

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

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

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**Monday, December 19, 2016**

**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 November 4, 2016 Special Board Meeting; Minutes November 28, 2016 Regular Board Meeting
  - b. Investment of Funds
    - Financial Reports
    - Investment Reports
  - c. Review of Paid Claims
4. **VERBAL REPORTS FROM BOARD COMMITTEES**  
Receive verbal information regarding the following committee meetings:
  - Administrative Committee Meeting – December 9, 2016
5. **DRAFT FINANCIAL AUDIT REPORT AS OF JUNE 30, 2016 - PRESENTATION FROM BARTLETT, PRINGLE & WOLF, LLP**  
Action: Recommend acceptance by motion and roll call vote of the Board
  - a. Draft Financial Audit Report as of June 30, 2016
6. **GENERAL MANAGER REPORT**  
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
  - Cachuma Project Member Unit Manager Meetings
  - Administration
  - Operations Division
  - Fisheries Division

7. **OPERATIONS DIVISION REPORT**  
Receive information regarding Operations Division, including but not limited to the following:
  - Lake Cachuma Operations
  - Operation and Maintenance Activities
  
8. **UPDATE: FISH PASSAGE IMPROVEMENT PROJECTS**  
Receive information regarding the status of the Fish Passage Improvement Projects
  - Quiota Creek Crossing 0A
  - Quiota Creek Crossing 4
  
9. **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
  
10. **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
  
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. **2017 COMB REGULAR BOARD MEETING CALENDAR**  
Receive information regarding the time and place for 2017 Regular Board meetings
  
13. **RESOLUTION NO. 623 HONORING ADELLE CAPPONI ON HER RETIREMENT FROM COMB**  
Action: Recommend approval by motion and roll call vote of the Board
  
14. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**  

*The Board will take a brief recess for Refreshments*
  
15. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING AND POTENTIAL LITIGATION**
  - a. [Government Code Section 54956.9(d)(4)]  
Name of matter: Protest of Member Agency re: Payment of Assessment for Certain Fisheries Related Activities
  
  - b. [Government Code Section 54956.9(d)(2)]  
Name of matter: Alleged Access Rights to Ortega Ridge Road, Ocean View Estates Subdivision

**16. RECONVENE INTO OPEN SESSION**

[Government Code Section 54957.7]

Disclosure of actions taken in closed session, as applicable

[Government Code Section 54957.1]

- a. Protest of Member Agency re: Payment of Assessment for Certain Fisheries Related Activities
- b. Alleged Access Rights to Ortega Ridge Road, Ocean View Estates Subdivision

**17. MEETING SCHEDULE**

- **January 23, 2017 at 2:00 P.M., COMB Office**
- **Board Packages Available on COMB Website**  
[www.cachuma-board.org](http://www.cachuma-board.org)

**18. 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 SPECIAL MEETING  
of the  
CACHUMA OPERATION & MAINTENANCE BOARD**

**held at  
3301 Laurel Canyon Road, Santa Barbara, CA  
Friday, November 4, 2016**

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

The meeting was called to order at 11:00 a.m. by President Doug Morgan, who chaired the meeting. Those in attendance were:

**Directors present:**

Doug Morgan	Montecito Water District
Harwood "Bendy" White	City of Santa Barbara
Polly Holcombe	Carpinteria Valley Water District
Lauren Hanson	Goleta Water District

**Others Present:**

Janet Gingras	William Carter
Adelle Capponi	

**2. Public Comment**

There was no public comment.

**3. [Closed Session]: Conference with Legal Counsel: Existing and Potential Litigation**

The Board went into closed session at 11:01 a.m.

- a. [Government Code Section 54956.9(d)(4)]  
Name of matter: Protest of Member Agency re: Payment of Assessment for Certain Fisheries Related Activities

**4. 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 11:47 a.m.

- a. [Government Code Section 54956.9(d)(4)]  
Name of matter: Protest of Member Agency re: Payment of Assessment for Certain Fisheries Related Activities



There was no reportable action.

**5. Meeting Schedule**

- The next Regular Board meeting will be held November 28, 2016 at 2:00 p.m.
- The Agendas and Board Packets are available on the COMB Website at [www.cachuma-board.org](http://www.cachuma-board.org).

**6. COMB Adjournment**

There being no further business, the meeting was adjourned at 11:48 a.m.

Respectfully submitted,

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Janet Gingras, Secretary to the Board

**APPROVED:**

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Doug Morgan, President of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

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

**held at**  
3301 Laurel Canyon Road, Santa Barbara, CA  
**Monday, November 28, 2016**

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

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

**Directors present:**

W. Douglas Morgan	Montecito Water District
Harwood "Bendy" White	City of Santa Barbara
Polly Holcombe	Carpinteria Valley Water District
Lauren Hanson	Goleta Water District

**Others present:**

Janet Gingras	Phil Walker
Dave Stewart	Fray Crease
Adelle Capponi	Dale Francisco
Adriane Passani	Kelley Dyer
Tim Robinson	Dan Ellison
William Carter	Giana Magnoli

**2. Public Comment**

Phil Walker commented on the tour he gave to COMB's Operations Division personnel of the El Estero Wastewater Treatment Plant and the limited tour of the City of Santa Barbara desalination plant. He spoke to his continued concern about bank infiltration; and, downstream consequences should the projected rain not occur.

Janet introduced a new staff member, Adriane Passani, who is replacing Adelle Capponi who has announced her retirement.

President Morgan congratulated Polly Holcombe and Lauren Hanson for their re-election to their respective District Boards.

**3. Consent Agenda**

**a. Minutes**

October 24, 2016 Regular Board Meeting

**b. Investment Funds**

Financial Reports  
Investment Reports

**c. Review of Paid Claims**

Following a brief consideration, Director Holcombe moved to approve the Consent Agenda, seconded by Director Hanson. The motion passed 6/0/1 as follows:

**Ayes:** Morgan, White, Holcombe, Hanson

**Nays:** None

**Absent/Abstain:** Walsh

**4. Verbal Reports from Board Committees**

- *Operations Committee Meeting – November 17, 2016:* Director White reported on the items presented on the committee agenda. Three of those items are included on today's agenda for consideration and possible action. Dave Stewart presented a brief status summary on the Infrastructure Improvement Plan (IIP) projects. Lastly, Mr. Stewart provided the Board with an update on construction projects currently active within the USBR Right-of-Way (ROW).

**5. City of Santa Barbara Video Presentation: Lake Cachuma – 2016 Aerial Footage**

The Board received a video presentation of the September 2016 Lake Cachuma aerial footage taken by a drone and provided by the City of Santa Barbara.

**6. Lauro Stop Valve Replacement Project**

Details presented in the memo as included in the board packet were highlighted. Director White moved to approved Staff's recommendation to accept the bid proposal from Cushman Contracting Corporation, and to authorize the General Manager to execute the contract in an amount not-to-exceed \$70,750. Director White moved to approve as recommended, seconded by Director Holcombe; the motion passed 6/0/1 as follows:

**Ayes:** White, Holcombe, Hanson, Morgan

**Nays:** None

**Absent/Abstain:** Walsh

**7. Lateral I Meter Replacement Project: Lash Construction, Inc. Change Order Request**

Janet Gingras, General Manager, detailed the need for the change order as outlined in the memo included in the board packet. Following consideration, Director Holcombe moved to approve the Lash Construction, Inc. Change Order in an amount not-to-exceed \$9,759.24. Seconded by Director White, the motion passed 6/0/1 as follows:

**Ayes:** White, Holcombe, Hanson, Morgan

**Nays:** None

**Absent/Abstain:** Walsh

## **8. Lake Cachuma: Emergency Pumping Facility (EPF) Permanent Pipelines Project**

- *Emergency Pumping Facilities Long-Term Alternatives: HDR Engineering, Inc. Proposal:*

Ms. Janet Gingras, General Manager, introduced Dan Ellison of HDR Engineering Inc. (HDR), EPF Project Engineer, who has managed the Project since its inception. Mr. Ellison reviewed his previously delivered PowerPoint presentation, inclusive of updates to anticipated project costs and various other considerations, which shall continue to develop throughout the evolution of the Project.

Director Hanson asked that detailed alternative courses of action, as shown in the presentation, be provided in writing to the Board. Mr. Ellison offered to convert his presentation into memorandum form; and, Director Hanson further requested a matrix of such scenarios, including the reasoning behind not pursuing each alternative considered, as well as justification for the sole-sourcing of project engineering services. If necessary, she suggested, these might be addressed at a later Special Board meeting.

Following lengthy consideration, Director Holcombe moved approval of HDR's Proposal for tasks 100, 200 and 300 and to authorize the General Manager to execute a Professional Services Agreement for an amount not-to-exceed \$108,048. Seconded by Director White, the motion passed 4/2/1 as follows:

**Ayes:** White, Holcombe, Morgan

**Nayes:** Hanson

**Absent/Abstain:** Walsh

## **9. General Manager Report**

- *Santa Ynez River Flood Forecasting Model Workshop/Training Exercise*
- *CCWA Steering Committee Meeting*
- *Financials*
- *Operations Division*
- *Fisheries Division*

Ms. Janet Gingras, General Manager, highlighted topics within her report, as incorporated in the board packet, and responded to questions from the Board. With regard to the Fisheries Division reporting, Director White requested copies of the reports submitted to the Bureau of Reclamation (BOR) by Tim Robinson, Fisheries Division Manager, as appropriate.

## **10. Operations Division Report**

- *Lake Cachuma Operations*
- *Operation and Maintenance Activities*

Mr. Dave Stewart, Operations Division Manager, summarized the report and provided updates on all current operational tasks, repairs, and projects.

### **11. Update: Fish Passage Improvement Projects**

- *Quiota Creek Crossing 0A*: Mr. Robinson updated the Board on the progress of the Fish Passage Improvement Project. He stated the Crossing 0A Bridge was installed on November 3<sup>rd</sup> with final components including sealing, road rails, and hydro mulching to be completed before the project deadline of December 15, 2016.
- *Quiota Creek Crossing 4*: Mr. Robinson noted the Crossing 4 Bridge was installed on November 1st. Final components similar to Crossing 0A bridge will be performed with project completion expected prior to the deadline of December 15, 2016.

### **12. Fisheries Division Report**

- *LSYR Steelhead Monitoring Elements*
- *Tributary Project Updates*
- *Surcharge Water Accounting*
- *Reporting/Outreach/Training*

Mr. Robinson noted highlights of the report as presented in the board packet, offered further detail on recent Fisheries Division activities, and fielded questions from the Board.

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

- *Maintenance and Monitoring*

Mr. Robinson summarized the progress report on the Lake Cachuma Oak Tree Program and fielded questions from the Board.

### **14. Monthly Cachuma Project Reports**

The reports were included in the board packet for information.

### **15. Directors' Requests for Agenda Items for Future Meeting**

- Director White requested an assessment of the Intake Tower stability.
- Director Holcombe, echoing the specific concerns detailed in the discussion under Item 8 as raised by Director Hanson, requested to schedule a Special Board Meeting, if needed, to close the gap with regard to the proposed pipeline project.
- Director Hanson requested an update on the changed evaporation calculation made by the Bureau of Reclamation.

**16. [Closed Session]: Conference with Legal Counsel: Existing and Potential Litigation**

The Board went into closed session at 4:30pm.

- a. [Government Code Section 54956.9(d)(4)]  
Name of Matter: Protest of Member Agency re: Payment of Assessment for Certain Fisheries Related Activities
- b. [Government Code Section 54956.9(d)(2)]  
Name of Matter: Alleged Access Rights to Ortega Ridge Road, Ocean View Estates Subdivision

**17. 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 4:55 p.m.

- a. Protest of Member Agency re: Payment of Assessment for Certain Fisheries Related Activities
- b. Alleged Access Rights to Ortega Ridge Road, Ocean View Estates Subdivision

There was no reportable action.

**18. Meeting Schedule**

- The next Regular Board meeting will be held on December 19, 2016 2:00 p.m. NOTE: This is the 3<sup>rd</sup> Monday.
- The Agendas and Board Packets are available on the COMB website at [www.cachuma-board.org](http://www.cachuma-board.org)

**19. COMB Adjournment**

There being no further business, the meeting was adjourned at 4:56 p.m.

Respectfully submitted,

\_\_\_\_\_  
Janet Gingras, Secretary of the Board

**APPROVED:**

\_\_\_\_\_  
Doug Morgan, President of the Board

	<b><i>Approved</i></b>
√	<b><i>Unapproved</i></b>

**COMB**  
**Statement of Net Assets**

As of November 30, 2016  
UNAUDITED FINANCIALS

**ASSETS**

**Current Assets**

**Checking/Savings**

**TRUST FUNDS**

1210 · WARREN ACT TRUST FUND 713,592.52

1220 · RENEWAL FUND 63,087.61

**Total TRUST FUNDS** 776,680.13

1050 · GENERAL FUND 287,775.91

1100 · REVOLVING FUND 266,429.95

**Total Checking/Savings** 1,330,885.99

**Accounts Receivable**

1320 · Qrtly Assessments Receivable 1,061,880.00

**Total Accounts Receivable** 1,061,880.00

**Other Current Assets**

1010 · PETTY CASH 500.00

1200 · LAIF 1,312,865.55

1303 · Bradbury SOD Act Assmnts Rec 88,160.00

1304 · Lauro Dam SOD Assesmnt Rec 15,106.00

1400 · PREPAID INSURANCE 27,269.72

**Total Other Current Assets** 1,443,901.27

**Total Current Assets** 3,836,667.26

**Fixed Assets**

1500 · VEHICLES 436,876.93

1505 · OFFICE FURN & EQUIPMENT 440,652.20

1510 · MOBILE OFFICES 97,803.34

1515 · FIELD EQUIPMENT 559,852.38

1525 · PAVING 38,351.00

1550 · ACCUMULATED DEPRECIATION -1,367,626.55

**Total Fixed Assets** 205,909.30

**Other Assets**

1910 · LT Bradbury SOD Act Assess Rec 5,162,599.07

1920 · LT Lauro SOD Act Assess Rec 925,236.00

1922 · Deferred Outflows of Resources (GASB 68) 136,562.00

**Total Other Assets** 6,224,397.07

**TOTAL ASSETS** 10,266,973.63

**COMB**  
**Statement of Net Assets**

As of November 30, 2016  
UNAUDITED FINANCIALS

**LIABILITIES & NET ASSETS**

**Liabilities**

**Current Liabilities**

**Accounts Payable**

2200 · ACCOUNTS PAYABLE

147,334.87

**Total Accounts Payable**

147,334.87

**Other Current Liabilities**

Payroll-DepPrm Admin

182.31

Payroll-DepPrm FD

2.31

Payroll-DepPrm Ops

249.57

2505 · ACCRUED WAGES

68,307.79

2550 · VACATION/SICK

159,283.55

2560 · CACHUMA ENTITLEMENT

-15,834.78

2561 · BRADBURY DAM SOD ACT

88,160.66

2562 · SWRCB-WATER RIGHTS FEE

-46,896.64

2563 · LAURO DAM SOD ACT

15,106.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

776,680.13

**Total Other Current Liabilities**

1,132,248.90

**Total Current Liabilities**

1,279,583.77

**Long Term Liabilities**

2602 · LT SOD Act Liability-Bradbury

5,162,599.07

2603 · LT SOD Act Liability - Lauro

925,236.00

2604 · OPEB LT Liability

784,909.00

2605 · Loan Payable - EPFP

1,970,175.65

2610 · Net Pension Liability (GASB 68)

1,120,314.00

2611 · Deferred Inflows of Resources (GASB 68)

348,168.00

**Total Long Term Liabilities**

10,311,401.72

**Total Liabilities**

11,590,985.49

**NET POSITION**

3000 · Opening Bal Equity

-1,357,356.05

3901 · Retained Net Assets

-635,871.21

Net Income

669,215.40

**Total Net Assets**

-1,324,011.86

**TOTAL LIABILITIES & NET POSITION**

10,266,973.63



**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures**  
Budget vs. Actuals July 2016 - Jun 2017

	Fisheries			Operations			TOTAL		
	Jul - Nov 16	Budget	% of Budget	Jul - Nov 16	Budget	% of Budget	Jul - Nov 16	Budget	% of Budget
Income									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	586,972.00	1,305,904.00	44.95%	2,199,163.03	4,417,789.00	49.78%	2,786,135.03	5,723,693.00	48.68%
3006 - Warren Act	0.00	238,306.00	0.0%	0.00	0.00	0.0%	0.00	238,306.00	0.0%
3007 - Renewal Fund	0.00	52,872.00	0.0%	0.00	0.00	0.0%	0.00	52,872.00	0.0%
3009 - Pmts - Member Agencies - EPPP	0.00	611,708.79	0.0%	611,708.79	611,708.79	100.0%	611,708.79	611,708.79	100.0%
3010 - Interest Income	0.00	2,754.20	0.0%	2,754.20	2,754.20	100.0%	2,754.20	2,754.20	100.0%
3015 - Watershed Sanitary Survey	0.00	6,030.52	0.0%	6,030.52	6,030.52	100.0%	6,030.52	6,030.52	100.0%
3033 - Grant-QC Crossing # 0 (a&b)	0.00	671,635.00	0.0%	0.00	0.00	0.0%	0.00	671,635.00	0.0%
3034 - Grant-QC Crossing # 4	0.00	938,295.00	0.0%	0.00	0.00	0.0%	0.00	938,295.00	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%
<b>Total 3000 REVENUE</b>	<b>586,972.00</b>	<b>3,297,012.00</b>	<b>17.8%</b>	<b>2,819,656.54</b>	<b>4,417,789.00</b>	<b>63.83%</b>	<b>3,406,628.54</b>	<b>7,714,801.00</b>	<b>44.16%</b>
<b>Total Income</b>	<b>586,972.00</b>	<b>3,297,012.00</b>	<b>17.8%</b>	<b>2,819,656.54</b>	<b>4,417,789.00</b>	<b>63.83%</b>	<b>3,406,628.54</b>	<b>7,714,801.00</b>	<b>44.16%</b>
Gross Profit	586,972.00	3,297,012.00	17.8%	2,819,656.54	4,417,789.00	63.83%	3,406,628.54	7,714,801.00	44.16%
Expense									
PAYROLL									
Gross	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
Gross-FD	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
<b>Total PAYROLL</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>
3100 - LABOR - OPERATIONS	0.00	812,375.00	32.18%	261,420.99	812,375.00	32.18%	261,420.99	812,375.00	32.18%
3200 VEH & EQUIPMENT	0.00	30,000.00	48.02%	14,405.46	30,000.00	48.02%	14,405.46	30,000.00	48.02%
3201 - Vehicle/Equip Mtce	0.00	3,048.74	20.33%	3,048.74	15,000.00	20.33%	3,048.74	15,000.00	20.33%
3202 - Fixed Capital	0.00	728.78	14.58%	728.78	5,000.00	14.58%	728.78	5,000.00	14.58%
3203 - Equipment Rental	0.00	2,597.05	51.94%	2,597.05	5,000.00	51.94%	2,597.05	5,000.00	51.94%
3204 - Miscellaneous	0.00	20,780.03	37.78%	20,780.03	55,000.00	37.78%	20,780.03	55,000.00	37.78%
<b>Total 3200 VEH &amp; EQUIPMENT</b>	<b>0.00</b>	<b>30,000.00</b>	<b>48.02%</b>	<b>14,405.46</b>	<b>30,000.00</b>	<b>48.02%</b>	<b>14,405.46</b>	<b>30,000.00</b>	<b>48.02%</b>
3300 - CONTRACT LABOR	0.00	20,000.00	108.27%	21,654.68	20,000.00	108.27%	21,654.68	20,000.00	108.27%
3301 - Conduit, Meter, Valve & Misc	0.00	25,676.40	94.2%	25,676.40	27,257.00	94.2%	25,676.40	27,257.00	94.2%
3302 - Buildings & Roads	0.00	0.00	0.0%	0.00	7,257.00	0.0%	0.00	7,257.00	0.0%
3302-1 - UF FY 15/16 Ortega Underdrain	0.00	44,811.06	50.93%	44,811.06	87,983.00	50.93%	44,811.06	87,983.00	50.93%
3303 - Reservoirs	0.00	0.00	0.0%	0.00	-57,983.00	0.0%	0.00	-57,983.00	0.0%
3303-1 - UF FY-15/16 Ortega Underdrain	0.00	13,926.57	55.71%	13,926.57	25,000.00	55.71%	13,926.57	25,000.00	55.71%
3304 - Engineering, Misc Services	0.00	106,068.71	111.65%	106,068.71	95,000.00	111.65%	106,068.71	95,000.00	111.65%
<b>Total 3300 - CONTRACT LABOR</b>	<b>0.00</b>	<b>20,000.00</b>	<b>108.27%</b>	<b>21,654.68</b>	<b>20,000.00</b>	<b>108.27%</b>	<b>21,654.68</b>	<b>20,000.00</b>	<b>108.27%</b>
3400 - MATERIALS & SUPPLIES	0.00	65,000.00	1.37%	888.23	65,000.00	1.37%	888.23	65,000.00	1.37%
3401 - Conduit, Meter, Valve & Misc	0.00	1,875.23	12.5%	1,875.23	15,000.00	12.5%	1,875.23	15,000.00	12.5%
3402 - Buildings & Roads	0.00	1,652.07	16.52%	1,652.07	10,000.00	16.52%	1,652.07	10,000.00	16.52%
3403 - Reservoirs	0.00	4,415.53	4.91%	4,415.53	90,000.00	4.91%	4,415.53	90,000.00	4.91%
<b>Total 3400 - MATERIALS &amp; SUPPLIES</b>	<b>0.00</b>	<b>65,000.00</b>	<b>1.37%</b>	<b>888.23</b>	<b>65,000.00</b>	<b>1.37%</b>	<b>888.23</b>	<b>65,000.00</b>	<b>1.37%</b>
3500 - OTHER EXPENSES	0.00	7,000.00	42.77%	2,993.53	7,000.00	42.77%	2,993.53	7,000.00	42.77%
3501 - Utilities	0.00	696.84	13.94%	696.84	5,000.00	13.94%	696.84	5,000.00	13.94%
3502 - Uniforms	0.00	7,495.45	41.64%	7,495.45	18,000.00	41.64%	7,495.45	18,000.00	41.64%
3503 - Communications	0.00	680.12	17.0%	680.12	4,000.00	17.0%	680.12	4,000.00	17.0%
3504 - USA & Other Services	0.00	2,938.69	36.73%	2,938.69	8,000.00	36.73%	2,938.69	8,000.00	36.73%
3505 - Miscellaneous	0.00	1,035.76	34.53%	1,035.76	3,000.00	34.53%	1,035.76	3,000.00	34.53%
3506 - Training	0.00	15,840.39	35.2%	15,840.39	45,000.00	35.2%	15,840.39	45,000.00	35.2%
<b>Total 3500 - OTHER EXPENSES</b>	<b>0.00</b>	<b>7,000.00</b>	<b>42.77%</b>	<b>2,993.53</b>	<b>7,000.00</b>	<b>42.77%</b>	<b>2,993.53</b>	<b>7,000.00</b>	<b>42.77%</b>
4000 - Reconciliation Discrepancies	0.00	0.10	100.0%	0.10	0.00	100.0%	0.10	0.10	100.0%

