

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

*held at*

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

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**Monday, April 24, 2017**

**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 March 27, 2017 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:

- Operations Committee Meeting – April 17, 2017
- Administrative Committee Meeting – April 17, 2017

**5. EMERGENCY PUMPING FACILITIES PROJECT: LONG-TERM PUMPING FACILITY ALTERNATIVES**

Action: Recommend approval by motion and roll call vote of the Board

**6. PROPOSED COMB DRAFT BOARD GOVERNANCE POLICY**

Receive information for discussion regarding the proposed draft Board Governance Policy

**7. APPOINTMENT OF REPRESENTATIVE TO CACHUMA PROJECT TRUST FUND AND RENEWAL FUND COMMITTEE AND BETTERMENT FUND USE OF FUNDS DISCUSSION**

Action: Approve Recommendation of Representative by motion and roll call vote of the Board

**8. QUIOTA CREEK CROSSING 0A FISH PASSAGE IMPROVEMENT PROJECT – FINAL REPORT**

Receive and file information regarding Quiota Creek Crossing 0A Fish Passage Improvement Project

**9. GENERAL MANAGER REPORT**

Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:

- Meetings
- Administration
- Operations Division Activities
- Fisheries Division Activities

**10. OPERATIONS DIVISION REPORT**

Receive information regarding Operations Division, including but not limited to the following:

- Lake Cachuma Operations
- Operation and Maintenance Activities

**11. 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

**12. 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

**13. 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

**14. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**

**15. [CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING AND POTENTIAL LITIGATION**

- a. [Government Code Section 54956.9(d)(2)]  
Alleged Access Rights to Ortega Ridge Road, Ocean View Estates Subdivision
- b. [Government Code Section 54956.9(d)(4)]  
Protest of Member Agency Regarding Payment of Quarterly Assessments

**16. [CLOSED SESSION]: ANNUAL PERFORMANCE REVIEW**

[Government Code Section 54957(b)]

Title: General Manager

**17. RECONVENE INTO OPEN SESSION**

[Government Code Section 54957.7]

Disclosure of actions taken in closed session, as applicable

[Government Code Section 54957.1]

**18. MEETING SCHEDULE**

- **May 22, 2017 at 2:00 P.M., COMB Office**
- **Board Packages Available on COMB Website [www.cachuma-board.org](http://www.cachuma-board.org)**

**19. COMB ADJOURNMENT**

**NOTICE TO PUBLIC**

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

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

**Public Comment:** Any member of the public may address the Board on any subject within the jurisdiction of the Board that is not scheduled for as an agenda item before the Board. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

**Americans with Disabilities Act:** In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

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

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

**held at  
3301 Laurel Canyon Road, Santa Barbara, CA  
Monday, March 27, 2017**

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

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

<b>Directors present:</b>	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, Edward Lyons, Tim Robinson, William Carter, Dan Ellison, Tom Fayram, Philip Walker, Adriane Passani, Fray Crease, Dale Francisco, Bob McDonald, Joshua Haggmark, Bruce Whales

**2. Public Comment**

Mr. Philip Walker commented on the recent events at the Lake Oroville dam and the option to pre-release water when elevation concerns occur. Mr. Walker also commented on the schist metamorphic rock in the area of the dam and reservoir and his concern for its stability.

**3. Consent Agenda**

- a. **Minutes**  
February 13, 2017 Special Board Meeting
- b. **Minutes**  
February 27, 2017 Regular Board Meeting
- c. **Investment Funds**
  - Financial Reports
  - Investment Reports
- d. **Review of Paid Claims**

Director Hansen moved to approve the consent agenda with no changes but noted the spelling error of Tom Fayram's name in the Special Board Meeting minutes of February 13<sup>th</sup>. Seconded by Director Holcombe, the motion passed by unanimous roll call vote:

**Ayes:** White, Holcombe, Hanson, Morgan  
**Nays:** None  
**Absent:** Walsh

#### 4. Verbal Reports From Board Committees

- *Administrative Committee Meeting – March 22, 2017:* President Morgan noted the committee reviewed and provided minor changes on the draft procurement policy, for which the item was moved to the board for consideration on today's agenda, as Item #5.
- *Operations Committee Meeting – March 22, 2017:* Director White, Chairperson, presented the meeting highlighting a further discussion of the items on today's agenda, as Item #6.
- *Fisheries Committee Meeting – March 24, 2017:* Director Holcombe reviewed the topics on the agenda highlighting repairs to Crossing 0A, grant acceptance recommendations, and professional service contracts, to be further discussed in today's agenda.

#### 5. Proposed Draft Procurement Policy

General Manager, Janet Gingras, presented the Draft Procurement Policy as presented in the board packet, which included samples of the procurement instruments as suggested by the administrative committee. Ms. Gingras noted the policy was reviewed by General Counsel.

Present Morgan raised the question as to the ability to amend the policy going forward. Director Holcombe commented on the efforts and hard work of COMB staff put forth to create the policy, and followed with the same question regarding amendments. Ms. Gingras responded that any future changes to the policy would be brought forth to the committee for review and discussion, and then presented to the Board for approval on the amendment of said policies.

Director Hansen also noted her appreciation that the processes to be followed have been memorialized in the written policies set forth. Director Hansen suggested changes to the policy as it relates to the authority action during an emergency, as follows:

- *Section 2, page 2, second paragraph:*  
Emergency expenditures, as defined in this policy, shall be subject to approval by the General Manager or designee who shall notify the Board President, or his/her designee, of any actions to be taken and will bring notification to the full Board within 30 days of the expenditure being made.
- *Section 11, page 10, third paragraph:*  
Under an emergency situation and when an immediate decision is needed, the General Manager shall review the emergency procurement with the Board President. The General Manager will notify the Board President, or his or her designee, of actions to be taken and will then submit within 30 days a written determination of the basis for the emergency procurement to the Board for ratification and that documentation shall be included in the procurement file.

Director Holcombe moved to approve the motion as modified, seconded by Director Hanson, which carried 6/0/1 as follows:

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

**Nays:** None

**Absent:** Walsh

## 6. Long-Term Pumping Facility Alternatives Study – HDR Engineering, Inc. Presentation

Mr. Dan Ellison, HDR Engineering, Inc. presented the Emergency Pumping Facility Project (EPFP). Mr. Ellison reviewed the history of the project and discussed decisions that were made before and during the large storm event. He provided alternatives going forward for the barge (whether to purchase, rent or release) and what future needs of the facility may be. Mr. Ellison highlighted materials from the current facility that can be purchased at a discounted price, and the alternatives for a permanent pumping structure.

Following a lengthy discussion regarding options for the Barge, Director Hanson suggested to cease efforts for permitting documents necessary to implement a secured pipeline for the time being, and extend the existing standby rate to May 1<sup>st</sup>, or sooner, pending investigation of alternative application of barge materials, with a recommendation at the next board meeting. Director Hanson moved to approve item #2 with the added recommendation #3, to investigate with the member agencies the possible use of the pumps and the barge for an alternative application and bring a recommendation to the Board at the next meeting as the modified motion, seconded by Director Holcombe, which carried 6/0/1 as follows:

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

**Nayes:** None

**Absent:** Walsh

## 7. Quiota Creek Crossings – Fish Passage Improvement Projects

a. *Crossing 0A - Storm Impact Restoration Work:* Tim Robinson, Fisheries Division Manager, presented topics within his report, as incorporated in the board packet. He highlighted impacts of recent rain events and circumstances outside the project area that created a buildup of large amounts of sediment and debris at the project site, and the need for repairs. He also explained available funding through an existing CDFW-FRGP grant. Director Holcombe relayed CDFW's suggestion to do maintenance as a future proactive measure to keep channels open. Director White requested a vicinity map be provided in staff reports to show relevant locations. Director Holcombe moved to approve the item 7a, not to exceed \$100,000, seconded by Director Hanson, the motion carried 6/0/1 as follows:

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

**Nayes:** None

**Absent:** Walsh

b. *Crossing 8 – County of Santa Barbara Professional Services Agreement (PSA):* Tim Robinson gave a brief update on the project, outlining the need to replace the existing temporary county bridge. Mr. Robinson highlighted the PSA, the cooperative agreement between COMB and the County of Santa Barbara, and the award of grant funds. Director Holcombe moved to approve the recommendation in draft form without any substantive changes by General Counsel, seconded by Director Hanson, which carried 6/0/1 as follows:

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

**Nayes:** None

**Absent:** Walsh

- c. *Crossing 9 – Grant Application:* Tim Robinson presented topics within his report as incorporated in the board packet. Director Holcombe move to approve the recommendation to submit a CDFW-FRGP grant application for Quiota Creek Crossing 9. Seconded by Director Hanson, the motion carried 6/0/1 as follows:

**Ayes:** White, Holcombe, Hanson, Morgan  
**Nays:** None  
**Absent:** Walsh

## 8. General Manager Report

- Meetings
- Cachuma Project Transferred Project Works Contract
- Operations Division Activities
- Fisheries Division Activities

General Manager, Janet Gingras, highlighted topics within her report as incorporated in the board packet. She reported that Operations Division Manager, Dave Stewart, attended a Cal OES briefing where they discussed potential funding for storm damage projects. Ms. Gingras also highlighted her conversations with the Bureau for initial discussions on the renewal process for the Cachuma Project Transferred Project, which terminates September of 2020.

Under Operations Division activities, Ms. Gingras reported on the USBR Dam Inspections for Periodic Facility Review, stating COMB's maintenance performance fell within the top ten percent of Reclamation inspected facilities. Inspection reports will be presented in writing at a later date. She also informed the Board of the completion of the Laurel Stop Valve Replacement project, and current and ongoing projects with the Fisheries Division.

## 9. Operations Division Report

- Lake Cachuma Operations
- Operation and Maintenance Activities

In the absence of Mr. Stewart, General Manager, Janet Gingras, referred to the Operations Division report as included in the board packet, summarizing the division's tasks and objectives for the month and addressed questions from the Board.

