

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

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

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**Monday, September 22, 2014**

**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 by motion and roll call vote of the Board:
  - a. Minutes August 25, 2014 Regular Board Meeting
  - b. Investment of Funds
    - Financial Reports
    - Investment Reports
  - c. Payment of Claims
- 4. GENERAL MANAGER'S REPORT**  
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
  - USBR Site Inspection (Category 1 – Cross Connection Status)
  - NP Elevator Rehabilitation
  - Santa Barbara County Drought Task Force (DTF)
  - Drought Emergency Pumping Facility Project
    1. Construction Status
    2. Grant Funding
    3. Loan Status
- 5. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM**  
Receive information regarding the Lake Cachuma Oak Tree Program including but not limited to the following:
  - Maintenance and Monitoring

6. **OPERATIONS DIVISION REPORT**  
Receive information regarding Operations Division, including but not limited to the following:
  - Lake Cachuma Operations
  - Operation and Maintenance Activities
  
7. **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
  - Status of USBR Repairs and Upgrades for Hilton Creek Watering System
  - Presentation on 30,000 Acre-Feet Threshold and Reduction in Fish Releases
  
8. **2000 BIOLOGICAL OPINION: LAKE ELEVATION – LOW FLOW FISH RELEASE REGIME**  
Action: As determined necessary based on discussion of Item 7, recommend approval by motion and roll call vote of the Board to direct the General Manager to write a letter to USBR expressing COMB comments.
  
9. **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
  
10. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR NEXT MEETING**
  
11. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING LITIGATION**  
[Government Code Section 54956.9(d)(1)]  
Name of case: Andrew Brown and Jessica Brown vs. Cachuma Operation & Maintenance Board, Santa Barbara Superior Court Case No. 1438821
  
12. **RECONVENE INTO OPEN SESSION**  
[Government Code Section 54957.7]  
Disclosure of actions taken in closed session, as applicable  
[Government Code Section 54957.1]
  
13. **MEETING SCHEDULE**
  - **October 27, 2014 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

**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 25, 2014**

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

The meeting was called to order at 2:03 p.m. by President Lauren Hanson who chaired the meeting. Those in attendance were:

**Directors present:**

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

**Directors absent:**

Alonzo Orozco	Carpinteria Valley Water District
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**Others present:**

Randall Ward	Tony Trembley
Lee Cushman	Tim Robinson
Dave Stewart	Polly Holcombe
Ruth Snodgrass	Charles Hamilton
Joshua Haggmark	Tom Fayram
Phil Walker	Adelle Capponi
Gina Magnoli	Kevin Walsh

**2. Public Comment**

Phil Walker commented about the sedimentation in Lake Cachuma. Tom Fayram commented on the Bathymetric Survey completed at Lake Cachuma.

**3. Consent Agenda**

- a. **Minutes:**  
July 28, 2014 Regular Board Meeting
- b. **Investment Funds**  
Financial Report  
Investment Report
- c. **Payment of Claims**

Director Francisco moved to approve the consent agenda, seconded by Director Beebe. Director Morgan requested that Item #3a be voted on separately.

Item #3b and #3c passed 6/0/1  
**Ayes:** Beebe, Morgan, Hanson, Francisco  
**Nays:** None  
**Abstain:** None  
**Absent:** Orozco

Item #3a passed 5/0/2  
**Ayes:** Beebe, Francisco, Hanson  
**Nays:** None  
**Abstain:** Morgan  
**Absent:** Orozco

*The Board considered Items #5 and #6 before Item #4.*

**4. Verbal Report From Cushman Contracting on the Emergency Pumping Facility Project**

Lee Cushman presented a report on the Emergency Pumping Facility Project at Lake Cachuma with some slides of the project.

Phil walker commented.

**5. Verbal Reports From Board Committees**

**a. Fisheries Division Committee Meeting – July 28, 2014**

Director Beebe reported on the July 28, 2014 committee meeting.

**b. Administrative Committee Meeting – August 18, 2014**

Director Hanson reported on the August 18, 2014 committee meeting.

**6. Approve Resolution No. 588 Adopting a Revision to the Second Tier Health Benefits Policy**

Randall Ward, General Manager, reported that a second tier medical benefits policy was approved by the Board in January 2014. The financial impact of this policy to entry level, newly hired employees was severely underestimated and will have an impact on the ability to hire and retain qualified staff. The recommendation approved by the Administrative Committee revises the medical benefits policy for all personnel hired after February 1, 2014.

Director Francisco moved to approve Resolution No. 588 to revise the second tier medical benefits policy, seconded by Director Beebe, passed 5/1/1:

**Ayes:** Beebe, Francisco, Hanson  
**Nays:** Morgan  
**Abstain:** None  
**Absent:** Orozco

**7. Accept Proposed COMB Construction Match and Approve Staff Submittal of CDFW-FRGP Grant Application for Quiota Creek Crossing Four Project**

Tim Robinson, Fisheries Division Manager, reported the low flow crossing at Quiota Creek Crossing 4 is proposed for replacement in the fall of 2015 (FY 2015-2016). COMB staff submitted a grant to CDFW-FRGP for this project. COMB would be obligated to a \$50,000 construction match for the Crossing 4 project. The crossing 4 project was reviewed and recommended by the Fisheries Division Committee.

Director Hanson moved to accept the proposed COMB construction match of \$50,000 and approve staff submittal of the CDFW-FRGP grant application for the Quiota Creek Crossing 4 Project, seconded by Director Francisco, passed 5/1/1:

**Ayes:** Francisco, Morgan, Hanson

**Nays:** Beebe

**Abstain:** None

**Absent:** Orozco

## **8. General Manager's Report**

Randall Ward, General Manager, highlighted his report which was included in the board packet.

## **9. Progress Report on Lake Cachuma Oak Tree Program**

Tim Robinson, Fisheries Division Manager, highlighted his report which was included in the board packet.

Phil Walker commented.

## **10. Operations Division Report**

Dave Stewart, Operations Division Manager, reported on the board report which described the activities of the Operations staff for the previous month.

## **11. Fisheries Division Report**

Tim Robinson, Fisheries Division Manager, highlighted his report which was included in the board packet. Mr. Robinson handed out a memo on the Hilton Creek Watering System Repairs, Modifications and Updates.

Phil Walker commented.

## **12. Monthly Cachuma Project Reports**

### **a. Cachuma Water Reports**

The monthly water reports for July 2014 were included in the board packet.

### **b. Cachuma Reservoir Current Conditions**

The Lake Cachuma Daily Operations report through August 19, 2014 was included in the board packet.

### **c. Lake Cachuma Quagga Survey**

The County's summary of Aquatic Invasive Species Inspection Program for July 2014 was included in the board packet.

**13. Directors' Requests for Agenda Items for Next Meeting**

The requested item was a discussion on longevity rules and other benefit items.

*Counsel Tony Trembley announced that the Board would go into closed session for Item #14 as indicated in the agenda.*

The Board went into closed session at 3:55 p.m.

**14. [Closed Session]: Conference with Legal Counsel: Anticipated Litigation**

[Government Code Section 54956.9(d)(2)]: One Matter [Matters involving COMB's Emergency Pumping Facility Project and USBR's Hilton Creek Watering System]

**15. Reconvene into Open Session**

[Government Code Section 54957.7]

Disclosure of actions taken in closed session, as applicable

[Government Code Section 54957.1]

The Board came out of closed session at 4:25 p.m. There was no action to report out of closed session.

**16. Meeting Schedule**

- The next regular Board meeting will be held September 22, 2014 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)

**17. COMB Adjournment**

There being no further business, the meeting was adjourned at 4:26 p.m.

Respectfully submitted,

\_\_\_\_\_  
Randall Ward, Secretary of the Board

**APPROVED:**

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

<i>Approved -</i>
<i>Unapproved -</i> ✓

**COMB**  
**Statement of Net Assets**  
As of August 31, 2014

**LIABILITIES & NET ASSETS****Liabilities****Current Liabilities****Accounts Payable**

2200 · ACCOUNTS PAYABLE

1,207,407.42

**Total Accounts Payable**1,207,407.42**Other Current Liabilities**

Payroll-DepPrm Admin

184.62

Payroll-DepPrm FD

4.62

Payroll-DepPrm Ops

565.27

2505 · ACCRUED WAGES

28,700.35

2550 · VACATION/SICK

124,333.16

2560 · CACHUMA ENTITLEMENT

-987,035.28

2561 · BRADBURY DAM SOD ACT

78,676.64

2563 · LAURO DAM SOD ACT

13,818.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

445,636.92

**Total Other Current Liabilities**-208,107.70**Total Current Liabilities**

999,299.72

**Long Term Liabilities**

2602 · LT SOD Act Liability-Bradbury

5,334,042.07

2603 · LT SOD Act Liability - Lauro

954,789.00

2604 · OPEB LT Liability

565,795.00

**Total Long Term Liabilities**6,854,626.07**Total Liabilities**

7,853,925.79

**NET POSITION**

3901 · Retained Net Assets

931,572.14

Net Income

4,004.54

**Total Net Assets**935,576.68**TOTAL LIABILITIES & NET POSITION**8,789,502.47



**COMB**  
**Statement of Net Assets**  
As of August 31, 2014

**ASSETS****Current Assets****Checking/Savings****TRUST FUNDS**

1210 · WARREN ACT TRUST FUND	435,421.36	
1220 · RENEWAL FUND	10,215.56	
<b>Total TRUST FUNDS</b>	445,636.92	

1050 · GENERAL FUND		1,783,600.77
1100 · REVOLVING FUND		14,413.53
<b>Total Checking/Savings</b>		2,243,651.22

**Other Current Assets**

1010 · PETTY CASH		500.00
1200 · LAIF		3,893.09
1303 · Bradbury SOD Act Assmnts Rec		78,676.00
1304 · Lauro Dam SOD Assesmnt Rec		13,818.00
1400 · PREPAID INSURANCE		18,125.72
<b>Total Other Current Assets</b>		115,012.81

**Total Current Assets****2,358,664.03****Fixed Assets**

1500 · VEHICLES		431,604.76
1505 · OFFICE FURN & EQUIPMENT		405,274.68
1510 · MOBILE OFFICES		97,803.34
1515 · FIELD EQUIPMENT		517,530.41
1525 · PAVING		38,351.00
1550 · ACCUMULATED DEPRECIATION		-1,348,556.82
<b>Total Fixed Assets</b>		142,007.37

**Other Assets**

1910 · LT Bradbury SOD Act Assess Rec		5,334,042.07
1920 · LT Lauro SOD Act Assess Rec		954,789.00
<b>Total Other Assets</b>		6,288,831.07

**TOTAL ASSETS****8,789,502.47**

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**Statement of Revenues and Expenditures**  
Budget vs. Actuals July 2014 - Jun 2015