**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures**  
Budget vs. Actuals July 2016 - Jun 2017

	Fisheries			Operations			TOTAL		
	Jul - Nov 16	Budget	% of Budget	Jul - Nov 16	Budget	% of Budget	Jul - Nov 16	Budget	% of Budget
4100 · LABOR - FISHERIES	263,705.24	623,119.00	42.32%	0.00			263,705.24	623,119.00	42.32%
4200 · VEHICLES & EQUIP - FISHERIES									
4270 · Vehicle/Equip Mtce	7,691.07	13,000.00	59.16%	0.00			7,691.07	13,000.00	59.16%
4280 · Fixed Capital	0.00	15,000.00	0.0%	0.00			0.00	15,000.00	0.0%
4290 · Miscellaneous	2,873.60	2,500.00	114.94%	0.00			2,873.60	2,500.00	114.94%
<b>Total 4200 · VEHICLES &amp; EQUIP - FISHERIES</b>	<b>10,564.67</b>	<b>30,500.00</b>	<b>34.64%</b>	<b>0.00</b>			<b>10,564.67</b>	<b>30,500.00</b>	<b>34.64%</b>
4220 · CONTRACT LABOR - FISHERIES									
4221 · Meters & Valves	0.00	3,000.00	0.0%	0.00			0.00	3,000.00	0.0%
4222 · Fish Projects Maintenance	0.00	25,000.00	0.0%	0.00			0.00	25,000.00	0.0%
<b>Total 4220 · CONTRACT LABOR - FISHERIES</b>	<b>0.00</b>	<b>28,000.00</b>	<b>0.0%</b>	<b>0.00</b>			<b>0.00</b>	<b>28,000.00</b>	<b>0.0%</b>
4300 · MATERIALS/SUPPLIES - FISHERIES									
4390 · Miscellaneous	1,374.95	7,000.00	19.64%	0.00			1,374.95	7,000.00	19.64%
<b>Total 4300 · MATERIALS/SUPPLIES - FISHERIES</b>	<b>1,374.95</b>	<b>7,000.00</b>	<b>19.64%</b>	<b>0.00</b>			<b>1,374.95</b>	<b>7,000.00</b>	<b>19.64%</b>
4500 · OTHER EXPENSES - FISHERIES									
4502 · Uniforms	191.97	2,500.00	7.68%	0.00			191.97	2,500.00	7.68%
<b>Total 4500 · OTHER EXPENSES - FISHERIES</b>	<b>191.97</b>	<b>2,500.00</b>	<b>7.68%</b>	<b>0.00</b>			<b>191.97</b>	<b>2,500.00</b>	<b>7.68%</b>
4999 · GENERAL & ADMINISTRATIVE									
5000 · Director Fees									
5001 · Director Mileage	0.00			257.07	2,000.00	12.85%	257.07	2,000.00	12.85%
5000 · Director Fees - Other	0.00			3,660.80	11,000.00	33.28%	3,660.80	11,000.00	33.28%
<b>Total 5000 · Director Fees</b>	<b>0.00</b>			<b>3,917.87</b>	<b>13,000.00</b>	<b>30.14%</b>	<b>3,917.87</b>	<b>13,000.00</b>	<b>30.14%</b>
5100 · Legal									
5101-1 · Audit	0.00			26,205.15	75,000.00	34.94%	26,205.15	75,000.00	34.94%
5150 · Unemployment Tax	0.00			5,432.05	20,000.00	27.16%	5,432.05	20,000.00	27.16%
5200 · Liability Insurance	0.00			0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
5310 · Postage/Office Exp	0.00			40,384.50	45,955.00	87.88%	40,384.50	45,955.00	87.88%
5311 · Office Equip/Leases	0.00			2,643.25	5,000.00	52.87%	2,643.25	5,000.00	52.87%
5312 · Misc Admin Expenses	0.00			3,319.93	8,000.00	41.5%	3,319.93	8,000.00	41.5%
5313 · Communications	0.00			5,918.87	7,150.00	82.78%	5,918.87	7,150.00	82.78%
5314 · Utilities	0.00			3,756.15	8,500.00	44.19%	3,756.15	8,500.00	44.19%
5315 · Membership Dues	0.00			3,246.99	9,737.00	33.35%	3,246.99	9,737.00	33.35%
5316 · Admin Fixed Assets	0.00			7,582.25	8,000.00	94.78%	7,582.25	8,000.00	94.78%
5317 · Admin Contract Labor A&I	0.00			1,743.70	3,000.00	58.12%	1,743.70	3,000.00	58.12%
5318 · Computer Consultant	0.00			2,621.65	22,000.00	11.92%	2,621.65	22,000.00	11.92%
5325 · Emp Training/Subscriptions	0.00			3,915.60	15,000.00	26.1%	3,915.60	15,000.00	26.1%
5330 · Admin Travel/Conferences	0.00			1,161.06	2,000.00	58.05%	1,161.06	2,000.00	58.05%
5331 · Public Information	0.00			723.76	2,000.00	36.19%	723.76	2,000.00	36.19%
5391 · Admin Contract Labor AA I	0.00			24.69	1,000.00	2.47%	24.69	1,000.00	2.47%
<b>Total 4999 · GENERAL &amp; ADMINISTRATIVE</b>	<b>0.00</b>			<b>114,085.06</b>	<b>269,942.00</b>	<b>42.26%</b>	<b>114,085.06</b>	<b>269,942.00</b>	<b>42.26%</b>
5299 · ADMIN LABOR									
5400 · GENERAL & ADMIN - FISHERIES									
5407 · Legal - FD	4,491.90	20,000.00	22.46%	0.00			4,491.90	20,000.00	22.46%
5410 · Postage / Office Supplies	1,710.48	2,000.00	85.52%	0.00			1,710.48	2,000.00	85.52%
5411 · Office Equipment/ Leases	1,787.61	5,218.00	34.26%	0.00			1,787.61	5,218.00	34.26%
5412 · Misc. Admin Expense	1,866.09	4,870.00	38.32%	0.00			1,866.09	4,870.00	38.32%
5413 · Communications	2,293.02	4,305.00	53.26%	0.00			2,293.02	4,305.00	53.26%
5414 · Utilities	1,748.37	5,243.00	33.35%	0.00			1,748.37	5,243.00	33.35%
5415 · Membership Dues	4,273.50	4,000.00	106.84%	0.00			4,273.50	4,000.00	106.84%
5416 · Admin Fixed Assets	938.92	3,000.00	31.3%	0.00			938.92	3,000.00	31.3%
5417 · Admin Contract Labor A&I	1,411.65	12,000.00	11.76%	0.00			1,411.65	12,000.00	11.76%
5418 · Computer Consultant	2,108.40	5,000.00	42.17%	0.00			2,108.40	5,000.00	42.17%
<b>Total 5299 · ADMIN LABOR</b>	<b>0.00</b>			<b>184,079.37</b>	<b>484,222.00</b>	<b>38.02%</b>	<b>184,079.37</b>	<b>484,222.00</b>	<b>38.02%</b>
5407 · Legal - FD									
5410 · Postage / Office Supplies									
5411 · Office Equipment/ Leases									
5412 · Misc. Admin Expense									
5413 · Communications									
5414 · Utilities									
5415 · Membership Dues									
5416 · Admin Fixed Assets									
5417 · Admin Contract Labor A&I									
5418 · Computer Consultant									

Cachuma Operation & Maintenance Board  
Statement of Revenues and Expenditures  
Budget vs. Actuals July 2016 - Jun 2017

	Fisheries			Operations			TOTAL		
	Jul - Nov 16	Budget	% of Budget	Jul - Nov 16	Budget	% of Budget	Jul - Nov 16	Budget	% of Budget
5425 - Employee Education/Subsription	1,158.47	2,500.00	46.34%	0.00	0.00		1,158.47	2,500.00	46.34%
5426 - Director Fees	1,971.20	6,000.00	32.85%	0.00	0.00		1,971.20	6,000.00	32.85%
5427 - Director Mileage	138.41	1,000.00	13.84%	0.00	0.00		138.41	1,000.00	13.84%
5430 - Travel	71.07	2,500.00	2.84%	0.00	0.00		71.07	2,500.00	2.84%
5431 - Public Information	513.30	1,500.00	34.22%	0.00	0.00		513.30	1,500.00	34.22%
5441 - Audt	2,924.95	6,300.00	46.43%	0.00	0.00		2,924.95	6,300.00	46.43%
5443 - Liab & Property Ins	21,745.50	24,745.00	87.88%	0.00	0.00		21,745.50	24,745.00	87.88%
5491 - Admin Contract Labor AA I	801.01	10,600.00	7.56%	0.00	0.00		801.01	10,600.00	7.56%
<b>Total 5400 - GENERAL &amp; ADMIN - FISHERIES</b>	<b>51,953.85</b>	<b>120,781.00</b>	<b>43.02%</b>	<b>0.00</b>	<b>0.00</b>		<b>51,953.85</b>	<b>120,781.00</b>	<b>43.02%</b>
5499 - ADMIN LABOR-FISHERIES	68,915.22	202,112.00	34.1%	0.00	0.00		68,915.22	202,112.00	34.1%
5510 - Integrated Reg. Water Mgt Plan	0.00	0.00		1,343.00	5,000.00	26.86%	1,343.00	5,000.00	26.86%
6000 - SPECIAL PROJECTS									
6062 - SCADA	0.00	0.00		1,302.92	20,000.00	6.52%	1,302.92	20,000.00	6.52%
6090 - COMB Office Building	0.00	0.00		0.00	150,000.00	0.0%	0.00	150,000.00	0.0%
6096 - SCC Structure Rehabilitation	0.00	0.00		0.00	240,000.00	0.0%	0.00	240,000.00	0.0%
6097 - GIS and Mapping	0.00	0.00		4,847.00	10,000.00	48.47%	4,847.00	10,000.00	48.47%
6100 - Watershed Sanitary Survey	0.00	0.00		35,481.20	35,481.20	100.0%	35,481.20	35,481.20	100.0%
6100-1a - Watershed Sanitary Survey-C/O	0.00	0.00		0.00	-35,481.20	0.0%	0.00	-35,481.20	0.0%
6105 - ROW Management Program	0.00	0.00		1,440.00	20,000.00	7.2%	1,440.00	20,000.00	7.2%
6109 - NP Jet Flow Control Valve	0.00	0.00		0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
6111 - Mission Crk Pipe Temp Repair	0.00	0.00		0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
6118 - Repair Lateral 3 Structure	0.00	0.00		18,619.25	100,000.00	18.62%	18,619.25	100,000.00	18.62%
6120 - Emergency Pumping Fac Project	0.00	0.00		574,317.21	1,846,250.00	31.11%	574,317.21	1,846,250.00	31.11%
6130 - NP Slope Stabilization	0.00	0.00		8,973.75	82,668.20	10.86%	8,973.75	82,668.20	10.86%
6130-1 - NP Slope Stabil C/O Funds FY 16	0.00	0.00		0.00	-82,668.20	0.0%	0.00	-82,668.20	0.0%
6131 - Lauro Diversion Valve Install	0.00	0.00		0.00	75,000.00	0.0%	0.00	75,000.00	0.0%
<b>Total 6000 - SPECIAL PROJECTS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>644,981.33</b>	<b>2,561,250.00</b>	<b>25.18%</b>	<b>644,981.33</b>	<b>2,561,250.00</b>	<b>25.18%</b>
6200 - FISHERIES ACTIVITIES									
6201 - FMP Implementation	2,405.16	58,800.00	4.09%	0.00	0.00		2,405.16	58,800.00	4.09%
6202 - GIS and Mapping	3,047.00	10,000.00	30.47%	0.00	0.00		3,047.00	10,000.00	30.47%
6203 - Grants Technical Support	0.00	0.00	0.0%	0.00	0.00		0.00	0.00	0.0%
6204 - SYR Hydrology Technical Support	0.00	8,000.00	0.0%	0.00	0.00		0.00	8,000.00	0.0%
6205 - USGS Stream Gauge Program	19,525.00	77,000.00	25.36%	0.00	0.00		19,525.00	77,000.00	25.36%
6206 - Tri County Fish Team Funding	0.00	5,000.00	0.0%	0.00	0.00		0.00	5,000.00	0.0%
6207 - Oak Tree Restoration Program	1,141.35	80,000.00	1.43%	0.00	0.00		1,141.35	80,000.00	1.43%
<b>Total 6200 - FISHERIES ACTIVITIES</b>	<b>26,118.51</b>	<b>238,800.00</b>	<b>10.94%</b>	<b>0.00</b>	<b>0.00</b>		<b>26,118.51</b>	<b>238,800.00</b>	<b>10.94%</b>
6300 - HABITAT ENHANCEMENT									
6303 - Tributary Projects Support	1,585.30	20,000.00	7.93%	0.00	0.00		1,585.30	20,000.00	7.93%
6312 - Quiota Creek Crossing 0 (a&b)	380,468.59	840,000.00	45.29%	0.00	0.00		380,468.59	840,000.00	45.29%
6314 - Quiota Creek Crossing 4	548,299.84	1,120,000.00	48.96%	0.00	0.00		548,299.84	1,120,000.00	48.96%
6315 - Quiota Creek Crossing 8	0.00	24,200.00	0.0%	0.00	0.00		0.00	24,200.00	0.0%
6316 - Quiota Creek Crossing 5	3,401.65	30,000.00	11.34%	0.00	0.00		3,401.65	30,000.00	11.34%
6317 - Salspuedes Fish Ladder Repair	0.00	10,000.00	0.0%	0.00	0.00		0.00	10,000.00	0.0%
<b>Total 6300 - HABITAT ENHANCEMENT</b>	<b>933,755.38</b>	<b>2,044,200.00</b>	<b>45.68%</b>	<b>0.00</b>	<b>0.00</b>		<b>933,755.38</b>	<b>2,044,200.00</b>	<b>45.68%</b>
7007 - INTEREST EXPENSE-EPPP	0.00	0.00		27,818.84	0.00		27,818.84	0.00	100.0%
<b>Total Expense</b>	<b>1,356,579.79</b>	<b>3,297,012.00</b>	<b>41.15%</b>	<b>1,380,833.35</b>	<b>4,417,789.00</b>	<b>31.26%</b>	<b>2,737,413.14</b>	<b>7,714,801.00</b>	<b>35.48%</b>
<b>Net Income</b>	<b>-769,607.79</b>	<b>0.00</b>	<b>100.0%</b>	<b>1,438,823.19</b>	<b>0.00</b>	<b>100.0%</b>	<b>669,215.40</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)  
 December 01,  
 2016

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Account Number:

Tran Type Definitions

November 2016 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
11/9/2016	11/8/2016	RW	1520276	JANET GINGRAS	-500,000.00

Account Summary

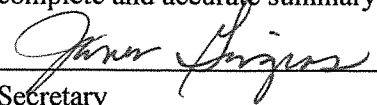
Total Deposit:	0.00	Beginning Balance:	1,812,865.55
Total Withdrawal:	-500,000.00	Ending Balance:	1,312,865.55

**MEMO TO:** Board of Directors  
 Cachuma Operation & Maintenance Board

**FROM:** Janet Gingras, Secretary

**SUBJECT:** COMB INVESTMENT POLICY

The above statement of investment activity for the month of November, 2016, 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

# AMERICAN RIVIERA BANK

P.O. Box 329, Santa Barbara, California 93102  
805-965-5942 www.americanrivierabank.com

PAGE 1

CACHUMA OPERATION AND MAINTENANCE BOARD  
RENEWAL ACCOUNT  
3301 LAUREL CANYON RD  
SANTA BARBARA CA 93105-2017

RECEIVED

DEC 06 2016

CACHUMA O&M BOARD

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ACCOUNT ANALYSIS CHECKING

ACCOUNT NO  
STATEMENT DATE 11/30/2016  
LAST STATEMENT DATE 10/31/2016

0	STATEMENT PERIOD	
PREVIOUS BALANCE	63,087.61	# OF DAYS-STMT PERIOD 30
0 DEPOSITS/CREDITS	0.00	
0 CHECKS/WITHDRAWALS	0.00	AVERAGE BALANCE 63,087.61
ENDING BALANCE	63,087.61	
TOTAL SRV CHG TODAY	0.00	YTD INTEREST 0.00

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**MEMO TO:** Board of Directors  
Cachuma Operation & Maintenance Board

**FROM:** Janet Gingras, Secretary

**SUBJECT:** COMB INVESTMENT POLICY

The above statement of investment activity for the month of November, 2016, 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 American Riviera Bank investments of this agency for the period indicated.

  
Secretary

# AMERICAN RIVIERA BANK

P.O. Box 329, Santa Barbara, California 93102  
805-965-5942 www.americanrivierabank.com

PAGE 1

CACHUMA OPERATION AND MAINTENANCE BOARD  
WARREN ACCT TRUST FUND  
3301 LAUREL CANYON RD  
SANTA BARBARA CA 93105-2017

RECEIVED

DEC 06 2016

CACHUMA O&M BOARD

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ACCOUNT ANALYSIS CHECKING

ACCOUNT NO  
STATEMENT DATE 11/30/2016  
LAST STATEMENT DATE 10/31/2016

0	STATEMENT PERIOD		
PREVIOUS BALANCE	713,592.52	# OF DAYS-STMT PERIOD	30
0 DEPOSITS/CREDITS	0.00		
0 CHECKS/WITHDRAWALS	0.00	AVERAGE BALANCE	713,592.52
ENDING BALANCE	713,592.52		
TOTAL SRV CHG TODAY	0.00	YTD INTEREST	0.00

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**MEMO TO:** Board of Directors  
Cachuma Operation & Maintenance Board

**FROM:** Janet Gingras, Secretary

**SUBJECT:** COMB INVESTMENT POLICY

The above statement of investment activity for the month of November, 2016, 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 American Riviera Bank investments of this agency for the period indicated.

  
Secretary

Cachuma Operation & Maintenance Board  
**Paid Claims**  
As of November 30, 2016

Date	Num	Name	Memo	Amount
<b>1050 - GENERAL FUND</b>				
11/04/2016	24917	City of Santa Barbara-Finance Dept.	Retention Disbursement-Prop 84 Grant-EPFP	-24,399.67
11/04/2016	24918	Goleta Water Dist.	Retention Disbursement-Prop 84 Grant-EPFP	-27,492.43
11/10/2016	24919	Agri-Turf Supplies, Inc.	Soil (Fish Div)	-100.44
11/10/2016	24920	Aqua-Flo Supply	Silt fencing Xng 0a & Xng 4 (Fish Div)	-726.57
11/10/2016	24921	Assoc. of California Water Agencies	2017 Agency Dues	-11,030.00
11/10/2016	24922	Association of Ca Water Agencies/JPIA	Dec Health Benefits coverage	-22,218.90
11/10/2016	24923	AT&T	Oct charges	-747.73
11/10/2016	24924	Business Card	Office supplies/Seminars/PAPA training	-1,828.43
11/10/2016	24925	City of Santa-Barbara	Trash/Recycle-Oct 2016	-218.67
11/10/2016	24926	County of SB Planning & Development	Land Use Permit Xng 0a-Oct staff labor (Fish Div)	-538.53
11/10/2016	24927	County Sanitation Co., Inc.	Video/inspect Ortega Reservoir (Ops Div)	-2,475.00
11/10/2016	24928	Cox Communications Santa Barbara	Business internet-Nov	-195.00
11/10/2016	24929	Culligan of Sylmar	Monthly RO system-Nov	-25.95
11/10/2016	24930	Cushman Contracting Corp.	Emerg Pumping System: Pay Req#30-Phase II	-124,000.00
11/10/2016	24931	ECHO Communications	Monthly answering service	-66.80
11/10/2016	24932	Farm Supply Company	Straw wattle/safety fence/T-post-Xng 0a & 4 (Fish Div)	-874.71
11/10/2016	24933	Flowers & Associates, Inc.	Engineering services-Lat 3A Abandonment-Sep (Ops Div)	-3,981.00
11/10/2016	24934	Frontier Communications	Main office/outlying stations/SCADA	-1,167.62
11/10/2016	24935	Fugro Consultants, Inc.	Geotechnical Engineering services-Xng 0a & 4 & Construction Materials testing-Xng 4-Sep/Oct (Fish Div)	-7,605.43
11/10/2016	24936	Harrison Hardware	Staple gun/fencing/guard barriers/tree protection-cable ties/netting/paint brushes/misc items (Fish Div)	-361.66
11/10/2016	24937	Harwood White	Oct mtg fees	-264.95
11/10/2016	24938	Home Depot Credit Services	Misc tools/batteries (Ops Div)	-205.83
11/10/2016	24939	J&C Services	Ofc cleaning services-Sep	-440.00
11/10/2016	24941	Lauren W. Hanson	Oct mtg fees	-266.80
11/10/2016	24942	MarBorg Industries	Portable toilets-outlying stations	-241.47
11/10/2016	24943	Musick, Peeler & Garrett LLP	General Counsel-Sep	-11,224.00
11/10/2016	24944	Nestle Pure Life Direct	Sep-5 gal disp. (PPE criteria)	-74.68
11/10/2016	24945	O'Reilly Automotive, Inc.	Clips to attach bumper (Ops Div)	-2.69
11/10/2016	24946	Orchard Business/SYNCB	Marking paint (Fish Div) stakes/sealing tap (Ops Div)	-22.83
11/10/2016	24947	Paychex, Inc.	Oct payrolls/taxes/deliveries	-324.46
11/10/2016	24948	Peter Lapidus Construction, Inc.	Pay Req #2-Xng 0A and 4 (Fish Div)	-353,994.70
11/10/2016	24949	Polly Holcombe	Oct mtg fees	-286.55
11/10/2016	24950	Powell Garage	Oil/brake service-F-550 (Ops Div)	-675.37
11/10/2016	24951	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-66.38
11/10/2016	24952	Premiere Global Services	Conf calls-Oct	-42.20
11/10/2016	24953	Prudential Overall Supply	Mats/scrapers-Oct	-150.84
11/10/2016	24954	Scott Volan	Reimb-Mileage-bridge inspect/refreshments-QC Xng 4 (Fish Div)	-231.89
11/10/2016	24955	Southern California Edison	Outlying stations	-49.66
11/10/2016	24956	SWRCB-DWOCP	D2 Distribution Certification (DS) (Ops Div)	-80.00
11/10/2016	24957	Tri-Co Reprographics	Copies-QC Xng 0a (Fish Div)	-114.44
11/10/2016	24958	Underground Service Alert of So. Calif.	57 Ticket charges	-85.50
11/10/2016	24959	W. Douglas Morgan	Oct mtg fees	-138.80
11/10/2016	24960	Wright Express Fleet Services	Fleet fuel	-2,140.68
11/10/2016	24961	Select Staffing	Admin Secretary/Admin Assistant II	-3,962.61
11/10/2016	24962	Pacific Coast Jiffy Lube	Service-Chev 1500 (Ops Div)	-109.89
11/10/2016	24963	Southern California Edison	Main office/outlying stations	-1,131.42
11/10/2016	24964	Trenchalk Network Services, Inc.	IT services-Oct	-1,326.00
11/10/2016	24965	Verizon Wireless	Modems (Ops Div)	-152.06
11/17/2016	24966	American Riviera Bank (ARB)	Principal/Interest pymt #4-Nov	-38,477.96
11/17/2016	24967	Buena Tool Co.	Gas cans (Ops Div)	-252.34
11/17/2016	24968	California Special Districts Association	Membership due 2016	-300.00

Cachuma Operation & Maintenance Board  
**Paid Claims**  
As of November 30, 2016

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
11/17/2016	24969	Coastal Copy, LP	Copier mtce agmts	-236.42
11/17/2016	24970	CONTECH Engineered Solutions, LLC	Bridge -Quiota Creek Xng 4 and 0A (Fish Div)	-217,200.48
11/17/2016	24971	Filippin Engineering, Inc.	Construction Observation-Quiota Creek Xng 4 and 0A -Oct (Fish Div)	-9,439.50
11/17/2016	24972	HDR Engineering, Inc.	Engineering services/BO/FMP Fish Monitoring/ Habitat Improvements/Quiota Xng 0a, 4 & 5-Sep/Oct	-43,339.77
11/17/2016	24973	Ian's Tire & Auto Repair	Tires/Alignment/balancing-06 Ford Ranger	-702.93
11/17/2016	24974	Krazan & Associates, Inc.	QCX#0A Bridge construction testing/inspection	-2,227.50
11/17/2016	24975	Lash Construction, Inc.	Ortega Ridge-valve/meter replacement	-8,200.00
11/17/2016	24976	Manzanita Nursery	Oak Trees/replacement (Fish Div)	-648.00
11/17/2016	24977	Southern California Edison	Outlying station	-25.64
11/17/2016	24978	State Board of Equalization	Water Rights Fee (annual) 7/1/16-6/30/2017	-46,896.64
11/17/2016	24979	The Gas Company	Gas-main office	-4.30
11/17/2016	24980	ULINE	3" Brass stencils (Ops Div)	-74.34
11/17/2016	24981	Select Staffing	Admin. Assistant II	-685.29
Total 1050 - GENERAL FUND				<u>-976,572.35</u>
<b>TOTAL</b>				<b><u>-976,572.35</u></b>



# CACHUMA OPERATION & MAINTENANCE BOARD

## Administrative Committee Meeting

3301 Laurel Canyon Road  
Santa Barbara, CA 93105

**Friday, December 9, 2016**  
**10:00 AM**

### AGENDA

1. Call to Order
2. Public Comment (Public may address the Committee on any subject matter not on the agenda and within the Committee's jurisdiction)
3. COMB Draft Financial Audit Report as of June 30, 2016 (*for information and possible recommendation*)
4. Fiscal Year 2015-16 Unexpended Funds (*for information and possible recommendation*)
5. Adjournment

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	December 19, 2016
Submitted by:	Janet Gingras

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**SUBJECT:** Draft Annual Financial Audit Report as of June 30, 2016

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**SUMMARY:**

Annually, in compliance with the Governmental Accounting Standards Board (GASB), COMB issues an independently-audited financial report to communicate detailed information about its financial condition and operating results over the past fiscal year. For review and consideration, attached is the Draft Annual Financial Audit Report as of June 30, 2016 and the Independent Auditors Report prepared by COMB's Auditor, Bartlett, Pringle & Wolf, LLP. The auditors have rendered an unmodified (clean) opinion, concluding there are no management concerns or reportable conditions affiliated with the audit. The substantive portions of the Draft Financial Audit and the Notes to the Financial Statement will be brought to your attention during the presentation by the auditors.