## 10. Fisheries Division Report

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

Mr. Robinson noted features as presented in his report which was included in the board packet, providing extra detail to the Board regarding Hilton Creek water delivery to meet target flows, and fielded questions from the Board.

**11. Progress Report on Lake Cachuma Oak Tree Program**

- Maintenance and Monitoring

Mr. Robinson updated the Board on the progress of the Program, noting that about 217 trees have been planted within the county park so far this season, solely from COMB staff. He offered to field any questions from the Board.

**12. Monthly Cachuma Project Reports**

Ms. Gingras reviewed the monthly water reports, as included in the board packet, and fielded questions from the Board.

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

No further requests were made.

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

The Board went into closed session at 4:36 p.m.

- a. [Government Code Section 54956.9(d)(4)]  
Name of matter: Protest of Member Agency Regarding Payment of Quarterly Assessments

**15. 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 Regarding Payment of Quarterly Assessments

The Board came out of closed session at 5:20 p.m. There were no reportable actions.

**16. Meeting Schedule**

- April 24, 2017, 2:00 P.M. at COMB Offices
- Board Packages Available on COMB Website [www.cachuma-board.org](http://www.cachuma-board.org)

**17. COMB Adjournment**

There being no further business, the meeting adjourned at 5:21 p.m.

Respectfully submitted,

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Janet Gingras, Secretary of the Board

**APPROVED:**

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Doug Morgan, President of the Board

	<i>Approved</i>
✓	<i>Unapproved</i>



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

As of March 31, 2017  
UNAUDITED FINANCIALS

**ASSETS**

**Current Assets**

**Checking/Savings**

**TRUST FUNDS**

1210 · WARREN ACT TRUST FUND

895,869.52

1220 · RENEWAL FUND

63,087.61

**Total TRUST FUNDS**

958,957.13

1050 · GENERAL FUND

972,834.58

1100 · REVOLVING FUND

247,870.46

**Total Checking/Savings**

2,179,662.17

**Accounts Receivable**

1320 · Qrtly Assessments Receivable

1,393,068.00

1325 · Bank Loan Receivable - EPFP

133,027.37

**Total Accounts Receivable**

1,526,095.37

**Other Current Assets**

1010 · PETTY CASH

500.00

1200 · LAIF

815,416.43

1311 · Cachuma Entitlement Rec

178,200.36

1303 · Bradbury SOD Act Assmnts Rec

184,938.00

1304 · Lauro Dam SOD Assesmnt Rec

25,930.00

1400 · PREPAID INSURANCE

27,269.72

**Total Other Current Assets**

1,232,254.51

**Total Current Assets**

4,938,012.05

**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

5,065,821.07

1920 · LT Lauro SOD Act Assess Rec

914,412.00

1922 · Deferred Outflows of Resources (GASB 68)

148,586.00

**Total Other Assets**

6,128,819.07

**TOTAL ASSETS**

11,272,740.42

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

As of March 31, 2017  
 UNAUDITED FINANCIALS

**LIABILITIES & NET ASSETS**

**Liabilities**

**Current Liabilities**

**Accounts Payable**

2200 · ACCOUNTS PAYABLE

278,695.77

**Total Accounts Payable**

278,695.77

**Other Current Liabilities**

Payroll-DepPrm Admin

35.00

2505 · ACCRUED WAGES

37,117.79

2550 · VACATION/SICK

159,283.55

2561 · BRADBURY DAM SOD ACT

184,948.66

2563 · LAURO DAM SOD ACT

25,930.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2567 · Loan Payable current EPFP

442,932.00

2590 · DEFERRED REVENUE

958,957.13

**Total Other Current Liabilities**

1,896,212.13

**Total Current Liabilities**

2,174,907.90

**Long Term Liabilities**

2602 · LT SOD Act Liability-Bradbury

5,065,811.07

2603 · LT SOD Act Liability - Lauro

914,412.00

2604 · OPEB LT Liability

907,923.00

2605 · Loan Payable - EPFP

1,397,333.30

2610 · Net Pension Liability (GASB 68)

1,160,030.00

2611 · Deferred Inflows of Resources (GASB 68)

224,052.00

**Total Long Term Liabilities**

9,669,561.37

**Total Liabilities**

11,844,469.27

**NET POSITION**

3000 · Opening Bal Equity

-1,357,356.05

3901 · Retained Net Assets

-631,271.21

Net Income

1,416,898.41

**Total Net Assets**

-571,728.85

**TOTAL LIABILITIES & NET POSITION**

11,272,740.42

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

	Fisheries				Operations				TOTAL			
	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget
<b>Income</b>												
<b>3000 REVENUE</b>												
3001 - O&M Budget (Qtrly Assessments)	1,112,897.00	1,305,904.00	-193,007.00	85.22%	3,918,104.03	4,417,789.00	-499,684.97	88.69%	5,031,001.03	5,723,693.00	-692,691.97	87.9%
3006 - Warren Act	0.00	238,306.00	-238,306.00	0.0%	0.00				0.00	238,306.00	-238,306.00	0.0%
3007 - Renewal Fund	0.00	52,872.00	-52,872.00	0.0%	0.00				0.00	52,872.00	-52,872.00	0.0%
3009 - Pmts - Member Agencies - EPPF	0.00				804,813.03				804,813.03	0.00	804,813.03	100.0%
3010 - Interest Income	0.00				5,305.08				5,305.08	0.00	5,305.08	100.0%
3015 - Watershed Sanitary Survey	0.00				7,258.99				7,258.99	0.00	7,258.99	100.0%
3020 - Misc Income	0.00				213.53				213.53	0.00	213.53	100.0%
3033 - Grant-QC Crossing # 0 (a&b)	0.00	671,635.00	-671,635.00	0.0%	0.00				0.00	671,635.00	-671,635.00	0.0%
3034 - Grant-QC Crossing #4	937,837.95	938,295.00	-457.05	99.95%	0.00				937,837.95	938,295.00	-457.05	99.95%
3035 - Cachuma Project Betterment Fund	77,517.78	90,000.00	-12,482.22	86.13%	0.00				77,517.78	90,000.00	-12,482.22	86.13%
3036 - Landowner Match-QC Crossing 0a	50,000.00				0.00				50,000.00	0.00	50,000.00	100.0%
<b>Total 3000 REVENUE</b>	<b>2,178,252.73</b>	<b>3,297,012.00</b>	<b>-1,118,759.27</b>	<b>66.07%</b>	<b>4,735,694.66</b>	<b>4,417,789.00</b>	<b>317,905.66</b>	<b>107.2%</b>	<b>6,913,947.39</b>	<b>7,714,801.00</b>	<b>-800,853.61</b>	<b>89.62%</b>
<b>Total Income</b>	<b>2,178,252.73</b>	<b>3,297,012.00</b>	<b>-1,118,759.27</b>	<b>66.07%</b>	<b>4,735,694.66</b>	<b>4,417,789.00</b>	<b>317,905.66</b>	<b>107.2%</b>	<b>6,913,947.39</b>	<b>7,714,801.00</b>	<b>-800,853.61</b>	<b>89.62%</b>
<b>Gross Profit</b>	<b>2,178,252.73</b>	<b>3,297,012.00</b>	<b>-1,118,759.27</b>	<b>66.07%</b>	<b>4,735,694.66</b>	<b>4,417,789.00</b>	<b>317,905.66</b>	<b>107.2%</b>	<b>6,913,947.39</b>	<b>7,714,801.00</b>	<b>-800,853.61</b>	<b>89.62%</b>
<b>Expense</b>												
<b>3100 - LABOR - OPERATIONS</b>	0.00				491,763.97	812,375.00	-320,611.03	60.53%	491,763.97	812,375.00	-320,611.03	60.53%
<b>3200 VEH &amp; EQUIPMENT</b>												
3201 - Vehicle/Equip Mtce	0.00				33,517.79	30,000.00	3,517.79	111.73%	33,517.79	30,000.00	3,517.79	111.73%
3202 - Fixed Capital	0.00				3,048.74	15,000.00	-11,951.26	20.33%	3,048.74	15,000.00	-11,951.26	20.33%
3203 - Equipment Rental	0.00				997.66	5,000.00	-4,002.34	19.95%	997.66	5,000.00	-4,002.34	19.95%
3204 - Miscellaneous	0.00				3,039.38	5,000.00	-1,960.62	60.79%	3,039.38	5,000.00	-1,960.62	60.79%
<b>Total 3200 VEH &amp; EQUIPMENT</b>	<b>0.00</b>				<b>40,603.57</b>	<b>55,000.00</b>	<b>-14,396.43</b>	<b>73.83%</b>	<b>40,603.57</b>	<b>55,000.00</b>	<b>-14,396.43</b>	<b>73.83%</b>
<b>3300 - CONTRACT LABOR</b>												
3301 - Conduit, Meter, Valve & Misc	0.00				24,980.84	20,000.00	4,980.84	124.9%	24,980.84	20,000.00	4,980.84	124.9%
3302 - Buildings & Roads	0.00				26,656.80	27,257.00	-600.20	97.8%	26,656.80	27,257.00	-600.20	97.8%
3302-1 - UF FY 15/16 Ortega Underdrain	0.00				0.00	-7,257.00	7,257.00	0.0%	0.00	-7,257.00	7,257.00	0.0%
3303 - Reservoirs	0.00				45,268.99	87,983.00	-42,714.01	51.45%	45,268.99	87,983.00	-42,714.01	51.45%
3303-1 - UF FY-15/16 Ortega Underdrain	0.00				0.00	-57,983.00	57,983.00	0.0%	0.00	-57,983.00	57,983.00	0.0%
3304 - Engineering, Misc Services	0.00				34,171.57	25,000.00	9,171.57	136.69%	34,171.57	25,000.00	9,171.57	136.69%
<b>Total 3300 - CONTRACT LABOR</b>	<b>0.00</b>				<b>131,078.20</b>	<b>95,000.00</b>	<b>36,078.20</b>	<b>137.98%</b>	<b>131,078.20</b>	<b>95,000.00</b>	<b>36,078.20</b>	<b>137.98%</b>
<b>3400 - MATERIALS &amp; SUPPLIES</b>												
3401 - Conduit, Meter, Valve & Misc	0.00				1,513.31	65,000.00	-63,486.69	2.33%	1,513.31	65,000.00	-63,486.69	2.33%
3402 - Buildings & Roads	0.00				2,575.66	15,000.00	-12,424.34	17.17%	2,575.66	15,000.00	-12,424.34	17.17%
3403 - Reservoirs	0.00				1,652.07	10,000.00	-8,347.93	16.52%	1,652.07	10,000.00	-8,347.93	16.52%
<b>Total 3400 - MATERIALS &amp; SUPPLIES</b>	<b>0.00</b>				<b>5,741.04</b>	<b>90,000.00</b>	<b>-84,258.96</b>	<b>6.38%</b>	<b>5,741.04</b>	<b>90,000.00</b>	<b>-84,258.96</b>	<b>6.38%</b>
<b>3500 - OTHER EXPENSES</b>												
3501 - Utilities	0.00				5,590.71	7,000.00	-1,409.29	79.87%	5,590.71	7,000.00	-1,409.29	79.87%
3502 - Uniforms	0.00				720.18	5,000.00	-4,279.82	14.4%	720.18	5,000.00	-4,279.82	14.4%

