715	0	8,277	0

Month	STORAGE WATER		CONVERSIONS		Month
	M & I	Agr	M & I	Agr	
Oct	0	0	0	0	Oct
Nov	0	0	0	0	Nov
Dec	0	0	0	0	Dec
Jan	0	0	0	0	Jan
Feb	0	0	0	0	Feb
Mar	0	0	0	0	Mar
Apr	0	0	0	0	Apr
May	0	0	0	0	May
Jun	0	0	0	0	Jun
Jul	0	0	0	0	Jul
Aug	0	0	0	0	Aug
Sep	0	0	0	0	Sep

Month	SCHEDULE AND REVISIONS		Month
	M & I	Agr	
Begin Bal	5,715	0	Begin Bal
ID#1 Ex+41	0	41	ID#1 Ex+41
ID#1 Ex+0 = see CCWA report	0	0	ID#1 Ex+0 = see CCWA report
ID#1 Ex+0 = see CCWA report	0	0	ID#1 Ex+0 = see CCWA report
ID#1 Ex+0 = see CCWA report	0	0	ID#1 Ex+0 = see CCWA report
ID#1 Ex+0 = see CCWA report	0	0	ID#1 Ex+0 = see CCWA report
ID#1 Ex+0 = see CCWA report	0	0	ID#1 Ex+0 = see CCWA report
ID#1 Ex+0 = see CCWA report	0	0	ID#1 Ex+0 = see CCWA report
Total	5,715	41	Total

Month	REMAINING BALANCES		Month
	M & I	Agr	
Oct	4682	0	Oct
Nov	4186	0	Nov
Dec	3786	0	Dec
Jan	3052	0	Jan
Feb	2164	0	Feb
Mar	1398	0	Mar
Apr	606	0	Apr
May	0	0	May
Jun	0	0	Jun
Jul	0	0	Jul
Aug	0	0	Aug
Sep	0	0	Sep
Total	4682	0	Total

TOTAL 4,030

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

Contract Year: 10/1/12 to: 9/30/13

Contract Entity: Santa Ynez River Water Conservation District, ID#1
 Last updated by C.O.M.B. 8/31/13

Month	Approved Schedule	Current Year	Previous Year	TOTAL WATER USED			WATER USE CHARGED TO CARRYOVER BALANCES			WATER USE CHARGED TO CURRENT ENTITLEMENT				
				M & I	Agri	Total	Evap	Div	Acce-feet	Total	M & I	Agri	Total	
Oct	2651	3		4	0	4	0	0	3	0	0	1	0	1
Nov				4	0	4	0	0	0	0	0	4	0	4
Dec				6	0	6	0	0	0	0	0	6	0	6
Jan				3	0	3	0	0	0	0	0	3	0	3
Feb				3	0	3	0	0	0	0	0	3	0	3
Mar				3	0	3	0	0	0	0	0	3	0	3
Apr				4	0	4	0	0	0	0	0	4	0	4
May				9	0	9	0	0	0	0	0	9	0	9
Jun				10	0	10	0	0	0	0	0	10	0	10
Jul				10	0	10	0	0	0	0	0	10	0	10
Aug				10	0	10	0	0	0	0	0	10	0	10
Sep				0	0	0	0	0	0	0	0	0	0	0
Total	2651	3		67	0	67	0	0	0	0	0	67	0	67

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agri	M & I	Agri	M & I	Agri	M & I	Agri
Oct	3	-3	0	0	0	0	863	1,786
Nov	0	0	0	0	0	0	(140)	(31)
Dec	0	0	0	0	0	0		
Jan	0	0	0	0	0	0		
Feb	0	0	0	0	0	0		
Mar	0	0	0	0	0	0		
Apr	0	0	0	0	0	0	(42)	(47)
May	0	0	0	0	0	0	(94)	(52)
Jun	0	0	0	0	0	0	(85)	(69)
Jul	0	0	0	0	0	0	(94)	(151)
Aug	0	0	0	0	0	0	(108)	(302)
Sep	0	0	0	0	0	0	(113)	(357)
Total	3	0	3	0	3	0	863	1,786

Month	COUNTY PARKS		REMAINING BALANCES	
	A.F. Used	Total	M & I	Agri
Oct	4.37	0	0	0
Nov	3.90	0	0	0
Dec	5.63	0	0	0
Jan	2.98	0	0	0
Feb	2.75	0	0	0
Mar	2.88	0	0	0
Apr	4.43	0	0	0
May	9.16	0	0	0
Jun	10.3	0	0	0
Jul	10.25	0	0	0
Aug	10.39	0	0	0
Sep				
Total				