**COMMITTEE STATUS:**

The Administrative Committee reviewed the Draft Annual Financial Audit Report as of June 30, 2016 and forwards to the Board of Directors with a recommendation to receive and file.

**RECOMMENDATION:**

The Board of Directors receives and files the COMB Annual Financial Audit Report as of June 30, 2016.

**LIST OF EXHIBITS:**

1. Letter to those Charged with Governance
2. Draft Annual Financial Audit Report as of June 30, 2016

December 19, 2016

Board of Directors  
Cachuma Operations and Maintenance Board  
3301 Laurel Canyon Road  
Santa Barbara, CA 93105-2017

We are pleased to present this letter related to our audit of the financial statements of Cachuma Operations and Maintenance Board (COMB) for the year ended June 30, 2016. This letter summarizes certain matters required by professional standards to be communicated to you in your oversight responsibility for Cachuma Operations and Maintenance Board's financial reporting process.

The following summarizes various matters which must be communicated to you under auditing standards generally accepted in the United States of America.

### **Our Responsibilities with regard to the Financial Statement Audit**

Our responsibilities under auditing standards generally accepted in the United States of America have been described to you in our arrangement letter dated July 11, 2016, which includes communication regarding the planned scope and timing of our audit and our identification of a planned audit response to significant risks of material misstatement. The audit of the financial statements does not relieve management or those charged with governance of their responsibilities which are also described in that letter.

### **Accounting Policies and Practices**

#### *Preferability of Accounting Policies and Practices*

Under generally accepted accounting principles, in certain circumstances, management may select among alternative accounting practices. In our view, in such circumstances, management has selected the preferable accounting practice.

#### *Alternative Treatments within Generally Accepted Accounting Principles Discussed with Management*

We did not discuss with management any alternative treatments within generally accepted accounting principles for accounting policies and practices related to material items during the current audit period.

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*Adoption of, or Change in, Accounting Policies*

Management has the ultimate responsibility for the appropriateness of the accounting policies used by COMB. During the year, COMB adopted the following accounting policies:

Statement No. 68 *Accounting and Financial Reporting for Pensions—an amendment of Statement No. 72 Fair Value Measurement and Application*. This Statement will enhance comparability of financial statements among governments by requiring measurement of certain assets and liabilities at fair value using a consistent and more detailed definition of fair value and accepted valuation techniques. This Statement also will enhance fair value application guidance and related disclosures in order to provide information to financial statement users about the impact of fair value measurements on a government’s financial position. The provisions of this Statement are effective for financial statements for fiscal years beginning after June 15, 2015.

Statement No. 73 *Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68*. The requirements of this Statement for pension plans that are within the scope of Statement 68 are effective for fiscal years beginning after June 15, 2015. This Statement clarifies the application of certain provisions of Statements 67 and 68 with regard to the following issues:

1. Information that is required to be presented as notes to the 10-year schedules of required supplementary information about investment-related factors that significantly affect trends in the amounts reported.
2. Accounting and financial reporting for separately financed specific liabilities of individual employers and non-employer contributing entities for defined benefit pensions.
3. Timing of employer recognition of revenue for the support of non-employer contributing entities not in a special funding situation.

Statement No. 76 *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. This Statement will identify, in the context of the current governmental financial reporting environment, the hierarchy of generally accepted accounting principles (GAAP). The “GAAP hierarchy” consists of the sources of accounting principles used to prepare financial statements of state and local governmental entities in conformity with GAAP and the framework for selecting those principles. This Statement reduces the GAAP hierarchy to two categories of authoritative GAAP and addresses the use of authoritative and non-authoritative literature in the event that the accounting treatment for a transaction or other event is not specified within a source of authoritative GAAP. This Statement supersedes Statement No. 55, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. The requirements of this Statement are effective for financial

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statements for periods beginning after June 15, 2015, and should be applied retroactively.

*Significant or Unusual Transactions*

We did not identify any significant or unusual transactions or significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

*Management's Judgments and Accounting Estimates*

Accounting estimates are an integral part of the preparation of financial statements and are based upon management's current judgment. The process used by management encompasses their knowledge and experience about past and current events and certain assumptions about future events. You may wish to monitor throughout the year the process used to compute and record these accounting estimates. The following describes the significant accounting estimates reflected in the COMB's June 30, 2016 financial statements:

- Estimation of the liability to the Bureau of Reclamation for the construction on Bradbury Dam and Lauro Dam under the Safety of Dams Act - The liability at June 30, 2016 is estimated by adding fifteen percent of the construction cost in excess of the original repayment contract amount to the liability under the original repayment contract, less principal payments to the Bureau of Reclamation. The final liability amount will be based on the final repayment contract amount negotiated with the Bureau of Reclamation.
- Estimation of Other Post Employment Benefit Obligations - The Annual Required Contribution and Actuarial Accrued Liability at June 30, 2016 is estimated based on independent actuarial valuation performed by Total Compensation Systems, Inc.
- Depreciation - Depreciation for fixed assets is taken on a straight-line basis over the expected life of each fixed asset. This method meets the generally accepted accounting principles requirement of being systematic and rational.
- Net Pension Liability - In accordance with GASB Statement No. 68, each participating cost-sharing employer is required to report its proportionate share of the collective net pension liability, pension expense, and deferred outflows/inflows of resources. CalPERS actuaries calculated these amounts in accordance with the parameters of GASB 68.

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### **Audit Adjustments**

Audit adjustments recorded by COMB are as follows:

- \$31,190 to adjust accrued vacation to actual at year end.

### **Uncorrected Misstatements**

We are not aware of any uncorrected misstatements other than misstatements that are clearly trivial.

### **Disagreements with Management**

We encountered no disagreements with management over the application of significant accounting principles, the basis for management's judgments on any significant matters, the scope of the audit, or significant disclosures to be included in the financial statements.

### **Consultations with Other Accountants**

We are not aware of any consultations management had with other accountants about accounting or auditing matters.

### **Significant Issues Discussed with Management**

No significant issues arising from the audit were discussed or were the subject of correspondence with management.

### **Difficulties Encountered in Performing the Audit**

We did not encounter any difficulties in dealing with management during the audit.

### **Letter Communicating Internal Control Matters**

We have separately communicated internal control matters identified during our audit of the financial statements in a separate letter dated December 19, 2016.

### **Certain Written Representations between Management and Our Firm**

In conjunction with the audit of the financial statements, we have been provided a letter of certain representations from management dated December 19, 2016.

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Board of Directors  
Cachuma Operations and Maintenance Board  
December 19, 2016  
Page 5

**Conclusion**

This letter is intended solely for the information and use of the Board of Directors and management and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

**BARTLETT, PRINGLE & WOLF, LLP**  
*Certified Public Accountants and Consultants*

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**CACHUMA OPERATION  
AND MAINTENANCE BOARD  
JUNE 30, 2016 AND 2015  
FINANCIAL STATEMENTS**



**BARTLETT, PRINGLE & WOLF, LLP**  
CERTIFIED PUBLIC ACCOUNTANTS AND CONSULTANTS

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# CACHUMA OPERATION AND MAINTENANCE BOARD

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## INDEPENDENT AUDITOR'S REPORT

### **To the Board of Directors of Cachuma Operation and Maintenance Board**

#### **Report on the Financial Statements**

We have audited the accompanying statement of net position of Cachuma Operation and Maintenance Board ("COMB") as of June 30, 2016 and 2015 and the related statements of revenues, expenses and changes in net position and cash flows for the years then ended and the related notes to the financial statements, which collectively comprise COMB's basic financial statements as listed in the table of contents.

#### **Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America as well as the accounting systems prescribed by the State Controller's Office and state regulations governing special districts; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### **Auditor's Responsibility**

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America, the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, and the State Controller's *Minimum Audit Requirements for California Special Districts*. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the net financial position of the Cachuma Operation and Maintenance Board, as of June 30, 2016 and 2015, and the changes in net position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America, as well as the accounting systems prescribed by the State Controller's Office and state regulations governing special districts.

## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the Management Discussion and Analysis on pages 4 through 12, the California Public Employees' Retirement System - Schedule of Cachuma Operation and Maintenance Board's Proportionate Share of the Net Pension Liability on page 47, California Public Employees' Retirement System - Schedule of Cachuma Operation and Maintenance Board's Contributions on page 48, and Other Post-Employment Benefits (OPEB) Plan - Schedule of Funding Progress on page 49 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Supplementary Information*

Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise COMB's basic financial statements. The supplemental schedule of operation and maintenance, general and administrative and other maintenance expense on pages 50 through 51 is presented for the purpose of additional analysis and is not a required part of the basic financial statements.

The supplemental schedule of operation and maintenance, general and administrative and other maintenance expense is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplemental schedule of operation and maintenance, general and administrative and other maintenance expense is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Santa Barbara, California

December 19, 2016

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# CACHUMA OPERATION AND MAINTENANCE BOARD

## MANAGEMENT'S DISCUSSION AND ANALYSIS

---

### FISCAL YEAR ENDED JUNE 30, 2016

This section presents management's analysis of the financial condition and activities of the Cachuma Operation and Maintenance Board (COMB) for the fiscal year ended June 30, 2016. This information should be read in conjunction with the financial statements and the additional information included herewith.

### OVERVIEW OF THE FINANCIAL STATEMENTS

COMB operates as a proprietary fund-type. All proprietary fund-types use a flow of economic resources measurement focus. Under this measurement focus, all assets and liabilities associated with the operation of these funds are included on the Statement of Net Position and where appropriate, total net position (i.e., fund equity) are segregated into invested in capital and unrestricted net position. Proprietary fund-type operating statements present increases (revenues) and decreases (expenses) in total net position.

All proprietary fund-types utilize the accrual basis of accounting. Under this method, revenues are recognized when earned, regardless of when received, and expenses are recognized at the time the related liabilities are incurred, regardless of when paid.

### Summary of Organization and Business

COMB is a public entity duly organized and existing in accordance with enabling legislation of the State of California: Chapter 5, Division 7, Title 1, of the Government Code (Section 6500 et seq.), the Joint Exercise of Powers Act. COMB was officially established as a joint powers agency as of January 1, 1957 by and among six public agencies (Member Agencies) in Santa Barbara County, two of which have subsequently reorganized (merged). On May 23, 1996 the Joint Exercise of Powers Agreement (Agreement) for COMB was amended and restated. The Member Agencies entered into the Agreement to exercise their common power to provide for the rights to, the facilities of, and the operation, maintenance and use of the United States, Department of the Interior, Bureau of Reclamation project known as the Cachuma Project, including storage, treatment, transport and appurtenant facilities, and all necessary tangible and intangible property and rights. In particular, the Member Agencies expressed their desire to create COMB for the purpose of providing authority for the financing of "costs" for the capture, development, treatment, storage, transport and delivery of water; and for repayment of notes, bonds, loans, warrants, and revenue bonds as may be issued to finance facilities, operations or services. In September 2010, the Cachuma Operation and Maintenance Board approved a budget adjustment effective January 2011 to transfer from Cachuma Conservation and Release Board (CCRB) the implementation of the Santa Ynez River Fisheries Program as required by the 2000 Biological Opinion.

COMB currently has a staff of 13 full time employees. Of these, four are employed in an administrative capacity and nine are in field operations.

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# CACHUMA OPERATION AND MAINTENANCE BOARD

## MANAGEMENT'S DISCUSSION AND ANALYSIS

### Summary of Organization and Business (Continued)

COMB is presently composed of five Member Agencies, all of which are public agencies: the Carpinteria Valley Water District, the Goleta Water District, the Montecito Water District, the Santa Ynez River Water Conservation District Improvement District No. 1, and the City of Santa Barbara. (A founding Member Unit of COMB, the Summerland Water District, reorganized with the Montecito Water District, with Montecito Water District as the successor agency. Another founding Member Unit of COMB, the Santa Ynez River Water Conservation District, assigned its Member Unit water contract to the Santa Ynez River Water Conservation District, Improvement District No. 1.) On May 27, 2016, Santa Ynez River Water Conservation District, Improvement District No. 1 notified the COMB Board of its stated intent to withdraw from the Agreement.

It should be noted, however, that on May 27, 2016, the Improvement District notified COMB of its stated intent to unilaterally withdraw from the Agreement as a consequence of the decision made by the Board of Trustees of the Improvement District on May 26, 2016 to immediately withdraw from the Agreement. The COMB Governing Board is currently considering possible courses of action to address that unilateral withdrawal from the Agreement.

Under the Agreement, each of the five Member Agencies appoints a representative to the COMB Board of Directors. The following table shows each Member Unit's share of the Cachuma Project yield (water entitlement) and the number of votes each has on the Board of Directors:

<u>Member Unit</u>	<u>Entitlement Percentage</u>	<u>Board Representation</u>
Carpinteria Valley WD	10.94 %	1 vote
Goleta Water District	36.25 %	2 votes
Montecito Water District	10.31 %	1 vote
Santa Ynez RWCD ID No. 1	10.31 %	1 vote
City of Santa Barbara	32.19 %	2 votes
Total	100.00%	7 votes

Votes representing a majority of the number of votes authorized under the Agreement are required for the approval of any decision, other than adjournment, which requires action of the Board of Directors. Also, the affirmative vote of at least three representatives to the Board of Directors is necessary for the approval of such a decision. The unanimous consent of the representatives of all the Member Agencies is required for COMB to take action on the following matters:

1. Approval of a Cachuma Project Master Contract amendment, renewal or extension;
2. A matter involving water rights of any party;
3. Acquisition of significant facilities from the United States;
4. Issuance of bonds, loans or other forms of indebtedness in excess of one million (\$1,000,000) dollars.

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# CACHUMA OPERATION AND MAINTENANCE BOARD

## MANAGEMENT'S DISCUSSION AND ANALYSIS

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### **Summary of Organization and Business (Continued)**

A decision of COMB authorizing a capital expenditure in excess of one million dollars or incurring an indebtedness or obligation in excess of one million dollars is not effective unless it has been ratified by a resolution approved by all of the Member Agencies.

### **Operating Assessments**

Current operations of COMB are funded by assessment of the Member Agencies, with the assessments based on the Member Agencies' Cachuma Project entitlement percentages. In September 2010, the Cachuma Operation and Maintenance Board approved a budget adjustment effective January 2011 to transfer from CCRB the implementation of the Santa Ynez River Fisheries Program as required by the 2000 Biological Opinion. All five Member Agencies fund the general and administrative portion of the annual budget as well as the cost of special projects (capital improvements, rehabilitation & betterment, maintenance & modifications, etc.) for Bradbury Dam and Lake Cachuma, the main Cachuma Project storage facility, located on the Santa Ynez River in northern Santa Barbara County. All five Member Agencies also fund the Santa Ynez River Fisheries Program and related activities.

In light of the aforementioned unilateral withdrawal of the Improvement District from the Agreement on May 27, 2016, the COMB Governing Board is currently considering possible courses of action to address these particular general and administrative assessments.

Four of the Member Agencies, not including Santa Ynez River Water Conservation District, Improvement District No. 1, fund the operation and maintenance portion of the annual budget as well as the cost of special projects for other Cachuma Project storage and conveyance facilities that serve the South Coast of Santa Barbara County. These facilities include the Tecolote Tunnel, the South Coast Conduit (SCC), and four dams and reservoirs (Glen Annie, Lauro, Ortega and Carpinteria). During the fiscal year ended June 30, 2016, COMB conducted and/or completed a number of special studies and projects using revenue provided by these assessments. These included operation and maintenance of the Emergency Pumping Facility, SCC improvements; and rehabilitation and betterment of control stations, valves and structures.

### **Grant Program**

COMB has developed a grant program by utilizing a team of staff members to write proposals, administer grants and carry out grant contracts. They have applied for and received various federal and state contracts for habitat enhancement, fisheries projects within the Lower Santa Ynez River drainage and South Coast pipeline improvement projects. The utilization of these grants has assisted the Member Agencies in accomplishing required fisheries restoration and habitat improvement projects as well as a vital infrastructure improvement project. For fiscal year 2015-2016, grant funding was received for the Quiota Creek Crossing 3 fish passage improvement project.



# CACHUMA OPERATION AND MAINTENANCE BOARD

## MANAGEMENT'S DISCUSSION AND ANALYSIS

### COMB Committees

COMB has five standing committees: the Administrative Committee (financial, personnel and legal matters), the Operations Committee, the Fisheries Committee, the Public Outreach Committee, and the Lake Cachuma Oak Tree Committee. Each committee is composed of two Board members and one alternate Board member. Appointments to the committees are made by the President of the Board. The committees meet with staff on an as-needed basis and review and recommend actions to the Board of Directors with regard to capital improvements, finance, and other matters. From time-to-time, COMB utilizes ad-hoc committees which are temporary in nature.

### FINANCIAL HIGHLIGHTS

The following table shows a condensed version of COMB's statement of net position with corresponding analysis regarding significant variations. This statement includes the assets and liabilities related to the transfer of fisheries activities into COMB effective January 2011.

**Condensed Statement of Net Position**

	Year Ended			2016-2015 Variance		2015-2014 Variance	
	June 30, 2016	June 30, 2015	June 30, 2014	Dollars Change	Percent Change	Dollars Change	Percent Change
<u>Assets:</u>							
Current Assets	\$ 3,490,910	\$ 2,333,338	\$ 2,065,857	\$ 1,157,572	49.6%	\$ 267,481	12.9%
Restricted Assets	385,098	744,104	315,731	(359,006)	-48.2%	428,373	135.7%
Property, Plant & Equipment	205,908	199,564	142,007	6,344	3.2%	57,557	40.5%
Other Assets	5,980,235	6,191,101	6,288,831	(210,866)	-3.4%	(97,730)	-1.6%
<b>Total Assets</b>	<b>\$10,062,151</b>	<b>\$ 9,468,107</b>	<b>\$ 8,812,426</b>	<b>\$ 594,044</b>	<b>6.3%</b>	<b>\$ 655,681</b>	<b>7.4%</b>
<u>Deferred Outflows of Resources:</u>							
Deferred pensions	\$ 148,586	\$ 136,562	\$ -	\$ 12,024	100.0%	\$ 136,562	0.0%
<b>Total Deferred Outflows of Resources</b>	<b>\$ 148,586</b>	<b>\$ 136,562</b>	<b>\$ -</b>	<b>\$ 12,024</b>	<b>100.0%</b>	<b>\$ 136,562</b>	<b>0.0%</b>
<u>Liabilities:</u>							
Current Liabilities	\$ 1,767,975	\$ 1,546,701	\$ 1,555,068	\$ 221,274	14.3%	\$ (8,367)	-0.5%
Long-Term Liabilities	10,206,573	10,659,223	6,884,521	(452,650)	-4.2%	3,774,702	54.8%
<b>Total Liabilities</b>	<b>11,974,548</b>	<b>12,205,924</b>	<b>8,439,589</b>	<b>(231,376)</b>	<b>-1.9%</b>	<b>\$ 3,766,335</b>	<b>44.6%</b>
<u>Deferred Inflows of Resources:</u>							
Deferred pensions	\$ 224,052	\$ 348,168	\$ -	\$ (124,116)	100.0%	\$ 348,168	0.0%
<b>Total Deferred Inflows of Resources</b>	<b>\$ 224,052</b>	<b>\$ 348,168</b>	<b>\$ -</b>	<b>\$ (124,116)</b>	<b>100.0%</b>	<b>\$ 348,168</b>	<b>0.0%</b>
<u>Net Position:</u>							
Invested in Capital Assets	205,908	199,564	142,007	6,344	3.2%	\$ 57,557	40.5%
Unrestricted	(2,193,771)	(3,148,987)	230,830	955,216	-30.3%	(3,379,817)	-1464.2%
<b>Total Net Position</b>	<b>\$ (1,987,863)</b>	<b>\$ (2,949,423)</b>	<b>\$ 372,837</b>	<b>\$ 961,560</b>	<b>-32.6%</b>	<b>\$ (3,322,260)</b>	<b>-891.1%</b>



## CACHUMA OPERATION AND MAINTENANCE BOARD

### MANAGEMENT'S DISCUSSION AND ANALYSIS

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#### Statement of Net Position Analysis

Total assets as of June 30, 2016 are 6.3% more than the June 30, 2015 amount. The changes are noted below.

- Current assets include bank account balances and all accounts receivable balances. The current assets for fiscal year ending 2016 are higher than the previous year primarily attributable to project expenditures pending payment.
- Restricted assets are less as compared to the prior year due to a decrease in deposits into the Warren Act Trust Fund. The Warren Act Trust Fund deposits are variable in nature and are directly tied to the amount of State Water Project Water delivered to the lake on behalf of the State Water Project (SWP) participants during the previous year.
- The value of property, plant, and equipment is slightly higher than the previous fiscal year. The increase to property, plant and equipment was primarily due to the purchase of a watering truck for the Cachuma Lake Oak Tree Program, necessary computer office equipment and additional field equipment for the Operations and the Fisheries Division.
- Other assets are slightly decreased as compared to the prior fiscal year and represent the Bradbury and Lauro SOD Act assessments receivable.
- Deferred outflows and deferred inflows are related to deferred pensions associated with GASB 68. Note 12 contains detailed information regarding these balances.
- Current liabilities represent accounts payable balances, the current portion due (within one year) of long term debt, accrued wages and deferred revenue account balances. The current liabilities are higher than the previous fiscal year primarily due to larger payments due in fiscal 2017 Safety of Dams Act liabilities and American Riviera Bank notes payable.
- Long term liabilities are slightly less as compared to the prior year due to repayments.
- The Invested in Capital Assets has increased nominally as compared the previous year primarily due to the purchase of office and field equipment.
- Unrestricted net position is significantly greater (although remains in a deficit position) than the previous year primarily due to the previous years' initial recognition of the GASB 68 pension liability.

**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**

**FINANCIAL HIGHLIGHTS (Continued)**

The following table shows a condensed version of COMB's Statement of Revenues, Expenses, and Changes in Net Position, with corresponding analysis regarding significant variances.

**Condensed Statement of Revenues, Expenses and Changes in Net Position**

	Year Ended			2016-2015 Variance		2015-2014 Variance	
	June 30, 2016	June 30, 2015	June 30, 2014	Dollars	Percent	Dollars	Percent
				Change	Change	Change	Change
<b>Operating Revenues (Expenses):</b>							
Operating Revenues	\$ 7,019,280	\$ 5,889,530	\$ 5,470,764	\$ 1,129,750	19.2%	\$ 418,766	7.7%
Operating Expenses, excluding Depreciation Expense	(5,811,811)	(7,698,633)	(5,198,460)	1,886,822	-24.5%	(2,500,173)	48.1%
Depreciation	(72,380)	(58,123)	(77,213)	(14,257)	24.5%	19,090	-24.7%
<b>Operating Income (Deficit)</b>	<b>1,135,089</b>	<b>(1,867,226)</b>	<b>195,091</b>	<b>3,002,315</b>	<b>160.8%</b>	<b>\$ (2,062,317)</b>	<b>-1057.1%</b>
Non-operating Revenues	2,307	1,551	399	756	48.7%	1,152	288.7%
Non-operating Expenses	(175,836)	(99,228)	(104,464)	(76,608)	77.2%	5,236	-5.0%
<b>Change in Net Position</b>	<b>\$ 961,560</b>	<b>\$ (1,964,903)</b>	<b>\$ 91,026</b>	<b>\$ 2,926,463</b>	<b>148.9%</b>	<b>\$ (2,055,929)</b>	<b>2258.6%</b>
Net Position at beginning of year	(2,949,423)	372,837	281,811	(3,322,260)	100.0%	\$ 91,026	-32.3%
Prior period adjustment	-	(1,357,357)	-	1,357,357	100.0%	(1,357,357)	100.0%
Net Position at beginning of year, as restated	-	(984,520)	-	984,520	100.0%	(984,520)	100.0%
<b>Net Position at End of Year</b>	<b>\$ (1,987,863)</b>	<b>\$ (2,949,423)</b>	<b>\$ 372,837</b>	<b>961,560</b>	<b>-32.6%</b>	<b>\$ (3,322,260)</b>	<b>-891.1%</b>

**Statement Analysis**

- Operating revenues as of June 30, 2016 increased compared to the previous fiscal year primarily due to increased Warren Act revenues affiliated with substantial deliveries of State Water into the reservoir. In addition, grant revenues related to the completion of a fish passage project were recognized during this fiscal year. There were no grant revenues recognized during the previous fiscal year.
- Operating expenses, excluding depreciation and amortization expenses, were considerably less than the prior fiscal year partially due to changes in staffing and incomplete projects carried forward due to drought conditions.
- Non-operating revenues consist of interest income and increased as a result of higher balances in LAIF balances throughout the year.
- Non-operating expenses consist of interest expense and are higher than the previous year due to the American Riviera Bank notes payable.
- The Change in Net Position has increased substantially as compared to the prior fiscal year due to the previous fiscal year requirement of a first time entry for GASB 68 (CalPERS pension) liability.