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

	Fisheries				Operations				TOTAL			
	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget
3503 - Communications	0.00				13,388.49	18,000.00	-4,611.51	74.38%	13,388.49	18,000.00	-4,611.51	74.38%
3504 - USA & Other Services	0.00				1,191.37	4,000.00	-2,808.63	29.78%	1,191.37	4,000.00	-2,808.63	29.78%
3505 - Miscellaneous	0.00				4,859.44	8,000.00	-3,140.56	60.74%	4,859.44	8,000.00	-3,140.56	60.74%
3506 - Training	0.00				1,350.76	3,000.00	-1,649.24	45.03%	1,350.76	3,000.00	-1,649.24	45.03%
<b>Total 3500 - OTHER EXPENSES</b>	<b>0.00</b>				<b>27,100.95</b>	<b>45,000.00</b>	<b>-17,899.05</b>	<b>60.22%</b>	<b>27,100.95</b>	<b>45,000.00</b>	<b>-17,899.05</b>	<b>60.22%</b>
4000 - Reconciliation Discrepancies	0.00				27.69				27.69	0.00	27.69	100.0%
4100 - LABOR - FISHERIES	486,924.04	623,119.00	-136,194.96	78.14%	0.00				486,924.04	623,119.00	-136,194.96	78.14%
4200 - VEHICLES & EQUIP - FISHERIES												
4270 - Vehicle/Equip Mtce	14,923.19	13,000.00	1,923.19	114.79%	0.00				14,923.19	13,000.00	1,923.19	114.79%
4280 - Fixed Capital	0.00	15,000.00	-15,000.00	0.0%	0.00				0.00	15,000.00	-15,000.00	0.0%
4290 - Miscellaneous	4,248.81	2,500.00	1,748.81	169.95%	0.00				4,248.81	2,500.00	1,748.81	169.95%
<b>Total 4200 - VEHICLES &amp; EQUIP - FISHERIES</b>	<b>19,172.00</b>	<b>30,500.00</b>	<b>-11,328.00</b>	<b>62.86%</b>	<b>0.00</b>				<b>19,172.00</b>	<b>30,500.00</b>	<b>-11,328.00</b>	<b>62.86%</b>
4220 - CONTRACT LABOR - FISHERIES												
4221 - Meters & Valves	0.00	3,000.00	-3,000.00	0.0%	0.00				0.00	3,000.00	-3,000.00	0.0%
4222 - Fish Projects Maintenance	9,517.86	25,000.00	-15,482.14	38.07%	0.00				9,517.86	25,000.00	-15,482.14	38.07%
<b>Total 4220 - CONTRACT LABOR - FISHERIES</b>	<b>9,517.86</b>	<b>28,000.00</b>	<b>-18,482.14</b>	<b>33.99%</b>	<b>0.00</b>				<b>9,517.86</b>	<b>28,000.00</b>	<b>-18,482.14</b>	<b>33.99%</b>
4300 - MATERIALS/SUPPLIES - FISHERIES												
4390 - Miscellaneous	2,983.19	7,000.00	-4,016.81	42.62%	0.00				2,983.19	7,000.00	-4,016.81	42.62%
<b>Total 4300 - MATERIALS/SUPPLIES - FISHERIES</b>	<b>2,983.19</b>	<b>7,000.00</b>	<b>-4,016.81</b>	<b>42.62%</b>	<b>0.00</b>				<b>2,983.19</b>	<b>7,000.00</b>	<b>-4,016.81</b>	<b>42.62%</b>
4500 - OTHER EXPENSES - FISHERIES												
4502 - Uniforms	1,068.43	2,500.00	-1,431.57	42.74%	0.00				1,068.43	2,500.00	-1,431.57	42.74%
<b>Total 4500 - OTHER EXPENSES - FISHERIES</b>	<b>1,068.43</b>	<b>2,500.00</b>	<b>-1,431.57</b>	<b>42.74%</b>	<b>0.00</b>				<b>1,068.43</b>	<b>2,500.00</b>	<b>-1,431.57</b>	<b>42.74%</b>
4999 - GENERAL & ADMINISTRATIVE												
5000 - Director Fees												
5001 - Director Mileage	0.00				393.78	2,000.00	-1,606.22	19.69%	393.78	2,000.00	-1,606.22	19.69%
5000 - Director Fees - Other	0.00				5,657.60	11,000.00	-5,342.40	51.43%	5,657.60	11,000.00	-5,342.40	51.43%
<b>Total 5000 - Director Fees</b>	<b>0.00</b>				<b>6,051.38</b>	<b>13,000.00</b>	<b>-6,948.62</b>	<b>46.55%</b>	<b>6,051.38</b>	<b>13,000.00</b>	<b>-6,948.62</b>	<b>46.55%</b>
5100 - Legal	0.00				38,500.93	75,000.00	-36,499.07	51.34%	38,500.93	75,000.00	-36,499.07	51.34%
5101-1 - Audit	0.00				13,891.15	20,000.00	-6,108.85	69.46%	13,891.15	20,000.00	-6,108.85	69.46%
5150 - Unemployment Tax	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
5200 - Liability Insurance	0.00				43,764.50	45,955.00	-2,190.50	95.23%	43,764.50	45,955.00	-2,190.50	95.23%
5310 - Postage/Office Exp	0.00				5,741.52	5,000.00	741.52	114.83%	5,741.52	5,000.00	741.52	114.83%
5311 - Office Equip/Leases	0.00				6,665.18	8,000.00	-1,334.82	83.32%	6,665.18	8,000.00	-1,334.82	83.32%
5312 - Misc Admin Expenses	0.00				11,752.06	7,150.00	4,602.06	164.36%	11,752.06	7,150.00	4,602.06	164.36%
5313 - Communications	0.00				6,051.98	8,500.00	-2,448.02	71.2%	6,051.98	8,500.00	-2,448.02	71.2%
5314 - Utilities	0.00				6,705.40	9,737.00	-3,031.60	68.87%	6,705.40	9,737.00	-3,031.60	68.87%
5315 - Membership Dues	0.00				8,009.97	8,000.00	9.97	100.13%	8,009.97	8,000.00	9.97	100.13%
5316 - Admin Fixed Assets	0.00				1,933.98	3,000.00	-1,066.02	64.47%	1,933.98	3,000.00	-1,066.02	64.47%
5317 - Admin Contract Labor AAIL	0.00				18,803.75	22,000.00	-3,196.25	85.47%	18,803.75	22,000.00	-3,196.25	85.47%
5318 - Computer Consultant	0.00				8,887.37	15,000.00	-6,112.63	59.25%	8,887.37	15,000.00	-6,112.63	59.25%