	Fisheries			Operations			TOTAL		
	Jul - Aug 14	Budget	% of Budget	Jul - Aug 14	Budget	% of Budget	Jul - Aug 14	Budget	% of Budget
	\$	\$		\$	\$		\$	\$	
Income									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	281,078.87	1,124,827.00	25.0%	612,187.00	2,448,749.00	-1,836,562.00	25.0%	3,573,576.00	-2,680,310.13
3002 - Drought Contingency Rsv Fund	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00
3006 - Warren Act	0.00	113,434.00	0.0%	0.00	0.00	0.00	0.0%	113,434.00	-113,434.00
3007 - Renewal Fund	0.00	159,887.00	0.0%	0.00	0.00	0.00	0.0%	159,887.00	-159,887.00
3010 - Interest Income	0.00	19.42	0.0%	19.42	19.42	0.00	0.0%	0.00	19.42
3011 - Emergency Pumping FP-Loan	0.00	1,001,317.00	31.3%	1,001,317.00	3,200,000.00	-2,198,683.00	31.3%	3,200,000.00	-2,198,683.00
3012 - Emergency Pumping FP-City of SB	0.00	444,733.00	25.0%	444,733.00	1,778,930.00	-1,334,197.00	25.0%	1,778,930.00	-1,334,197.00
3020 - Misc Income	0.00	203.71	0.0%	203.71	203.71	0.00	0.0%	0.00	203.71
3035 - Cachuma Project Betterment Fund	0.00	90,000.00	0.0%	0.00	0.00	0.00	0.0%	90,000.00	-90,000.00
Total 3000 REVENUE	281,078.87	1,488,148.00	18.9%	2,058,460.13	7,427,679.00	-5,369,218.87	27.7%	8,915,827.00	-6,576,288.00
Total Income	281,078.87	1,488,148.00	18.9%	2,058,460.13	7,427,679.00	-5,369,218.87	27.7%	8,915,827.00	-6,576,288.00
Gross Profit	281,078.87	1,488,148.00	18.9%	2,058,460.13	7,427,679.00	-5,369,218.87	27.7%	8,915,827.00	-6,576,288.00
Expense									
PAYROLL									
Gross	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00
Gross-FD	-0.03	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	-0.03
Total PAYROLL	-0.03	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00
3100 - LABOR - OPERATIONS	0.00	138,738.64	16.9%	138,738.64	818,736.00	-679,997.36	16.9%	818,736.00	-679,997.36
3200 VEH & EQUIPMENT	0.00	4,103.02	13.7%	4,103.02	30,000.00	-25,896.98	13.7%	30,000.00	-25,896.98
3201 - Vehicle/Equip Mfce	0.00	0.00	0.0%	0.00	35,000.00	-35,000.00	0.0%	35,000.00	-35,000.00
3202 - Fixed Capital	0.00	132.68	2.7%	132.68	5,000.00	-4,867.32	2.7%	5,000.00	-4,867.32
3203 - Equipment Rental	0.00	205.67	4.1%	205.67	5,000.00	-4,794.33	4.1%	5,000.00	-4,794.33
3204 - Miscellaneous	0.00	4,441.37	5.9%	4,441.37	75,000.00	-70,558.63	5.9%	75,000.00	-70,558.63
Total 3200 VEH & EQUIPMENT	0.00	4,441.37	5.9%	4,441.37	75,000.00	-70,558.63	5.9%	75,000.00	-70,558.63
3300 - CONTRACT LABOR	0.00	1,975.00	9.9%	1,975.00	20,000.00	-18,025.00	9.9%	20,000.00	-18,025.00
3301 - Conduit, Meter, Valve & Misc	0.00	937.54	4.7%	937.54	20,000.00	-19,062.46	4.7%	20,000.00	-19,062.46
3302 - Buildings & Roads	0.00	0.00	0.0%	0.00	20,000.00	-20,000.00	0.0%	20,000.00	-20,000.00
3303 - Reservoirs	0.00	0.00	0.0%	0.00	10,000.00	-10,000.00	0.0%	10,000.00	-10,000.00
3304 - Engineering, Misc Services	0.00	2,912.54	4.2%	2,912.54	70,000.00	-67,087.46	4.2%	70,000.00	-67,087.46
Total 3300 - CONTRACT LABOR	0.00	1,975.00	9.9%	1,975.00	20,000.00	-18,025.00	9.9%	20,000.00	-18,025.00
3400 - MATERIALS & SUPPLIES	0.00	819.17	3.3%	819.17	25,000.00	-24,180.83	3.3%	25,000.00	-24,180.83
3401 - Conduit, Meter, Valve & Misc	0.00	279.30	1.9%	279.30	15,000.00	-14,720.70	1.9%	15,000.00	-14,720.70
3402 - Buildings & Roads	0.00	0.00	0.0%	0.00	10,000.00	-10,000.00	0.0%	10,000.00	-10,000.00
3403 - Reservoirs	0.00	1,098.47	2.2%	1,098.47	50,000.00	-48,901.53	2.2%	50,000.00	-48,901.53
Total 3400 - MATERIALS & SUPPLIES	0.00	1,098.47	2.2%	1,098.47	50,000.00	-48,901.53	2.2%	50,000.00	-48,901.53
3500 - OTHER EXPENSES	0.00	1,489.04	21.3%	1,489.04	7,000.00	-5,510.96	21.3%	7,000.00	-5,510.96
3501 - Utilities	0.00	175.00	2.9%	175.00	6,000.00	-5,825.00	2.9%	6,000.00	-5,825.00
3502 - Uniforms	0.00	2,739.11	15.2%	2,739.11	18,000.00	-15,260.89	15.2%	18,000.00	-15,260.89
3503 - Communications	0.00	441.08	11.0%	441.08	4,000.00	-3,558.92	11.0%	4,000.00	-3,558.92
3504 - USA & Other Services	0.00	780.71	9.8%	780.71	8,000.00	-7,219.29	9.8%	8,000.00	-7,219.29
3505 - Miscellaneous	0.00	0.00	0.0%	0.00	3,000.00	-3,000.00	0.0%	3,000.00	-3,000.00
3506 - Training	0.00	5,624.94	12.2%	5,624.94	46,000.00	-40,375.06	12.2%	46,000.00	-40,375.06
Total 3500 - OTHER EXPENSES	0.00	5,624.94	12.2%	5,624.94	46,000.00	-40,375.06	12.2%	46,000.00	-40,375.06
4000 - Reconciliation Discrepancies	0.00	0.04	0.0%	0.04	0.00	0.00	0.0%	0.00	0.04
4100 - LABOR - FISHERIES	18,043.80	74,663.00	24.2%	18,043.80	74,663.00	-56,619.20	24.2%	74,663.00	-56,619.20
4101 - Senior Resource Scientist	18,476.00	72,056.00	25.6%	18,476.00	72,056.00	-53,580.00	25.6%	72,056.00	-53,580.00
4102 - Project Biologist	15,408.07	61,965.00	24.9%	15,408.07	61,965.00	-46,556.93	24.9%	61,965.00	-46,556.93
4103 - Biologist	2,591.23	90,186.00	2.9%	2,591.23	90,186.00	-87,594.77	2.9%	90,186.00	-87,594.77
4104 - Oak Tree Program	0.00	12,375.00	0.0%	0.00	12,375.00	-12,375.00	0.0%	12,375.00	-12,375.00
4114 - Seasonal Aide - JG	1,069.51	12,375.00	8.6%	1,069.51	12,375.00	-11,305.49	8.6%	12,375.00	-11,305.49
4116 - Seasonal Aide - DR	93.00	12,375.00	0.8%	93.00	12,375.00	-12,282.00	0.8%	12,375.00	-12,282.00
4117 - Seasonal Aide - BJ	0.00	12,375.00	0.0%	0.00	12,375.00	-12,375.00	0.0%	12,375.00	-12,375.00
4119 - Seasonal Aide	0.00	12,375.00	0.0%	0.00	12,375.00	-12,375.00	0.0%	12,375.00	-12,375.00
4150 - FD Health & WC	16,349.67	98,937.00	16.5%	16,349.67	98,937.00	-82,587.33	16.5%	98,937.00	-82,587.33
4151 - FD PERS	10,748.49	56,361.00	19.1%	10,748.49	56,361.00	-45,612.51	19.1%	56,361.00	-45,612.51
4152 - FD Co FICA	3,838.03	22,366.00	17.2%	3,838.03	22,366.00	-18,527.97	17.2%	22,366.00	-18,527.97

comb2  
**Statement of Revenues and Expenditures**  
Budget vs. Actuals July 2014 - Jun 2015