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agri	M & I	Agri	M & I	Agri	M & I	Agri
Oct	3	-3	0	0	0	0	863	1,786
Nov	0	0	0	0	0	0	(140)	(31)
Dec	0	0	0	0	0	0		
Jan	0	0	0	0	0	0		
Feb	0	0	0	0	0	0		
Mar	0	0	0	0	0	0		
Apr	0	0	0	0	0	0	(42)	(47)
May	0	0	0	0	0	0	(94)	(52)
Jun	0	0	0	0	0	0	(85)	(69)
Jul	0	0	0	0	0	0	(94)	(151)
Aug	0	0	0	0	0	0	(108)	(302)
Sep	0	0	0	0	0	0	(113)	(357)
Total	3	0	3	0	3	0	863	1,786

*NOTE: TOTAL 953

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

Contract Year: 10/1/12 to: 9/30/13

Contract Entity: Santa Barbara Co. Water Agency
 Last updated by C.O.M.B. 8/31/13

Month	Approved Schedule		Carryover Previous Year	TOTAL WATER USED				WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT			
	Current Year	25714		Use %	Acre-feet		Total	Evap	Allocation		Agr	Acre-feet		Total	
					M & I	Agr			M & I	Agr		M & I	Agr		
Oct			9.01%	2,435	596	3,032	63	2,648	2,711	2,215	496	276	107	383	
Nov			5.81%	1,565	408	1,973	22	998	1,020	866	153	719	256	975	
Dec			3.18%	1,007	75	1,082	9	518	527	507	20	509	55	564	
Jan			4.94%	1,584	102	1,686	10	1,027	1,037	969	67	624	35	659	
Feb			5.82%	1,814	171	1,985	13	1,155	1,168	1,078	89	748	82	830	
Mar			6.24%	1,819	309	2,128	14	753	767	757	0	1,066	309	1,375	
Apr			7.67%	2,133	484	2,617	14	777	791	791	0	1,356	484	1,840	
May			8.45%	2,222	670	2,892	8	596	606	606	0	1,624	670	2,294	
Jun			8.84%	2,535	481	3,036	0	0	0	0	0	2,555	481	3,037	
Jul			11.20%	3,029	819	3,848	0	0	0	0	0	3,029	819	3,848	
Aug			8.18%	2,321	489	2,810	0	0	0	0	0	2,321	489	2,810	
Sep				0	0	0	0	0	0	0	0	0	0	0	
Total				22,486	4,604	27,089	153					19,401	6,313	25,714	

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE				SCHEDULE AND REVISIONS				
	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr	Total
Oct	81	-81	0	0	0	0	0	0	0	0	0	0	0
Nov	80	-80	0	0	0	0	0	0	0	0	0	0	0
Dec	22	-22	0	0	0	0	0	0	0	0	0	0	0
Jan	62	-62	0	0	0	0	0	0	0	0	0	0	0
Feb	113	-113	0	0	0	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug	0	0	127.81	-127.81	0	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0	0	0	0	0	0
Total					8,627	7,442	1,185	19,401	6,313	25,714			

Month	COUNTY PARKS		REMAINING BALANCES				
	A.F. Used	Total	M & I		Agr		
			M & I	Agr	M & I	Agr	
Oct	4.37	5916	5308	608	19126	6205	25331
Nov	3.90	4896	4522	375	18407	5949	24366
Dec	5.93	4369	4037	333	17898	5894	23792
Jan	2.88	3332	3130	204	17274	5859	23133
Feb	2.75	2165	2165	2	16526	5777	22303
Mar	2.88	1398	1398	2	15490	5438	20928
Apr	4.43	606	607	2	14154	4914	19071
May	9.16	0	1	2	12563	4280	16777
Jun	10.30	0	1	2	10109	3698	13740
Jul	10.25	0	1	2	7125	2834	9892
Aug	10.39	0	1	2	5010	2139	7082
Sep							
Total							

TOTAL 7,082

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

MONTH	DELVRD TO LAKE	CVWD		Transf to SC	MWD		Evap/Spill	Delvd to SC		S.B. to Lake/Stored	GWD		LCMWC		Delvd to SC	RSYS		Delvd to Lake	MLC Stored	Delvd to SC		
		Delvd to Lake	Stored		Delvd to Lake	Stored		Delvd to Lake	Stored		Evap/Spill	Delvd to Lake	Stored	Delvd to Lake		Stored	Delvd to Lake				Stored	Delvd to Lake
2012																						
Bal. Frwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	36	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	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	100	0	0	0	0	0	0	0	0	0	0	0	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	50	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	383	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	CVWD		Transf to SC	MWD		Evap/Spill	Delvd to SC		S.B. to Lake/Stored	GWD		LCMWC		Delvd to SC	RSYS		Delvd to Lake	MLC Stored	Delvd to SC		
		Delvd to Lake	Stored		Delvd to Lake	Stored		Delvd to Lake	Stored		Evap/Spill	Delvd to Lake	Stored	Delvd to Lake		Stored	Delvd to Lake				Stored	
2013																						
Bal. Frwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	217	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	60	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	548	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