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

	Fisheries				Operations				TOTAL			
	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget
5325 · Emp Training/Subscriptions	0.00				1,161.06	2,000.00	-838.94	58.05%	1,161.06	2,000.00	-838.94	58.05%
5330 · Admin Travel/Conferences	0.00				873.91	2,000.00	-1,126.09	43.7%	873.91	2,000.00	-1,126.09	43.7%
5331 · Public Information	0.00				80.84	1,000.00	-919.16	8.08%	80.84	1,000.00	-919.16	8.08%
5391 · Admin Contract Labor AA I	0.00				10,176.55	19,600.00	-9,423.45	51.92%	10,176.55	19,600.00	-9,423.45	51.92%
<b>Total 4999 · GENERAL &amp; ADMINISTRATIVE</b>	<b>0.00</b>				<b>189,051.53</b>	<b>269,942.00</b>	<b>-80,890.47</b>	<b>70.03%</b>	<b>189,051.53</b>	<b>269,942.00</b>	<b>-80,890.47</b>	<b>70.03%</b>
5299 · ADMIN LABOR	0.00				349,818.16	484,222.00	-134,403.84	72.24%	349,818.16	484,222.00	-134,403.84	72.24%
<b>5400 · GENERAL &amp; ADMIN - FISHERIES</b>												
5407 · Legal - FD	7,576.20	20,000.00	-12,423.80	37.88%	0.00				7,576.20	20,000.00	-12,423.80	37.88%
5410 · Postage / Office Supplies	3,335.00	2,000.00	1,335.00	166.75%	0.00				3,335.00	2,000.00	1,335.00	166.75%
5411 · Office Equipment / Leases	3,588.89	5,218.00	-1,629.11	68.78%	0.00				3,588.89	5,218.00	-1,629.11	68.78%
5412 · Misc. Admin Expense	4,106.88	4,870.00	-763.12	84.33%	0.00				4,106.88	4,870.00	-763.12	84.33%
5413 · Communications	3,750.97	4,305.00	-554.03	87.13%	0.00				3,750.97	4,305.00	-554.03	87.13%
5414 · Utilities	3,610.58	5,243.00	-1,632.42	68.87%	0.00				3,610.58	5,243.00	-1,632.42	68.87%
5415 · Membership Dues	4,277.65	4,000.00	277.65	106.94%	0.00				4,277.65	4,000.00	277.65	106.94%
5416 · Admin Fixed Assets	1,041.38	3,000.00	-1,958.62	34.71%	0.00				1,041.38	3,000.00	-1,958.62	34.71%
5417 · Admin Contract Labor AAIL	10,125.11	12,000.00	-1,874.89	84.38%	0.00				10,125.11	12,000.00	-1,874.89	84.38%
5418 · Computer Consultant	4,785.50	5,000.00	-214.50	95.71%	0.00				4,785.50	5,000.00	-214.50	95.71%
5425 · Employee Education/Subscription	1,158.47	2,500.00	-1,341.53	46.34%	0.00				1,158.47	2,500.00	-1,341.53	46.34%
5426 · Director Fees	3,046.40	6,000.00	-2,953.60	50.77%	0.00				3,046.40	6,000.00	-2,953.60	50.77%
5427 · Director Mileage	212.01	1,000.00	-787.99	21.2%	0.00				212.01	1,000.00	-787.99	21.2%
5430 · Travel	497.59	2,500.00	-2,002.41	19.9%	0.00				497.59	2,500.00	-2,002.41	19.9%
5431 · Public Information	543.53	1,500.00	-956.47	36.24%	0.00				543.53	1,500.00	-956.47	36.24%
5441 · Audt	7,479.85	6,300.00	1,179.85	118.73%	0.00				7,479.85	6,300.00	1,179.85	118.73%
5443 · Liab & Property Ins	23,565.50	24,745.00	-1,179.50	95.23%	0.00				23,565.50	24,745.00	-1,179.50	95.23%
5491 · Admin Contract Labor AA I	5,479.66	10,600.00	-5,120.34	51.7%	0.00				5,479.66	10,600.00	-5,120.34	51.7%
<b>Total 5400 · GENERAL &amp; ADMIN - FISHERIES</b>	<b>88,181.17</b>	<b>120,781.00</b>	<b>-32,599.83</b>	<b>73.01%</b>	<b>0.00</b>				<b>88,181.17</b>	<b>120,781.00</b>	<b>-32,599.83</b>	<b>73.01%</b>
5499 · ADMIN LABOR-FISHERIES	124,530.06	202,112.00	-77,581.94	61.61%	0.00				124,530.06	202,112.00	-77,581.94	61.61%
5510 · Integrated Reg. Water Mgt Plan	0.00				1,343.00	5,000.00	-3,657.00	26.86%	1,343.00	5,000.00	-3,657.00	26.86%
<b>6000 · SPECIAL PROJECTS</b>												
6062 · SCADA	0.00				2,351.95	20,000.00	-17,648.05	11.76%	2,351.95	20,000.00	-17,648.05	11.76%
6090 · COMB Office Building	0.00				284.00	150,000.00	-149,716.00	0.19%	284.00	150,000.00	-149,716.00	0.19%
6096 · SCC Structure Rehabilitation	0.00				0.00	240,000.00	-240,000.00	0.0%	0.00	240,000.00	-240,000.00	0.0%
6097 · GIS and Mapping	0.00				6,647.00	10,000.00	-3,353.00	66.47%	6,647.00	10,000.00	-3,353.00	66.47%
6100 · Watershed Sanitary Survey	0.00				35,481.20	35,481.20	0.00	100.0%	35,481.20	35,481.20	0.00	100.0%
6100-1a · Watershed Sanitary Survey-C/O	0.00				0.00	-35,481.20	35,481.20	0.0%	0.00	-35,481.20	35,481.20	0.0%
6105 · ROW Management Program	0.00				1,440.00	20,000.00	-18,560.00	7.2%	1,440.00	20,000.00	-18,560.00	7.2%
6109 · NP Jet Flow Control Valve	0.00				0.00	50,000.00	-50,000.00	0.0%	0.00	50,000.00	-50,000.00	0.0%
6111 · Mission Crk Pipe Temp Repair	0.00				0.00	50,000.00	-50,000.00	0.0%	0.00	50,000.00	-50,000.00	0.0%
6118 · Repair Lateral 3 Structure	0.00				18,804.25	100,000.00	-81,195.75	18.8%	18,804.25	100,000.00	-81,195.75	18.8%
6120 · Emergency Pumping Fac Project	0.00				1,544,294.78	2,160,374.00	-616,079.22	71.48%	1,544,294.78	2,160,374.00	-616,079.22	71.48%
6120-1 · EPPF UF FY 2015-16	0.00				0.00	-314,124.00	314,124.00	0.0%	0.00	-314,124.00	314,124.00	0.0%
6130 · NP Slope Stabilization	0.00				8,973.75	82,668.20	-73,694.45	10.86%	8,973.75	82,668.20	-73,694.45	10.86%
6130-1 · NP Slope Stabil C/O Funds FY 16	0.00				0.00	-82,668.20	82,668.20	0.0%	0.00	-82,668.20	82,668.20	0.0%
6131 · Lauro Diversion Valve Install	0.00				70,750.00	75,000.00	-4,250.00	94.33%	70,750.00	75,000.00	-4,250.00	94.33%
<b>Total 6000 · SPECIAL PROJECTS</b>	<b>0.00</b>				<b>1,689,026.93</b>	<b>2,561,250.00</b>	<b>-872,223.07</b>	<b>65.95%</b>	<b>1,689,026.93</b>	<b>2,561,250.00</b>	<b>-872,223.07</b>	<b>65.95%</b>

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

	Fisheries				Operations				TOTAL			
	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Mar 17	Budget	\$ Over Budget	% of Budget
<b>6200 · FISHERIES ACTIVITIES</b>												
6201 · FMP Implementation	2,911.62	58,800.00	-55,888.38	4.95%	0.00				2,911.62	58,800.00	-55,888.38	4.95%
6202 · GIS and Mapping	3,047.00	10,000.00	-6,953.00	30.47%	0.00				3,047.00	10,000.00	-6,953.00	30.47%
6203 · Grants Technical Support	0.00	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	-8,000.00	0.0%	0.00				0.00	8,000.00	-8,000.00	0.0%
6205 · USGS Stream Gauge Program	65,462.50	77,000.00	-11,537.50	85.02%	0.00				65,462.50	77,000.00	-11,537.50	85.02%
6206 · Tri County Fish Team Funding	0.00	5,000.00	-5,000.00	0.0%	0.00				0.00	5,000.00	-5,000.00	0.0%
6207 · Oak Tree Restoration Program	15,454.80	80,000.00	-64,545.20	19.32%	0.00				15,454.80	80,000.00	-64,545.20	19.32%
<b>Total 6200 · FISHERIES ACTIVITIES</b>	<b>86,875.92</b>	<b>238,800.00</b>	<b>-151,924.08</b>	<b>36.38%</b>	<b>0.00</b>				<b>86,875.92</b>	<b>238,800.00</b>	<b>-151,924.08</b>	<b>36.38%</b>
<b>6300 · HABITAT ENHANCEMENT</b>												
6303 · Tributary Projects Support	19,997.03	20,000.00	-2.97	99.99%	0.00				19,997.03	20,000.00	-2.97	99.99%
6312 · Quiota Creek Crossing 0 (a&b)	641,149.12	840,000.00	-198,850.88	76.33%	0.00				641,149.12	840,000.00	-198,850.88	76.33%
6313 · Quiota Creek Crossing 3	527.00				0.00				527.00	0.00	527.00	100.0%
6314 · Quiota Creek Crossing 4	1,020,913.06	1,120,000.00	-99,086.94	91.15%	0.00				1,020,913.06	1,120,000.00	-99,086.94	91.15%
6315 · Quiota Creek Crossing 8	6,970.00	24,200.00	-17,230.00	28.8%	0.00				6,970.00	24,200.00	-17,230.00	28.8%
6316 · Quiota Creek Crossing 5	7,256.11	30,000.00	-22,743.89	24.19%	0.00				7,256.11	30,000.00	-22,743.89	24.19%
6317 · Salsipuedes Fish Ladder Repair	3,608.62	10,000.00	-6,391.38	36.09%	0.00				3,608.62	10,000.00	-6,391.38	36.09%
<b>Total 6300 · HABITAT ENHANCEMENT</b>	<b>1,700,420.94</b>	<b>2,044,200.00</b>	<b>-343,779.06</b>	<b>83.18%</b>	<b>0.00</b>				<b>1,700,420.94</b>	<b>2,044,200.00</b>	<b>-343,779.06</b>	<b>83.18%</b>
<b>7007 · INTEREST EXPENSE-EPFP</b>	<b>0.00</b>				<b>51,820.33</b>				<b>51,820.33</b>	<b>0.00</b>	<b>51,820.33</b>	<b>100.0%</b>
<b>Total Expense</b>	<b>2,519,673.61</b>	<b>3,297,012.00</b>	<b>-777,338.39</b>	<b>76.42%</b>	<b>2,977,375.37</b>	<b>4,417,789.00</b>	<b>-1,440,413.63</b>	<b>67.4%</b>	<b>5,497,048.98</b>	<b>7,714,801.00</b>	<b>-2,217,752.02</b>	<b>71.25%</b>
<b>Net Income</b>	<b>-341,420.88</b>	<b>0.00</b>	<b>-341,420.88</b>	<b>100.0%</b>	<b>1,758,319.29</b>	<b>0.00</b>	<b>1,758,319.29</b>	<b>100.0%</b>	<b>1,416,898.41</b>	<b>0.00</b>	<b>1,416,898.41</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)