	Fisheries			Operations			TOTAL		
	Jul - Aug 14	Budget	% of Budget	Jul - Aug 14	Budget	% of Budget	Jul - Aug 14	Budget	% of Budget
4153 - FD Co Medicare	897.60	5,231.00	17.2%	0.00	0.00		897.60	5,231.00	17.2%
<b>Total 4100 - LABOR - FISHERIES</b>	<b>87,515.40</b>	<b>543,640.00</b>	<b>16.1%</b>	<b>0.00</b>	<b>0.00</b>		<b>87,515.40</b>	<b>543,640.00</b>	<b>16.1%</b>
4200 - VEHICLES & EQUIP - FISHERIES	1,792.39	13,000.00	13.8%	0.00	0.00		1,792.39	13,000.00	13.8%
4270 - Vehicle/Equip Mtce	0.00	75,000.00	0.0%	0.00	0.00		0.00	75,000.00	0.0%
4280 - Fixed Capital	0.00	-40,000.00	0.0%	0.00	0.00		0.00	-40,000.00	0.0%
4280-1 - Fixed Assets C/O Funds FY 2014	76.65	2,500.00	3.1%	0.00	0.00		76.65	2,500.00	3.1%
4290 - Miscellaneous	1,869.04	50,500.00	3.7%	0.00	0.00		1,869.04	50,500.00	3.7%
<b>Total 4200 - VEHICLES &amp; EQUIP - FISHERIES</b>	<b>1,869.04</b>	<b>50,500.00</b>	<b>3.7%</b>	<b>0.00</b>	<b>0.00</b>		<b>1,869.04</b>	<b>50,500.00</b>	<b>3.7%</b>
4220 - CONTRACT LABOR - FISHERIES	0.00	3,000.00	0.0%	0.00	0.00		0.00	3,000.00	0.0%
4221 - Meters & Valves	0.00	28,000.00	0.0%	0.00	0.00		0.00	28,000.00	0.0%
4222 - Fish Projects Maintenance	0.00	31,000.00	0.0%	0.00	0.00		0.00	31,000.00	0.0%
<b>Total 4220 - CONTRACT LABOR - FISHERIES</b>	<b>0.00</b>	<b>31,000.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>		<b>0.00</b>	<b>31,000.00</b>	<b>0.0%</b>
4300 - MATERIALS/SUPPLIES - FISHERIES	67.91	7,000.00	1.0%	0.00	0.00		67.91	7,000.00	1.0%
4390 - Miscellaneous	67.91	7,000.00	1.0%	0.00	0.00		67.91	7,000.00	1.0%
<b>Total 4300 - MATERIALS/SUPPLIES - FISHERIES</b>	<b>67.91</b>	<b>7,000.00</b>	<b>1.0%</b>	<b>0.00</b>	<b>0.00</b>		<b>67.91</b>	<b>7,000.00</b>	<b>1.0%</b>
4500 - OTHER EXPENSES - FISHERIES	0.00	2,500.00	0.0%	0.00	0.00		0.00	2,500.00	0.0%
4502 - Uniforms	0.00	2,500.00	0.0%	0.00	0.00		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>0.00</b>	<b>2,500.00</b>	<b>0.0%</b>
<b>4999 - GENERAL &amp; ADMINISTRATIVE</b>									
5000 - Director Fees	0.00	2,000.00	5.7%	114.55	2,000.00	5.7%	114.55	2,000.00	5.7%
5001 - Director Mileage	0.00	11,000.00	11.3%	1,248.00	11,000.00	11.3%	1,248.00	11,000.00	11.3%
5000 - Director Fees - Other	0.00	13,000.00	10.5%	1,362.55	13,000.00	10.5%	1,362.55	13,000.00	10.5%
<b>Total 5000 - Director Fees</b>	<b>0.00</b>	<b>100,000.00</b>	<b>7.4%</b>	<b>7,394.60</b>	<b>100,000.00</b>	<b>7.4%</b>	<b>7,394.60</b>	<b>100,000.00</b>	<b>7.4%</b>
5100 - Legal	0.00	11,700.00	0.0%	0.00	11,700.00	0.0%	0.00	11,700.00	0.0%
5101-1 - Audit	0.00	15,000.00	2.3%	337.86	15,000.00	2.3%	337.86	15,000.00	2.3%
5150 - Unemployment Tax	0.00	42,705.00	94.6%	40,383.76	42,705.00	94.6%	40,383.76	42,705.00	94.6%
5200 - Liability Insurance	0.00	197,658.00	19.8%	39,058.43	197,658.00	19.8%	39,058.43	197,658.00	19.8%
5201 - Health & Workers Comp	0.00	70,574.00	16.9%	11,903.57	70,574.00	16.9%	11,903.57	70,574.00	16.9%
5250 - PERS	0.00	21,597.00	18.4%	3,977.32	21,597.00	18.4%	3,977.32	21,597.00	18.4%
5260 - Company FICA Admin	0.00	5,052.00	19.3%	976.93	5,052.00	19.3%	976.93	5,052.00	19.3%
5265 - Company MCARE Admin	0.00	117,000.00	18.5%	21,692.00	117,000.00	18.5%	21,692.00	117,000.00	18.5%
5300 - Manager Salary	0.00	74,750.00	18.2%	13,586.61	74,750.00	18.2%	13,586.61	74,750.00	18.2%
5301 - Administrative Manager	0.00	37,895.00	19.2%	7,287.80	37,895.00	19.2%	7,287.80	37,895.00	19.2%
5304 - Administrative Secretary	0.00	32,500.00	0.0%	0.00	32,500.00	0.0%	0.00	32,500.00	0.0%
5303 - Admin Assistant I	0.00	43,844.00	19.3%	8,479.23	43,844.00	19.3%	8,479.23	43,844.00	19.3%
5305 - Administrative Assistant	0.00	42,355.00	19.3%	8,172.87	42,355.00	19.3%	8,172.87	42,355.00	19.3%
5307 - Water Resources Technician	0.00	9,100.00	6.8%	620.97	9,100.00	6.8%	620.97	9,100.00	6.8%
5310 - Postage/Office Exp	0.00	10,772.24	11.1%	1,077.24	10,772.24	11.1%	1,077.24	10,772.24	11.1%
5311 - Office Equip/Leases	0.00	10,790.00	10.3%	1,112.03	10,790.00	10.3%	1,112.03	10,790.00	10.3%
5312 - Misc Admin Expenses	0.00	7,995.00	13.7%	1,097.32	7,995.00	13.7%	1,097.32	7,995.00	13.7%
5313 - Communications	0.00	9,737.00	32.4%	3,159.47	9,737.00	32.4%	3,159.47	9,737.00	32.4%
5314 - Utilities	0.00	7,000.00	0.0%	0.00	7,000.00	0.0%	0.00	7,000.00	0.0%
5315 - Membership Dues	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%
5316 - Admin Fixed Assets	0.00	20,000.00	12.6%	2,515.49	20,000.00	12.6%	2,515.49	20,000.00	12.6%
5318 - Computer Consultant	0.00	2,000.00	0.0%	0.00	2,000.00	0.0%	0.00	2,000.00	0.0%
5325 - Emp Training/Subscriptions	0.00	2,000.00	0.0%	0.00	2,000.00	0.0%	0.00	2,000.00	0.0%
5330 - Admin Travel/Conferences	0.00	1,608.26	19.6%	391.74	1,608.26	19.6%	391.74	1,608.26	19.6%
5331 - Public Information	0.00	1,000.00	22.9%	228.60	1,000.00	22.9%	228.60	1,000.00	22.9%
<b>Total 4999 - GENERAL &amp; ADMINISTRATIVE</b>	<b>0.00</b>	<b>908,943.00</b>	<b>19.2%</b>	<b>174,816.39</b>	<b>908,943.00</b>	<b>19.2%</b>	<b>174,816.39</b>	<b>908,943.00</b>	<b>19.2%</b>
<b>5400 - GENERAL &amp; ADMIN - FISHERIES</b>									
5401 - Health & Workers Comp.	9,279.14	52,316.00	17.7%	0.00	52,316.00	17.7%	9,279.14	52,316.00	17.7%
5402 - CaIPERS	6,409.62	38,002.00	16.9%	0.00	38,002.00	16.9%	6,409.62	38,002.00	16.9%
5403 - Company Fica	2,141.67	11,630.00	18.4%	0.00	11,630.00	18.4%	2,141.67	11,630.00	18.4%
5404 - Admin Secretary	3,924.20	20,405.00	19.2%	0.00	20,405.00	19.2%	3,924.20	20,405.00	19.2%
5405 - GN Salary	11,680.30	63,000.00	18.5%	0.00	63,000.00	18.5%	11,680.30	63,000.00	18.5%
5406 - Company MCare	525.99	2,719.00	19.3%	0.00	2,719.00	19.3%	525.99	2,719.00	19.3%
5407 - Legal - FD	2,001.00	25,000.00	8.0%	0.00	25,000.00	8.0%	2,001.00	25,000.00	8.0%
5408 - Administrative Manager	7,315.90	40,250.00	18.2%	0.00	40,250.00	18.2%	7,315.90	40,250.00	18.2%
5409 - Administrative Assistant	4,565.74	23,608.00	19.3%	0.00	23,608.00	19.3%	4,565.74	23,608.00	19.3%
5410 - Postage / Office Supplies	454.53	4,900.00	9.3%	0.00	4,900.00	9.3%	454.53	4,900.00	9.3%
<b>Total 5400 - GENERAL &amp; ADMIN - FISHERIES</b>	<b>52,316.00</b>	<b>38,002.00</b>	<b>16.9%</b>	<b>0.00</b>	<b>38,002.00</b>	<b>16.9%</b>	<b>52,316.00</b>	<b>38,002.00</b>	<b>16.9%</b>
<b>Total 5400 - GENERAL &amp; ADMIN - FISHERIES</b>	<b>52,316.00</b>	<b>38,002.00</b>	<b>16.9%</b>	<b>0.00</b>	<b>38,002.00</b>	<b>16.9%</b>	<b>52,316.00</b>	<b>38,002.00</b>	<b>16.9%</b>
<b>Total 5400 - GENERAL &amp; ADMIN - FISHERIES</b>	<b>52,316.00</b>	<b>38,002.00</b>	<b>16.9%</b>	<b>0.00</b>	<b>38,002.00</b>	<b>16.9%</b>	<b>52,316.00</b>	<b>38,002.00</b>	<b>16.9%</b>

comb2  
**Statement of Revenues and Expenditures**  
 Budget vs. Actuals July 2014 - Jun 2015