**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**MANAGEMENT’S DISCUSSION AND ANALYSIS**

**Capital Assets**

The following table provides a summary of COMB’s capital assets and changes from the prior year.

	<b>Capital Assets</b>			<u>2016-2015 Variance</u>		<u>2015-2014 Variance</u>	
	<u>Year Ended</u>			<u>Dollars</u>	<u>Percent</u>	<u>Dollars</u>	<u>Percent</u>
	<u>June 30, 2016</u>	<u>June 30, 2015</u>	<u>June 30, 2014</u>	<u>Change</u>	<u>Change</u>	<u>Change</u>	<u>Change</u>
Vehicles	\$ 436,877	\$ 409,581	\$ 431,605	\$ 27,296	6.7%	\$ (22,024)	0.0%
Office Furniture and Equipment	440,652	432,634	405,275	8,018	1.9%	27,359	6.8%
Field Equipment	559,852	542,025	517,530	17,827	3.3%	24,495	4.7%
Mobile Offices Used for Facilities	97,803	97,803	97,803	-	0.0%	-	0.0%
Resurfacing	38,351	38,351	38,351	-	0.0%	-	0.0%
<b>Total Capital Assets</b>	<b>1,573,535</b>	<b>1,520,394</b>	<b>1,490,564</b>	<b>53,141</b>	<b>3.5%</b>	<b>29,830</b>	<b>2.0%</b>
Accumulated Depreciation	(1,367,627)	(1,320,830)	(1,348,557)	(46,797)	3.5%	27,727	-2.1%
<b>Net Capital Assets</b>	<b>\$ 205,908</b>	<b>\$ 199,564</b>	<b>\$ 142,007</b>	<b>\$ 6,344</b>	<b>3.2%</b>	<b>57,557</b>	<b>40.5%</b>

**Debt Administration**

**Series 2004A Refinance Bonds**

COMB and the Cachuma Project Authority (CPA) merged in 1996, with COMB as the successor agency. With this merger, COMB assumed responsibility for the oversight and payment of the Series 1993 CPA revenue bonds. However, the bonds are not recorded on the books of COMB because, under Joint Participation Agreements between COMB and three of the Member Agencies, these Member Agencies are obligated to make the bond principal and interest payments on behalf of COMB. The Series 1993 bonds were refinanced by COMB in the first quarter of fiscal year 2004/05.

**Safety of Dams Repayment Contracts**

Under the terms and conditions of a repayment contract executed in 2002, COMB is responsible for payment to the United States of fifteen percent (15%) of the total amount of Safety of Dams (SOD) Act funds expended by the United States for structural stability and related work at Bradbury Dam.

The debt total under the contract as executed is approximately \$6,791,000 plus interest and is to be repaid by annual payments over a 50-year period. COMB assesses the Member Agencies annually to collect the revenue for the payment due that year, with the assessments calculated in accordance with each Member Agencies’ Cachuma Project entitlement percentages.

All work activities related to the Bradbury SOD Act rehabilitation project have been completed as of June 30, 2012.

**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**

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**Debt Administration (Continued)**

The funds expended by Reclamation through June 30, 2013 on the Lauro Dam rehabilitation project as identified in the Re-Payment Schedule for this project are approximately \$6,728,401. The fifteen percent obligation plus interest during construction equates to approximately \$968,607 for the Lauro SOD Act repayment debt which appears in the long term liability account.

Work activities during the current fiscal year related to the completion of the Lauro Dam SOD Act rehabilitation were relatively minor and produced an inconsequential increase to the overall debt obligation.

**American Riviera Bank Emergency Pumping Facility Project Notes Payable**

During fiscal year ending 2015, COMB contracted for the construction of the Emergency Pumping Facilities Project (Project) to provide continued delivery of water from Lake Cachuma to the Member Agencies until sufficient inflow occurs and the reservoir level returns to a normal operating condition. In order to implement this large scale project, three of the four South Coast Member agencies agreed to finance their proportionate share through a commercial financing arrangement with the Bank of Santa Barbara, which merged with American Riviera Bank during 2016.

The note consists of two separate financing facilities: 1) A revolving line of credit (\$1.2 million) for a period of 24 months followed by a fixed 60 months of principal and interest, 2) A non-revolving line of credit (\$2.0 million) for a period of 24 months followed by a fixed 60 months of principal and interest. The districts participating in the financing included Goleta Water District, Montecito Water District, and Carpinteria Valley Water District. The City of Santa Barbara did not participate in the financing and chose to fund the project through quarterly assessments. Santa Ynez River Water Conservation District, Improvement District No. 1 was indemnified by the four South Coast Member Agencies and did not participate in any expenditure of the Project. While COMB secured the financing for the project, the three districts participating in the debt obligation provided the guarantee for repayment of their allocated percentage and are held solely liable for any interest rate increase caused by a downgrade of their individual credit rating. The original financing terms included the conversion from lines of credit to a sixty (60) month repayment loan as of July 25, 2016.

**Pension Plan Accounting**

In June 2012, the Governmental Accounting Standards Board (GASB) issued two new standards that substantially changed the accounting and financial reporting of public employee pension plans and the state and local governments that participate in such plans. GASB Statement No. 67, *Financial Reporting for Pension Plans* revises existing guidance for the financial reports of most governmental pension plans. GASB Statement No. 68, *Accounting and Financial Reporting for Pensions* revises and establishes new financial reporting requirements for most governments that provide their employees with pension benefits. GASB Statement No. 67 is applicable to CalPERS and effective for financial statements for fiscal years beginning after June 15, 2013. GASB Statement No. 68 is applicable to employers and effective for financial statements for fiscal years beginning after June 15, 2014.

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## CACHUMA OPERATION AND MAINTENANCE BOARD

### MANAGEMENT'S DISCUSSION AND ANALYSIS

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#### **Pension Plan Accounting (Continued)**

GASB Statement No. 68 requires employers to recognize a liability as employees earn their pension benefits. To the extent that a long-term obligation to provide pension benefits (total pension liability) is larger than the value of the assets available in the plan (fiduciary net position) to pay pension benefits, the employers must report a net pension liability on the employer's accrual-based financial statements for the first time.

A cost-sharing multiple-employer plan (cost-sharing plan) is one in which the participating employers pool their assets and their obligations to provide defined pension benefits, such as employers participating in risk pools. Under the new GASB standards, each participating cost-sharing employer is required to report its proportionate share of the collective net pension liability, pension expense, and deferred outflows/deferred inflows of resources in their financial statements. Note 12 contains detailed information regarding these balances.

In order to implement GASB 68, a prior period adjustment was made to COMB's July 1, 2014 net position. This prior period adjustment decreased the District's net position by \$1,357,357 and reflects the reporting of prior year net pension liabilities of \$1,493,919, and deferred outflows of resources of \$136,562.

**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**STATEMENT OF NET POSITION**  
**June 30, 2016 and 2015**

**ASSETS**

	<b>2016</b>	<b>2015</b>
Current Assets		
Cash (Note 3)	\$ 3,242,663	\$ 1,467,096
Investments, cash equivalents (Note 3)	10,110	639,216
Assessment receivable	-	104,395
Prepaid insurance	27,270	24,900
Current portion of SOD Act assessments receivable (Note 6)	210,867	97,731
Total current assets	3,490,910	2,333,338
Restricted Assets (Note 4)		
Cash	385,098	244,104
Investments, cash equivalents	-	500,000
Total restricted assets	385,098	744,104
Capital Assets (Note 9)		
Vehicles	436,877	409,581
Office furniture and equipment	440,652	432,634
Field equipment	559,852	542,025
Modular administrative offices	97,803	97,803
Resurfacing	38,351	38,351
Subtotal	1,573,535	1,520,394
Less: accumulated depreciation	(1,367,627)	(1,320,830)
Capital assets, net	205,908	199,564
Other Assets		
Long-term assessments receivable SOD Act (Note 6)	5,980,235	6,191,101
Total other assets	5,980,235	6,191,101
Total assets	10,062,151	9,468,107

**DEFERRED OUTFLOWS OF RESOURCES**

Deferred pensions	148,586	136,562
Total deferred outflows of resources	148,586	136,562
Total assets and deferred outflows of resources	\$ 10,210,737	\$ 9,604,669

*See accompanying notes*

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**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**STATEMENT OF NET POSITION**  
**June 30, 2016 and 2015**

**LIABILITIES**

	<u>2016</u>	<u>2015</u>
Current Liabilities		
Accounts payable	\$ 482,787	\$ 474,946
Accrued vacation and sick leave benefits	159,284	142,912
Deferred revenue	385,097	744,104
Accrued interest	87,008	87,008
Current portion of notes payable (Note 7)	442,932	-
Current portion of SOD Act contract payable (Note 6)	<u>210,867</u>	<u>97,731</u>
Total current liabilities	<u>1,767,975</u>	<u>1,546,701</u>
Long-Term Liabilities		
Net other post employment benefit obligation (Note 13)	907,923	746,491
Notes payable (Note 7)	2,158,385	2,601,317
Net pension liability (Note 12)	1,160,030	1,120,314
SOD Act contract payable, net of current portion (Note 6)	<u>5,980,235</u>	<u>6,191,101</u>
Total long-term liabilities	<u>10,206,573</u>	<u>10,659,223</u>
Commitments and Contingencies (Note 14)		
Total liabilities	<u>11,974,548</u>	<u>12,205,924</u>

**DEFERRED INFLOWS OF RESOURCES**

Deferred pensions	<u>224,052</u>	<u>348,168</u>
Total deferred inflows of resources	<u>224,052</u>	<u>348,168</u>

**NET POSITION**

Invested in capital assets, net of related debt	205,908	199,564
Unrestricted:		
Designated to be constructively returned	-	-
Accumulated deficit	<u>(2,193,771)</u>	<u>(3,148,987)</u>
Total net position	<u>\$ (1,987,863)</u>	<u>\$ (2,949,423)</u>

*See accompanying notes*

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**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION**  
**For the Years Ended June 30, 2016 and 2015**

	<u>2016</u>	<u>2015</u>
Operating Revenues		
Operating assessments from member agencies	\$ 5,650,365	\$ 5,488,859
Grant revenue	705,205	-
Warren Act Fund (Note 4)	571,728	113,434
Renewal Fund (Note 4)	-	159,887
Cachuma Project Betterment Fund (Note 5)	90,000	90,000
Other revenues	1,982	37,350
	<u>7,019,280</u>	<u>5,889,530</u>
Operating Expenses		
Operation and maintenance division:		
Operation and maintenance	761,405	809,837
General and administrative	725,474	1,076,051
Emergency pumping facility project	2,158,739	4,149,098
Fisheries division:		
Operation and maintenance	541,421	539,134
General and administrative	302,705	346,347
Fishery related projects	199,330	224,563
Quiota Creek crossing habitat enhancement	950,105	122,541
Other maintenance and habitat enhancement	172,632	431,062
Depreciation	72,380	58,123
	<u>5,884,191</u>	<u>7,756,756</u>
Net Operating Gain (Loss)	<u>1,135,089</u>	<u>(1,867,226)</u>
Non-Operating Revenues (Expenses)		
Interest income	2,307	1,551
Interest expense	(175,836)	(99,228)
Total non-operating expenses	<u>(173,529)</u>	<u>(97,677)</u>
Change in net position	961,560	(1,964,903)
Net Position, beginning of year	<u>(2,949,423)</u>	<u>(984,520)</u>
Net Position, end of year	<u>\$ (1,987,863)</u>	<u>\$ (2,949,423)</u>

*See accompanying notes*

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**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**STATEMENT OF CASH FLOWS**  
**For the Years Ended June 30, 2016 and 2015**

	<u>2016</u>	<u>2015</u>
<u>Cash Flows from Operating Activities</u>		
Cash received from member agencies	\$ 5,852,489	\$ 5,489,124
Cash received from other sources	1,982	37,350
Cash received from grantor	705,205	17,935
Cash received from Cachuma Betterment Fund	90,000	90,000
Cash received from Renewal and Warren Act Funds	571,728	273,321
Cash payments to suppliers for operations	(4,421,381)	(6,720,648)
Cash payments to employees	(1,303,578)	(1,301,371)
	<u>1,496,445</u>	<u>(2,114,289)</u>
<u>Cash Flows from Noncapital Financing Activities</u>		
Increase (decrease) in restricted assets	(359,005)	428,374
(Increase) decrease in deferred revenue	359,005	(428,374)
	<u>-</u>	<u>-</u>
<u>Cash Flows from Capital and Related Financing Activities</u>		
Acquisition of capital assets	(78,724)	(115,680)
Issuance of notes payable	-	2,601,317
Interest payments on notes payable	(82,144)	
Interest payments on SOD Act contract payable	(93,692)	(99,228)
Principle payments on SOD Act contract payable	(97,731)	(92,495)
	<u>(352,291)</u>	<u>2,293,914</u>
<u>Cash Flows From Investing Activities</u>		
Interest received	2,307	1,551
Purchase of investments	-	299,683
Proceeds from redemptions of investments	629,106	(935,005)
	<u>631,413</u>	<u>(633,771)</u>
Net increase (decrease) in cash	1,775,567	(454,146)
Cash and Cash Equivalents - Beginning of Year	1,467,096	1,921,242
Cash and Cash Equivalents - End of Year	<u>\$ 3,242,663</u>	<u>\$ 1,467,096</u>

*See accompanying notes*

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**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**STATEMENT OF CASH FLOWS**  
**For the Years Ended June 30, 2016 and 2015**

	<b>2016</b>	<b>2015</b>
<u>Reconciliation of net operating gain (loss) to net cash provided (used)</u>		
<u>by operating activities</u>		
Net operating gain (loss)	\$ 1,135,089	\$ (1,867,226)
Adjustments to reconcile net operating gain (loss) to net cash provided (used) by operating activities:		
Depreciation expense	72,380	58,123
Changes in operating assets and liabilities		
Other receivables	-	12,167
Assessments receivable	104,395	(104,395)
Prepaid insurance	(2,370)	(6,776)
Current portion of SOD Act assessment receivable	97,730	92,494
Accounts payable	7,841	(460,554)
Accrued vacation and sick leave benefits	16,372	18,580
OPEB liability	161,432	150,801
Net pension liability	39,716	(370,662)
Deferred outflows of resources - pension	(124,116)	348,168
Deferred inflows of resources - pension	(12,024)	(2,943)
Grant receivables	-	17,934
	<u>\$ 1,496,445</u>	<u>\$ (2,114,289)</u>
Net cash provided (used) by operating activities	<u>\$ 1,496,445</u>	<u>\$ (2,114,289)</u>

*See accompanying notes*

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# CACHUMA OPERATION AND MAINTENANCE BOARD

## NOTES TO THE FINANCIAL STATEMENTS

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### Note 1 - Organization

The Cachuma Operation and Maintenance Board (COMB) is a joint powers agency organized to operate and maintain the water delivery system of the Cachuma Project located in Santa Barbara County. COMB's member agencies (Member Agencies) consist of five water purveyors as follows: Carpinteria Valley Water District, City of Santa Barbara, Goleta Water District, Montecito Water District, and Santa Ynez River Water Conservation District Improvement District No. 1.

The Member Agencies entered into a Joint Exercise of Powers Agreement to exercise their common power to provide for the rights to, the facilities of, and the operation, maintenance and use of the United States, Department of the Interior, Bureau of Reclamation project known as the Cachuma Project, including storage, treatment, transport and appurtenant facilities, and all necessary tangible and intangible property rights. In September 2010, the Cachuma Operation and Maintenance Board approved a budget adjustment effective January 2011 to transfer from CCRB the implementation activities of the Santa Ynez River Fisheries Program as required by the 2000 Biological Opinion.

On May 27, 2016, Santa Ynez River Water Conservation District, Improvement District No. 1 notified the COMB Board of its stated intent to withdraw from the Agreement.

### Note 2 - Summary of Significant Accounting Policies

#### A) Basis of Accounting

COMB operates as a proprietary fund type. All proprietary fund types are accounted for on a flow of economic resources measurement focus. Under this measurement focus, all assets and liabilities associated with the operation of these funds are included in the statement of net position. Where appropriate, net total position are segregated into net position invested in capital assets and unrestricted position. Proprietary fund type operating statements present increases (revenues) and decreases (expenses) in total net position.

All proprietary fund types utilize the accrual basis of accounting. Under this method, revenues are recognized at the time the related liabilities are incurred regardless of when paid.

COMB distinguishes operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services in connection with COMB's principal ongoing operations. The principal operating revenues of COMB are assessments of the Member Agencies and grant monies received. Operating expenses for COMB include maintenance and administrative expenses, depreciation on capital assets and litigation costs. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 2 - Summary of Significant Accounting Policies (Continued)**

A) Basis of Accounting (Continued)

The financial statements of COMB have been prepared in conformity with Generally Accepted Accounting Principles (GAAP). The Governmental Accounting Standards Board (GASB) is the accepted standard setting body for establishing governmental accounting financial reporting principles.

B) Cash and Cash Equivalents

For purposes of the statement of cash flows, cash includes demand deposits and money market accounts, but does not include restricted cash or funds invested in the Local Agency Investment Fund (LAIF).

C) Capital Assets

Property and equipment are stated at cost. Depreciation is computed using the straight-line method over the estimated useful lives of the assets, which is generally 5 years. Title to the assets of the Cachuma Project is with the United States of America; the assets are not recorded as assets of COMB. Costs relating to capital improvements, rehabilitation, betterment, maintenance and modifications are therefore reported as expenditures when incurred by COMB.

D) Investments

Investments in governmental investment pools are reported at fair value based on the fair value per share of the pool's underlying portfolio.

E) Accrued Vacation and Sick Pay

Employees are entitled to certain compensated absences based on their length of employment. With minor exceptions, compensated absences vest and accumulate and are accrued when they are earned.

F) Unspent Operating Assessments

The operating assessments represent amounts received from COMB's Member Agencies to fund current operations. To the extent that revenues exceed expenses in a given year, they are constructively returned to the Member Agencies in subsequent years.

## CACHUMA OPERATION AND MAINTENANCE BOARD

### NOTES TO THE FINANCIAL STATEMENTS

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#### Note 2 - Summary of Significant Accounting Policies (Continued)

##### G) Other Post-Employment Benefits

Government Accounting Standards Board (GASB) Statement No. 45, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*, establishes standards for the measurement, recognition, and display of Other Post-Employment Benefit costs (OPEB) and related liabilities, note disclosures, and, if applicable, required supplementary information in the financial reports of state and local governmental employers. OPEB includes postemployment healthcare, as well as other forms of post-employment benefits when provided separately from a pension plan.

OPEB cost is measured and disclosed using the accrual basis of accounting. Annual OPEB cost is equal to the annual required contributions of the OPEB plan, calculated in accordance with certain parameters. See Note 13 for further details.

##### H) Pensions

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of COMB's California Public Employees' Retirement System (CalPERS) plans (Plans) and additions to/deductions from the Plans' fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

##### I) Net Position

Net position represents the difference between assets and liabilities and is classified into three components as follows:

Net investment in capital assets – This component of net position consists of capital assets, net of accumulated depreciation and reduced by the outstanding balances of any borrowings used for the acquisition, construction or improvement of those assets. Net investment in capital assets excludes unspent debt proceeds.

Restricted – This component of net position consists of constraints placed on net asset use through external constraints imposed by creditors, grantors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

Unrestricted – This component of net position consists of net position that does not meet the definition of “restricted” or “net investment in capital assets.” Unrestricted, reserved net position represents unrestricted assets which are segregated by the Board of Directors for specific future uses.

## CACHUMA OPERATION AND MAINTENANCE BOARD

### NOTES TO THE FINANCIAL STATEMENTS

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#### Note 2 - Summary of Significant Accounting Policies (Continued)

##### I) Net Position (Continued)

When an expense is incurred for purposes for which both unrestricted and restricted resources are available for use, it is COMB's policy to apply restricted assets first, then unrestricted resources.

##### J) Use of Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. COMB's principal areas that include estimates are the liabilities and related receivables for Safety of Dams Act construction in process, useful lives of capitalized assets and the liability for other postemployment benefits. It is at least reasonably possible that the significant estimates used will change within the next year.

##### K) Deferred Revenue

Deferred revenue consists of the unspent Renewal Fund and Warren Act Trust fund money that is restricted for Lake Cachuma projects. Each year, the Fund Committees decide how to spend these funds and revenue is recognized when the money is spent. See Note 4 for disclosures on restricted cash.

##### L) Implementation of New Accounting Pronouncements

Statement No. 72 *Fair Value Measurement and Application*. This Statement will enhance comparability of financial statements among governments by requiring measurement of certain assets and liabilities at fair value using a consistent and more detailed definition of fair value and accepted valuation techniques. This Statement also will enhance fair value application guidance and related disclosures in order to provide information to financial statement users about the impact of fair value measurements on a government's financial position. The provisions of this Statement are effective for financial statements for fiscal years beginning after June 15, 2015.

Statement No. 73 *Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68*. This Statement clarifies the application of certain provisions of Statements 67 and 68 with regard to the following issues:

# CACHUMA OPERATION AND MAINTENANCE BOARD

## NOTES TO THE FINANCIAL STATEMENTS

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### Note 2 - Summary of Significant Accounting Policies (Continued)

#### L) Implementation of New Accounting Pronouncements (Continued)

1. Information that is required to be presented as notes to the 10-year schedules of required supplementary information about investment-related factors that significantly affect trends in the amounts reported.
2. Accounting and financial reporting for separately financed specific liabilities of individual employers and non-employer contributing entities for defined benefit pensions.
3. Timing of employer recognition of revenue for the support of non-employer contributing entities not in a special funding situation.

The requirements of this Statement for pension plans that are within the scope of Statement 68 are effective for fiscal years beginning after June 15, 2015.

Statement No. 76 *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. This Statement will identify, in the context of the current governmental financial reporting environment, the hierarchy of generally accepted accounting principles (GAAP). The “GAAP hierarchy” consists of the sources of accounting principles used to prepare financial statements of state and local governmental entities in conformity with GAAP and the framework for selecting those principles. This Statement reduces the GAAP hierarchy to two categories of authoritative GAAP and addresses the use of authoritative and non-authoritative literature in the event that the accounting treatment for a transaction or other event is not specified within a source of authoritative GAAP.

This Statement supersedes Statement No. 55, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. The requirements of this Statement are effective for financial statements for periods beginning after June 15, 2015, and should be applied retroactively.

### Note 3 - Cash and Investments

#### Investments Authorized by COMB’s Investment Policy

Under the provisions of COMB’s investment policy, the agency may invest in state or national banks, state or federal saving and loan associations, the State of California Local Agency Investment Fund (LAIF), or may invest as provided in the California Government Code.



## CACHUMA OPERATION AND MAINTENANCE BOARD

### NOTES TO THE FINANCIAL STATEMENTS

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#### Note 3 - Cash and Investments (Continued)

##### Investment in Local Agency Investment Fund (LAIF)

LAIF is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of the District's investment in this pool is reported in the accompanying financial statements at amounts based on the District's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio. The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on the amortized cost basis. LAIF invests some of its portfolio in derivatives. Detailed information on derivative investments held by this pool is not readily available. Investments in LAIF are not rated by a national rating agency.

##### Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. COMB did not have any investments with fair values that are considered to be highly sensitive to changes in interest rates.

##### Custodial Credit Risk

Deposits are exposed to custodial credit risk if they are uninsured and uncollateralized. Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, COMB will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of COMB and are held by either the counter-party or the counter-party's trust department or agent but not in COMB's name.