April 14, 2017

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

March 2017 Statement

Account Summary

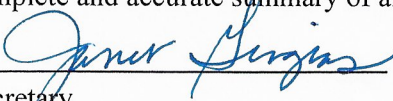
Total Deposit:	0.00	Beginning Balance:	815,416.43
Total Withdrawal:	0.00	Ending Balance:	815,416.43

**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 March, 2017, 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

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CACHUMA O&M BOARD

PAGE 1

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

ACCOUNT ANALYSIS CHECKING

ACCOUNT NO  
STATEMENT DATE 03/31/2017  
LAST STATEMENT DATE 02/28/2017

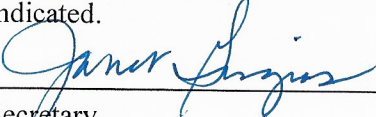
0	STATEMENT PERIOD		
PREVIOUS BALANCE	895,869.52	# OF DAYS-STMT PERIOD	31
0 DEPOSITS/CREDITS	0.00		
0 CHECKS/WITHDRAWALS	0.00	AVERAGE BALANCE	895,869.52
ENDING BALANCE	895,869.52		
TOTAL SRV CHG TODAY	0.00	YTD INTEREST	0.00

**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 March, 2017, 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



Item #3b





# AMERICAN RIVIERA BANK

P.O. Box 329, Santa Barbara, California 93102  
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CACHUMA O&M BOARD

PAGE 1

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

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ACCOUNT ANALYSIS CHECKING

ACCOUNT NO  
STATEMENT DATE 03/31/2017  
LAST STATEMENT DATE 02/28/2017

0	STATEMENT PERIOD		
PREVIOUS BALANCE	63,087.61	# OF DAYS-STMT PERIOD	31
0 DEPOSITS/CREDITS	0.00	AVERAGE BALANCE	63,087.61
0 CHECKS/WITHDRAWALS	0.00	YTD INTEREST	0.00
ENDING BALANCE	63,087.61		
TOTAL SRV CHG TODAY	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 March, 2017, 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



Item #3b



Cachuma Operation & Maintenance Board  
**Paid Claims**  
As of March 31, 2017

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
<b>1050 - GENERAL FUND</b>				
03/03/2017	25204	ECHO Communications	Monthly answering service	-62.00
03/03/2017	25205	HDR Engineering, Inc.	Various-Jan/Feb services (Fish Div)	-6,029.83
03/03/2017	25206	J&C Services	Ofc cleaning services 1/13, 1/20, 1/27 & 2/3/17	-420.00
03/03/2017	25207	Pacific Coast Jiffy Lube	Oil change/Service-2008 Ford Explorer (Ops Div)	-63.01
03/03/2017	25208	PG&E	North Portal/Tecolote Tunnel electricity (Ops Div)	-297.11
03/03/2017	25209	Select Staffing	Admin Secretary/Admin Assistant II	-5,209.87
03/03/2017	25210	Spatial Wave	Apr - June 2017 Field Mapplet Software mtce (Ops Div)	-900.00
03/13/2017	25213	ACWA/Joint Powers Insurance Authority	Excess Crime Program and Property Program 4/1/17-4/1/18	-5,200.00
03/13/2017	25214	Association of Ca Water Agencies/JPIA	April Health Benefits coverage	-27,377.62
03/13/2017	25215	AT&T	Feb charges	-686.86
03/13/2017	25216	Business Card	APC Battery Backups/Battery replacement/Logmein renewal/Surge protectors/Waders (Ops & Fish Div)	-1,789.59
03/13/2017	25217	City of Santa-Barbara	Trash/Recycle-Feb 2017	-218.67
03/13/2017	25218	Coastal Copy, LP	Mtce agmt TASKalfa 4550ci/3051ci	-337.79
03/13/2017	25219	Cox Communications Santa Barbara	Business internet-Mar	-195.00
03/13/2017	25220	Culligan of Sylmar	Monthly RO system-Mar	-26.95
03/13/2017	25221	Flowers & Associates, Inc.	Engineering services - SJ Creek Crossing Repair -Jan (Fish	-1,500.00
03/13/2017	25222	Frontier Communications	Main office/Outlying stations/SCADA	-1,162.12
03/13/2017	25223	Harwood White	Feb mtg fees	-397.43
03/13/2017	25224	Ian's Tire & Auto Repair	Tires/Balancing- 07 Chev Silverado 3500HD (Ops Div)	-419.53
03/13/2017	25225	J&C Services	Ofc cleaning services 2/10, 2/17, 2/24, 3/3/2017	-420.00
03/13/2017	25226	Lauren W. Hanson	Feb mtg fees	-266.80
03/13/2017	25227	Musick, Peeler & Garrett LLP	General Counsel-Jan	-2,302.38
03/13/2017	25228	Nestle Pure Life Direct	Feb-5 gal disp. (PPE criteria)	-81.78
03/13/2017	25229	Paychex, Inc.	2/10/17, 2/24/17 Payrolls/Taxes/Deliveries	-346.95
03/13/2017	25230	Polly Holcombe	Feb mtg fees	-286.55
03/13/2017	25231	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-69.75
03/13/2017	25232	Prudential Overall Supply	Mats/Scrapers-Feb	-100.56
03/13/2017	25233	Select Staffing	Admin Secretary/Admin Assistant II	-2,365.23
03/13/2017	25235	Staples Credit Plan	Office supplies	-607.36
03/13/2017	25236	Turenchalk Network Services, Inc.	IT Services for Feb	-1,211.00
03/13/2017	25237	Underground Service Alert of So. Calif.	35 Ticket charges	-52.50
03/13/2017	25238	United States Geological Survey	Agmt#17WSCA44600 1st Qtr 11/1/16 -1/31/17	-26,412.50
03/13/2017	25239	Verizon Wireless	Cellular/Modem's/USB	-643.15
03/13/2017	25240	W. Douglas Morgan	Feb mtg fees	-416.40
03/13/2017	25241	Wright Express Fleet Services	Fleet fuel	-2,374.15
03/20/2017	25242	American Riviera Bank (ARB)	Principal/Interest pymt #8-Mar	-38,477.96
03/20/2017	25243	County of SB Planning & Development	Land Use Permit Xng 0a-Feb Consultant Charge (Fish Div)	-975.00
03/20/2017	25244	Cushman Contracting Corp.	Emerg Pumping System: Pay Req#34-Phase II	-483,280.94
03/20/2017	25245	Farm Supply Company	Tree Stakes-Oak Tree program (Fish Div)	-828.56
03/20/2017	25246	Harrison Hardware	Wire rope/Cable/Ornament Owl/Buckets/Gopher baskets/Oil/Poxy/Stripping paint/Fencing (Fish Div)	-5,859.06
03/20/2017	25247	Manzanita Nursery	Oak trees (Fish Div)	-3,010.00
03/20/2017	25248	MarBorg Industries	Portable toilets-outlying stations	-230.62
03/20/2017	25249	Musick, Peeler & Garrett LLP	General Counsel-Feb	-2,530.00
03/20/2017	25250	Peter Lapidus Construction, Inc.	Pick up and delivery for Backhoe service (Ops Div)	-990.00
03/20/2017	25251	PG&E	North Portal/Tecolote Tunnel electricity (Ops Div)	-357.33
03/20/2017	25252	Quinn Company	Service-Lauro Generator (Ops Div)	-2,121.69
03/20/2017	25253	Select Staffing	Admin Assistant II	-1,587.60
03/20/2017	25254	Southern California Edison	Main office/Outlying stations	-71.37
03/20/2017	25255	The Gas Company	Gas-main office	-78.21
03/20/2017	25256	Valley Compost & Topsoil, Inc.	Compost (Fish Div)	-258.60
03/29/2017	25257	Bureau of Reclamation	2nd Period Entitlement 4/1/17-9/30/2017	-613,123.71
03/29/2017	25258	Business Card	Software/Job posting/SRF 2017 conference registration/Office supplies/Waterproof digital camera/ (Ops & Fish Div)	-1,750.99
03/29/2017	25259	Farm Supply Company	Tree Stakes-Oak Tree program (Fish Div)	-55.34
03/29/2017	25260	HDR Engineering, Inc.	Various-Feb services	-11,426.18
03/29/2017	25261	Orchard Business/SYNCB	GFI plug replacement (Ops Div)	-17.39

Cachuma Operation & Maintenance Board  
**Paid Claims**  
As of March 31, 2017

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
03/29/2017	25262	Pitney Bowes Global Financial Services LL	Lease agmt-postage meter (April-July)	-436.16
03/29/2017	25263	Powell Garage	Replaced purge valve/Tire pressure service - 08 Ford Explorer (Ops Div)	-355.73
03/29/2017	25264	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-63.00
03/29/2017	25265	Smarden-Hatcher Co.	Blind Flange/Flange nut and bolt kit (Ops Div)	-37.11
03/29/2017	25266	Southern California Edison	Main office/Outlying stations	-1,382.00
03/29/2017	25267	Specialty Tool, LTD	Misc small tools/Hand cleaner/Anti-seize (Ops Div)	-92.91
03/29/2017	25268	Valley Compost & Topsoil, Inc.	Compost (Fish Div)	-86.20
03/29/2017	25269	Wells Fargo Vendor Fin Serv	Copier (4550 & 3051) lease agmt	-488.11
03/29/2017	25270	ECHO Communications	Monthly answering service	-62.95
03/29/2017	25271	Reserve Account	Postage refill	-400.00
Total 1050 - GENERAL FUND				<u>-1,260,685.16</u>
				<u><b>-1,260,685.16</b></u>

# CACHUMA OPERATION & MAINTENANCE BOARD

## Operations Committee Meeting

3301 Laurel Canyon Road  
Santa Barbara, CA 93105

**Monday, April 17, 2017**  
**1:00 p.m.**

### 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. Emergency Pumping Facilities Project (EPFP) – Long-Term Alternatives (*for information and possible recommendation*)
4. Infrastructure Improvement Plan (IIP) Project Updates (*for information only*)
  - A. Repair of Lateral Structure No. 3
  - B. AVAR Valve / Blow-Off Replacement / Relocation
  - C. Water Efficiency and Metering Analysis
  - D. North Portal Slope Stabilization
  - E. Sycamore Canyon Slide Repair
5. Construction Projects within USBR Right-of-Way (*for information only*)
6. Adjournment

#### NOTICE TO THE PUBLIC

**Public Comment:** The public is welcome to attend and observe the meeting. A public comment period will be included at the meeting where any member of the public may address the Committee on any subject within the Committee's jurisdiction. The total time for this item will be limited by the Chair.