	Fisheseries			Operations			TOTAL		
	Jul - Aug 14	Budget	% of Budget	Jul - Aug 14	Budget	% of Budget	Jul - Aug 14	Budget	% of Budget
5411 · Office Equipment / Leases	580.02	5,218.00	11.1%	0.00	0.00	0.0%	580.02	5,218.00	11.1%
5412 · Misc. Admin Expense	656.83	5,810.00	11.3%	0.00	0.00	0.0%	656.83	5,810.00	11.3%
5413 · Communications	680.17	4,305.00	15.8%	0.00	0.00	0.0%	680.17	4,305.00	15.8%
5414 · Utilities	1,701.26	5,243.00	32.4%	0.00	0.00	0.0%	1,701.26	5,243.00	32.4%
5415 · Membership Dues	0.00	2,900.00	0.0%	0.00	0.00	0.0%	0.00	2,900.00	0.0%
5416 · Admin Fixed Assets	0.00	4,000.00	0.0%	0.00	0.00	0.0%	0.00	4,000.00	0.0%
5418 · Computer Consultant	1,354.49	10,500.00	12.9%	0.00	0.00	0.0%	1,354.49	10,500.00	12.9%
5425 · Employee Education/Subsctiption	0.00	2,500.00	0.0%	0.00	0.00	0.0%	0.00	2,500.00	0.0%
5426 · Director Fees	672.00	6,000.00	11.2%	0.00	0.00	0.0%	672.00	6,000.00	11.2%
5427 · Director Mileage	61.69	1,000.00	6.2%	0.00	0.00	0.0%	61.69	1,000.00	6.2%
5430 · Travel	704.38	2,500.00	28.2%	0.00	0.00	0.0%	704.38	2,500.00	28.2%
5431 · Public Information	123.09	1,500.00	8.2%	0.00	0.00	0.0%	123.09	1,500.00	8.2%
5441 · Audit	0.00	6,300.00	0.0%	0.00	0.00	0.0%	0.00	6,300.00	0.0%
5443 · Liab. & Property Ins	21,745.10	21,595.00	100.7%	0.00	0.00	0.0%	21,745.10	21,595.00	100.7%
5450 · Water Resources Technician	4,400.77	22,807.00	19.3%	0.00	0.00	0.0%	4,400.77	22,807.00	19.3%
5451 · Admin Assistant I	0.00	17,500.00	0.0%	0.00	0.00	0.0%	0.00	17,500.00	0.0%
<b>Total 5400 - GENERAL &amp; ADMIN - FISHERIES</b>	<b>80,977.89</b>	<b>401,508.00</b>	<b>20.2%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>80,977.89</b>	<b>401,508.00</b>	<b>20.2%</b>
5510 · Integrated Reg. Water Mgt Plan	0.00	5,000.00	0.0%	546.00	5,000.00	10.9%	546.00	5,000.00	10.9%
<b>6000 - SPECIAL PROJECTS</b>									
6062 · SCADA	0.00	67,000.00	0.0%	152.04	67,000.00	0.2%	152.04	67,000.00	0.2%
6062-1 · SCADA C/O Funds FY 2014	0.00	-25,000.00	0.0%	0.00	-25,000.00	0.0%	0.00	-25,000.00	0.0%
6090 · COMB Office Building	0.00	4,000.00	0.0%	295.79	4,000.00	7.4%	295.79	4,000.00	7.4%
6096 · SCC Structure Rehabilitation	0.00	257,985.00	0.0%	0.00	257,985.00	0.0%	0.00	257,985.00	0.0%
6096-1 · SCC Str Rehab C/O Funds FY 2014	0.00	-107,985.00	0.0%	0.00	-107,985.00	0.0%	0.00	-107,985.00	0.0%
6097 · GIS and Mapping	0.00	10,000.00	0.0%	900.00	10,000.00	9.0%	900.00	10,000.00	9.0%
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	276,546.00	0.0%	0.00	276,546.00	0.0%	0.00	276,546.00	0.0%
6107-1 · NP Elev Rehab C/O Funds FY 2014	0.00	-276,546.00	0.0%	0.00	-276,546.00	0.0%	0.00	-276,546.00	0.0%
6108 · Drought Contingency Planning	0.00	68,708.00	0.0%	0.00	68,708.00	0.0%	0.00	68,708.00	0.0%
6108-1 · Dr Cont Plan C/O Funds FY 2014	0.00	-68,708.00	0.0%	0.00	-68,708.00	0.0%	0.00	-68,708.00	0.0%
6109 · NP Jet Flow Control Valve	0.00	150,000.00	0.0%	0.00	150,000.00	0.0%	0.00	150,000.00	0.0%
6112 · Open Air Vent Structure	0.00	70,000.00	0.0%	0.00	70,000.00	0.0%	0.00	70,000.00	0.0%
6116 · V-Ditch Clean Up Project-UJR	0.00	30,000.00	0.0%	0.00	30,000.00	0.0%	0.00	30,000.00	0.0%
6117 · Sheffield Paving Project	0.00	30,000.00	0.0%	0.00	30,000.00	0.0%	0.00	30,000.00	0.0%
6119 · Intake Tower Stems & Guides	0.00	250,000.00	0.0%	0.00	250,000.00	0.0%	0.00	250,000.00	0.0%
6120 · Emergency Pumping Fac Project	0.00	4,708,000.00	0.0%	1,806,340.30	4,708,000.00	38.4%	1,806,340.30	4,708,000.00	38.4%
<b>Total 6000 - SPECIAL PROJECTS</b>	<b>0.00</b>	<b>5,454,000.00</b>	<b>33.1%</b>	<b>1,807,688.13</b>	<b>5,454,000.00</b>	<b>33.1%</b>	<b>1,807,688.13</b>	<b>5,454,000.00</b>	<b>33.1%</b>
<b>6200 - FISHERIES ACTIVITIES</b>									
6201 · FMP Implementation	0.00	100,000.00	0.0%	0.00	-10,000.00	0.0%	0.00	100,000.00	0.0%
6202 · GIS and Mapping	853.23	10,000.00	8.5%	0.00	-9,146.77	0.0%	853.23	10,000.00	8.5%
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	77,000.00	24.1%	0.00	-58,462.50	0.0%	18,537.50	77,000.00	24.1%
6206 · Tri County Fish Team Funding	0.00	5,000.00	0.0%	0.00	-5,000.00	0.0%	0.00	5,000.00	0.0%
6207 · Oak Tree Restoration Program	8,345.00	100,000.00	8.3%	0.00	-91,655.00	0.0%	8,345.00	100,000.00	8.3%
6211 · SYR RiverWare Model Use	0.00	5,000.00	0.0%	0.00	-5,000.00	0.0%	0.00	5,000.00	0.0%
<b>Total 6200 - FISHERIES ACTIVITIES</b>	<b>27,735.73</b>	<b>317,000.00</b>	<b>8.7%</b>	<b>0.00</b>	<b>-289,264.27</b>	<b>0.0%</b>	<b>27,735.73</b>	<b>317,000.00</b>	<b>8.7%</b>
<b>6300 - HABITAT ENHANCEMENT</b>									
6303 · Tributary Projects Support	0.00	5,000.00	0.0%	0.00	-5,000.00	0.0%	0.00	5,000.00	0.0%
6312 · Quiota Creek Crossing 0 (a&b)	0.00	40,000.00	0.0%	0.00	-40,000.00	0.0%	0.00	40,000.00	0.0%
6313 · Quiota Creek Crossing 3	0.00	30,000.00	0.0%	0.00	-30,000.00	0.0%	0.00	30,000.00	0.0%
6314 · Quiota Creek Crossing 4	0.00	30,000.00	0.0%	0.00	-30,000.00	0.0%	0.00	30,000.00	0.0%
6315 · Quiota Creek Crossing 8	0.00	30,000.00	0.0%	0.00	-30,000.00	0.0%	0.00	30,000.00	0.0%
<b>Total 6300 - HABITAT ENHANCEMENT</b>	<b>0.00</b>	<b>135,000.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>-135,000.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>135,000.00</b>	<b>0.0%</b>
6407 · INTEREST EXPENSE-EPPP	0.00	0.00	0.0%	1,501.97	0.00	0.0%	1,501.97	0.00	0.0%
<b>Total Expense</b>	<b>198,165.94</b>	<b>1,488,148.00</b>	<b>13.3%</b>	<b>2,137,368.52</b>	<b>7,427,679.00</b>	<b>28.8%</b>	<b>2,335,534.46</b>	<b>8,915,827.00</b>	<b>26.2%</b>
<b>Net Income</b>	<b>82,912.93</b>	<b>0.00</b>	<b>100.0%</b>	<b>-78,908.39</b>	<b>0.00</b>	<b>100.0%</b>	<b>4,004.54</b>	<b>0.00</b>	<b>100.0%</b>

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

[www.treasurer.ca.gov/pmia-laif/laif.asp](http://www.treasurer.ca.gov/pmia-laif/laif.asp)  
September 08,  
2014

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Tran Type Definitions

August 2014 Statement

Account Summary

Total Deposit:	0.00	Beginning Balance:	3,893.09
Total Withdrawal:	0.00	Ending Balance:	3,893.09

**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, 2014, 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



**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  
8/1/14 - 8/29/14

H

Customer Inquiries  
800.798.6466

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CY30 MZOB 0000 0084110-115381 420433  
CACHUMA OPERATION & MAINTENANCE BOARD  
MASTER CONTRACT RENEWAL FUND  
3301 LAUREL CANYON RD  
SANTA BARBARA CA 93105-2017

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**BUSINESS ESSENTIALS INTEREST CHK SUMMARY**

Days in statement period: 29

Beginning balance on 8/1	\$		10,215.50	Interest		
Total Credits			0.06	Paid this period	\$	0.06
Other credits and adjustments ( 1 )		0.06		Paid year-to-date	\$	16.02
Total Debits			0.00	Interest Rates		
Ending Balance on 8/29	\$		10,215.56	8/1/14-8/29/14		0.01%

**C R E D I T S**

**Other credits and adjustments**

Date	Description	Reference	Amount
8/29	INTEREST PAYMENT		\$ 0.06 ✓

**DAILY LEDGER BALANCE**

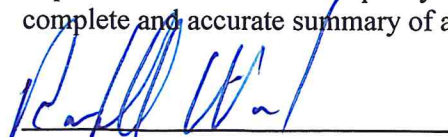
Date	Ledger Balance	Date	Ledger Balance
8/1-8/28	\$ 10,215.50	8/29	\$ 10,215.56

**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, 2014, 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: 0102335080**  
8/1/14 - 8/29/14

H

Customer Inquiries  
800-798-6466

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CY30 MZ O B 0000 0084111-115382 420433  
CACHUMA OPERATION & MAINTENANCE BOARD  
CACHUMA PROJECT TRUST FUND  
3301 LAUREL CANYON RD  
SANTA BARBARA CA 93105-2017

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**BUSINESS MONEYMARKET ACCOUNT SUMMARY**

Days in statement period: 29

Beginning balance on 8/1	\$		435,368.75	Interest		
Total Credits			52.61	Paid this period	\$	52.61
Other credits and adjustments ( 1 )		52.61		Paid year-to-date	\$	241.80
Total Debits			0.00	Interest Rates		
Ending Balance on 8/29	\$		435,421.36	8/1/14-8/29/14		0.15%

**C R E D I T S**

**Other credits and adjustments**

Date	Description	Reference	Amount
8/29	INTEREST PAYMENT		\$ 52.61

**DAILY LEDGER BALANCE**

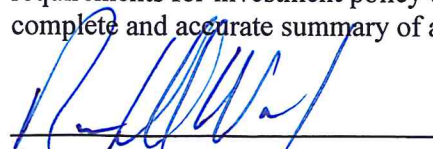
Date	Ledger Balance	Date	Ledger Balance
8/1-8/28	\$ 435,368.75	8/29	\$ 435,421.36

**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, 2014, 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

comb2  
**Payment of Claims**  
As of August 31, 2014

Date	Num	Name	Memo	Amount
<b>1050 - GENERAL FUND</b>				
08/04/2014	22877	Cushman Contracting Corp.	Emerg Pumping System: Pay Req#3-Phase II	-1,059,231.00
08/11/2014	22878	COMB-Petty Cash	Replenish Petty Cash	-356.47
08/11/2014	23003	A-OK Power Equipment	Sharpen chain saw	-70.00
08/11/2014	23004	Acorn Landscape Management Co.	Scheduled mtce-Lauro yard	-260.77
08/11/2014	23005	Alonzo Orozco	Jul mtg fees	-128.00
08/11/2014	23006	Association of Ca Water Agencies/JPIA	Sep coverage	-26,516.98
08/11/2014	23007	Big Brand Tire Company	FD-F150 & Colorado mtce service	-749.37
08/11/2014	23009	Cabela's Marketing & Brand Mgt Inc.	Duffel bags for PPE	-140.93
08/11/2014	23010	City of Santa-Barbara	Trash/Recycle-Jul 2014	-216.17
08/11/2014	23011	Coastal Copy, LP	Copier mtce agmts	-125.04
08/11/2014	23012	County of Santa Barbara	Hazmat waste disposal	-189.08
08/11/2014	23013	Crocker Refrigeration Heating & Air	HVAC repairs-Mobile offices	-295.79
08/11/2014	23014	Culligan Water	Monthly RO system	-24.95
08/11/2014	23015	Dale Francisco	Jul mtg fees	-132.64
08/11/2014	23016	Dennis E. Beebe	Jul mtg fees	-287.76
08/11/2014	23017	ECHO Communications	Monthly answering service	-62.00
08/11/2014	23018	Famcon Pipe & Supply	Chlorination tablets	-58.32
08/11/2014	23019	GE Capital	Copier lease agmt	-489.24
08/11/2014	23020	Harrison Hardware	Antifreeze-vehicle mtce supply	-14.03
08/11/2014	23021	Home Depot Credit Services	PVC/nuts/bolts/chain saw blades/paint supp	-114.86
08/11/2014	23022	Hydrex Pest Control Co.	Pest service-Lauro yard	-108.00
08/11/2014	23023	J&C Services	Ofc cleaning services-Jul	-600.00
08/11/2014	23024	Kenneth A. Knight, Consulting	Consulting Arborist-Oak Tree program-Jul	-2,400.00
08/11/2014	23025	Lauren W. Hanson	Jul mtg fees	-261.60
08/11/2014	23026	O'Reilly Automotive, Inc.	Trailer hitch ball replacement	-14.03
08/11/2014	23027	Pacific Coast Jiffy Lube	Ops/FD vehicle service	-253.00
08/11/2014	23028	Paychex, Inc.	7/3, 7/18, 8/1 payrolls/taxes/deliveries	-467.24
08/11/2014	23029	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-65.25
08/11/2014	23030	Prudential Overall Supply	Mats/scrapers-Jul	-104.12
08/11/2014	23031	Rodney Hunt-Fontaine	Stems for gates 1-5 (VAG) Emerg pump proj	-152,272.44
08/11/2014	23032	SB Home Improvement Center	Misc supplies for structure mtce	-59.65
08/11/2014	23033	Southern California Edison	Main ofc/outlying stations	-1,897.41
08/11/2014	23034	Tim Robinson	Reimb-ESRI conference meals/parking	-96.83
08/11/2014	23035	Underground Service Alert of So. Calif.	50 Ticket charges	-75.00
08/11/2014	23036	Verizon California	Main ofc/outlying stations	-490.04
08/11/2014	23037	Wright Express Fleet Services	Fleet fuel	-2,591.96
08/11/2014	23038	United States Geological Survey	Stream Gauge 3rd Qtr 5/1-7/31/14 Agmt 11/1/13	-18,537.50
08/11/2014	23039	Business Card	AM-Satellite fee/domain name annual fee/accounting checks & tax forms	-970.38
08/12/2014	23040	AT&T	GM-business lunches-breakfasts-lunch for CCC	
08/12/2014	23041	County of SB-P.W. Water Agency	Jul charges	-332.80
08/12/2014	23042	Cox Communications	Prop 84 MOU Cost share	-546.00
08/12/2014	23043	McCall's	Business internet-Aug	-195.00
08/12/2014	23044	Premiere Global Services	Flow meter replacement parts	-164.22
08/12/2014	23045	Southern California Edison	Conf calls-Jul	-26.54
08/12/2014	23046	Verizon California	Glen Anne gate/Glen Anne Rd-Corona	-51.73
08/12/2014	23047	Verizon Wireless	SCADA	-511.83
08/12/2014	23048	Southern California Edison	Modems	-152.04
08/12/2014	23049	Verizon Wireless	Foothill Rd	-26.74
08/14/2014	23051	MarBorg Industries	Cellular/modems/USB's	-635.54
08/18/2014	23052	BioResource Consultants, Inc.	Portable toilets	-328.37
08/18/2014	23053	Employment Development Dept.	Drought contingency services; Jan-Apr	-9,360.00
			Unemployment (DB)	-337.86