All cash is entirely insured or collateralized. The California Government Code requires California banks and savings and loans associations to secure COMB's deposits by pledging government securities, which equal at least 110% of COMB's deposits. California law also permits financial institutions to secure COMB's deposits by the pledging of first trust deed mortgage notes in excess of 150% of the COMB's deposits. COMB may waive collateral requirements for deposits that are fully insured by the Federal Deposit Insurance Corporation (FDIC).

None of COMB's deposits with financial institutions in excess of federal depository insurance limits were held in uncollateralized accounts.

##### Credit Risk

In accordance with governmental accounting standards, COMB's cash and cash equivalents are classified as to credit risk into three categories:



**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 3 - Cash and Investments (Continued)**

Credit Risk (Continued)

- Category 1 includes investments that are insured or registered or for which the securities are held by COMB or its agency in COMB's name.
- Category 2 includes uninsured and unregistered investments for which the securities are held by the counter party's trust department or agent in COMB's name.
- Category 3 includes uninsured and unregistered investments for which the securities are held by the counter party, by its trust department or agency but not in COMB's name.

Currently, COMB's investments are held within LAIF. This is a non-categorized investment vehicle permitted under the provisions of COMB's investment policy.

Concentration of Credit Risk

This risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. At year end, COMB was not exposed to concentration of credit risk.

Foreign Currency Risk

This is the risk that exchange rates will adversely affect the fair value of an investment. At year end, COMB was not exposed to foreign currency risk.

Cash and investments as of June 30, 2016 and 2015 consist of the following:

	2016		
	Carrying Amount	Market Value	Credit Risk Category
Cash in banks and on hand	\$ 3,627,761	\$ 3,627,761	1
Local Agency Investment Fund (LAIF)	10,110	10,110	N/A*
Total cash and investments, at fair value	\$ 3,637,871	\$ 3,637,871	
	2015		
	Carrying Amount	Market Value	Credit Risk Category
Cash in banks and on hand	\$ 1,711,200	\$ 1,711,200	1
Local Agency Investment Fund (LAIF)	1,139,216	1,139,216	N/A*
Total cash and investments, at fair value	\$ 2,850,416	\$ 2,850,416	

\*Not subject to categorization

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 3 - Cash and Investments (Continued)****Fair Value Measurements**

COMB is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of COMB's investment in this pool is reported in the accompanying basic financial statements at the amounts based upon COMB's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis. COMB has no investments that are measured at fair value as of June 30, 2016 and 2015.

**Note 4 - Restricted Assets**

The Cachuma Project Renewal Fund (Renewal Fund) and Cachuma Project Trust Fund (Trust Fund) are two separate funds that have been established through contracts with the U.S. Bureau of Reclamation (Reclamation).

The Trust Fund is a requirement of the Warren Act contract that the Central Coast Water Authority (CCWA) negotiated with Reclamation for the use of the Cachuma Project for transport of State Water Project (SWP) water through Cachuma Project facilities. The memorandum of understanding (MOU) creating the Trust Fund established a two person Fund Committee and an Advisory Committee. One member of the Fund Committee is appointed by the Member Agencies through COMB or CCRB. The other member of the Fund Committee is appointed by Santa Barbara County Board of Supervisors from the County Water Agency.

The Renewal Fund is a requirement of the Cachuma Project Renewal Master Contract for water service from the Cachuma Project to the five Cachuma Project Member Agencies. The Cachuma Project Renewal Master Contract is mostly silent on the process for managing the Renewal Fund, other than stating that the Fund Committee must agree on its use.

Both the Trust Fund and the Renewal Fund require annual and five-year plans. Reclamation and the Cachuma Project Member Agencies agreed to use the committee process for both funds and to have common annual and five-year plans. To date, the annual and five-year plans have authorized the combined funds to be used for implementation of the Biological Opinion (BO)/Fish Management Plan (FMP). Pursuant to the Renewal Master Contract, COMB administers both the Trust Fund and the Renewal Fund accounts.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 4 - Restricted Assets (Continued)**

Summary of restricted cash and investments as of June 30:

	<u>2016</u>	<u>2015</u>
Trust Fund	\$ 374,882	\$ 733,888
Renewal Fund	10,216	10,216
Total Restricted Cash	<u>\$ 385,098</u>	<u>\$ 744,104</u>

**Note 5 - Cachuma Project Betterment Fund**

Since the Cachuma Project was completed in the mid-1950s, the Santa Barbara County Water Agency has collected \$100,000 per year in taxes for the betterment of the Cachuma Project. For the first 40 years, these funds were used to pay down the capital cost of constructing the Cachuma Project. The authorized uses of these funds were broadened in 1995 pursuant to the Renewal Master Contract. The County Water Agency was still obligated to provide \$100,000 annually to the Cachuma Project. However, under Article 8 (b), the funds could to be used for any beneficial purpose consistent with the Water Agency Act within the Santa Ynez River watershed or the Cachuma Project service area. Each fiscal year, representatives from the Cachuma Project Member Agencies and the County Water Agency must mutually agree on the activities to be funded by the County Water Agency's \$100,000 contribution. To date, the Betterment Fund has been combined with the Trust Fund and Renewal Fund revenues to offset the costs of the Fisheries Program. On January 1, 2011, the balance of the Betterment fund was transferred from Cachuma Conservation Release Board to COMB to support the Fisheries Program.

**Note 6 - SOD Act Assessments Receivable and Contract Payable**

**Bradbury Dam**

On July 1, 2002, COMB executed a repayment contract with U.S. Bureau of Reclamation in the Department of Interior of the United States (Reclamation). Under the terms of the agreement and in accordance with the United States Safety of Dams (SOD) Act, COMB will reimburse Reclamation for fifteen percent (15%) of the total amount of SOD Act funds expended by Reclamation to preserve the structural integrity of Bradbury Dam and related Cachuma Project facilities.

COMB entered into a repayment contract with Reclamation when the project was deemed to be substantially complete. The repayment contract, as executed, calls for a repayment of 15% of a total cost of \$45,276,008 or approximately \$6,791,000 plus interest, as appropriate, over a 50-year period.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 6 - SOD Act Assessments Receivable and Contract Payable (Continued)**

Bradbury Dam (Continued)

The repayment obligation has been allocated fifty-one and three tenths percent (51.3%) to irrigation uses (Irrigation Allocation) or \$3,483,989 and forty eight and seven tenths percent (48.7%) to municipal and industrial (M&I) uses (M&I Allocation) or \$3,307,412. The Irrigation allocation bears no interest and repayment commences in fiscal year end 2017. Interest during construction in the amount of \$325,477 was added to the M&I Allocation. During construction COMB made advances in the amount of \$1,496,148 that were applied against the M&I Allocation amounts. Accounting for advances made by COMB during construction, the balance due under the M&I Allocation contract was \$2,136,741.

COMB will assess the Member Agencies annually amounts equal to the obligation due Reclamation. The annual payment requirements at June 30, 2016 to retire the contract as of June 30, 2052, including interest payments at 5.856%, are presented in the following table. This table does not include adjustments that will be made to the Bradbury Dam repayment contract due to additional incurred costs or for payments that will be required under the Lauro Dam repayment contract.

	M&I Allocation		Irrigation Allocation	Total
	Principal	Interest		
2017	\$ 88,160	\$ 76,710	\$ 96,777	\$ 261,647
2018	93,323	71,547	96,777	261,647
2019	98,788	66,082	96,777	261,647
2020	104,573	60,297	96,777	261,647
2021	110,696	54,174	96,777	261,647
2022 - 2026	658,651	165,699	483,887	1,308,237
2027 - 2031	155,749	9,121	483,887	648,757
2032 - 2036	-	-	483,887	483,887
2037 - 2041	-	-	483,887	483,887
2042 - 2046	-	-	483,887	483,887
2047 - 2051	-	-	483,887	483,887
2052 - 2052	-	-	96,779	96,779
	<u>\$ 1,309,940</u>	<u>\$ 503,630</u>	<u>\$ 3,483,989</u>	<u>\$ 5,297,559</u>

The interest expense for the Bradbury Dam SOD Act contract payable was \$86,194 for the years ended June 30, 2016 and 2015.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 6 - SOD Act Assessments Receivable and Contract Payable (Continued)**

Bradbury Dam (Continued)

The total cost of the Bradbury Dam SOD Act project is to be reevaluated and the repayment agreement amended as necessary by Reclamation and COMB when all phases of the work are completed. Total project costs as of June 30, 2016 were \$48,321,547, \$3,045,539 higher than the total cost authorized under the repayment contract. It is management's opinion that COMB will be responsible for reimbursing Reclamation 15% of the total construction costs in excess of the costs per the original repayment contract.

As of June 30, 2016, an additional liability of \$456,831 was recorded for construction costs incurred in excess of the original repayment agreement. This is an estimate based on management's best judgment which may be adjusted as more current information becomes available.

Reclamation can also reevaluate the ability of COMB's Member Agencies to repay the Irrigation Allocation every five years, commencing in fiscal year end 2008. No adjustment has been made to the Irrigation Allocation balance to reflect a discount due to the non-interest bearing feature of the contract.

Lauro Dam

On March 21, 2007, COMB executed a repayment contract with U.S. Bureau of Reclamation in the Department of Interior of the United States (Reclamation). Under the terms of the agreement and in accordance with the United States Safety of Dams (SOD) Act, COMB will reimburse Reclamation for fifteen percent (15%) of the total amount of SOD Act funds expended by Reclamation to preserve the structural integrity of Lauro Dam and reservoir; total costs not to exceed \$17,314,125. The primary contract for construction of the modification project was awarded by Reclamation in September 2005 and the work was deemed substantially complete in February 2007.

COMB entered into a repayment contract with the Reclamation when the project was deemed to be substantially complete. The repayment contract, as executed, calls for a repayment of 15% of a total cost of \$5,974,934 or approximately \$896,240 plus interest, as appropriate, over a 50-year period. The repayment obligation has been allocated fifty and seventy two one hundredths percent (50.72%) to irrigation uses (Irrigation Allocation) or \$454,573, and forty nine and twenty eight hundredths percent (49.28%) to municipal and industrial (M&I) uses (M&I Allocation) or \$441,667. The Irrigation allocation bears no interest and repayment commences October 2017. The M&I allocation balance due during the construction period accrued interest in the amount of \$15,798.

COMB will assess the South Coast Member Agencies annually amounts equal to the obligation due January 4, 2057, including interest payments at 4.886%, are presented in the following table. This table does not include adjustments that will be made to the Lauro Dam repayment contract due to additional incurred costs or for payments that will be required under the Lauro Dam repayment contract.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 6 - SOD Act Assessments Receivable and Contract Payable (Continued)**

Lauro Dam (Continued)

	M&I Allocation		Irrigation Allocation	Total
	Principal	Interest		
2017	\$ 15,106	\$ 16,982	\$ 10,823	\$ 42,911
2018	15,794	16,294	10,823	42,911
2019	16,513	15,575	10,823	42,911
2020	17,266	14,822	10,823	42,911
2021	18,052	14,036	10,823	42,911
2022 - 2026	103,374	57,926	54,115	215,415
2027 - 2031	129,168	31,272	54,115	214,555
2032 - 2036	57,477	3,895	54,115	115,486
2037 - 2041	-	-	54,115	54,115
2042 - 2046	-	-	54,115	54,115
2047 - 2051	-	-	54,115	54,115
2052 - 2056	-	-	54,115	54,115
2057 - 2057	-	-	21,653	21,653
	<u>\$ 372,749</u>	<u>\$ 170,802</u>	<u>\$ 454,573</u>	<u>\$ 998,124</u>

The interest expense for the Lauro Dam SOD Act contract payable was \$18,270 for the years ended June 30, 2016 and 2015.

The total costs of the Lauro Dam SOD Act project is to be reevaluated and repayment agreement amended as necessary by Reclamation and COMB when all phases of work are completed. The total project costs as of June 30, 2016 were \$6,728,401, \$753,467 higher than the total costs authorized by the repayment contract. It is management's opinion that COMB will be responsible for reimbursing Reclamation 15% of the total construction cost incurred in excess of the original repayment contract. As of June 30, 2016, an additional liability of \$113,020 is recorded for construction costs incurred in excess of the original repayment agreement.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 6 - SOD Act Assessments Receivable and Contract Payable (Continued)**

Lauro Dam (Continued)

Management deems the assessments receivable related to the Bradbury and Lauro Dams SOD Act projects to be fully collectable. The total SOD Act liability at June 30, 2016 is composed of the following:

	<u>June 30, 2016</u>	<u>June 30, 2015</u>
Bradbury Dam repayment contract:		
M&I principal	\$ 1,309,940	\$ 1,393,224
Irrigation principal	<u>3,483,989</u>	<u>3,483,987</u>
Total Bradbury Dam repayment contract obligation excluding interest	4,793,929	4,877,211
Bradbury Dam liability for 15% of additional costs incurred over repayment contract	<u>456,831</u>	<u>456,831</u>
Total Bradbury Dam SOD Act liability	5,250,760	5,334,042
Lauro Dam repayment contract:		
M&I principal	372,749	387,197
Irrigation principal	<u>454,573</u>	<u>454,573</u>
Total Lauro Dam repayment contract obligation interest	827,322	841,770
Lauro Dam liability for 15% of additional costs incurred over repayment contract	<u>113,020</u>	<u>113,020</u>
Total Lauro SOD Act liability	<u>940,342</u>	<u>954,790</u>
Total SOD Act Liability	6,191,102	6,288,832
Less current portion	<u>(210,867)</u>	<u>(97,731)</u>
Long-term portion of SOD Act liability	<u>\$ 5,980,235</u>	<u>\$ 6,191,101</u>



**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 7 - Notes Payable**

On July 25, 2014, COMB entered into two notes payable agreements with American Riviera Bank for a total of \$3,200,000 to finance the Emergency Pumping Facilities Project on behalf of Goleta Water District, Carpinteria Valley Water District, and Montecito Water District (participating member units). Per the agreement, COMB may draw upon these funds similar to a line of credit until July 25, 2016, at which time a repayment schedule will be provided for the balance of funds drawn. As of June 30, 2016 and 2015, the total outstanding balance on the notes payable was \$2,601,317.

Beginning on August 25, 2014 and until July 25, 2016, COMB is required to make monthly interest payments on the unpaid balance at an initial interest rate of 3.00%. At the end of the straight line of credit period, COMB will make principal and interest payments based on the repayment schedule that will be provided for the balance of funds drawn. The interest rate for the repayment schedule will be established based on the Prime rate as of July 25, 2016.

COMB will make payments on behalf of the participating member units and will assess Goleta Water District, Carpinteria Valley Water District and Montecito Water District each member units' share of the debt service payment quarterly.

The loans are guaranteed by the participating member units as follows:

	<u>Amount</u>	<u>Allocation</u>
Goleta Water District	\$ 2,016,000	63%
Carpinteria Valley Water District	608,000	19%
Montecito Water District	576,000	18%
	<u>\$ 3,200,000</u>	<u>100%</u>

As a condition of notes payable, at least \$2 million dollars of the notes was required to be spent on capital infrastructure of the Emergency Pumping Facilities Project. In addition, COMB is also required to maintain a deposit relationship at American Riviera Bank. The participating member units are required at all times during the loan to set and maintain member unit customer water rates at a level sufficient to pay all outstanding annual member unit debt service and to set aside such debt service revenues in a special district reserve account maintained at a rate of 1.25 to 1 of annual debt service reserve for each dollar outstanding debt service payments due in any particular year.

See Note 16 for additional information related the notes payable.



**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 8 - Long-Term Debt**

Changes in long term debt amounts for years ended June 30, 2016 and 2015 were as follows:

	Beginning Balance 2016	Additions	Principal Payments	Ending Balance 2016
SOD Act Liabilities	\$ 6,288,832	\$ -	\$ (97,730)	\$ 6,191,102
Notes payable	2,601,317	-	-	2,601,317
	<u>\$ 8,890,149</u>	<u>\$ -</u>	<u>\$ (97,730)</u>	<u>\$ 8,792,419</u>

	Beginning Balance 2015	Additions	Principal Payments	Ending Balance 2015
SOD Act Liabilities	\$ 6,381,326	\$ -	\$ (92,494)	\$ 6,288,832
Notes payable	-	2,601,317	-	2,601,317
	<u>\$ 6,381,326</u>	<u>\$ 2,601,317</u>	<u>\$ (92,494)</u>	<u>\$ 8,890,149</u>

**Note 9 - Capital Assets**

The following is a summary of capital assets which include property, plant and equipment at June 30, 2016 and 2015.

	Beginning Balance 2016	Additions	Deletions	Transfers	Ending Balance 2016
Vehicles	\$ 409,581	\$ 52,879	\$ (25,583)	\$ -	\$ 436,877
Office furniture and equipment	432,634	8,018	-	-	440,652
Field equipment	542,025	17,827	-	-	559,852
Mobile offices used for facilities	97,803	-	-	-	97,803
Resurfacing	38,351	-	-	-	38,351
Total depreciable assets	1,520,394	78,724	(25,583)	-	1,573,535
Less: accumulated depreciation and amortization	(1,320,830)	(72,380)	25,583	-	(1,367,627)
Net capital assets	<u>\$ 199,564</u>	<u>\$ 6,344</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 205,908</u>

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 9 - Capital Assets (Continued)**

	Beginning				Ending
	Balance 2015	Additions	Deletions	Transfers	Balance 2015
Vehicles	\$ 431,605	\$ 63,826	\$ (85,850)	\$ -	\$ 409,581
Office furniture and equipment	405,275	27,359	-	-	432,634
Field equipment	517,530	24,495	-	-	542,025
Mobile offices used for facilities	97,803	-	-	-	97,803
Resurfacing	38,351	-	-	-	38,351
<b>Total depreciable assets</b>	<b>1,490,564</b>	<b>115,680</b>	<b>(85,850)</b>	<b>-</b>	<b>1,520,394</b>
Less: accumulated depreciation and amortization	(1,348,557)	(58,123)	85,850	-	(1,320,830)
<b>Net capital assets</b>	<b>\$ 142,007</b>	<b>\$ 57,557</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 199,564</b>

**Note 10 - Joint Powers Insurance Authority**

COMB participates in the property and liability program organized by the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA). Employees working for COMB receive the benefits of this plan through the employee services agreement. ACWA/JPIA is a Joint Powers Authority created to provide a self-insurance program to water agencies in the State of California. The ACWA/JPIA is not a component unit of COMB for financial reporting purposes, as explained below.

ACWA/JPIA provides liability, property and workers' compensation insurance for approximately 300 water agencies for losses in excess of the member agencies specified self-insurance retention levels. Individual claims (and aggregate public liability and property claims) in excess of specified levels are covered by excess insurance policies purchased from commercial carriers. ACWA/JPIA is governed by a board comprised of members from participating agencies. The board controls the operations of ACWA/JPIA, including selection of management and approval of operating budgets, independent of any influence by the members beyond the representation on the board. Each member shares surpluses and deficiencies proportionately to its participation in ACWA/JPIA.

Additional information and complete financial statements for the ACWA/JPIA are available for public inspection at 5620 Birdcage Street, Suite 200, Citrus Heights, CA, between the hours of 8 a.m. and 5 p.m., Monday through Friday.

## CACHUMA OPERATION AND MAINTENANCE BOARD

### NOTES TO THE FINANCIAL STATEMENTS

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#### Note 11 - Deferred Compensation Plan

COMB offers its employees a deferred compensation plan created in accordance with the Internal Revenue Code Section 457. The plan, available to employees at their option, permits participants to defer a portion of their salary until future years. The deferred compensation is not available to participants until termination, retirement, death, or unforeseeable emergency. All amounts of compensation deferred under the plan, all property and rights purchased with those amounts, and all income attributable to those amounts, property, or rights are maintained (until paid or made available to the participant or beneficiary) in a trust account held by State Street Bank and Trust and administered by Lincoln Financial Group. Participants have sole rights under the plan in an amount equal to the fair market value of the deferred for each participant. Contributions made by COMB for the employees to the plan for the years ended June 30, 2016 and 2015 were and \$69,361 and \$97,790, respectively.

#### Note 12 - Pension Plan

##### Plan Description

All qualified employees are eligible to participate in COMB's Miscellaneous Employee Pension Plan, a cost-sharing multiple employer defined benefit pension plan administered by the California Public Employees' Retirement System (CalPERS). Benefit provisions under the Plans are established by State statute and local government resolution. CalPERS issues publicly available reports that include a full description of the pension plans regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website. Eligible employees hired after January 1, 2013 that are considered new members as defined by the Public Employees' Pension Reform Act (PEPRA) participate in the PEPRA Miscellaneous Plan.

##### Benefits Provided

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, as discussed above. Members with five years of total service are eligible to retire at age 50 or 52 if in the PEPRA Miscellaneous Plan with statutorily reduced benefits. An optional benefit regarding sick leave was adopted. Any unused sick leave accumulates at the time of retirement will be converted to credited service at a rate of 0.004 years of service for each day of sick leave. All members are eligible for non-duty disability benefits after 10 years of service. The system also provides for the Optional Settlement 2W Death Benefit, as well as the 1959 Survivor Benefit. The cost of living adjustments for all plans are applied as specified by the Public Employees' Retirement Law.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 12 - Pension Plan (Continued)**

Contributions

Section 20814(c) of the California Public Employees' Retirement Law requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. Funding contributions for both Plans are determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. COMB is required to contribute the difference between the actuarially determined rate and the contribution rate of employees.

For employees hired prior to January 1, 2013 and for all classic members as defined by PEPRA, the District pays the employee's contribution in addition to the employer's contribution. These contributions made on behalf of employees are included in operating expenses on the statement of revenues, expenses, and changes in net position, but are not included in pension expense as disclosed below. For employees hired after January 1, 2013 who are considered new members as defined by PEPRA, COMB does not pay any portion of the employee's required contribution.

The Plans' provisions and benefits in effect at June 30, 2016 and 2015, are summarized as follows:

	<u>Miscellaneous Plan</u>	
	<u>Prior to January 1, 2013</u>	<u>On or after January 1, 2013</u>
Hire date		
Benefit formula	2% @ 55	2% @ 62
Benefit vesting schedule	5 years of service	5 years of service
Benefit payments	monthly for life	monthly for life
Retirement age	50 - Minimum	52 - Minimum
Monthly benefits, as a % of eligible compensation	1.4% to 2.4%	1.0% to 2.5%
Required employee contribution rates		
2016	7.00%	6.50%
2015	6.89%	N/A
Required employer contribution rates		
2016	8.80%	6.55%
2015	9.12%	N/A

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 12 - Pension Plan (Continued)**

Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions

As of June 30, 2016, COMB reported a liability of \$1,160,030 for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2015, and the total pension liability for all Plans used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2014 rolled forward to June 30, 2015 using standard update procedures. COMB's proportion of the net pension liability was based on a projection of their long-term share of contributions to the pension plans relative to the projected contributions of all participating employers, actuarially determined.

COMB's proportionate share of the net pension liability for all Plans as of June 30, 2014 and 2013 (measurement date of June 30, 2015 and 2014, respectively) was as follows:

	<u>Miscellaneous</u>		<u>Miscellaneous</u>
	s		s
Proportion – June 30, 2014	0.04533%	Proportion – June 30, 2013	0.04550%
Proportion – June 30, 2015	0.04228%	Proportion – June 30, 2014	0.04533%
Change – Increase (Decrease)	<u>-0.00305%</u>	Change – Increase (Decrease)	<u>-0.00017%</u>

For the years ended June 30, 2016 and 2015, COMB recognized pension expense of \$43,407 and \$111,125, respectively. At June 30, 2016 and 2015, COMB reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>June 30, 2016</u>		<u>June 30, 2015</u>	
	<u>Deferred</u>	<u>Deferred</u>	<u>Deferred</u>	<u>Deferred</u>
	<u>Outflows of</u>	<u>Inflows of</u>	<u>Outflows of</u>	<u>Inflows of</u>
	<u>Resources</u>	<u>Resources</u>	<u>Resources</u>	<u>Resources</u>
Pension contributions subsequent to measurement date	\$ 139,831	\$ -	\$ 136,562	\$ -
Differences between expected and actual experience	8,755	-	-	-
Changes in assumptions	-	(82,832)	-	-
Changes in employer's proportion and difference between the employer's contributions and the employer's proportionate share of contributions	-	(99,695)	-	(3,325)
Net differences between projected and actual earnings on plan investments	-	(41,525)	-	(344,843)
Total	<u>\$ 148,586</u>	<u>\$ (224,052)</u>	<u>\$ 136,562</u>	<u>\$ (348,168)</u>

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 12 - Pension Plan (Continued)**

Employer contributions of \$139,831 reported as deferred outflows of resources related to contributions made subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2016.