**Americans with Disabilities Act:** In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Cachuma Operation & Maintenance Board (COMB) at 569-1391 at least 48 hours prior to the meeting to enable staff to make reasonable arrangements.

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## Administrative Committee Meeting

3301 Laurel Canyon Road  
Santa Barbara, CA 93105

**Monday, April 17, 2017**  
**1:00 pm\***

**\*NOTE:** This committee meeting will occur following the conclusion of agenda items on the Operations Committee Meeting scheduled for Monday, April 17, 2017 at 1:00 pm.

### 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. Proposed COMB Board Policy (*for information and possible recommendation*)
4. Proposed Changes to CalPERS Employer Paid Member Contributions – COMB Classic Employees (*for information and possible recommendation*)
5. Development of Comprehensive Annual Financial Report (CAFR) – Audit portion only (*for information*)
6. Bradbury/Lauro SOD Repayment Contracts Update (*for information*)
7. Adjournment

#### NOTICE TO THE PUBLIC

**Public Comment:** The public is welcome to attend and observe the meeting. A public comment period will be included at the meeting where any member of the public may address the Committee on any subject within the Committee's jurisdiction. The total time for this item will be limited by the Chair.

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	April 24, 2017
Submitted by:	Janet Gingras

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**SUBJECT:**                    **Emergency Pumping Facility Project - Long-Term Alternatives**

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**SUMMARY:**

At the March 27, 2017 regular COMB Board meeting, the recommendation regarding the disposition of the Emergency Pumping Facility (EPF) approved by the Board of Directors included the following:

- 1) Authorize the General Manager to execute a change order terminating the existing standby rate as of May 1, 2017 (or sooner) and establish a monthly payment of \$13,500 for rental of key equipment to be applied for up to two months, pending negotiation of a future change order which will include a one-year lease of the key equipment, an option for its purchase after one year, and a firm price for reinstallation and commissioning of the EPF. The key equipment shall be all items needed to re-establish the EPF within 90 days, including:
  - Shipping container and all associated electrical equipment
  - On-shore electrical switchboard and automatic transfer switch
  - Electrical conductor cables
  - Pumps
  - Steel manifold pipe and all valves
  - Fish screens
  
- 2) Investigate the possibility of Reclamation entering into a lease agreement with COMB for the lease of the Emergency Pumping Facility to be used for the Hilton Creek watering system.

Staff met with Cushman Contracting and negotiated an agreement to reduce the contract operational standby rate of \$51,000 to a non-operational, storage payment rate of \$28,500 per month for the EPF until such time a decision on the disposition of the barge was made by the Board. Per their request, a confirmation letter was sent to Cushman Contracting memorializing the agreement.

Staff also investigated the possibility of Reclamation entering into a lease agreement with COMB for the lease of the Emergency Pumping Facility to be used for alternative uses. Although appreciative of the consideration, Reclamation does not have the engineering, operations plan, or lease contract in place to give a definitive answer in the near term.

During the past two weeks, staff requested and received pricing options from Cushman Contracting regarding a one and two year lease of the key equipment with an option to purchase after those time periods. Also including in their prices was a cost to reinstall and re-commission the EPF at the site 1 location if needed.

The Project Engineer, HDR, analyzed the Cushman proposed pricing options and submitted an additional, cost effective approach to the contractor not previously considered. This approach included implementing the following option (Alternative 1A) by executing a change order with Cushman Contracting Corp. (CCC) with the following elements:

- a. Extend current contract for a minimum of two years, with option to renew indefinitely. Inflation escalation after two years.
- b. Authorize storage of key equipment components:
  - i. \$55,000 lump sum cost to prepare, transport and place the equipment in off-site storage facility.
  - ii. Monthly payment of \$7,000 to maintain the equipment for at least two years.
- c. CCC to re-establish a fully-functioning EPF upon 90-day notification from COMB, for a lump-sum cost of \$1,488,000.
- d. Other terms, conditions, and prices, shall be per the existing contract, with the following exceptions:
  - i. Standby operations: \$30,000 per month (currently \$51,000 per month)
  - ii. Site 1 operations: \$62,000 per month (currently \$98,000 per month)
  - iii. Site 2 operations: \$76,000 per month (currently \$124,000 per month)
  - iv. Cost to relocate facility from Site 1 to Site 2: \$765,000 (currently \$629,000)
- e. Prices to be set for two years, with inflation adjustment starting in Year 3.

A conference call and presentation with the Member Agency General Managers/Staff and the Project Engineer occurred on Thursday, April 13<sup>th</sup>. The consensus from the discussion was to move forward and implement the above option (Alternative 1A) as recommended in the HDR memorandum. The Operations Committee reviewed the material and recommends implementation of Alternative 1A option through a change order. The decision to continue the development of a secured pumping facility/secured pipeline and related project description will be a topic of discussion amongst the Member Agency General Managers/staff sometime in the future.

Mr. Dan Ellison will review the analysis and present the recommendation to the Directors during the Board meeting presentation.

**FISCAL IMPACTS:**

The expenditures affiliated with executing the proposed change order is included in the fiscal year 2016-17 operating budget for the Emergency Pumping Facility Project. No additional request for budgeted funds would be required until such time the EPF is reinstalled. The costs to reinstall the temporary pumping facility within 90 days and the costs to operate it would be considered in a future fiscal operating budget.

**ENVIRONMENTAL COMPLIANCE:**

The current project description and design for the Emergency Pumping Facility project will remain the same for a subsequent implementation. The permits associated with the project will be extended, if necessary, prior to project implementation.

**COMMITTEE STATUS:**

The Operations Committee reviewed the presentation and forwards the Alternative 1A option to the Board with a recommendation to authorize the General Manager to execute a change order to implement the option as proposed.

**RECOMMENDATION:**

The Board of Directors authorize the General Manager to execute a change order with Cushman Contracting, Inc. to implement the Alternative 1A option as proposed.

**LIST OF EXHIBITS:**

- 1) HDR April 13, 2017 Memorandum – Updated Cost Analysis for Long-Term Pumping Facilities



# Memo

Date: Thursday, April 13, 2017

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Project: COMB – Emergency Pumping Project

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To: Janet Gingras, COMB

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From: Dan Ellison, PE

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Subject: Updated Cost Analysis for Long-term Pumping Facilities

This memo updates the “Long-Term Pumping Facilities Alternatives Study” presented last month, taking into consideration two new alternatives.

## Background

The “Long-Term Pumping Facilities Alternatives Study” compared the costs, advantages and disadvantages of various alternatives for providing a pumping facility at Lake Cachuma, next time the reservoir again recedes from the tower. With the lake at approximately half full and abundant SWP water currently available, the need for such a facility is anticipated to be at least 2.5 years away. This study focused on the following three alternatives that were considered most promising:

- **Alternative 1** – Recreate the emergency pumping facility, using a design-build-operate-maintain (DBOM) contract, similar to the recent project
- **Alternative 2** – Acquire the existing floating pump station and pair it with a future “secured pipeline”, installed at the bottom of the lake
- **Alternative 3** – Construct a future, on-shore “Secured Pumping Station” and pair it with a future “secured pipeline”, installed at the bottom of the lake. This facility would use elements salvaged from the

Analysis presented in that report showed that Alternative 3 was likely the lowest-cost alternative in the long run, particularly if a pumping facility is needed more than once.

## Update

During the last two weeks, discussions with Cushman Contracting Corporation (CCC) and the member units have resulted in two additional alternatives to be considered:

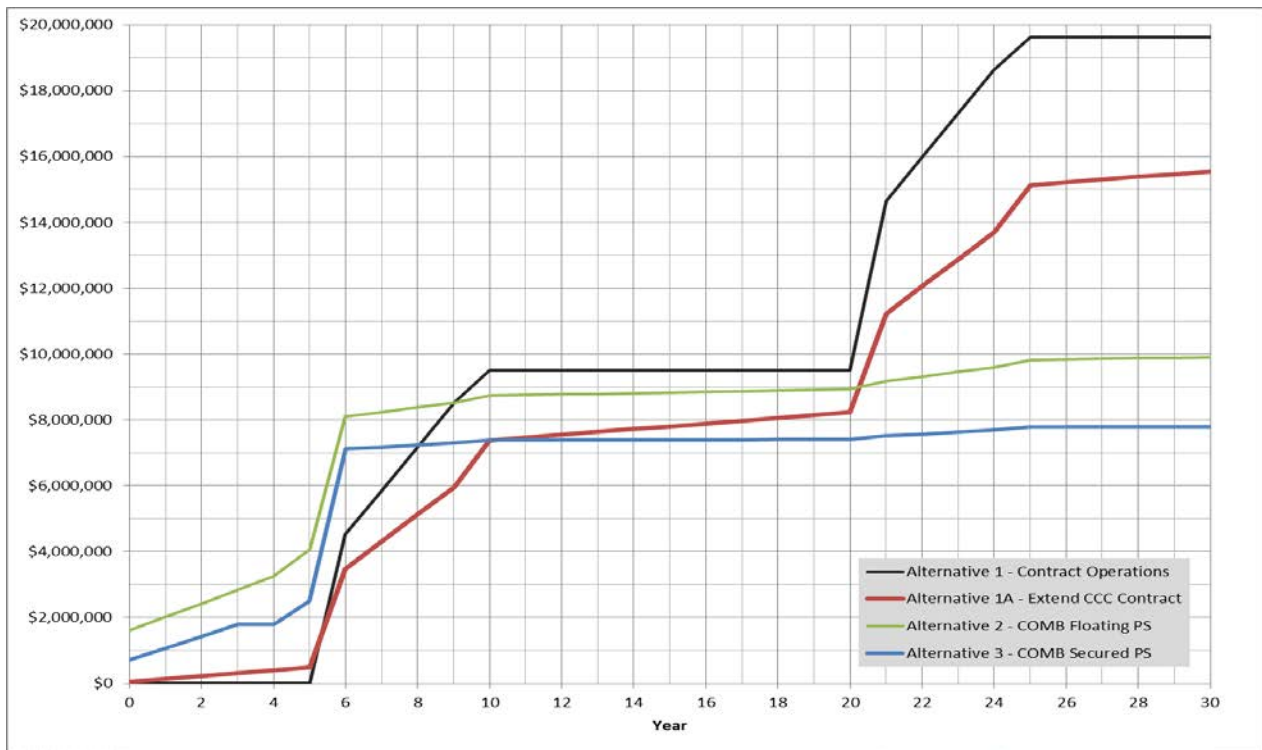
- **Alternative 1A** – Extend the CCC contract; store the equipment for future use and resurrect the facility when needed.
- **Alternative 3A** – Construct a more robust Secured Pumping Station, without using equipment salvaged from the current project. This facility could be the slant-casing concept (presented in the March 2017 report) or the “Ranney Well” concept more recently discussed, or another alternative.