9:26 AM  
09/09/14  
Accrual Basis

comb2  
**Payment of Claims**  
As of August 31, 2014

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
08/18/2014	23054	Federal Express	Mailings	-88.04
08/18/2014	23055	GE Capital	Copier lease agmt	-390.32
08/20/2014	23057	The Bank of Santa Barbara	Loan interest pymt #1-Aug	-1,501.97
08/21/2014	23058	Kevin D. Walsh	Jun mtg fees	-161.43
08/21/2014	23059	Daniel Razo	Reimb-boat rental fee-Oak Tree program	-145.00
08/29/2014	23060	PG&E CFM/PPC Department	Reconductor project: 2225 Highway 154	-111,907.00
Total 1050 · GENERAL FUND				<u>-1,397,590.28</u>
<b>TOTAL</b>				<b><u>-1,397,590.28</u></b>



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 22, 2014

## General Manager Report

- **USBR Site Inspection**

COMB is routinely requested by USBR to provide a status update to USBR Category 1 recommendations. The cross connection to the SCC is the single Category 1 recommendation outside the control of COMB. USBR recently requested copies of surveys of cross connections prepared by the impacted Member Units. One Member Unit has responded and the other is in the process. The Member Unit, previously the subject of this report on back flow protection obligations, is now in compliance with the USBR recommendation.

- **NP Elevator Rehabilitation**

All parts and equipment have been received by the contractor. The contract was conditioned upon the receipt of all parts and equipment prior to the inauguration of construction. Per the contract, specific parts require anti-corrosive treatment prior to installation. COMB has been informed the anti-corrosive treatment is complete and construction is scheduled for completion on or before October 21, 2014.

- **Santa Barbara County Drought Task Force (DTF)**

The County Office of Emergency Services has participated in meetings and assisted in the coordination of grant funding through the Dept. of Water Resources and the State Water Resources Control Board. The DTF will meet at Lake Cachuma on October 8, and tour the Emergency Pumping Facility Project.

- **Drought Emergency Pumping Facility Project**

### Construction Status

- The system was successfully tested during the week of August 11, meeting or exceeding all engineering and design expectations.
- The PG&E transformer and electrical switch gear remains protected by fencing and security personnel is on site.

The system will remain in stand-by mode until the lake level renders the gravity fed system inoperable.

- **Grant Funding**

Working in conjunction, the Dept. of Water Resources (DWR) and the State Water Resources Control Board (SWRCB) have re-scheduled grant funding amounts. The amounts derived from two fund sources are as follows:

- \$350K to each participating agency from Clean Drinking Water Grant funds (SWRCB).
- \$150K to each participating agency from a separate line-item appropriation contained within the DWR budget from the Budget Act of 2014.

The total amount anticipated is \$2.0 million. The award of the grants and the amount was the subject of a press release from the offices of Senator Hanna Beth-Jackson and Assembly Member Das Williams (Attachment-Press Release).

The application and information requirements have been assisted by guidance obtained through multiple conference call meetings involving the DWR, SWRCB and participating Member Units.

The IRWMP Grant application (Prop. 84) has been submitted to the Department of Water Resources and is under review.

**Loan Status**

Lending has been secured.

See Attachment (A) for Emergency Pumping Facility Project expenditure detail.

Respectfully Submitted,



General Manager

## Attachment-Press Release

### **JACKSON AND WILLIAMS ANNOUNCE SIGNIFICANT PROGRESS IN EFFORTS TO SECURE EMERGENCY DROUGHT FUNDING FOR LAKE CACHUMA**

**SACRAMENTO** – Following months of work to identify state drought funding for a Lake Cachuma emergency pumping project, State Senator Hannah-Beth Jackson (D-Santa Barbara) and Assembly Member Das Williams (D-Carpinteria) announced today that significant progress is being made. In a recent meeting Jackson and Williams had with leaders of the State Water Resources Control Board (SWRCB) and the Department of Water Resources (DWR), these agencies indicated a funding announcement will likely be made in coming weeks.

“We know how critical this issue is to our districts, and so we have and will continue to make it a top priority,” said Jackson. “We are pleased to have received word that funding agreements between the state and local agencies are likely to be completed within weeks. We look forward to continuing to work to ensure that this money gets into the hands of our local communities and local water agencies as soon as possible, given the extraordinary urgency of the Lake Cachuma situation. While it’s important that we continue to conserve water, it’s also vital that we ensure our residents have access to water in the midst of this historic drought.”

During the meeting with SWRCB and DWR, it was reported to the lawmakers that while the prospect of receiving emergency funds is positive, there are still some necessary prerequisites. One such example is that a local water agency may need to have their governing board officially adopt a resolution declaring an emergency due to drought. However, once those actions are taken, the state will be prepared to announce funds in the coming weeks.

“We are pleased that the Department of Water Resources and the State Water Resources Control Board are working closely with our local water agencies to provide this crucial funding for the Cachuma pumping project in a timely manner,” said Williams. “We look forward to continuing this state and local partnership as we address California’s drought emergency through conservation, efficiency measures, and infrastructure improvements.”

The member agencies of the Cachuma Operations and Maintenance Board (COMB) are in close communication with the state agencies and are working diligently to provide any necessary additional information for the receipt of funds.

Lake Cachuma serves as the primary water source for approximately 200,000 Santa Barbara County residents. A decline in the lake levels due to the severe drought has jeopardized the gravity-fed pump system that delivers water to residents.

###

## EMERGENCY PUMPING FACILITY PROJECT FY 2014/2015

AS OF: 8/31/2014**FY 14/15 APPROVED BUDGET**

Drought Contingency Planning	ACCT #6108	-
Emergency Pumping Facility Project	ACCT #6120	4,708,000.00

<b>Total Budget Approved</b>		<b>\$ 4,708,000.00</b>
------------------------------	--	------------------------

FY 13/14 Unexpended funds ( <i>unapproved projected</i> )		68,708.00 <i>Acct #6108</i>
---	--	-----------------------------

		<b>\$ 4,776,708.00</b> <b>Total funds available FY 14/15</b>
--	--	--

FY 13/14 DROUGHT CONTINGENCY-EMERGENCY PUMPING FACILITY PROJECT				
CONSULTANTS	BUDGET	EXPENDED	BALANCE	Description
Environ Strategy	60,000.00	9,191.50	50,808.50	Project Management Services
HDR Engineering	198,748.00	178,645.48	20,102.52	Develop proj def; assist w/RFQ-RFP, etc
MPG - Environmental/Legal	50,000.00	80,622.32	(30,622.32)	Environmental / Legal fees
Permits	8,045.25	8,045.25	-	CDFW-\$4,912.25 / RWQCB-\$3,133
PG&E	7,000.00	7,000.00	-	On-going project electrical charges
Smith, Watts & Martinez	20,000.00	20,000.00	-	Lobbyist-drought relief funding
SYRWCD ID#1 (Stetson)	5,000.00	4,025.17	974.83	Work authorized by RW/TR
Miscellaneous	33,206.75	119.72	33,087.03	Non-Contract Incidental charges
Cushman Contracting	350,000.00	350,000.00	-	Phase I designs/mobilization/site prep
HDR Engineering	50,000.00	-	50,000.00	Project Management fees
Contractor	54,000.00	-	54,000.00	Evaluation of NP gates, stems, guides
VAG	150,000.00	152,272.44	(2,272.44)	Stems for gates 1-5
PG&E	-	107,370.37	(107,370.37)	Electrical Installation contract
<b>FY 2013/2014 Totals \$ 986,000.00 \$ 917,292.25 \$ 68,707.75</b>				

FY 14/15 EMERGENCY PUMPING FACILITY PROJECT				
CONSULTANTS	BUDGET	EXPENDED	BALANCE	Description
Cushman Contracting	3,568,000.00	1,643,820.00	1,924,180.00	Construction - Phase II/Operations
Contract Management	150,000.00	-	150,000.00	
PGE Construction	750,000.00	5,911.00	744,089.00	
PGE Monthly Costs	240,000.00	111,907.00	128,093.00	
RMC Water & Environment	-	19,763.00	(19,763.00)	Prop 84, Grant Application support
Rodney Hunt-Fontaine	-	540.00	(540.00)	Stems/guides-cast/engineering
SY Band of Chumash	-	1,914.30	(1,914.30)	Field monitoring
Bank of Santa Barbara	-	22,485.00	(22,485.00)	Loan fees (CVWD/GWD/MWD only)
Misc	-	-	-	

<b>\$ 4,708,000.00</b>	<b>\$ 1,806,340.30</b>	<b>\$ 2,901,659.70</b> *
------------------------	------------------------	--------------------------

<b>\$ 68,707.75</b>	* This amount is representative of the difference between FY 14/15 Budget Balance and the Remaining Funds Balance
---------------------	---

COMBINED FY 13/14 & 14/15 Totals			
	BUDGET	EXPENDED	BALANCE
	<b>\$ 5,694,000.00</b>	<b>\$ 2,723,632.55</b>	<b>\$ 2,970,367.45</b>

QB Reconciliation	917,292.25	QB Total Expenditures FY 13/14
	1,806,340.30	QB Total Expenditures FY 14/15
	<b>\$ 2,723,632.55</b>	

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	September 22, 2014
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 middle of last Fiscal Year (1/1/14 – 8/31/14, 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 Lake Cachuma Oak Tree Committee. COMB staff continues to rely on the Fisheries Division seasonal employees to conduct the majority of oak tree work in the field. The annual Lakeshore Inventory was conducted in July and August that consumed all of available staff time for this effort. Results of the Lakeshore Inventory and the total number of at-risk trees will be provided to the Lake Cachuma Oak Tree Committee this fall. Staff is preparing for another round of oak tree watering in September and October as well as weeding, mulching and deer cage maintenance.