SEPTEMBER 2013

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: September 18, 2013

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	CCWA INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.				EVAP		PRECIP INCHES	
		IN LAKE	CHANGE				TUNNEL	HILTON CREEK	OUTLET	SPILLWAY	AF.	INCH		
1	713.73	98,711												
1	713.61	98,480	-231	32.3	29.6	.0	112.4	14.9	134.6	.0	31.0	.254	.00	
2	713.47	98,211	-269	-8.4	29.6	.0	111.8	15.0	134.6	.0	28.8	.236	.00	
3	713.35	97,980	-231	43.4	29.2	.0	122.2	15.0	135.2	.0	31.2	.256	.00	
4	713.20	97,691	-289	-5.7	29.5	.0	126.5	15.0	134.5	.0	36.8	.303	.00	
5	713.06	97,422	-269	-20.7	29.5	.0	93.3	15.0	135.5	.0	34.0	.280	.00	
6	712.93	97,173	-249	15.5	29.4	.0	110.2	15.0	134.5	.0	34.2	.282	.00	
7	712.80	96,926	-247	18.3	34.9	.0	127.1	14.9	121.9	.0	36.3	.300	.00	
8	712.67	96,679	-247	0.1	36.1	.0	125.9	15.0	110.0	.0	32.3	.268	.00	
9	712.57	96,489	-190	14.1	36.0	.0	82.8	15.0	110.0	.0	32.3	.268	.00	
10	712.46	96,280	-209	28.8	36.1	.0	120.0	14.9	110.1	.0	28.9	.240	.00	
11	712.34	96,052	-228	-8.8	36.0	.0	101.3	15.0	110.0	.0	28.9	.241	.00	
12	712.22	95,824	-228	0.9	29.0	.0	121.9	14.9	103.1	.0	18.0	.150	.00	
13	712.10	95,596	-228	8.0	28.5	.0	127.7	14.9	91.7	.0	30.2	.252	.00	
14	711.99	95,387	-209	25.1	29.9	.0	133.6	14.9	92.9	.0	22.6	.189	.00	
15	711.87	95,162	-225	-3.3	29.9	.0	121.0	14.9	92.9	.0	22.8	.191	.00	
16	711.76	94,956	-206	14.7	30.0	.0	116.6	14.9	93.0	.0	26.2	.220	.00	
17	711.64	94,731	-225	12.6	29.9	.0	128.0	14.9	94.0	.0	30.6	.257	.00	
18	711.51	94,487	-244	-14.9	29.9	.0	118.8	14.9	93.0	.0	32.3	.272	.00	
TOTAL (AF)			-4,224	152.0	563.0	.0	2,101.1	269.0	2,031.5	.0	537.4	4.459	.00	
(AVG)		96,418												

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.



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

**Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: August 2013**

CACHUMA LAKE BOAT LAUNCH DATA:

Cachuma Lake Recreation Area Boat Launch Data -- August 2013		
Inspection Data		
Total Vessels entering Park	490	
Total Vessels launched	488	
Total Vessels Quarantined	2	0%
Returning with Boat Launch Tag	297	61%
Arriving new: Inspected, washed	102	21%
Kayak/Canoe: Inspected	89	18%
4-stroke engines	110	23%
2-strokes, w/CARB star ratings	188	39%
2-strokes, NO emissions ratings	101	21%

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, 2013.

Quarantine Data		
Total Vessels Quarantined	2	
Quarantined 7 days	1	
Quarantined 14 days	1	

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

Demographic Data		
Quarantined from infected county	0	
Quarantined from SB County	2	

CACHUMA LAKE QUAGGA SURVEY:

Summary: No Dreissenid mussels were detected
 Inspection site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time : 2013.08.23; 0945 - 1245 PDT
 Method: 13 PVC/Cement Sampling Stations; 265 linear feet of line
 Surveyors: Liz Gaspar (CSD), Carrie Culver, Marissa Bills, Keith Yaeger (Sea Grant).
 Lake Elevation: 714.92 from maximum of 753 feet