Table 1 compares these new alternatives with those studied earlier, using pricing recently provided by CCC and the assumptions used in the March 2017 study.

**Table 1. Comparison of Long-Term Pumping Facility Alternatives**

	<b>Alternative 1</b>	<b>Alternative 1A</b>	<b>Alternative 3</b>	<b>Alternative 3A</b>
	<u>Future DBOM for EPF</u>	<u>Extend CCC Contract</u>	<u>Construct Secured PS with Salvaged Equipment</u>	<u>Construct Secured PS with New Equipment</u>
Purchase of Equipment	\$0	\$0	\$442,000	\$0
Rental of Equipment	\$0	\$475,000	\$0	\$0
Installation of EPF *	\$4,520,000	\$2,598,000	\$6,810,000	\$0
<b>Total (rounded)</b>	\$4,500,000	\$3,100,000	\$7,300,000	\$7.5 to \$10 million
<i>Above cost analysis is consistent assumptions used for the HDR March 2017 report.</i>				
<b>Advantages</b>	No short-term costs	Potentially lowest cost for one install	Lowest long-term cost	Lowest O&M risk
<b>Disadvantages</b>	Higher long-term costs	More costly, if needed 2 times	Less robust than Alternative 3A	Higher capital investment
* Includes permit, PG&E, owner costs				

Figure 1 from the March 2017 report has been updated to incorporate Alternative 1A, which is significantly less expensive than other alternatives in the short-term, but has similar long-term disadvantages as Alternative 1. Alternative 3 has not been modified, but its costs could be higher if a more robust facility is constructed.



**Figure 1. Comparison of Life-Cycle Costs**

## Conclusions

1. Alternative 1A is the lowest-cost alternatives, assuming that a facility will be needed once and will operate for less than 3 years.
2. If the facility is needed two or more times, Alternative 3 is the clear choice.
3. If a more robust facility pumping facility is constructed (i.e., Alternative 3A), it should still be very attractive. Higher capital costs will be somewhat offset by lower maintenance costs. The concept and costs for the more robust facility (e.g., Ranney Well Alternative) needs further study to determine its economic feasibility.
4. Alternative 1A (extending CCC's contract) provides a low-cost, low-risk alternative in the short-term. This does not preclude working towards a secured facility.

## Recommendations

1. **Contract Extension.** Authorize the General Manager to implement Alternative 1A by executing a change order with CCC with the following elements:
  - a. Authorize storage of key equipment components<sup>1</sup>:
    - i. \$55,000 lump sum cost to prepare, transport and place the equipment in off-site storage facility
    - ii. Monthly payment of \$7,000 to maintain the equipment for at least two years
    - iii. COMB option to extend the contract beyond 2 years, if desired
  - b. CCC to re-establish a fully-functioning EPF upon 90-day notification from COMB, for a lump-sum cost of \$1,488,000
  - c. Other terms, conditions, and prices, shall be per the existing contract, with the following exceptions:
    - i. Standby operations: \$30,000 per month (currently \$51,000 per month)
    - ii. Site 1 operations: \$62,000 per month (currently \$98,000 per month)
    - iii. Site 2 operations: \$76,000 per month (currently \$124,000 per month)
    - iv. Cost to relocate facility from Site 1 to Site 2: \$765,000 (currently \$629,000)
  - d. Prices to be set for two years, with inflation adjustment starting in Year 3.
2. **Secured Facilities Project.** Consider when to pursue a Secured Pumping Facilities Project. Possible near-term actions are:
  - a. Develop a clearer concept for the Secured Pumping Station
  - b. Revise the Project Description. Proceed with CEQA / NEPA

<sup>1</sup> Key components are all items necessary to successfully re-establish the EPF within 90 days. It is up to CCC to determine what needs to be kept, but items to be stored will likely include the pumps, steel manifold/header pipes, valves, fish screens, meter, other instruments, the automatic transfer switch, VFDs, PLC, and other switchgear. The HDPE pipeline, piles and rafts are expected to be sold or used on other projects.

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	April 24, 2017
Presented by:	Edward Lyons
Approved by:	Janet Gingras

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**SUBJECT: COMB Proposed Draft Board Governance Policy**

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**SUMMARY:**

The attached proposed draft Board Governance Policy is presented to the Board for review and discussion. The purpose of the policy is to maintain the highest ethical standards for its Board members. The proper operation of COMB requires decisions and policy to be made within the proper channels of governmental structure, that public office not be used for personal gain, and that Board members remain objective and responsive to the needs of the public they serve. Accordingly, it is the policy of COMB that Board members and COMB employees maintain the highest standard of personal honesty and fairness in carrying out their duties. This policy sets forth the basic ethical standard to be followed by the Board of Directors of COMB. The objectives of this policy are to (1) provide guidance for dealing with ethical issues, (2) outline the function, role and responsibility of the governing Board of Directors, (3) heighten awareness of values as critical elements in Board members' conduct, and (4) improve decision-making and value-based management. This policy is intended to be included as a sub-section in a larger, comprehensive Administrative and Board Policy and Procedures Manual currently under development for COMB.

**LEGAL CONCURRENCE:**

Legal Counsel has reviewed the proposed draft Board Governance Policy.

**COMMITTEE STATUS:**

The Administrative Committee reviewed the proposed draft Board Governance Policy and forwards to the Board for review and discussion.

**RECOMMENDATION:**

The Board review and discuss the proposed Draft Board Governance Policy and provide direction to staff.

**LIST OF EXHIBITS:**

1. Proposed Draft Board Governance Policy



**POLICY AND PROCEDURE  
CACHUMA OPERATION & MAINTENANCE BOARD**

Approval Date:	<b>POLICY TITLE</b>	Policy No.: 1.0
	BOARD GOVERNANCE POLICY	Page 1 of 14

**1.0 BOARD GOVERNANCE POLICY**

**PURPOSE AND SCOPE**

This Policy applies to the Governing Board of Directors (Board) of the Cachuma Operation and Maintenance Board (COMB), and is specifically designed and intended to promote and maintain the highest ethical and professional standards for its members. The effective operation of COMB mandates that all decisions and policy be lawfully made within the authorized government structure, and in a manner preventing this public office from being used for personal gain. More importantly, in carrying out their duties and responsibilities, Board members must remain objective and responsive to the needs of the public and communities that they serve. Accordingly, it is the policy of COMB that Board members and COMB employees shall maintain the highest standard of personal and professional honesty, ethics and fairness in carrying out their duties.

This Policy sets forth the basic professional and ethical standards to be followed by the Board. The objectives of this Policy are to (1) provide guidance for dealing with ethical issues, (2) outline the function, role and responsibility of the Board, (3) heighten awareness of these ethical issues and values as critical elements in Board members' conduct and governing practices, and (4) improve decision-making and value-based management.

This Policy is being adopted pursuant to Section 1.7 of 1996 Amended and Restated Agreement for the Establishment of a Board of Control to Operate and Maintain the Cachuma Project – Cachuma Operation and Maintenance Board (COMB JPA),

**RESPONSIBILITIES OF PUBLIC OFFICE**

As set forth in Section 1.3 of the COMB JPA, COMB shall be governed by a Board of Directors (Board), which shall conduct the business and policy making affairs of COMB, and in that capacity, shall determine all provisions of COMB policy. All powers of COMB are exercised through the Board.

Members of the Board are obligated to uphold both the Constitution of the United States and the Constitution of the State of California. Board members will also comply with all applicable laws regulating their conduct, including conflict of interest, financial disclosure and open government laws. Board members will further strive to work in cooperation with other public officials, unless prohibited from so doing by law or officially-recognized confidentiality of their work. (California Government Code Section 1360; and Article 20, Section 3 of the California Constitution.)

**FUNCTION OF THE BOARD OF DIRECTORS**

As set forth in Sections 1.3 et seq. and 1.7, and Articles II and III of the COMB JPA, the Board has numerous enumerated powers, including, among other things, adopting resolutions and policies, appropriating funds, adhering to contractual agreements, and performing such other duties and responsibilities as are required of it or otherwise allowed by law. The Board

establishes policy through broad policy directive and general task assignments of a goal-oriented nature. The Board also has the authority to appoint a General Manager as well as review the General Manager's performance and establish his/her compensation level annually.