**Table 1:** Cachuma Oak Tree Program completed tasks since 1/1/14

Oak Year Class	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	June 2014	July 2014 *	August 2014 *
<b>Year 6 Oaks (2010-2011)</b>		Irrigated		Irrigated	Irrigated	Irrigated		
					Hand weeded	Hand weeded		
					Road maint.			
<b>Year 5 Oaks (2009-2010)</b>	Irrigated	Soil removal	Mulching	Mulching				
	Hand weeded	Hand weeded	Irrigated	Hand weeded				
		Cage maint.	Cage maint.					
<b>Year 4 Oaks (2008-2009)</b>	Irrigated	Irrigated	Mulching	Mulching			Cage maint.	
	Hand weeded	Cage maint.	Irrigated	Irrigated				
			Cage maint.	Hand weeded				
<b>Year 3 Oaks (2007-2008)</b>	Irrigated	Irrigated	Mulching	Mulching			Cage maint.	
	Hand weeded	Cage maint.	Irrigated	Irrigated				
			Cage maint.	Hand weeded				
<b>Year 2 Oaks (2006-2007)</b>					Irrigated	Irrigated		
					Road maint.	Hand weeded		
<b>Year 1 Oaks (2005-2006)</b>					Irrigated	Irrigated		
					Road maint.	Hand weeded		

\*Lakeshore inventory began in July and continued into August

**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:**

N/A

## CACHUMA OPERATION AND MAINTENANCE BOARD

### MEMORANDUM

**DATE:** September 22, 2014  
**TO:** Randall Ward, General Manager  
**FROM:** Dave Stewart, Operations Division Manager  
**RE:** **MONTHLY OPERATIONS DIVISION REPORT**

#### Operations

The Annual Work Plan sets forth those activities necessary to ensure system reliability. Consistent with the Plan, Operation and Maintenance staff performs routine maintenance on the distribution and storage System. Staff continually endeavors to improve the system, address deficiencies and identify items to be included in the Infrastructure Improvement Program.

#### Lake Cachuma Operations

The total flow from Lake Cachuma into the Tecolote Tunnel for August was 2,439.4 acre-feet for an average daily flow of 78.69 acre-feet. The lake elevation was 695.17 feet at the beginning of the month and 692.99 feet at the end. The storage change decreased 3,339 acre-feet. CCWA wheeled 1,252.4 acre-feet of water to Cachuma Project facilities.

#### Operation and Maintenance Activities

COMB Staff regularly performs the following duties:

- Weekly Safety Meetings
- Weekly Rodent Bait (All Reservoirs)
- Weekly Toe Drain and Piezometer reads at Ortega (L23)
- Dam inspection and reports (All Reservoirs)
- Structure Maintenance per Work Plan
- USA Dig Alert – Responded as necessary to alerts
- Pesticide report to County of Santa Barbara
- Operational tests of generators at the North Portal and at Lauro Yard
- Inspection of Fire Extinguishers
- Read Anodes and Rectifier Data
- Water Samples taken at Lake Cachuma
- Meter Calibration performed on all Venturi Meters

#### *Weekly Safety Meetings:*

The purpose of the weekly safety meetings is to continue education of Staff on safe practices in the field and on-site. In these safety meetings Staff is urged to ask questions about the topic being discussed and share incidence experience related to the topic. Discussion includes how the incident could have been prevented. Regular safety meetings are intended and designed to



stress the importance of safe practices. The following topics were reviewed this past month. The safety meeting discussions utilize information provided by the “American Water Works Association Safety Topics” publication.

- ✓ Lockout Tagout Water Under Pressure
- ✓ Gate Valve Safety
- ✓ Hang Up and Drive

COMB Crew specifically performed the following activities:

- Structure Maintenance on Upper Reach Stations; 358+50, 361+20, 378+49, 379+00, 380+30, 396+50, 407+75, 408+40, 424+00, 428+28, 435+03, 436+25, 454+26, 457+50
- Lauro Yard Backup generator was serviced
- Cathodic Protection Inspection at Lauro and three line valves were performed by Farwest Corrosion
- Began replacement of faulty pipe supports in lateral structures
- California Conservation Corps performed brush clearing at Lauro Yard and Reservoir
- Oversight of contract work on COMB’s SCADA system
- Conducted interviews of selected applicants for the Water Service Worker I position
- Discovered and repaired a leak at Station 682+11 (Lateral 6-L) an active lateral in Carpinteria
- As part of ongoing infrastructure review a site inspection was performed at Station 477+49 a blowoff structure. This is a mission critical structure that provides the emergency discharge line to drain Lauro Reservoir

Additionally, Operations staff has been involved in activities related to the EPFP, the Elevator Rehabilitation contract and investigation of the Lower Reach AVAR conditions (Category 1 USBR Recommendation).

Operations staff is responsible for identifying system vulnerabilities to enable effective planning and emergency response. System components and related vulnerabilities have not been a formalized subject of information collection based on field discovery and the historic knowledge of employees. Therefore, Operations is in the process of formalizing the collection of this type of information that will ultimately be brought forward to the Operations Committee and the Board for review.

Pictures

Lower Reach Station 682+11 Leaking Lateral



Staff Inspection of Station 477+49



Lateral Pipe Painting Project Station 379+00 (Before and After)



**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**BOARD MEMORANDUM**

**DATE:** September 22, 2014  
**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 ((NMFS, 2000) and as described in the 2004 Lower Santa Ynez River Fish Management Plan (SYRTAC, 2000) 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. The thermograph network has been deployed in the LSYR mainstem and its tributaries. 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 normally 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-turnover. Due to the drought and need to carefully monitor Lake Cachuma, lake profiles will be taken monthly throughout the year for the unforeseeable future.

***Cachuma Lake Oak Tree Restoration Program:*** COMB staff, with guidance from the hired professional arborist, continues to implement the Program and has successfully conducted all management actions as required. An update of the project is provided in a separate Board memo. The 2015 Lakeshore Survey was completed in July and August. The results of that survey will be released in a report this fall and will be used to set the mitigation number for the number of oak trees to be planted over the course of the next two years.

***WR 89-18 Release Monitoring:*** BO required monitoring for the WR 89-18 releases started in the middle of August as requested by USBR and will continue until after the releases are stopped. WR 89-18 releases began on 8/18/14 at 8 AM and are conducted by the Santa Ynez River Water Conservation District in collaboration with US Bureau of Reclamation (USBR).

**Tributary Project Updates:**

***Quiota Creek Crossing 0:*** Staff submitted a CDFW-FRGP Grant on 3/17/14 with a revised design and a \$50,000 construction landowner cost match. Submitting the proposal was

approved during the February COMB Board meeting. The CDFW-FRGP Technical Review Team visited the site on 6/18/14 as part of their grant application evaluation. Grant awards will be announced in January, 2015.

***Quiota Creek Crossing 3:*** Staff submitted a CDFW-FRGP Grant on 3/17/14 with a COMB construction match of \$50,000 that was approved during the February COMB Board meeting. The CDFW-FRGP Technical Review Team visited the site on 6/18/14 as part of their grant application evaluation. Grant awards will be announced in January, 2015.

***Quiota Creek Crossing 4:*** CDFW has announced a second FRGP Grant competition that focuses on steelhead passage and drought. Staff submitted a CDFW-FRGP Forest and Drought Grant on 8/12/14 with a pending COMB construction match of \$50,000 that was recommended during the COMB Board Fisheries Committee meeting on 7/28/14. Approval of the COMB construction match is being considered during the 8/25/14 Board meeting. The CDFW-FRGP Technical Review Team will be visiting the site sometime this fall as part of their grant application evaluation. Grant awards will be announced in January, 2015.

***Quiota Creek Crossing 8:*** The current temporary County bridge at Crossing 8 has been listed on the CalTrans federal list of bridges. The County is discussing with COMB how best to apply for CalTrans bridge replacement grant funding and conduct project planning, design, oversight and construction to meet CalTrans standards. Due to the anticipated lengthy procedure required by CalTrans for grants, the funding and construction is not estimated for several years.

***Rancho Salsipuedes Cattle Exclusionary Fencing and Off-Channel Watering:*** The project elements continue to operate as designed, project performance monitoring is ongoing and all are pleased with the outcome of the restoration effort.

***Salsipuedes Creek – Jalama Road Fish Ladder:*** Three design options have been sent to CDFW and NMFS for their review. A conference call to finalize design options has been scheduled for 9/19/14. The outcome of that meeting will set the path forward both in design and funding options.

***El Jaro Creek – Cross Creek Ranch Fish Passage Facility:*** On 7/29/14, our design engineer for this project, Ed Wallace from HHC, visited the site to conduct the annual performance evaluation. Structural deficiencies were observed in some of the constructed weirs that backwater the low-flow crossing. Suggested repairs will be presented to CDFW during our 9/19/14 meeting to discuss options, possible funding and scheduling.

### **Hilton Creek Watering System (HCWS) Repairs and Upgrades**

The HCWS is owned, operated and maintained by USBR. The following repairs and upgrades have been identified by USBR with the status of each (Table 1).

**Table 1: List of HCWS repairs and upgrades.**

#	Tasks	Status:
1	Run a watering truck to LRP for 10 hrs/day until Pumps #1+2 are operational	Completed - 5/30/14 thru 6/10/14
2	Replace failed Pump #1 on HCWS Pumping Barge	Completed - 6/9/14
3	Conduct repairs on Pump #2 on HCWS Pumping Barge	Completed - 6/10/14
4	Provide low flow delivery (<1cfs) to HC to accommodate < 30,000 af of storage (Return-Flow System)	Pending (in place by end of WR 89-18 release)
	Install temporary HC Emergency Backup System (HCEBS) at Bradbury Dam Outlet Works:	
5	Receive contractor bids	Completed (2 rounds)
6	Issue a contract and a Notice to Proceed letter	Completed - contract issued on 9/3/14
7	Install steel riser pipe off of the 10" release valve at Outlet Works (USBR)	Completed - 6/20/14
8	Construct the HCEBS	Pending (90-day estimated construction)
	Work to be completed once the HCEBS is installed:	
9	Finalize all needed modifications to Pumps #1+2	Pending (completion of the HCEBS)
10	Upgrade current Motor Control (electrical panel) to assure no power interruption to Pumping Barge	Pending (completion of the HCEBS)
11	General top of Dam electrical and SCADA upgrades	Pending (completion of the HCEBS)
12	Repair the 3 leaky valves at the Outlet works	Procedure requested (fall?)
13	Negotiate a solution for independent CCWA delivery without connecting to the Outlet	CCWA, USBR + COMB MJUs to address
14	Install permanent Hilton Creek Backup Delivery System (HCBDS) from the Outlet Works	In preliminary design phase (2016 +/-)

### 30,000 acre-feet Threshold and Reduction in Downstream Fish Releases

A brief presentation will be given to the Board on the Biological Opinion determination of Critical Drought Years and the proposed reduction in releases to the Lower Santa Ynez River below Bradbury Dam in support of the downstream fishery. Depending on the discussion following the presentation, the Board may direct the COMB General Manager to write a letter to USBR to express the Board's position.

### 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 2). All numbers come from USBR'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 and ended on 12/2/13 at 2:00 PM and another WR 89-18 release began on 8/18/14 and is ongoing. During these releases, no Fish Rearing releases are debited as WR 89-18 releases are used conjunctively with fish flows under the Cachuma Project Settlement Agreement. Subtracted from the Project Yield total were the Adaptive Management Account (AMA) releases of 35 acre-feet in October 2012 and 114 acre-feet in June 2013 that were called for by the Adaptive Management Committee (AMC). What remains of the AMA is 351 acre-feet.