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Fiscal Year	
Ended June 30	
2017	\$ (94,020)
2018	(93,783)
2019	(80,573)
2020	53,079
2021	-
Thereafter	-
	<u>\$ (215,297)</u>

Initial unfunded liabilities are amortized over a closed period that depends on the plan's date of entry into CalPERS. Subsequent plan amendments are amortized as level percentage of pay over a closed 20-year period. Gains and losses that occur in the operation of the plan are amortized over a 30 year rolling period. If the plan's accrued liability exceeds the actuarial value of plan assets, then the amortization payment on the total unfunded liability may not be lower than the payment calculated over a 30 year amortization period.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 12 - Pension Plan (Continued)**

Actuarial Assumptions

The total pension liabilities in the June 30, 2014 and 2013 actuarial valuations were determined using the following actuarial assumptions:

	<u>For the Year Ended June 30, 2016</u>	<u>For the Year Ended June 30, 2015</u>
	<u>Miscellaneous Plan</u>	<u>Miscellaneous Plan</u>
Valuation Date	30-Jun-14	30-Jun-13
Measurement Date	30-Jun-15	30-Jun-14
Actual Cost Method	Entry-Age Normal Cost Method, in accordance with the requirements of GASB Statement No. 68	Entry-Age Normal Cost Method
Actuarial Assumptions:		
Discount Rate	7.65%	7.50%
Inflation	2.75%	2.75%
Payroll Growth	3.00%	3.00%
Projected Salary Increase	Varies by entry age and service (1)	Varies by entry age and service (1)
Investment Rate of Return	7.5% (2)	7.5% (2)
Mortality	Derived using CalPERS' Membership Data for all Funds	Derived using CalPERS' Membership Data for all Funds
Post Retirement Benefit Increase	Contract COLA up to 2.75% until Purchasing Power. Protection Allowance Floor on Purchasing Power applies, 2.75% thereafter	Contract COLA up to 2.75% until Purchasing Power. Protection Allowance Floor on Purchasing Power applies, 2.75% thereafter

(1) Depending on age, service and type of employment

(2) Net of pension plan investment expenses, including inflation

The underlying mortality assumptions and all other actuarial assumptions used in the June 30, 2014 and 2013 valuations were based on the results of a January 2014 actuarial experience study for the period 1997 to 2011, including updates to salary increase, mortality, and retirement rates. Further details of the Experience Study can found on the CalPERS website.

Change of Assumption

According to Paragraph 30 of Statement 68, the long-term discount rate should be determined without reduction for pension plan administrative expenses. The discount rate was changed from 7.50 percent (net of administrative expense for measurement date June 30, 2014) to 7.65 percent as of the June 30, 2015 measurement date to correct the adjustment which previously reduced the discount rate for administrative expense. Administrative expenses are assumed to be 15 basis points.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 12 - Pension Plan (Continued)**

Discount Rate

The discount rate used to measure the total pension liability was 7.65 percent for all Plans. To determine whether the municipal bond rate should be used in the calculation of a discount rate for all plans, CalPERS stress tested plans that would most likely result in a discount rate that would be different from the actuarially assumed discount rate. Based on the testing of the plans, the tests revealed the assets would not run out. Therefore, the current 7.65 percent discount rate is appropriate and the use of the municipal bond rate calculation is not deemed necessary. The long term expected discount rate of 7.65 percent will be applied to all plans in the Public Employees Retirement Fund, including PERF C. The stress test results are presented in a detailed report that can be obtained from the CalPERS website.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all the funds' asset classes, expected compound returns were calculated over the short-term (first 10 years) and the long-term (11-60 years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and rounded down to the nearest one quarter of one percent.

The table below reflects the long-term expected real rate of return by asset class. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation. These rates of return are net of administrative expenses. The CalPERS Board adopted a new target allocation effective July 1, 2014. This is the primary change that was reflected in the table below for the year ended June 30, 2016.



**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 12 - Pension Plan (Continued)**

The table below reflects the long-term expected real rate of return by asset class. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation. These rates of return are net of administrative expenses.

Asset Class	June 30, 2016			June 30, 2015		
	Net Strategic Allocation	Real Return Years 1 - 10(a)	Real Return Years 11+(b)	Net Strategic Allocation	Real Return Years 1 - 10(a)	Real Return Years 11+(b)
Global Equity	51.00%	5.25%	5.71%	47.00%	5.25%	5.71%
Global Fixed Income	19.00%	0.99%	2.43%	19.00%	0.99%	2.43%
Inflation Sensitive	6.00%	0.45%	3.36%	6.00%	0.45%	3.36%
Private Equity	10.00%	6.83%	6.95%	12.00%	6.83%	6.95%
Real Estate	10.00%	4.50%	5.13%	11.00%	4.50%	5.13%
Infrastructure and Forestland	2.00%	4.50%	5.09%	3.00%	4.50%	5.09%
Liquidity	2.00%	-0.55%	-1.05%	2.00%	-0.55%	-1.05%

(a) An expected inflation of 2.5% used for this period.

(b) An expected inflation of 3.0% used for this period.

**Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate**

The following presents COMB's proportionate share of the net pension liability calculated using the discount rate of 7.65% as well as what COMB's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

For the Year Ended June 30, 2016		For the Year Ended June 30, 2015	
Miscellaneous		Miscellaneous	
1% Decrease	6.65%	1% Decrease	6.50%
Net Pension Liability	\$ 1,945,435	Net Pension Liability	\$ 1,934,956
Current Discount Rate	7.65%	Current Discount Rate	7.50%
Net Pension Liability	\$ 1,160,030	Net Pension Liability	\$ 1,120,314
1% Increase	8.65%	1% Increase	8.50%
Net Pension Liability	\$ 511,569	Net Pension Liability	\$ 444,239

**Pension Plan Fiduciary Net Position**

Detailed information about all pension plan fiduciary net positions is available in the separately issued CalPERS financial reports.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 13 - Post-retirement Health Care Benefits**

COMB offers post-retirement health insurance benefits to retired employees. Retired employees are eligible to receive benefits, equal to medical, dental and vision insurance, if the employee has reached age 50 and has twelve years of covered service.

Funding Policy

COMB's annual other postemployment benefit (OPEB) cost is calculated based on the annual required contribution (ARC) of the employer, an amount actuarially determined in accordance with the parameters of GASB Statement 45. The annual required contribution represents a level of funding that, if paid on an ongoing basis, is projected to cover normal costs each year and amortize any unfunded actuarial liabilities over a period not to exceed thirty years. The current ARC rate is 10% of the annual covered payroll. COMB has elected to make contributions equal to the pay-as-you-go amount.

Annual OPEB Cost and Net OPEB Obligation

COMB's annual OPEB cost (expense) is calculated based on the Annual Required Contribution of the employer (ARC), an amount actuarially determined in accordance with the parameters of GASB Statement 45. The following table shows the components of the COMB's annual OPEB cost for the year, the amount actually contributed to the plan, and changes in the COMB's net OPEB obligation:

Annual required contribution	\$ 275,226
ARC Adjustment	(30,745)
Interest on net OPEB obligation	<u>24,585</u>
Annual OPEB cost (expense)	269,066
Contributions made	<u>(107,634)</u>
Increase in net OPEB obligation	161,432
Net OPEB obligation, beginning of year	<u>746,491</u>
Net OPEB obligation, end of year	<u><u>\$ 907,923</u></u>

COMB's annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB obligation for the fiscal year ending June 30, 2016 and the two preceding fiscal years were as follows:

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 13 - Post-retirement Health Care Benefits (Continued)**

<u>Fiscal Year</u>	<u>Annual OPEB Cost</u>	<u>Percentage of Annual OPEB Cost Contributed</u>	<u>Net OPEB Obligation</u>
6/30/2014	\$ 241,610	32%	\$ 595,690
6/30/2015	243,922	38%	746,491
6/30/2016	277,686	39%	907,923

**Funded Status and Funding Progress**

As of June 30, 2016, the actuarial accrued liability for benefits was \$4,288,736, of which \$4,288,736 was unfunded. The covered payroll (annual payroll of active employees covered by the plan) was \$1,149,521, and the ratio of the unfunded actuarial accrued liability to the covered payroll was 373% based on the valuation date of December 1, 2015.

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress, presented as required supplementary information following the notes to the financial statements, presents multiyear trend information that shows whether the actuarial value of the plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

**Actuarial Methods and Assumptions**

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 13 - Post-retirement Health Care Benefits (Continued)**

The following is a summary of the actuarial assumptions and methods:

Valuation Date	December 1, 2015
Actuarial Cost Method	Entry Age Normal Cost Method
Amortization Method	Level percentage of payroll
Remaining Amortization Period	24 years as of the valuation date
Asset Valuation Method	Not applicable
Actuarial Assumptions:	
Discount Rate	4.5%
Inflation	2.75%
Healthcare Cost Trend	4.00%
Payroll Growth	2.75%

**Note 14 - Commitments and Contingencies**

1993 Cachuma Project Authority Bonds

In 1996 COMB merged with the Cachuma Project Authority (CPA) and as a result of this merger COMB became the agency responsible for the oversight and payment of the 1993 CPA bonds. These bonds have not been recorded on the books of COMB since three of the Member Agencies are obligated under Joint Participation Agreements to make the principal and interest payments on behalf of COMB.

On August 19, 2004, COMB refinanced the 1993 CPA bonds with the 2004 Cachuma Operation and Maintenance Board Bonds (“Bonds”) for \$4,480,000 at varying interest rates from 3.000% to 4.625% on behalf of three Member Agencies. Each of the three Member Unit participants has entered into one or more joint participation agreements with COMB pursuant to which the Member Unit is obligated to make certain payments with respect to certain additions, betterments, extensions or improvements to such Member Unit’s water system. Such payments will constitute revenues pledged to secure the payment of the principal of and interest on the Bonds.

As of June 30, 2016, Carpinteria and Montecito have paid off their portion of the bond obligation, leaving only ID No. 1 with an outstanding bond obligation. ID No. 1 pays their share of the required payments, including interest and principal, directly to the bond issuer. No money is passed through COMB.

Legal Contingencies

In the ordinary course of conducting business, various legal proceedings may be pending; however, in the opinion of COMB’s management, the ultimate disposition of these matters will have no significant impact on the financial position of the COMB.

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 14 - Commitments and Contingencies (Continued)**

Emergency Pumping Facilities Project Operating Costs

As a part of the construction and operating agreement, COMB is obligated to pay \$98,000 a month for operating costs to Cushman Contracting until the pumping facility is disposed.

Commitments

COMB has entered into several contracts with various vendors totaling approximately \$1,554,000. Of this amount, approximately, \$1,262,000 had been paid as of June 30, 2016.

**Note 15 - Reclassifications**

Certain reclassifications were made to prior year balances in order to confirm with current year presentation.

**Note 16 - Subsequent Events**

American Riviera Bank Notes Payable

On July 25, 2016, the draw down period on the notes payable ended and COMB received repayment agreements. The combined outstanding balance on the notes was \$2,601,317 at July 25, 2016. Per the repayment agreements, the notes are due over a period of 5 years with combined monthly payments of \$47,384, including principal and interest. The interest rates on the notes are 3.5%. COMB will make payments on behalf of the participating member units and will assess Goleta Water District, Carpinteria Valley Water District and Montecito Water District each member units' share of the debt service payment quarterly. The following table shows the allocation of the notes payable balance by participating Member Agency.

	<u>Amount</u>	<u>Allocation</u>
Goleta Water District	1,638,830	63%
Carpinteria Valley Water District	494,250	19%
Montecito Water District	468,237	18%
	<u>\$ 2,601,317</u>	<u>100%</u>

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

**Note 16 - Subsequent Events (Continued)**

American Riviera Bank Notes Payable (Continued)

The total annual requirements to amortize the notes payable as of July 25, 2016 are as follows:

	Principal	Interest	Total
2017	\$ 442,932	\$ 78,287	\$ 521,219
2018	500,027	68,576	568,603
2019	518,075	50,528	568,603
2020	536,697	31,905	568,602
2021	556,146	12,456	568,602
2022	47,440	243	47,683
	<u>\$ 2,601,317</u>	<u>\$ 241,995</u>	<u>\$ 2,843,312</u>

On August 19, 2016, Carpinteria Water District paid its allocation of the notes payable in full.

On September 1, 2016, American Riviera Bank issued a revised repayment schedule. The notes are due over a period of 5 years with combined monthly payments of \$38,478, including principal and interest. The interest rates on the notes are 3.75%. COMB will make payments on behalf of the participating member units and will assess Goleta Water District and Montecito Water District each member units' share of the debt service payment quarterly.

The total annual requirements to amortize the notes payable, including the allocation between Goleta Water District and Montecito Water District, as of September 1, 2016 are as follows:

	Principal	Interest	Total	Goleta Water District	Montecito Water District
2017	\$ 324,098	\$ 60,682	\$ 384,780	\$ 300,128	\$ 84,652
2018	402,389	59,346	461,735	360,153	101,582
2019	417,958	43,778	461,736	360,154	101,582
2020	434,062	27,674	461,736	360,154	101,582
2021	450,923	10,813	461,736	360,154	101,582
2022	38,358	120	38,478	30,013	8,465
	<u>\$ 2,067,788</u>	<u>\$ 202,413</u>	<u>\$ 2,270,201</u>	<u>\$ 1,770,757</u>	<u>\$ 499,444</u>

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**NOTES TO THE FINANCIAL STATEMENTS**

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**Note 16 - Subsequent Events (Continued)**

Contract Commitments

As of December 19, 2016 COMB has executed approximately \$1,410,000 in contractual commitments since June 30, 2016. Majority of these contracts are for the Quiota Creek crossing projects.

Subsequent events have been evaluated through December 19, 2016 the date that the financial statements were available to be issued.

# Required Supplementary Information

**DRAFT**



**CACHUMA OPERATIONS AND MAINTENANCE BOARD  
A COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN  
AS OF JUNE 30, 2016  
LAST 10 YEARS\***

**CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
SCHEDULE OF CACHUMA OPERATIONS AND MAINTENANCE BOARD'S  
PROPORTIONATE SHARE OF THE NET PENSION LIABILITY**

	<u>2016</u>	<u>2015</u>
Proportion of the net pension liability	0.01690%	0.01800%
Proportionate share of the net pension liability	1,160,030	\$ 1,120,314
Covered - employee payroll	1,030,191	\$ 1,021,786
Proportionate Share of the net pension liability as percentage of covered-employee payroll	112.60%	109.64%
Plan fiduciary net position as a percentage of the total pension liability	81.67%	81.76%

**Notes to Schedule:**

*Benefit changes:* The figures above do not include any liability impact that may have resulted from plan changes which occurred after the June 30, 2015 valuation date.

*Changes of Assumptions:* The discount rate was changed from 7.5 percent (net of administrative expenses) to 7.65 percent to correct for an adjustment to exclude administrative expense.

\* - Fiscal year 2015 was the 1st year of implementation, therefore only two years are shown.

**CACHUMA OPERATIONS AND MAINTENANCE BOARD**  
**A COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN**  
**AS OF JUNE 30, 2016**  
**LAST 10 YEARS\***  
**CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM**  
**SCHEDULE OF CONTRIBUTIONS**

	<u>Miscellaneous</u>	
	<u>2016</u>	<u>2015</u>
Contractually required contribution (actuarially determined)	\$ 139,831	\$ 133,619
Contributions in relation to the actuarially determined contributions	\$ 139,831	\$ 133,619
Contribution deficiency (excess)	\$ -	\$ -
Covered-employee payroll	\$ 1,030,191	\$ 1,021,786
Contributions as a percentage of covered-employee payroll	10.76%	13.08%

**Notes to Schedule:**

Valuation date:	6/30/2014	6/30/2013
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The actuarial methods and assumptions used to set the actuarially determined contributions for fiscal year 2015-2016 were derived from the June 30, 2013 funding valuation report.

\* - Fiscal year 2015 was the 1st year of implementation, therefore only one year is shown.

**CACHUMA OPERATIONS AND MAINTENANCE BOARD  
SCHEDULE OF FUNDING PROGRESS  
OTHER POST-EMPLOYMENT BENEFITS (OPEB) PLAN  
AS OF JUNE 30, 2016**

	(A)	(B)	(C)	(D)	(E)	(F)
Actuarial Valuation Date	Actuarial Accrued Liability (AAL)	Actuarial Value of Assets	Unfunded AAL (UAAL) (A) - (B)	Funded Ratio (B)/(A)	Annual Covered Payroll	UAAL as a % of Payroll (C)/(E)
12/1/2009	\$ 1,164,773	-	\$ 1,164,773	-	\$ 1,160,852	100%
12/1/2012	2,132,682	-	2,132,682	-	1,360,492	157%
12/1/2015	4,288,736	-	4,288,736	-	1,149,521	373%

**DRAFT**

# Other Supplementary Information

**DRAFT**

**CACHUMA OPERATION AND MAINTENANCE BOARD  
SUPPLEMENTAL SCHEDULE OF OPERATION AND MAINTENANCE,  
GENERAL AND ADMINISTRATIVE AND OTHER MAINTENANCE EXPENSE  
For the Years Ended June 30, 2016 and 2015**

	<u>2016</u>	<u>2015</u>
Operation and Maintenance Division		
Operation and Maintenance Expense		
Salaries and benefits	\$ 626,466	\$ 686,113
Contract labor	25,588	29,024
Equipment	5,502	4,495
Equipment rental	2,068	2,613
Materials and supplies	37,489	16,991
Vehicle maintenance	24,797	31,448
Other expenses	39,495	39,153
Total operation and maintenance expense	<u>\$ 761,405</u>	<u>\$ 809,837</u>
General and Administrative Expense		
Administration salaries	\$ 218,886	\$ 329,143
Accrued wages and vacation	567	10,467
Directors fees and expense	13,256	8,364
Legal and audit	55,173	260,654
Liability insurance	41,273	36,996
Health insurance and workers compensation	37,100	70,118
Retirement plan contributions	262,665	262,400
Payroll tax expense	16,269	22,851
Office supplies and expense	41,894	41,712
Administrative travel and conferences	302	1,388
Membership dues	7,908	6,881
Employee training	84	189
Public information	507	784
Other expenses	29,590	24,104
Total general and administrative expense	<u>\$ 725,474</u>	<u>\$ 1,076,051</u>
Fisheries Division		
Operation and Maintenance Expense		
Salaries and benefits	\$ 502,254	\$ 493,996
Contract labor	16,628	23,024
Vehicles and equipment	17,000	15,768
Materials and supplies	3,924	4,235
Other expenses	1,615	2,111
Total operation and maintenance expense	<u>\$ 541,421</u>	<u>\$ 539,134</u>

*See accompanying notes*

**DRAFT**



**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**SUPPLEMENTAL SCHEDULE OF OPERATION AND MAINTENANCE,**  
**GENERAL AND ADMINISTRATIVE AND OTHER MAINTENANCE EXPENSE (CONTINUED)**  
**For the Years Ended June 30, 2016 and 2015**

Fisheries Division (Continued)	<u>2016</u>	<u>2015</u>
General and Administrative Expense		
Administration salaries	\$ 134,131	\$ 178,793
Health insurance and workers compensation	23,907	38,435
Retirement plan contributions	5,659	9,949
Payroll tax expense	7,918	12,000
Office supplies and expense	21,723	22,604
Administrative travel and conferences	1,976	2,019
Membership dues	4,122	3,573
Legal and audit	61,786	35,702
Accrued wages and vacation	642	4,674
Liability insurance	23,499	23,569
Other expenses	17,342	15,029
Total general and administrative expense	<u>\$ 302,705</u>	<u>\$ 346,347</u>
Fishery related projects		
FMP implementation	\$ 45,399	\$ 58,646
GIS and mapping	6,047	9,545
Grants technical support	9,690	4,080
SYR hydrology technical support	1,583	686
USGS stream gauge program	76,552	74,575
Tri county fish team funding	5,000	5,000
Oak tree restoration program	55,059	72,031
Total fishery related projects	<u>\$ 199,330</u>	<u>\$ 224,563</u>
Other Maintenance Expense and Habitat Enhancement		
Flow meter upgrades and SCADA system	\$ 7,446	\$ 6,346
COMB building / grounds repair	7,623	977
Intergraded regional water management plan	4,006	1,436
SCC structure rehabilitation	24,452	27,183
GIS and mapping	7,057	11,522
Quiota Creek Crossing # 0, 3, 4, 5, 8	950,105	122,541
Tributary projects support	4,998	5,258
North Portal elevator rehabilitation	-	263,120
ROW management program	18,898	4,956
NP jet flow control valve	875	80,264
V-ditch clean up project	-	30,000
Watershed sanitary survey	25,519	-
Mission Creek pipe repair	55,485	-
North portal and South portal slope stabilization	16,273	-
Total other maintenance expense and habitat enhancement	<u>\$ 1,122,737</u>	<u>\$ 553,603</u>

*See accompanying notes*

**DRAFT**



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.”*

December 19, 2016

## **General Manager Report**

The following summary provides the Board with information and an overview of progress on current COMB activities.

### Meetings

- Cachuma Project Member Agency Meeting

The Cachuma Project Member Agency Managers meeting is hosted monthly by the Santa Barbara County Water Agency and was held on Wednesday, December 7, 2016. The agenda topics included discussions on the remaining supply in the lake, supply and demand projections, evaporation scenarios, and the Master Contract renewal process.

COMB provided the group with an extensive, all sources supply and demand schedule based on projected information submitted by all Member Agencies. This information will develop and evolve over time and will assist the Manager group with comprehensive planning efforts.

The County Water Agency requested confirmation from Reclamation regarding a Cachuma Project stakeholder agreed upon evaporation methodology in which evaporative losses are shared proportionately among all storage accounts in the lake with the exception of BNA stored water. The proposed methodology is to become effective January 1, 2017. Reclamation concurred with the County's proposal and provided written confirmation to the group.

- Regional Drought Task Force Field Meeting

Elected officials and local water agency representatives and staff attended a meeting on Monday, December 12<sup>th</sup> to discuss topics of interest pertaining to the ongoing drought conditions affecting California and in particular, Santa Barbara County. State Senator Hannah-Beth Jackson and Congressman Elect Salud Carbajal were present, among other representatives from the State, to provide comments and insight for regional collaboration and to encourage agencies and stakeholders to work together in order to effectively maximize available resources for communities within Santa Barbara County.

### Administration

- ACWA/JPIA Presidents Award

Each year at the AWCA/JPIA fall conference, the JPIA recognizes members that have a loss ratio of 20% or less in the Liability, Property or Workers Compensation Programs. The members with this distinction receive the Presidents Special Recognition Award certificate for each qualified Program. The JPIA awarded COMB a certificate recognizing a low ratio of paid claims and case reserves related to the Property Program.

- Water Rates

On Friday, December 2<sup>nd</sup>, COMB hosted a conference call which included a USBR representative from Reclamation's rate-setting branch in Sacramento and the Cachuma Project water ratepayers. The purpose of the call was to provide a forum for detailed discussion and explanation on how the Cachuma Project water rates are formulated. Representatives from each of the rate-paying agencies participated with questions and comments about the calculation of the 2015 and 2016 water rates. Reclamation was able to answer questions and provide necessary information to those who participated.

Operations Division Activities

- Drought Emergency Pumping Facility Project (EPFP)

The EPFP is currently operating in approximately 31' of lake depth with average flows of 5 mgd for the month of December with one to two pumps performing at approximately 90% capacity. As of December 14th, lake storage was 15,200 AF with a corresponding elevation of 648.19'. A brief power outage occurred on December 13<sup>th</sup> with power being restored within one hour. The pumping system continues to perform and operate as originally designed.

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

- Update on Emergency Pumping Facility Proposed Secured Pipeline Project

The request from the Board for additional, detailed alternative courses of action and supporting materials related to the proposed secured pipeline project is currently being developed by COMB's engineering consultant, HDR Engineering, and COMB staff. Due to time constraints between the November Board meeting and the December Board meeting, a draft technical memorandum related to previously presented strategies and scenarios was not fully advanced for Board presentation at this time. In the interim, staff is in the process of preparing information including alternatives relative to the proposed project, options on disposition of the barge facility, water quality and treatment considerations respective to the proposed part-two pipeline, a scope and schedule for the permitting process, and grant funding possibilities. The draft technical memorandum, once completed, will be presented to the Member Agency General Managers and technical staff prior to submission to the Board. In the meantime, information obtained from initial studies approved by the Board will provide additional data relative to making an informed decision.

On a related note, as requested at the November Board meeting, staff is currently developing a request for proposals for an assessment of the North Portal Intake Tower at the lake.