**Table 2: Summary of the surcharge water accounting and use of Project Yield.**

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
<b>Fish Passage</b>	3,200	0	3,200
<b>Adaptive Management</b>	500	149	351
<b>Fish Rearing***</b>	5,484	5,242	242
<b>Project Yield</b>		11,310	
<b>Total:</b>	9,184	16,701	3,793
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 8/31/14.			
*** 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 (AMR) was vastly modified by USBR and then submitted to NMFS without an opportunity for COMB to comment. Staff is working on the 2012 and

2013 AMRs that will be sent to the Science Review Team after discussions with USBR on format and content, and further input from the COMB Board Fisheries Committee.

***Outreach and Training:*** Staff continues to work with Quiota Creek and Salsipuedes Creek watershed landowners, interested parties within the Santa Ynez Valley and the County on a variety of fisheries related issues.

**Consultant Activity Summary**

***HDR Fisheries Design Center*** (Mike Garelo) – Design work for the Quiota Creek Crossings 0, 3, 4 and 8 projects.

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

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	September 22, 2014
Submitted by:	Tim Robinson
Approved by:	Randy Ward

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**SUBJECT:**                    **2000 Biological Opinion: Lake Elevation – Low Flow Fish Release Regime**

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**SUMMARY:**

Lake Cachuma will reach 30,000 acre-feet of available Project water in the near term. The 2000 Biological Opinion requires a consultation between U.S. Bureau of Reclamation (USBR) and the National Marine Fisheries Service (NMFS) regarding a reduction to downstream releases in support of the steelhead/rainbow trout (*O. mykiss*) fishery. USBR has entered a focused consultation on how those downstream fish releases shall be conducted. The presentation provided today speaks to the procedures and operational requirements of the USBR set forth in the Biological Opinion relative to a low flow fish regime during critical drought conditions.

If determined necessary, direct the General Manager to write a letter to USBR to express the Board's position.

**FINANCIAL IMPACT:**

N/A

**LEGAL CONCURRENCE:**

N/A

**ENVIRONMENTAL COMPLIANCE:**

N/A

**COMMITTEE STATUS:**

N/A

**RECOMMENDATION:**

**Action Item 8:** Pursuant to discussion, if necessary, direct the General Manager to write a letter to USBR that communicates the position of the COMB Board regarding USBR's obligations under the Biological Opinion to provide low flow fish releases during critical drought conditions.

**LIST OF EXHIBITS:**

N/A





## 13-14 ENTITLEMENT

### CACHUMA OPERATION AND MAINTENANCE BOARD WATER PRODUCTION AND WATER USE REPORT FOR THE MONTH OF **AUGUST 2014** AND THE WATER YEAR TO DATE

(All in rounded Acre Feet)

	MONTH				YTD	
	TOTAL				TOTAL	
<b>WATER PRODUCTION:</b>						
Cachuma Lake (Tec. Diversion)				2,439	27,163	
Tecolote Tunnel Infiltration				47	1,378	
Glen Anne Reservoir				0	0	
Cachuma Lake (County Park)				3	31	
State Water Diversion Credit				1,117	9,721	
Bishop Ranch Diversion				0	0	
Meter Reads				1,272	18,180	
So. Coast Storage gain/(loss)				16	47	
<b>Total Production</b>				<b>2,490</b>	<b>28,572</b>	
<b>Total Deliveries</b>				<b>2,404</b>	<b>27,947</b>	
Unaccounted-for				86	625	
% Unaccounted-for				3.46%	2.19%	
	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRWCD</b>	<b>TOTAL</b>
<b>WATER USE:</b>					<b>I.D. #1</b>	
M&I	337	617	0	79	3	1,036
Agricultural	144	0	0	92	0	236
<b>TOTAL FOR MONTH</b>	<b>481</b>	<b>617</b>	<b>0</b>	<b>171</b>	<b>3</b>	<b>1,272</b>
Same Mo/prev. yr	582	1,313	431	474	10	2,810
M&I Yr to date	4,335	8,538	1,014	1,120	30	15,037
Ag. Yr to date	1,756	0	157	1,256	0	3,169
<b>TOTAL YTD</b>	<b>6,091</b>	<b>8,538</b>	<b>1,171</b>	<b>2,376</b>	<b>30</b>	<b>18,206</b>
USAGE % YTD	62.9%	73.4%	30.0%	75.1%	3.2%	60.8%
<b>Previous Year/YTD</b>	<b>10,797</b>	<b>8,244</b>	<b>3,148</b>	<b>3,092</b>	<b>67</b>	<b>25,348</b>
Evaporation	0	0	0	0	0	0
Evaporation, YTD	2	33	13	2	20	70
Entitlement	9,322	8,277	2,651	2,813	2,651	25,714
Carryover	216	2,677	782	179	475	4,329
Carryover Balances Spilled YTD	0	0	0	0	0	0
Surplus <sup>^</sup>	0	0	0	0	0	0
State Water Exchange <sup>^</sup>	395	184	345	176	(1,100)	0
Transfers/Adjustment <sup>#</sup>	(241)	534	172	0	(465)	0
Passthrough H2O <sup>**</sup>	0	0	0	0	0	0
<b>TOTAL AVAILABLE</b>	<b>9,692</b>	<b>11,672</b>	<b>3,950</b>	<b>3,168</b>	<b>1,561</b>	<b>30,043</b>
<b>REMAINING BALANCE</b>	<b>3,599</b>	<b>3,101</b>	<b>2,766</b>	<b>790</b>	<b>1,511</b>	<b>11,767</b>

<sup>\*\*</sup> City is operating under pass through mode declared November 2008.

State Water Deliveries for August to Lake Cachuma were: MWD 314 AF; CVWD 121 AF

GWD 437 AF (Morehart 6 AF); City of S.B. 314 AF; and LaCumbre 105 AF; (Ratheon 0 AF).

<sup>^</sup> Per SWP Exchange Agrmt GWD received 46 AF; MWD received 31 AF;

City of SB received 31 AF; and CVWD received 21 AF from ID#1 in August 2014.

<sup>#</sup> Transfer per Juncal agreement October 2013 / GWD transfer to City November 2013 - 240.81 AF per overlap agreement

<sup>#</sup> SYRWCD ID No. 1 transferred 465 af to MWD effective 4/2/2014

**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**WATER STORAGE REPORT**

MONTH: **August 2014**

**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	548.90 Feet
Water in Storage	588.61 Acre Feet

**ORTEGA RESERVOIR**

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	450.00 Feet
Water in Storage	29.30 Acre Feet

**CARPINTERIA RESERVOIR**

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	373.00 Feet
Water in Storage	19.24 Acre Feet

**TOTAL STORAGE IN RESERVOIRS**

Change in Storage	637.15 Acre Feet
	15.58 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	692.99 Feet
Water in Storage	63,743 AF
Surface Area	1,468
Evaporation	1,211.6 AF
Inflow	475 AF
Downstream Release WR8918	1106.9 AF
Fish Release (Hilton Creek)	258.1 AF
Outlet	50.0 AF
<b>Spill/Seismic Release</b>	0 AF
State Project Water	1252.4 AF
Change in Storage	-3,338 AF
Tecolote Diversion	2,439.4 AF

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



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

Contract Year: 10/1/13 to: 9/30/14

Contract Entity: **Goleta Water District**  
 Last updated by C.O.M.B. 8/31/14

Month	Approved Schedule		Carryover Previous Year	TOTAL WATER USED				WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT				
	Current Year	9322		Acre-feet		Evap	Allocation		Acre-feet		M & I	Acre-feet		M & I	Acre-feet	
				M & I	AGR		Total	Div	M & I	AGR		Total	M & I		AGR	Total
Oct			216	822	315	1,137	2	214	216	156	60	667	256	923		
Nov				639	220	859	0	0	0	0	0	639	220	859		
Dec				564	250	814	0	0	0	0	0	564	250	814		
Jan				365	147	512	0	0	0	0	0	365	147	512		
Feb				0	0	0	0	0	0	0	0	0	0	0		
Mar				0	0	0	0	0	0	0	0	0	0	0		
Apr				198	63	261	0	0	0	0	0	198	63	261		
May				530	247	777	0	0	0	0	0	530	247	777		
Jun				443	183	626	0	0	0	0	0	443	183	626		
Jul				437	187	625	0	0	0	0	0	437	187	624		
Aug				337	144	481	0	0	0	0	0	337	144	481		
Sep																
Total			216	4,336	1,756	6,092	2									

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULES AND REVISIONS	
	M & I	AGR	M & I	AGR	M & I	AGR	M & I	AGR
Oct	156	-156	0	0	216	216	6,862	2,460
Nov	0	0	0	0			119	119
Dec	0	0	0	0			(239)	(239)
Jan	0	0	0	0				
Feb	0	0	0	0				
Mar	0	0	0	0			27	6
Apr	0	0	0	0			42	13
May	0	0	0	0			78	35
Jun	0	0	0	0				
Jul	0	0	0	0			19	8
Aug	0	0	0	0			32	14
Sep	0	0	0	0				
Total	156	-156	0	0	216	216	6,862	2,460

Month	REMAINING BALANCES		REMAINING BALANCES	
	M & I	AGR	M & I	AGR
Oct	0	0	6314	2204
Nov	0	0	5436	1984
Dec	0	0	4872	1734
Jan	0	0	4507	1587
Feb	0	0	4507	1587
Mar	0	0	4534	1593
Apr	0	0	4378	1543
May	0	0	3926	1331
Jun	0	0	3483	1148
Jul	0	0	3065	969
Aug	0	0	2760	839
Sep	0	0		
Total	0	0	6314	2204

TOTAL 3,599

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

Contract Year: 10/1/13 to: 9/30/14

Contract Entity: **Montecito Water District**  
 Last updated by C.O.M.B. 8/31/14

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	Acre-feet		M & I	Agr	M & I	Agr	M & I	Agr	Total	
						Div	Total								
Oct	0	0	0	7	0	7	7	0	0	0	0	0	0		
Nov	338	46	383	4	383	388	341	46	0	0	0	0	0		
Dec	287	34	321	2	321	323	288	34	0	0	0	0	0		
Jan	304	61	365	0	64	65	54	11	0	0	250	50	300		
Feb	47	10	57	0	0	0	0	0	0	0	47	10	57		
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0		
Apr	39	6	45	0	0	0	0	0	0	0	39	6	45		
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	0	0	0	0	0	0	0	0	0	0	0		
Sep	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Total</b>	<b>1,014</b>	<b>157</b>	<b>1,171</b>	<b>13</b>											

STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
M & I	Agr	M & I	Agr	M & I	Month	M & I	Agr
0	0	0	0	782	Oct	321	470
341	-341	0	0	0	Nov	0	0
288	-288	0	0	0	Dec	0	0
54	-54	247	(247)	0	Jan	0	0
-774	774	47	(47)	0	Feb	0	0
774	-774	-343	343	0	Mar	0	0
-774	774	0	0	0	Apr	0	0
774	-774	0	0	0	May	0	0
-774	774	0	0	0	Jun	0	0
0	0	0	0	0	Jul	0	0
0	0	0	0	0	Aug	0	0
0	0	0	0	0	Sep	0	0
<b>Total</b>	<b>2,651</b>	<b>782</b>	<b>782</b>	<b>13</b>	<b>Total</b>	<b>2,386</b>	<b>265</b>

REMAINING BALANCES			
Month	M & I	Agr	Total
Oct	0	0	0
Nov	-387	2	-385
Dec	-709	3	-706
Jan	-774	0	-774
Feb	-774	0	-774
Mar	-774	0	-774
Apr	-774	0	-774
May	-774	0	-774
Jun	-774	0	-774
Jul	-774	0	-774
Aug	-774	0	-774
Sep	-774	0	-774
<b>Total</b>	<b>775</b>	<b>0</b>	<b>775</b>

TOTAL 2,766

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

Contract Year: 10/1/13 to: 9/30/14

Contract Entity: **City of Santa Barbara**  
 Last updated by **C.O.M.B. 8/31/14**

Month	Approved Schedule		Carryover Previous Year	WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT		
	Current Year	8277		2677	Evap	Div	Total	M & I	Agr	Total
Oct	0	1,168	0	23	1,168	1,191	1,191	0	0	0
Nov	0	1,140	0	9	1,140	1,148	1,148	0	0	0
Dec	0	904	0	1	336	337	337	0	568	568
Jan	0	1,018	0	0	0	0	0	0	1,018	1,018
Feb	0	252	0	0	0	0	0	0	252	252
Mar	0	479	0	0	0	0	0	0	479	479
Apr	0	742	0	0	0	0	0	0	742	742
May	0	826	0	0	0	0	0	0	826	826
Jun	0	573	0	0	0	0	0	0	573	573
Jul	0	819	0	0	0	0	0	0	819	819
Aug	0	617	0	0	0	0	0	0	617	617
Sep	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>8,537</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Month	REMAINING BALANCES		REMAINING BALANCES	
	Total	M & I	Total	M & I
Oct	1486	1486	0	8570
Nov	337	338	0	8811
Dec	0	1	0	8243
Jan	0	1	0	7225
Feb	0	1	0	6973
Mar	0	1	0	6516
Apr	0	1	0	5811
May	0	1	0	5061
Jun	0	1	0	4488
Jul	0	1	0	3687
Aug	0	1	0	3101
Sep	0	0	0	0
<b>Total</b>	<b>1486</b>	<b>1486</b>	<b>0</b>	<b>8570</b>

TOTAL 3,101



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

Contract Entity: Santa Barbara Co. Water Agency  
 Last updated by C.O.M.B. 8/31/14

Contract Year: 10/1/13 to: 9/30/14

Month	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT				
	Use %	Acre-feet		Evap	Acre-feet		Acre-feet		M & I	Acre-feet		Total
		M & I	Agri		Total	Div	Total	M & I		Agri		
Oct	8.74%	2,125	462	38	1,566	1,604	1,449	155	713	308	1,021	
Nov	8.88%	2,253	401	16	1,525	1,541	1,494	46	773	355	1,128	
Dec	7.52%	1,867	387	5	659	664	629	34	1,242	353	1,595	
Jan	7.35%	1,834	371	3	66	70	59	11	1,778	360	2,138	
Feb	1.31%	337	54	3	2	4	4	0	336	54	390	
Mar	1.93%	527	48	5	1	6	6	0	525	48	573	
Apr	4.14%	1,079	182	0	2	2	2	0	1,077	182	1,259	
May	6.28%	1,490	425	0	0	0	0	0	1,490	425	1,915	
Jun	4.91%	1,150	325	0	0	0	0	0	1,150	325	1,475	
Jul	5.39%	1,340	278	0	0	0	0	0	1,340	278	1,618	
Aug	4.24%	1,036	236	0	0	0	0	0	1,036	236	1,272	
Sep		0	0									
Total		15,039	3,170			18,209						

Approved Schedule Current Year 25714  
 Carryover Previous Year 4329

**CONVERSIONS**

Month	CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agri	M & I	Agri
Oct	0	0	19,401	6,313
Nov	0	0	212	(212)
Dec	0	0	(1)	1
Jan	247	-247	0	0
Feb	47	-47	0	0
Mar	-343	343	0	0
Apr	0	0	24	(24)
May	0	0	500	(62)
Jun	0	0	98	(98)
Jul	0	0	0	0
Aug	0	0	15	(15)
Sep	0	0	54	(54)
Total			4,329	25,714

**COUNTY PARKS**

Month	CURRENT SCHEDULE		SCHEDULE AND REVISIONS		REMAINING BALANCES	
	M & I	Agri	M & I	Agri	M & I	Agri
Oct	6.37	2725	1491	459	16648	5528
Nov	2.24	1184	338	72	15874	5174
Dec	2.21	520	1	-254	14632	4821
Jan	2.11	451	1	-324	13101	4214
Feb	1.62	446	-773	446	12812	4113
Mar	1.47	440	1	-334	11968	4384
Apr	2.10	0	-773	0	11391	4127
May	2.43	0	1	-774	9999	3803
Jun	3.57	0	-773	0	8849	3478
Jul	3.82	0	1	0	7385	3107
Aug	3.36	0	1	0	6403	2817
Sep						
Total						

TOTAL 11,767



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

MONTH	DELVRD TO LAKE	CVWD		MWD		S.B.		GWD		LCMWC		RSYS		MLC		
		Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to SC
2013																
Bal. Frwd	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
February	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
April	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	216	0	136	0	0	0	0	0	0	0	0	0	0	0	0	0
June	217	0	57	0	0	0	0	0	0	0	131	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	91	0	0	0	0	0
August	641	0	81	0	0	0	0	500	0	60	91	0	0	0	0	0
September	922	50	525	0	0	0	0	297	0	50	50	0	0	0	0	0
October	901	200	601	38	0	0	0	0	0	100	81	0	0	0	0	0
November	115	115	0	0	0	0	0	0	0	0	81	0	0	0	0	0
December	146	109	0	0	0	0	0	12	0	25	24	0	0	0	0	0
<b>Total</b>	<b>3213</b>	<b>474</b>	<b>0</b>	<b>1400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>809</b>	<b>0</b>	<b>530</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>506</b>	<b>0</b>

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

MONTH	DELVRD TO LAKE	CVWD		MWD		S.B.		GWD		LCMWC		RSYS		MLC		
		Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to SC
2014																
Bal. Frwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	875	54	82	0	0	82	0	615	0	42	0	0	0	0	66	0
February	1368	133	200	0	0	200	0	749	181	86	21	0	0	0	65	0
March	1362	105	245	82.87	0	286	0	648	154	78	64	0	0	0	14	0
April	486	0	93	0	0	178	0	176	0	39	20	0	0	0	17.6	0
May	1265	30	362	80.94	0	362	0	388	0	120	68.43	0	0	0	52	0
June	1268	50	318	62.96	0	348	0	432	0	115	83.78	0	0	0	31.22	0
July	1302	158	275	8.64	0	317	0	441	0	105	33.29	0	0	0	72	0
August	1297	121	314	88.9	0	314	0	437	0	105	91.6	0	0	0	13	0
September	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
November	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
<b>Total</b>	<b>9223</b>	<b>651</b>	<b>0</b>	<b>1889</b>	<b>324.2</b>	<b>0</b>	<b>2087</b>	<b>3886</b>	<b>335.6</b>	<b>690</b>	<b>382</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>330</b>	<b>20</b>

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

SEPTEMBER 2014

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: September 17, 2014

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	CCWA INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.				EVAP		PRECIP INCHES
		ACRE-FEET IN LAKE	CHANGE				TUNNEL	HILTON CREEK	OUTLET	SPILLWAY	AF.	INCH	
1	692.99	63,743		18.2	42.0	.0	49.1	8.3	31.0	.0	43.8	.472	.00
2	692.94	63,671	-72	20.4	42.0	.0	60.5	8.2	30.0	.0	36.7	.395	.00
3	692.89	63,598	-73	11.0	42.0	.0	65.1	8.3	31.0	.0	36.6	.395	.00
4	692.83	63,510	-88	4.9	42.0	.0	70.6	8.3	57.0	.0	27.0	.291	.00
5	692.75	63,394	-116	20.3	42.0	.0	66.6	8.3	61.0	.0	29.4	.318	.00
6	692.68	63,291	-103	2.3	42.0	.0	49.1	8.2	60.0	.0	29.0	.314	.00
7	692.61	63,189	-102	4.8	42.0	.0	47.6	8.2	61.0	.0	32.0	.346	.00
8	692.54	63,087	-102	17.5	42.0	.0	60.2	8.2	60.0	.0	33.1	.359	.00
9	692.47	62,985	-102	2.6	41.9	.0	60.8	8.2	60.0	.0	17.5	.190	.00
10	692.40	62,883	-102	-5.2	41.9	.0	85.7	8.2	61.0	.0	27.8	.302	.00
11	692.30	62,737	-146	21.3	41.9	.0	80.4	8.2	60.0	.0	30.6	.333	.00
12	692.22	62,621	-116	23.9	41.9	.0	68.5	8.1	60.0	.0	31.2	.339	.00
13	692.15	62,519	-102	1.5	41.9	.0	64.8	8.1	43.0	.0	29.5	.321	.00
14	692.08	62,417	-102	20.7	41.9	.0	57.1	8.2	40.0	.0	30.3	.330	.00
15	692.03	62,344	-73	17.7	41.9	.0	29.8	8.1	33.0	.0	32.7	.357	.00
16	692.00	62,300	-44	10.9	41.8	.0	73.0	8.1	31.0	.0	26.6	.290	.00
17	691.94	62,214	-86	19.4	41.9	.0	75.5	8.1	32.0	.0	31.7	.346	.00
17	691.88	62,128	-86										
<b>TOTAL (AF)</b>			<b>-1,615</b>	<b>212.2</b>	<b>713.0</b>	<b>.0</b>	<b>1,064.4</b>	<b>139.3</b>	<b>811.0</b>	<b>.0</b>	<b>525.5</b>	<b>5.698</b>	<b>.00</b>
<b>(AVG)</b>		<b>62,876</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.



**Santa Barbara County Community Services Department  
Parks Division, Cachuma Lake Recreation Area**

**Summary of Aquatic Invasive Species Vessel Inspection Program  
and Early Detection Monitoring Program: **AUGUST 2014****

**CACHUMA LAKE BOAT LAUNCH DATA:**

<b>Cachuma Lake Recreation Area Boat Launch Data -- August 2014</b>		
<b>Inspection Data</b>		
Total Vessels entering Park	174	
Total Vessels launched	163	
Total Vessels Quarantined	11	6%
Returning with Boat Launch Tag	111	68%
New: Removed from Quarantine	5	3%
Kayak/Canoe: Inspected, launched	47	29%
4-stroke Engines	52	32%
2-strokes, w/CARB star ratings	35	21%
2-strokes, NO emissions ratings	29	18%
<b>Quarantine Data</b>		
Total Vessels Quarantined	11	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	11	
<b>Quarantine Reasons -- Can be several for 1 boat</b>		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	2	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	2	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	11	
<b>Demographic Data</b>		
Quarantined from infected county	2	
Quarantined from SB County	4	
Quarantined from uninfected co	3	

\* These conditions will not be tracked while the mandatory 30-day quarantine is adopted, as of 15 April 2014.

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, 2014.

**CACHUMA LAKE QUAGGA SURVEY:**

**Summary:** No Dreissenid mussels were detected  
 Inspection site: Cachuma Lake Marina, Santa Barbara County, California  
 Inspection Date and Time : 2014.08.27; 13:30 – 16:00 PDT  
 Method: 8 PVC/Cement Sampling Stations; 191 linear feet of line  
 Surveyors: Liz Gaspar (Parks Division, CSD), Keith Yaeger, Christen Santschi (Sea Grant).  
 Lake elevation: Max feet: 753, current: 693.3; Max acre-feet: 193,000, current: 64,201;  
 Current capacity: 33%