- Water Systems Efficiency Study

Water Systems Optimization (WSO) has conducted field visits of all system input meters. Work activities have included the creation of a system summary google map, including meter photos, meter characteristics, and installation conditions, to confirm conceptual understanding of system configuration. WSO is currently evaluating field data and as-built drawings to determine installation conditions for all system meters. WSO scheduled a conference call with operations staff for Thursday, December 15<sup>th</sup> for further technical discussion regarding system components and analysis.

Fisheries Division Activities

The Fisheries Division staff continues to monitor water quality within Hilton Creek, the Stilling Basin and Lake Cachuma, with specific attention to Hilton Creek and the remaining *O. mykiss* population. Staff worked with the USGS on successfully installing the new stream gauge near the lower release point of Hilton Creek. All mitigation trees at the Crossing 0A and Crossing 4 creek restoration project sites have been planted with surrounding hydro mulch applied. General maintenance and monitoring efforts continue with the Oak Tree Program of work.

Respectfully Submitted,

*Janet Gingras*

General Manager

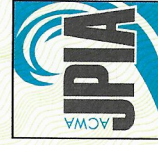


# *President's Special Recognition Award*

*The President of the  
ACWA JPIA  
hereby gives Special Recognition to*

## *Cachuma Operation and Maintenance Board*

*for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums"  
in the Property Program for the period 04/01/2012 - 03/31/2015  
announced at the Board of Directors' Meeting in Anaheim.*



*November 28, 2016*

*E. G. "Jerry" Gladbach*

*E. G. "Jerry" Gladbach, President*



# EMERGENCY PUMPING FACILITY PROJECT FY 2016/2017

Attachment A

AS OF: 11/30/2016

**FY 16/17 APPROVED BUDGET**

Emergency Pumping Facility Project

ACCT #6120

**\$ 1,846,250.00 Total Budget Approved FY 16/17**

FY 16/17 EMERGENCY PUMPING FACILITY PROJECT				
CONSULTANTS	BUDGET	EXPENDED	BALANCE	Description
Cushman Contracting	1,746,250.00	524,183.90	1,222,066.10	Construction - Phase II/Operations
HDR Engineering	100,000.00	43,019.08	56,980.92	Contract Management tasks
Musick, Peeler & Garrett	-	69.00	(69.00)	Legal costs
American Riviera Bank	-	7,045.23	(7,045.23)	Loan fees/Interest (CVWD/GWD/MWD)
Misc	-	-	-	Materials, supplies, Permits, etc.
Totals	\$ 1,846,250.00	\$ 574,317.21	\$ 1,271,932.79	

FY 15/16 EMERGENCY PUMPING FACILITY PROJECT				
CONSULTANTS	BUDGET	EXPENDED	BALANCE	Description
Cushman Contracting	2,219,250.00	1,954,734.86	264,515.14	Construction - Phase II/Operations
HDR Engineering	100,000.00	80,942.54	19,057.46	Contract Management tasks
PGE (Site 2)	150,000.00	107,880.35	42,119.65	PGE reconducting costs (6 mo's) (Eng)
PGE	240,000.00	-	240,000.00	PGE electrical costs (6 mo's)
Musick, Peeler & Garrett	-	13,662.00	(13,662.00)	Legal costs
American Riviera Bank	-	82,144.46	(82,144.46)	Loan fees/Interest (CVWD/GWD/MWD)
Misc	-	1,518.75	(1,518.75)	Materials, supplies, Permits, etc.
Totals	\$ 2,709,250.00	\$ 2,240,882.96	\$ 468,367.04	

FY 14/15 EMERGENCY PUMPING FACILITY PROJECT				
CONSULTANTS	BUDGET	EXPENDED*	BALANCE	Description
Cushman Contracting	3,818,000.00	3,842,509.46	(24,509.46)	Construction - Phase II/Operations
HDR Engineering	150,000.00	71,618.52	78,381.48	Contract Management tasks
Musick, Peeler & Garrett	-	22,609.00	(22,609.00)	Legal costs
PGE Construction	125,000.00	111,907.00	13,093.00	
PGE Monthly Costs	32,565.00	9,631.02	22,933.98	Electricity charges
PGE Monthly Costs	-	2,500.00	(2,500.00)	Deposit-pump station location #2 eng.
RMC Water & Environment	-	999.81	(999.81)	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	-	60,120.92	(60,120.92)	Loan fees/Interest (CVWD/GWD/MWD)
Misc	-	1,214.97	(1,214.97)	Materials, supplies, Permits, etc.
Totals	\$ 4,125,565.00	\$ 4,125,565.00	\$ 0.00	

*\*Participating Member Units were assessed Actual Expenditures only.*

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/RFP-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
Rodney Hunt-Fontaine	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
Totals	\$ 986,000.00	\$ 917,292.25	\$ 68,707.75	

COMBINED FY 13/14; 14/15; 15/16 & 16/17 Totals			
BUDGET	EXPENDED	BALANCE	
\$ 9,667,065.00	\$ 7,858,057.42	\$ 1,809,007.58	

**CACHUMA OPERATION AND MAINTENANCE BOARD**

**MEMORANDUM**

**DATE:** December 19, 2016  
**TO:** Janet Gingras, General Manager  
**FROM:** Dave Stewart, Operations Division Manager  
**RE: MONTHLY OPERATIONS DIVISION REPORT**

**Operations**

The Annual Work Plan sets forth all activities necessary to ensure system reliability. Consistent with the Plan, Operation and Maintenance staff performs routine maintenance on the water distribution and storage system. Staff continuously endeavors to improve the system, address deficiencies and identify items for inclusion in the COMB Infrastructure Improvement Plan (IIP).

**Lake Cachuma Operations**

The total flow from Lake Cachuma into the Tecolote Tunnel for November was 945.9 acre-feet, for an average daily flow of 31.53 acre-feet. Lake elevation was 646.71 feet at the beginning of the month and 647.46 feet at the end. Storage change increased 486 acre-feet. CCWA wheeled 1369 acre-feet of water to Cachuma Project facilities.

**Operation and Maintenance Activities**

COMB Operations Staff regularly performs the following duties:

- Operate and maintain the SCC and all its facilities on the South Coast:

South Coast Conduit - Structure Inventory													
Reach	Endpoints	Linear Length (ft)	Pipe Diameter	Regulating Storage Reservoirs	Meters	Air Vents	Blow-Offs	Turnouts	Open Air Vents	Valves	Valve Size	Slide Gates	Capacity / Volume (gal)
Upper	Glen Annie Turnout (S. Portal) - Cater Water Treatment Plant	64,050	48"	2	5	32	35	18	2	115	4" - 48"	7	6,017,421
Lower	Cater Water Treatment Plant - Carpinteria Reservoir	90,910	27" - 36"	2	15	26	31	42	4	144	4" - 36"	-	3,190,171

- Operation of the Lake Cachuma North Portal Intake Tower and Jet Flow Valve
- Regulate and maintain flows from the Lake Cachuma Emergency Pumping Facility (EPF) pumping barge to adequately meet the needs of each South Coast member agency
- Dam inspections and instrumentation reports (all (4) regulating reservoirs)
- Weekly Safety meetings
- Weekly Rodent Bait (all (4) regulating reservoirs)
- Weekly Toe Drain and Piezometer reads at Ortega Reservoir (L23)
- Structure maintenance per the Operations Division Work Plan
- USA Dig Alert – Respond to alerts, as necessary

- Pesticide reporting for the County of Santa Barbara
- Operational tests of generators at the North Portal and Lauro Yard
- Inspection of all fire extinguishers
- Take readings and record anodes and rectifier data
- Take water samples at Lake Cachuma
- Cleaning, inspection, and tool inventory of all vehicles
- Clean and organize service yard and all buildings

*Weekly Safety Meetings:*

The primary purpose of the weekly safety meetings is to continue educating staff on safe practices in the field and on-site. In the safety meetings, staff is urged to ask questions regarding the topic being discussed and to think of related examples. The discussion also includes how the incident could have been prevented. Regular safety meetings help staff to constantly be aware of safety practices while on the job. The following topics were reviewed this past month:

- ✓ Code of Safe Practices
- ✓ Chemical Storage Safety

COMB Operations Staff specifically performed the following activities:

- Implemented a system shutdown on December 12<sup>th</sup> for inspection of the Tecolote Tunnel Adit structure, sitting adjacent to the intake tower at Lake Cachuma. All concrete was found in good condition, and two or three feet of sediment was discovered along the bottom of the tunnel.
- Assisted Goleta Water District (GWD) representatives in collection of water samples at the South Portal in order to assess water quality of the Tecolote Tunnel's intrusion water.
- Continued inspection and maintenance of all Blow-Off structures on the Upper Reach of the South Coast Conduit (SCC), as described within the annual Work Plan.
- Farwest Corrosion Control Company performed an Annual Cathodic Protection Survey, including the inspection and testing of all rectifiers and anodes installed along the SCC.
- Operations Division routinely inspects all job sites, reservoirs, and the South Coast Conduit for items to add to the Infrastructure Improvement Plan (IIP) as future projects.

Current IIP projects include:

- Air Vacuum Air Release (AVAR) Valve and Blow-off Structure Rehabilitation & Replacement
- Lauro Stop Valve Replacement
- 2016 Watershed Sanitary Survey Update
- North Portal Access Road Repair
- North Portal Jet Flow Control Valve
- Lauro Tunnel Concrete Pipe Supports

**Tunnel Adit Inspection**







**Blow-Off Structure Maintenance**



# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	December 19, 2016
Submitted by:	Tim Robinson
Approved by:	Janet Gingras

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**SUBJECT:** Quiota Creek Crossing 0A Fish Passage Improvement Project, Update

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**SUMMARY:**

***Project Description:*** A 55-foot prefabricated bottomless arched culvert is planned to replace the current concrete low flow crossing at Quiota Creek Crossing 0A. The project has removed a fish passage barrier and opened up unimpeded juvenile and adult fish passage for the endangered southern steelhead to NMFS designated critical habitat upstream.

***Project Location:*** The nearest town is Santa Ynez. Quiota Creek Crossing 0A is located off of Hwy 246 via Refugio Road 2 miles south of Hwy 246 on private property. No access is permitted to the public.

***Contractor:*** Peter Lapidus Construction (PLC); the construction contract who won the competitive bid, was issued a Notice to Proceed on 10/13/16 for \$315,970.

***Design Engineer:*** Michael Garelo, HDR Fisheries Design Center.

***Resident Engineer:*** Gino Filippin, Filippin Engineering.

***County Oversight:*** David Vyeniello, Mark Matson and Dana Eady (North County Planning and Development).

***Project Status and Timetable (as of the Board meeting date):***

Status	Time
Notice to Proceed	10/13/2016
Construction start	10/13/2016
Contract Time (approximate to complete all work)	2 months
Completion Date	12/15/2016
Number of construction work days (WD*) (expected)	44
Elapsed Time (WD)	44
Remaining Time (WDs to complete all work)	0
Time Elapsed to Date (%)	100%
*WD: Working Days.	

***Work Performed to Date:*** PLC has completed all clearing and grubbing, removed the concrete low flow crossing and culvert, excavated and poured both foundations, installed the bridge on 11/3/16, installed all the rock slope projection, completely backfilled the arch, installed the anti-graffiti coating, completed all instream work, paved the road on 12/12/16, hydro-mulched/seeded, finished all site cleanup and



successfully completed the project on 12/15/16. ConTech fabricated the arch-bridge system at Bethlehem Construction in Wasco, CA, and delivered the product in good condition on time. The pre-project condition (Figure 1), final construction and the finished project (Figures 2-8) are presented as the Exhibits.

**Work Projected for Next Month:** Complete the required reporting, obtain all final invoicing and finalize reimbursement requests.

**FINANCIAL IMPACT:**

A summary of the estimate and current project expenses is as follows.

	<b>Amount</b>	
<b>Revenues:</b>		
CDFW grant	\$671,635	
COMB services match	\$68,139	
COMB operating expenses match	\$34,130	
Landowner construction match	\$50,000	
	<b>Total:</b>	<b>\$823,904</b>
<b>Estimated Costs:</b>		
COMB operating expenses (match)	\$34,130	
Construction Engineer's Estimate	\$526,010	
ConTech bridge fabrication estimate	\$140,000	
	<b>Total:</b>	<b>\$700,140</b>
<b>Contracted Construction:</b>		
Construction Contract (PLC):	\$315,970	
ConTech Contract Amount:	\$132,038	
Change Order 1 (veg relocation, extra rebar+concrete, extra strapping) (approved):	\$31,446	
Change Order 2?:	\$0	
	<b>Adjusted Construction Contract Amount:</b>	<b>\$479,454</b>
<b>Amount</b>		
<b>Total Expenditure:</b>	<b>FY17</b>	<b>FY16</b>
PLC - Invoice 1:	\$177,760	
PLC - CO-1 (approved):	\$31,446	
ConTech Bridge (deposit):	\$44,013	
ConTech Bridge (final + tat):	\$87,618	
Geotechnical Services (Fugro) - Invoice 1:	\$2,903	
Geotechnical Services (Fugro) - Invoice 2:	\$772	
Resident Engineer - AECOM (fabrication) - Invoice 1:	\$4,294	
Resident Engineer - Gino Filippin (site construction) - Invoice 1:	\$3,383	
Oversight Engineer - AECOM (fabrication) - Invoice 1:		
Materials Testing - Krazan (Bethlehem) - Invoice 1:	\$2,228	
Materials Testing - Fugro (site construction) - Invoice 1:	\$5,514	
Cultural Monitoring (Chumash) - Invoice 1:	\$3,105	
COMB Legal Counsel Bid Packet + Contract review:		
Manzanita Nursery (mitigation oak trees) - Invoice 1:	\$311	
Tri-Co Reproduction - all invoices:	\$464	
SB County Permit Fees (all):	\$11,957	\$5,297
CDFW 1600 Permit Fee:		\$4,912
CDFW EIR/EIS CEQA Filing Fee:	\$3,070	
	<b>Total Paid:</b>	<b>\$10,210</b>
% Estimated Costs to Total Expenditures:	54.1%	
Estimated Costs minus Total Expenditures:	\$321,304	
Revenues minus Total Expenditures:	\$445,068	

**LEGAL CONCURRENCE:**

COMB legal counsel has reviewed and approved the project.

**ENVIRONMENTAL COMPLIANCE:**

All permits have been obtained and are being followed.

**COMMITTEE STATUS:**

The Fisheries Committee has reviewed and recommended to the Board to approve the project.

**RECOMMENDATION:**

For Board information only.

**LIST OF EXHIBITS:**

Construction photos:



**Figure 1:** Pre-project condition looking upstream.



**Figure 2:** Backfilling of the bridge.



**Figure 3:** Final stream grading.





**Figure 4:** Installing the road base.



**Figure 5:** Paving of the road over the bridge.





**Figure 6:** Hydro-mulching and seeding.



**Figure 7:** Finished product looking across the bridge.



**Figure 8:** Finished product looking upstream.



# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	December 19, 2016
Submitted by:	Tim Robinson
Approved by:	Janet Gingras

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**SUBJECT:** Quiota Creek Crossing 4 Fish Passage Improvement Project, Update

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**SUMMARY:**

**Project Description:** A 54-foot prefabricated bottomless arched culvert with four wing walls is planned to replace the current concrete low flow crossing at Quiota Creek Crossing 4. The project has removed a fish passage barrier and opened up unimpeded juvenile and adult fish passage for the endangered southern steelhead to NMFS designated critical habitat upstream. The project will also improve road safety and accessibility for the landowners and the public along S. Refugio Road.

**Project Location:** The nearest town is Santa Ynez. Quiota Creek Crossing 4 is located off of Hwy 246 via Refugio Road 4.5 miles south of Hwy 246. The road is closed at the project site.

**Contractor:** Peter Lapidus Construction (PLC); the construction contract who won the competitive bid, was issued a Notice to Proceed on 9/30/16 for \$695,629.

**Design Engineer:** Michael Garelo, HDR Fisheries Design Center.

**Resident Engineer:** Gino Filippin, Filippin Engineering.

**County Engineers:** Ron Bensel, Steven Manuel, Eric Pearson, Bert Johnson, and Jemmi Irabon.

**Project Status and Timetable (as of the Board meeting date):**

Status	Time
Notice to Proceed	9/30/2016
Construction start	10/3/2016
Refugio Road closure	10/3/2016
Contract Time (approximate to complete all work)	2.5 months
Completion Date and Refugio Road reopened (expected)	12/22/2016
Number of construction work days (WD*) (expected)	59
Elapsed Time (WD)	51
Remaining Time (WDs to complete all work)	8
Time Elapsed to Date (%)	86%
*WD: Working Days.	

**Work Performed to Date:** PLC completed all clearing and grubbing, removal of the concrete low flow crossing and culvert, excavation and pouring of both foundations, installed the bridge on 11/1/16, installed

all rock slope protection, completed all stream work, backfilled the arch, constructed and paved the road on 12/8/16, applied the anti-graffiti coating, installed the bridge rail and guardrail, planting of all mitigation trees, hydro-mulched/seeded the site, and initiated site cleanup with anticipation of completing the project and opening the road on 12/22/16. The pre-project condition (Figure 1), final construction and the finished project (Figures 2-8) are presented as the Exhibits.

**Work Projected for Next Month:** Obtain County final approval of the project and open the road by 12/22/16. Complete the required reporting, obtain all final invoicing and finalize reimbursement requests.

**FINANCIAL IMPACT:**

A summary of the estimate and current project expenses is as follows.

	<b>Amount</b>	
<b>Revenues:</b>		
CDFW grant	\$938,295	
COMB services match	\$68,420	
COMB operating expenses match	\$43,059	
COMB construction match	\$50,000	
	<b>Total:</b>	<b>\$1,099,774</b>
<b>Estimated Costs:</b>		
COMB operating expenses (match)	\$43,059	
Construction Engineer's Estimate	\$732,545	
Contech bridge fabrication estimate	\$200,000	
	<b>Total:</b>	<b>\$975,604</b>
<b>Contracted Construction:</b>		
Construction Contract (PLC)	\$695,629	
ConTech Contract Amount	\$195,278	
Change Order 1 (root wade + additional toe of slope rock + grading) (approved):	\$38,520	
Change Order 2?:	\$0	
	<b>Adjusted Construction Contract Amount:</b>	<b>\$929,427</b>
<b>Amount</b>		
<b>Total Expenditure:</b>	<b>FY17</b>	<b>FY16</b>
PLC - Invoice 1:	\$83,000	
PLC - Invoice 2:	\$194,866	
PLC - CO-1 (approved):	\$38,520	
ConTech Bridge (deposit):	\$65,093	
ConTech Bridge (final + tax):	\$129,582	
Geotechnical Services (Fugro) - Invoice 1:	\$1,632	
Resident Engineer - AECOM (fabrication) - Invoice 1:		
Resident Engineer - Gino Filippin (site construction) - Invoice 1:	\$6,057	
Materials Testing - Krazan (Bethlehem) - Invoice 1:	\$7,493	
Materials Testing - Fugro (site construction) - Invoice 1:	\$3,071	
Materials Testing - Fugro (site construction) - Invoice 2:	\$3,561	
COMB Legal Counsel Bid Packet + Contract review:		
Manzanita Nursery (mitigation oak trees) - Invoice 1:	\$392	
Tri-Co Reproduction - all invoices:	\$517	
SB County Encroachment Permit Fee:	\$20,303	\$10,000
CDFW 1600 Permit Fee:		\$4,912
	<b>Total Paid:</b>	<b>\$554,087 \$14,912</b>
% Estimated Costs to Total Expenditures:	56.8%	
Estimated Costs minus Total Expenditures:	\$421,517	
Revenues minus Total Expenditures:	\$545,687	



**LEGAL CONCURRENCE:**

COMB legal counsel has reviewed and approved the project.

**ENVIRONMENTAL COMPLIANCE:**

All permits have been obtained and are being followed.

**COMMITTEE STATUS:**

The Fisheries Committee has reviewed and recommended to the Board to approve the project.

**RECOMMENDATION:**

For Board information only.

**LIST OF EXHIBITS:**

Construction photos:



**Figure 1:** Pre-project condition looking upstream.





**Figure 2:** Final stream grading.



**Figure 3:** Final back filling of the arched bridge and installing the bridge rail posts.





**Figure 4:** Installation of the road base.



**Figure 5:** Paving of the road.





**Figure 6:** Installation of the Bridge rail and guardrail.



**Figure 7:** Hydro-mulching/seeding and a near complete project.





**Figure 8:** A near complete project.

# CACHUMA OPERATION AND MAINTENANCE BOARD

## BOARD MEMORANDUM

**DATE:** December 19, 2016  
**TO:** Janet Gingras, General Manager  
**FROM:** Tim Robinson, Fisheries Division Manager  
**RE: MONTHLY FISHERIES DIVISION REPORT**

### HIGHLIGHTS:

- Water delivery to Hilton Creek continues to be conducted by USBR through a submersible pump in the Stilling Basin that is pumping water to the Lower Release Point of Hilton Creek. Water quality conditions continue to be acceptable for the Hilton Creek *O. mykiss* population.
- The Long Pool downstream of the Stilling Basin and Bradbury Dam dried out for the first time in the history of the monitoring program due to the ongoing drought and no dam releases.
- The Quiota Creek Crossing 0A Project was successfully completed on 12/15/16 and is awaiting final approval by the County.
- The Crossing 4 Project is near completion. We hope to finish the project and open the road by 12/22/16 pending County approval.
- USGS installed the new gauging system on Hilton Creek.

In compliance with the 2000 Cachuma Project Biological Opinion (BiOp) (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 Fisheries Division Report that has been broken out by categories.

### LSYR Steelhead Monitoring Elements:

**Lake Profiles:** Lake Cachuma water quality measurements (temperature, dissolved oxygen concentration solids and turbidity) 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 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 the need to carefully monitor Lake Cachuma, lake profiles are being taken monthly throughout the year.

**Cachuma Lake Oak Tree Restoration Program:** COMB staff, with guidance from a 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.

**Hilton Creek Releases from a Submersible Pump placed in the Stilling Basin to the Lower Release Point:** U. S Bureau of Reclamation (USBR) continues to provide flows to Hilton Creek through an USBR installed small submersible pump on the south side of the Stilling Basin that is connected to the Chute Release Point of the Hilton Creek Watering System and allows water to be pumped directly to the Lower Release Point (LRP) of Hilton Creek. The system continues to successfully provide just enough water to sustain the remaining population of *Oncorhynchus mykiss* (*O. mykiss*) in Hilton Creek. A second backup submersible pump was installed by USBR on 11/8/16 but that delivered water still does not go through the Hilton Creek water tanks. Water quality conditions in Hilton Creek are being monitored at several locations and reported regularly to the Adaptive Management Committee.

**USGS gauge on Hilton Creek:** The U. S Geological Survey (USGS) completed the installation of the new gauging station just downstream of the LRP on Hilton Creek. That site (11125605, Hilton Canyon Creek 0.25 Miles Below Bradbury Dam Near Santa Ynez) is measuring stream discharge up to 50 cfs, temperature, and specific conductance. The previous site (11125600, Hilton Canyon Creek near Santa Ynez) located just downstream of the Upper Release Point (URP) continues to operate but is a stage gauge only. The data from both sites can be viewed real-time online at:  
<https://waterdata.usgs.gov/ca/nwis/current/?type=flow>

#### **Tributary Project Updates:**

**Quiota Creek Crossing 0A:** COMB received a 2014 CDFW-FRGP Grant for \$671,635 with a landowner construction match of \$50,000. The COMB Board approved the project through Resolution 612 on 5/23/16. The project broke ground on 10/13/16 and was successfully completed on 12/15/16 on time and within the budget. All are very pleased with the results of the project. A separate Board memo has been prepared with further detail.

**Quiota Creek Crossing 4:** COMB was awarded a 2015 CDFW-FRGP Grant on 3/30/15 for \$938,295 with a COMB construction match of \$50,000. The project broke ground on 10/3/16 and is expected to be completed by 12/22/16. A separate Board memo has been prepared with further detail.

**Quiota Creek Crossing 5:** As discussed and recommended by the COMB Board on 3/7/16, staff submitted a 2016 CDFW-FRGP Grant on 3/11/16 for \$893,287 with a COMB construction match of \$50,000. If funded, the project would most likely be built in the fall of 2017 pending design approval and permit acquisition.

**Quiota Creek Crossing 8:** This project and the required Cooperative Agreement with the County was discussed at the 5/4/16 Fisheries Committee meeting with approval by the Board on 5/23/16 to move forward with the project and the Cooperative Agreement. The County Board of Supervisors approved the Cooperative Agreement on 7/12/16. With a fully executed Cooperative Agreement, the County submitted a CalTrans grant application to fund the project and CalTrans approved the funding for a full bridge replacement. SBCAG approved the project on 11/17/16. The County is now working on a Professional Service Agreement with COMB to manage the project. Once completed, we will go through the CalTrans process for obtaining a Project Engineer and begin grant expenditures (January 2017), hold a field review meeting with CalTrans (January 2017), and then begin environmental review, permitting, design, flood area certificates, and Right of Way in February 2017. Pending the above, the project would be built in fall 2017 or 2018.

**Salsipuedes Creek – Jalama Road Fish Ladder:** There has been no action on the suggested repairs to this project

**El Jaro Creek – Cross Creek Ranch Fish Passage Facility:** There has been no action on the suggested repairs to this project

**Hilton Creek Watering System (HCWS) Repairs and Upgrades plus the Hilton Creek Emergency Backup System (HCEBS)**

The HCWS and HCEBS are owned, operated and maintained by USBR. The HCEBS was completed at the end of January 2016. An additional contract modification (Mod-005) is in process to have the contractor install security fencing and lighting for the HCEBS. With this system fully operational, USBR can now work on identified repairs to the HCWS which will be scheduled at some point. No work or maintenance has been conducted by USBR on either of these water delivery systems this past month.

**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 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 USBR is now using Project Yield to meet BiOp target flows. A WR 89-18 release began on 7/15/13 and ended on 12/2/13, another began on 8/18/14 and ended on 11/11/14, another began on 8/3/15 and ended on 9/26/15, and the 2016 WR 89-18 release started on 7/12/16. 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. The Adaptive Management Committee (AMC) called for two releases from the Adaptive Management Account (AMA), 35 acre-feet in October 2012 and 114 acre-feet in June 2013. What remains of the AMA is 351 acre-feet. There have been no releases from the Fish Passage Supplementation Account (FPSA). Determination of critical drought and the associated accounting and possible usage of the AMA and FPSA have not been finalized and approved by NMFS hence is not reflected in Table 1. No fish water during October was debited to any account due to extraction from the Stilling Basin below the dam and release to Hilton Creek below the dam.

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

<b>Accounts*</b>	<b>Allocation</b>	<b>Amount Used**</b>	<b>Amount Remaining</b>
<b>Units:</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>
<b>Fish Passage Supplementation</b>	3,200	0	3,200
<b>Adaptive Management</b>	500	149	351
<b>Fish Rearing***</b>	5,484	5,484	0
<b>Project Yield</b>		15,022	
<b>Total:</b>	9,184	20,655	3,551
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 11/30/16.			
*** 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:** Staff continues to work on the Annual Monitoring Reports. Staff has been providing information to USBR as requested in support of the recent Adaptive Management Committee meetings, Reconsultation, and operations requests.



***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 Garello) – Design, reporting and oversight work for the Quiota Creek Crossings 0A, 4, 5 and 8 projects.

***ICF*** (Jean Baldrige) – BiOp compliance tasks and support.

***COM3 Consulting*** (Gerald Comati) – Quiota Creek Crossing 8 CalTrans grant application.

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	December 19, 2016
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Janet Gingras

**SUBJECT:**                    **Lake Cachuma Oak Tree Restoration Program**

**SUMMARY:**

***Maintenance***

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since January, 2016 to the present (1/1/16 – 12/19/16, Table 1). Labor and expenses for the entire fiscal year (July 2016 - June 2017) 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 inventory of all trees planted has been presented to the Lake Cachuma Oak Tree Committee at its 2/25/16 meeting as well as the 2015 Lakeshore Survey, which sets the mitigation number for 2015. Both the 2014 Annual Report and 2015 Lakeshore Survey have been completed and distributed to the COMB Board.

**Table 1:** Cachuma Oak Tree Program completed tasks since January, 2016.

	Jan 2016	Feb 2016**	March 2016	April 2016	May 2016	June 2016	July 2016	Aug 2016	Sept 2016	Oct 2016	Nov 2016	Dec 2016
<b>Year 8 Oaks (2015-2016)</b>	New Trees	New Trees	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Mulched
	Gopher Baskets	Gopher Baskets	Weeded		Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	
	Fert/Comp	Fert/Comp										
	Deer Cages	Deer Cages										
	Mulch/Irrigated	Mulch/Irrigated										
<b>Year 7 Oaks (2014-2015)</b>		Weeded	Irrigated	Irrigated		Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	
		Mulched	Mulched	Weeded		Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	
			Weeded			Mulched	Mulched					
<b>Year 6 Oaks (2010-2011)</b>					Irrigated							
					Weeded							
<b>Year 5 Oaks (2009-2010)</b>								Irrigated				Cage maint.
								Weeded				
<b>Year 4 Oaks (2008-2009)</b>			Cage maint.		Irrigated							Cage maint.
<b>Year 3 Oaks (2007-2008)</b>			Cage maint.		Irrigated						Irrigated	Cage maint.
<b>Year 2 Oaks (2006-2007)</b>					Irrigated							
<b>Year 1 Oaks (2005-2006)</b>						Irrigated	Irrigated					

\*\*February work included Year 8 oak tree inventory.

With the arrival of several storms in the fall, the Fisheries Division stopped irrigating and switched their focus to cage maintenance of the older trees and mulched the newer trees (Year 8). Staff cut out the chicken wire cages on the Year 3-5 trees that were over 6 feet in height, which were tall enough to be out of the feeding

zone of browsing deer. In most cases, the oak trees were growing through the chicken wire cages (old caging method) and the branches were being girdled by the wire mesh (Exhibit 1a). The chicken wire cages are slowly being phased out and being replaced by larger, wider mesh cages (Exhibit 1b). In addition, crews are adding a fresh layer of mulch to the Year 8 trees adjacent to the Long Pool below Bradbury Dam.

**RECOMMENDATION:**

For Board information only.

**LIST OF EXHIBITS:**



**Exhibit 1:** Lake Cachuma Oak Tree Restoration Program showing (a) old chicken wire caging girdling an oak tree branch, and (b) galvanized fencing material with wider mesh size.



**16-17 ENTITLEMENT**

**CACHUMA OPERATION AND MAINTENANCE BOARD  
WATER PRODUCTION AND WATER USE REPORT  
FOR THE MONTH OF NOVEMBER 2016 AND THE WATER YEAR TO DATE**

(All in rounded Acre Feet)

						<b>MONTH TOTAL</b>	<b>YTD TOTAL</b>
<b>WATER PRODUCTION:</b>							
Cachuma Lake (Tec. Diversion)						946	2,378
Tecolote Tunnel Infiltration						38	81
Cachuma Lake (County Park)						2	3
State Water Diversion Credit						476	1,239
Bishop Ranch Diversion						0	0
Meter Reads						527	1,186
So. Coast Storage gain/(loss)						(19)	(7)
<b>Total Production</b>						<b>986</b>	<b>2,463</b>
<b>Total Deliveries</b>						<b>984</b>	<b>2,418</b>
Unaccounted-for						2	45
% Unaccounted-for						0.23%	1.81%
<b>WATER USE:</b>							
	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRWCD I.D. #1</b>	<b>TOTAL</b>	
M&I	0	393	115	0	2	509	
Agricultural	0	0	18	0	0	18	
	<b>0</b>	<b>393</b>	<b>132</b>	<b>0</b>	<b>2</b>	<b>527</b>	
<b>Unaccounted Reconciliation - Cachuma:</b>							
M&I	0	0	0	0	0	0	
Agriculture	0	0	0	0	0	0	
Unaccounted-for: Cachuma	0	0	0	0	0	0	
Unaccounted-for: SWP Report	0	0	0	0	0	0	
<b>Total Unaccounted-for:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL USE for Month</b>	<b>0</b>	<b>393</b>	<b>132</b>	<b>0</b>	<b>2</b>	<b>527</b>	
Same Mo/prev. yr	455	487	200	52	1	1,195	
M&I Yr to date	0	867	291	0	3	1,161	
Ag. Yr to date	0	0	54	0	0	54	
<b>TOTAL YTD</b>	<b>0</b>	<b>867</b>	<b>344</b>	<b>0</b>	<b>3</b>	<b>1,214</b>	
USAGE % YTD	11.8%	79.6%	100.0%	0.0%	25.4%	65.2%	
<b>Previous Year/YTD</b>	<b>1,022</b>	<b>1,154</b>	<b>497</b>	<b>192</b>	<b>3</b>	<b>2,868</b>	
Evaporation #	29	38	8	0	1	76	
Evaporation, YTD	66	119	33	0	3	220	
Entitlement ***	0	0	0	0	0	0	
Carryover	561	1,239	377	0	24	2,201	
Carryover Balances Spilled YTD	0	0	0	0	0	0	
Surplus^^	0	0	0	0	0	0	
State Water Exchange^	0	0	0	0	0	0	
Transfers/Adjustment ****	0	0	0	0	0	0	
Passthrough H2O**	0	0	0	0	0	0	
<b>TOTAL AVAILABLE</b>	<b>561</b>	<b>1,239</b>	<b>377</b>	<b>0</b>	<b>24</b>	<b>2,201</b>	
<b>REMAINING BALANCE</b>	<b>495</b>	<b>253</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>766</b>	
Percentage Remaining	88%	20%	0%	0%	75%	35%	

\*\*\* Per USBR advisory letter dated 10/21/2016 to SB County Water Agency, zero (0) of entitlement allocated.

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

State Water Deliveries to Lake Cachuma for November were: MWD 328 AF; CVWD 150 AF  
GWD 490 AF (Morehart 2 AF); City of S.B. 352 AF; and LaCumbre 45 AF; (Ratheon 2 AF).

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

City of SB received 0 AF; and CVWD received 0 AF from ID#1 in November 2016.

# Per USBR email dated 12/23/2015, evap charged to unallocated water until unallocated water is exhausted.

Unallocated water was exhausted during the month of July 2016. Prorated evaporation applied.

~ Reconciliation: Unaccounted-for water - (November: 2 AF) Small amount of unaccounted-for not allocated to MUs

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

MONTH: **November 2016**

**GLEN ANNIE RESERVOIR**

Capacity at 385' elevation:	518	AF
Capacity at sill of intake at 334' elevation:	21	AF
Stage of Reservoir Elevation	333.00	Feet
Water in Storage	21.82	AF

**LAURO RESERVOIR**

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	547.80	Feet
Water in Storage	479.30	AF

**ORTEGA RESERVOIR**

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	446.70	Feet
Water in Storage	18.56	AF

**CARPINTERIA RESERVOIR**

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	380.40	Feet
Water in Storage	35.95	AF

**TOTAL STORAGE IN RESERVOIRS**

	533.81	AF
Change in Storage	-18.64	AF

**CACHUMA RESERVOIR\***

Capacity at 750' elevation:	184,121	AF
Capacity at sill of tunnel 660' elevation:	24,281	AF
Stage of Reservoir Elevation	647.46	Feet
Water in Storage	14,727	AF
Surface Area	654	
Evaporation	202.4	AF
Inflow	200.0	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	0.0	AF
Outlet	0.0	AF
<b>Spill/Seismic Release</b>	0	AF
State Project Water	1369	AF
Change in Storage	486	AF
Tecolote Diversion	945.9	AF

**Rainfall:    Month:    1.21                      Season:    2.31                      Percent of Normal: 44%**

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

Contract Year: 10/1/16 to: 9/30/17

Contract Entity: **Carpinteria Valley Water District**  
 Last updated by C.O.M.B. 11/30/16

Approved Schedule Current Year: 0  
 Carryover Previous Year: 0

Month	TOTAL WATER USED		WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT		
	M & I	Agr	Evap	Div	Total	M & I	Agr	Total
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>

**CONVERSIONS**

STORAGE WATER	AGR	M & I
M & I	0	0
AGR	0	0

SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
Total	M&I	AG	Total
Begin Bal	0	0	0
Month			
Oct	0	0	0
Nov	0	0	0
Dec	0	0	0
Jan	0	0	0
Feb	0	0	0
Mar	0	0	0
Apr	0	0	0
May	0	0	0
Jun	0	0	0
Jul	0	0	0
Aug	0	0	0
Sep	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>

REMAINING BALANCES			
Total	M&I	AG	Total
Month			
Oct	0	0	0
Nov	0	0	0
Dec	0	0	0
Jan	0	0	0
Feb	0	0	0
Mar	0	0	0
Apr	0	0	0
May	0	0	0
Jun	0	0	0
Jul	0	0	0
Aug	0	0	0
Sep	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>

TOTAL 0

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

Contract Year: 10/1/16 to: 9/30/17

Contract Entity: **Goleta Water District**  
 Last updated by C.O.M.B. 11/30/16

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	Acre-feet Agr		Total	Evap	Div	Acre-feet	M & I	Allocation	Agr	M & I	Acre-feet Agr
Oct	0	0	561	0	37	0	37	0	37	0	0	0
Nov	0	0		0	29	0	29	0	29	0	0	0
Dec	0	0		0	0	0	0	0	0	0	0	0
Jan	0	0		0	0	0	0	0	0	0	0	0
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	0	0		0	0	0	0	0	0	0	0	0
May	0	0		0	0	0	0	0	0	0	0	0
Jun	0	0		0	0	0	0	0	0	0	0	0
Jul	0	0		0	0	0	0	0	0	0	0	0
Aug	0	0		0	0	0	0	0	0	0	0	0
Sep	0	0		0	0	0	0	0	0	0	0	0
Total	0	0	561	0	66	0	66	0	66	0	0	0

Month	STORAGE WATER		CONVERSIONS		SCHEDULES AND REVISIONS		
	M & I	Agr	M & I	Agr	M & I	AG	Total
Oct	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0
May	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	412	149	561

Month	REMAINING BALANCES	
	M & I	AG
Oct	524	112
Nov	495	83
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	412	412

TOTAL 495



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

Contract Year: 10/1/16 to: 9/30/17

Contract Entity: **Montecito Water District**  
 Last updated by **C.O.M.B. 11/30/16**

Approved Schedule Current Year: 0  
 Carryover Previous Year: 377

Month	TOTAL WATER USED		WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Total	M & I	Agr
Oct	176	36	212	25	237	197	40
Nov	115	18	132	8	140	121	19
Dec	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0
May	0	0	0	0	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	0	0	0	0	0
Total	291	54	344	33			

STORAGE WATER M & I: -40, Agr: 40  
 M & I: -19, Agr: 19  
 CONVERSIONS CURRENT SCHEDULE M & I: 0, Agr: 0  
 M & I: 0, Agr: 0

Month	SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr
Begin Bal	377	0	377	0
Oct	0	0	0	0
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	0	0
Feb	0	0	0	0
Mar	0	0	0	0
Apr	0	0	0	0
May	0	0	0	0
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Total	377	0	377	0

Month	REMAINING BALANCES		REMAINING BALANCES	
	M & I	Agr	M & I	Agr
Oct	140	0	140	0
Nov	0	-19	0	-19
Dec	0	0	0	0
Jan	0	0	0	0
Feb	0	0	0	0
Mar	0	0	0	0
Apr	0	0	0	0
May	0	0	0	0
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Total	140	-19	140	-19

TOTAL 0

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

Contract Year: 10/1/16 to: 9/30/17

Contract Entity: **City of Santa Barbara**  
 Last updated by C.O.M.B. 11/30/16

Approved Schedule Current Year: 0  
 Carryover Previous Year: 1239

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Total	M & I	Agr	Total
Oct	474	0	81	474	555	555	0	0
Nov	393	0	38	393	431	431	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>867</b>	<b>0</b>	<b>119</b>					

STORAGE WATER  
 M & I: 0  
 Agr: 0

CONVERSIONS  
 CURRENT SCHEDULE  
 M & I: 0  
 Agr: 0

SCHEDULE AND REVISIONS	
Total	M&I
Begin Bal	1,239
	1,239

REMAINING BALANCES	
Total	M&I
Oct	684
Nov	253
Dec	0
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
<b>Total</b>	<b>684</b>

TOTAL 253

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

Contract Year: 10/1/16 to: 9/30/17

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**  
 Last updated by C.O.M.B. 11/30/16

Month	Approved Schedule		Carryover	Previous Year	TOTAL WATER USED Acre-feet			WATER USE CHARGED TO CARRYOVER BALANCES Acre-feet			WATER USE CHARGED TO CURRENT ENTITLEMENT Acre-feet		
	Current Year				M & I	Agri	Total	Evap	Div	Total	M & I	Agri	Total
	0		24		2	0	2	2	3	0	0	0	
Oct					2	0	2	2	3	0	0	0	
Nov					0	0	0	1	0	0	0		
Dec					0	0	0	0	0	0	0		
Jan					0	0	0	0	0	0	0		
Feb					0	0	0	0	0	0	0		
Mar					0	0	0	0	0	0	0		
Apr					0	0	0	0	0	0	0		
May					0	0	0	0	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	0	0	0	0	0		
<b>Total</b>	<b>0</b>	<b>0</b>	<b>24</b>		<b>3</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>24</b>	<b>0</b>	<b>0</b>		

**CONVERSIONS**

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

**SCHEDULE AND REVISIONS**

Month	SCHEDULE AND REVISIONS	
	M & I	Agri
Begin Bal	0	0
Oct	0	0
Nov	0	0
Dec	0	0
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
<b>Total</b>	<b>24</b>	<b>0</b>

**COUNTY PARKS**

Month	REMAINING BALANCES	
	M & I	Agri
A.F. Used	1.72	0
Oct	1.72	0
Nov	0	0
Dec	0	0
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
<b>Total</b>	<b>1.72</b>	<b>0</b>

TOTAL 18



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

MONTH	DELVRD TO LAKE		CVWD		MWD		Evap/Spill		Delvd to SC		S.B.		GWD		Evap/Spill		Delvd to SC		LCMW		Evap/Spill		RSYS		Delvd to SC		MLC			
	0	0	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Evap	Spill	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Evap	Spill	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Evap	Spill	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bal. Fwd	833	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
January	789	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	1284	170	52	118	725	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	1152	192	130	111	331	18	3	331	807	231.4	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	658	108	139	95	237	23	6	282	725	231.4	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	371	0	50	84	0	30	4	0	282	231.4	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
June	306	0	0	48	0	21	2	0	237	231.4	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
July	40	0	0	0	0	12	0	0	258.7	231.4	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
August	42	0	0	0	0	0	0	0	224.7	231.4	428	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	299.6	231.4	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	60	20	0	20	0	0	0	0	174	231.4	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	7	0	0	0	0	0	0	0	35	231.4	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	5542	490	0	475.7	14	870	0	128	2552	2552	1548	0	0	0	21	1526	35	140	149	355	15	0	0	0	0	0	0	0	0	
<b>Total</b>																														

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

MONTH	DELVRD TO LAKE		CVWD		MWD		Evap/Spill		Delvd to SC		S.B.		GWD		Evap/Spill		Delvd to SC		LCMWC		Evap/Spill		RSYS		Delvd to SC		MLC		
	0	0	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Evap	Spill	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Evap	Spill	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Evap	Spill	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bal. Fwd	653	54	38	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
January	693	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	965	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	1283	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	1309	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	1261	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	1342	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	1372	135	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	1310	225	246	96	4	14	4	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	1400	180	291	112	7	16	7	350	288	77	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	1369	150	401	24	0	16	0	328	533	48	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	0	0	0	0	0	0	0
December	12957	844	401	377	4	55	4	1053	533	490	15	15	4839	1598	3065	102	274	5740	529	4275	28	709	60	444	27	17	0	0	0
<b>Total</b>																													

**Notes:**  
 September 2016 - GWD transferred 170.64 AF SWP water to City of SB per overlap agreement  
 November 2016 - GWD transferred 28.6 AF SWP water to City of SB per overlap agreement (monthly reconciliation)



**Santa Barbara County Parks Division,  
Cachuma Lake Recreation Area**



**Summary of Aquatic Invasive Species Vessel Inspection Program  
and Early Detection Monitoring Program: **November 2016****

<b>Cachuma Lake Recreation Area Launch Data -- November 2016</b>		
<b>Inspection Data</b>		
Total Vessels entering Park	48	
Total Vessels launched	48	
Total Vessels Quarantined	0	0%
Returning with Boat Launch Tag	0	0%
New: Removed from Quarantine	*	
Kayak/Canoe: Inspected, launched	48	100%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
<b>Quarantine Data</b>		
Total Vessels Quarantined	0	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	0	
<b>Quarantine Cause</b>		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	0	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	0	
<b>Demographic Data</b>		
Quarantined from infected county	0	
Quarantined from SB County	0	
Quarantined from uninfected co	0	

Boat Launch Tags: Boats with Cachuma Lake Boat Launch Tags attach boat to trailer.

No mussel species have been located on any vessel entering Cachuma Lake as of the last day of this month.

\* These conditions are no longer being tracked.

**EARLY DETECTION MONITORING PROGRAM SUMMARY**

**Summary:** No Dreissenid mussels were detected  
 Inspection Site: Cachuma Lake Marina, Santa Barbara County, California  
 Inspection Date and Time: 2016.11.19; 10:00 – 12:00 PDT  
 Method: 5 PVC/Cement Sampling Stations; 54 linear feet of line  
 Surveyors: Rosey Bishop and John Viggianelli  
 Lake elevation: Max feet: 753.00, current: 646.96; Max acre-feet: 193,305, current: 14,403;  
 Current capacity: 7.50%



# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	December 19, 2016
Submitted by:	Janet Gingras

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**SUBJECT:**        **2017 COMB Regular Board Meeting Calendar**

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**SUMMARY:**

On July 25, 2016, the Board passed Resolution No. 622, establishing the time and place for regular Board meetings. Unless otherwise noted, the regular meetings of the COMB Board of Directors shall be held on the fourth Monday of each month, at 2:00 p.m., at 3301 Laurel Canyon Road, Santa Barbara, CA 93105. However, if a Holiday falls on or near the fourth Monday of a month, the regular meeting has historically been moved to the third Monday of that month. The attached schedule outlines the regular Board meeting dates for calendar year 2017 and is provided for your information.

**FISCAL IMPACTS:**

N/A

**LEGAL CONCURRENCE:**

N/A

**RECOMMENDATION:**

N/A

**LIST OF EXHIBITS:**

- 1) 2017 COMB Regular Board Meeting Calendar

**CACHUMA OPERATION & MAINTANENCE BOARD**  
**3301 Laurel Canyon Road**  
**Santa Barbara, CA 93105**

<b>2017 COMB Regular Board Meetings</b>	
<b>Date</b>	<b>Time</b>
January 23, 2017	2:00pm
February 27, 2017	2:00pm
March 27, 2017	2:00pm
April 24, 2017	2:00pm
May 22, 2017	2:00pm
June 26, 2017	2:00pm
July 24, 2017	2:00pm
August 28, 2017	2:00pm
September 25, 2017	2:00pm
October 23, 2017	2:00pm
November 27, 2017	2:00pm
December 18, 2017*	2:00pm

*\*The December meeting falls on the third Monday  
of the month, due to the Christmas Holiday*

RESOLUTION NO. 623  
OF THE  
CACHUMA OPERATION & MAINTENANCE BOARD

Honoring

*Adelle Capponi*

On Her Retirement

**WHEREAS**, Adelle Capponi began employment with the Cachuma Operation and Maintenance Board January 31, 1994; and

**WHEREAS**, during her term of employment as the Administrative Assistant and Bookkeeper for COMB, the Cachuma Project Authority, and the Cachuma Conservation Release Board, she exemplified the qualities of hard work, dedication and initiative; and

**WHEREAS**, Adelle loyally served under five General Managers during her tenure and provided personal attention to every detail with style and grace and performed duties throughout her career in a conscientious manner; and

**WHEREAS**, as a result of diligent work and demonstrated ability, Adelle advanced to positions of increasing responsibility; and

**WHEREAS**, Adelle has always been willing to take on new tasks and challenges, developing multiple procedures, spreadsheets and protocols, and inspiring her fellow employees by sharing her knowledge as a wine connoisseur; and

**WHEREAS**, throughout her many years of service, Adelle has served this agency with fairness, compassion, dedication and will be missed by all;

**NOW, THEREFORE, BE IT RESOLVED:**

1. That the Board of Directors and the entire staff of the Cachuma Operation and Maintenance Board extend to Adelle Capponi their most sincere expression of gratitude for her twenty three years of service to COMB and to the community.

2. That upon attainment of this milestone, the COMB Board and staff also express congratulations on her well-earned retirement, and our best wishes for continued happiness and good health in the years to come.

The Resolution was declared, carried, and adopted this 19th day of December 2016.

Approved:

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