## **1.1 CODE OF CONDUCT AND DECORUM**

In adopting this Policy, the Board finds it critically important to include the following Code of Conduct and Decorum for members of the Board in order to promote and maintain the highest standards of personal and professional conduct in governance. While recognizing that conflict and disagreement are at times part of the public decision-making process, the Board acknowledges and values its duty to serve, at all times, as a model of ethical and civil behavior for all members of the Board, the public and for all COMB employees. Board decisions and actions, therefore, must comport with the highest ethical and professional standards and strictly adhere to the provisions of this Policy.

As noted in Section 1.7 of the COMB JPA, except as otherwise provided for by law, rule or regulation, the latest edition of Robert's Rules of Order shall be used in the conduct of COMB meetings and other proceedings.

### **1.1.1 Conduct of Public Meetings**

Each member of the Board has a duty to:

- (A) Thoroughly and diligently prepare for Regular Board, Special Board or Committee meetings by reviewing and understanding the background, purpose, and available materials relating to the noticed agenda items prior to the meeting.
- (B) When necessary, seek relevant information about agenda items and operational matters by contacting the General Manager prior to a Board or Committee Meeting.
- (C) Respect confidences and information designated as "confidential," including any such confidential information received during any closed session of the Board held under applicable state law. Do not disclose any information received during any closed session of the Board..
- (D) Recuse oneself from any discussion or agenda item where a possible conflict of interest or lack of impartiality exists.
- (E) Treat all persons with respect by actively listening to other viewpoints, and do not interrupt, ignore, or degrade the contributions of others. Members of the Board will at all times use professional language and avoid abusive and/or discourteous or disrespectful gestures or actions.
- (F) State one's views concisely and clearly during Board and Committee meetings. Refrain from discussing non-agenda items.
- (G) Refrain from abusive conduct, personal charges, or verbal attacks upon the character, motives, ethics, morals, or comments of other Members of the Board, COMB staff, or the public.
- (H) Make impartial decisions in the best interest of COMB, free of narrow political interests, financial, and other personal interests that impair independence of judgment or action, and are consistent with, but not limited to, COMB's mission statement, the requirements of the Political Reform Act, Regulations of the Fair Political Practices Commission, and other state and local laws.

- (I) Recognize and accept legitimate differences of opinion. Act with integrity in accepting, supporting, and defending the Board. Once the Board takes action, Board Members should respect the decision of the Board and not create barriers to the implementation of the approved action. The dissenting Member(s) may continue to oppose the decision; however, when speaking publicly, the dissenting Member(s) should acknowledge the formal decision of the Board and current policy of COMB.
- (J) Provide fair and equal treatment of all persons and matters coming before the Board.

### **1.1.2 Conduct in Office**

Each member of the Board has a duty to:

- (A) Support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; bear true faith and allegiance to the Constitutions of the United States and State of California; and will well and faithfully discharge the duties of the office.
- (B) Strive to work in cooperation with other public officials, unless prohibited from so doing by law or officially-recognized confidentiality of their work.
- (C) Abide by and defend all applicable laws and policies, especially the political campaign, lobbying, and conflict of interest laws enforced by the Fair Political Practices Commission, state laws, and COMB's Policies and Procedures Manual.
- (D) Safeguard the obligation to make independent, objective, fair, and impartial judgments by scrupulously avoiding financial and social relationships and transactions that may compromise, or give the appearance of compromising, objectivity, independence, and honesty.
- (E) Carefully consider whether an action exceeds, or appears to exceed, the authority of office for personal or financial gain. When in doubt, avoid actions that create, in the mind of a reasonable observer, the appearance of impropriety, ethical lapses, legal violations, or actions inconsistent with this Policy.
- (F) Respond to requests from media pursuant to the approved and established COMB Media Relations Policy.
- (G) Refrain from making any unauthorized commitments or promises of any kind purporting to bind COMB. Refrain from any gratuitous comments that may harm or prejudice COMB's position in litigation or potential litigation.
- (H) Refrain from using one's status as a public officeholder to influence the outcome of any non-COMB community meeting. When attending such meetings as a citizen, indicate when expressing personal opinions, and refer any questions relating to COMB policies to COMB's General Manager.
- (I) Utilize resources, including, but not limited to, equipment, supplies, staff time, telephones, computers, and fax machines, in a manner consistent with COMB policies, the Fair Political Practices Commission regulations, and state laws.

- (J) Correspondence paid for with public funds or on COMB stationery must relate to bona fide COMB business and must not purport to advance or advocate a policy not previously approved by the Board.
- (K) Report COMB activities to their respective Member agency.

### **1.1.3 Violation of Code of Conduct and Decorum Policy**

The President of the Board shall request that any Board member, who is breaching the rules of decorum, immediately refrain from such conduct, and should be orderly and comply with this Policy. After receiving such a warning, the President may agendaize an item for the next meeting of the Board to discuss the conduct and ask the Board to determine whether the conduct at issue is in violation of this Policy. In the event a majority of the Board determines that the conduct at issue was in violation of this Policy, the Board majority, as provided under Section 1.3(g) of the COMB JPA, may impose any of the following remedial actions:

- (a) Issue a letter of warning from the Board;
- (b) Adopt a Resolution expressing disapproval of the conduct of the Board member and censure by the Board;
- (c) Remove the Board member from his/her position on any committees or officer status;
- (d) Deny or reduce payment of per diem and/or expense reimbursement for the Board meetings at which the violation(s) occurred.

If the President of the Board fails to enforce the rules set forth above, any Board member may move the Board to require the President to do so, and an affirmative vote of the majority of the Board, as provided under Section 1.3(g) of the COMB JPA, shall require him/her to do so. In the event the President of the Board fails to carry out the will of a majority of the Board, the majority may designate another member of the Board to act as President for the limited purpose of enforcing any rule of this Policy which it wishes enforced.

## **1.2 FAIR AND EQUAL TREATMENT**

Board members, in the performance of their official duties and responsibilities, shall not discriminate against or harass any person on the basis of race, religion, color, creed, age, marital status, national origin, ancestry, gender, sexual orientation, gender identity or expression, genetic information, military service status, medical condition or physical or mental disability. A Board member shall not grant any special consideration, treatment or advantage to any person or group beyond that which is available to every other person or group in similar circumstances. (See, e.g., Article 1, Section 31 of the California Constitution; Age Discrimination Employment Act of 1967 (29 U.S.C., Section 621-634); Americans with Disabilities Act of 1990 (42 U.S.C., Section 12101 et. Seq.); Fair Employment and Housing Act (Government Code, Section 12900 et. Seq.); Rehabilitation Act of 1973 (29 U.S.C., Section 701 et. Seq.); Title VII of the Civil Rights Act of 1964 (42 U.S.C., Section 2000e et. Seq.); Labor Code Section 1102.)

## **1.3 USE OF CONFIDENTIAL INFORMATION**

- (A) A Board member is not authorized, without approval of the Board, to disclose information that qualifies as confidential information under applicable provisions of law to any person not authorized to receive such information, that (1) has been received for, or during, a closed session meeting of the Board, or (2) is protected from disclosure under the attorney/client, attorney work product or other evidentiary privilege.
- (B) This section does not prohibit any of the following: (1) making a confidential inquiry or complaint to a district attorney or grand jury concerning a perceived violation of law, including disclosing facts to a district attorney or grand jury that



are necessary to establish the alleged illegality of an action taken by COMB, an elected official or employee, (2) expressing an opinion concerning the propriety or legality of actions taken by COMB in closed session, including disclosure of the nature and extent of the allegedly unlawful action, or (3) disclosing information acquired by being present in a closed session that is not confidential information. Prior to disclosing any confidential information pursuant to (1) or (2) above, however, a Board member should first bring the matter to the attention of either the President of the Board or the full Board, to provide the Board an opportunity to cure any alleged violation.

- (C) A Board member who willfully and knowingly discloses for pecuniary gain confidential information received by him or her in the course of his or her official duties may be guilty of a misdemeanor under California Government Code Section 1098. (See also California Government Code Section 54963.)

#### **1.4 ETHICS**

The conduct of COMB's Board members, officers, and employees shall be consistent with the laws of the State of California, including, but not limited to, the California Public Officers' and Employees' Ethics Act, California Government Code Section 53235.

#### **1.5 VIOLATION OF ETHICS POLICY**

A perceived violation of this policy by a Board member should be referred to the President of the Board or the full Board for investigation. If the conduct is found to be a violation of COMB's policy by an affirmative vote of three members of the Board in an open and public meeting, as provided under Section 1.3(g) of the COMB JPA, the violation may be addressed by the use of such remedies as are available by law to COMB, including, but not limited to: (a) adoption of a resolution expressing disapproval of the conduct of the Board member who has violated this policy, (b) injunctive relief, or (c) referral of the violation to the District Attorney and/or the County Grand Jury.

#### **1.6 CONFLICT OF INTEREST**

- (A) A Board member shall not have a financial interest in a contract with COMB, or be a purchaser at a sale by COMB or a vendor at a purchase made by COMB, unless the Board member's participation was authorized under Government Code Sections 1091 or 1091.5, or other provisions of law. (See COMB Conflict of Interest Code under separate cover.)
- (B) A Board member shall not recommend the employment of a relative by COMB. A Board member will not recommend the employment of a relative to any person known by the Board member to be bidding for or negotiating a contract with COMB.
- (C) A Board member who knowingly asks for, accepts or agrees to receive any gift, reward or promise thereof for doing an official act, except as may be authorized by law, may be guilty of a criminal violation. (See California Government Code Section 1090 et seq. and California Penal Code Sections 67 through 70.)

#### **1.7 COMPLIANCE WITH THE BROWN ACT**

The members of the Board, and persons elected, but who have not yet assumed office as members of the Board, shall fully comply with the provisions of the state's open meeting law for public agencies, commonly referred to as the "Ralph M. Brown Act" or "Brown Act". (California Government Code Sections 54950 et seq., including 54952.1 and 54959.)

## **1.8 INCOMPATIBLE OFFICES**

A Board member shall not hold a public office, the duties of which may require action contradictory or inconsistent with his or her duties as a Board member (as determined under applicable law). (See, generally, 73 Cal.Op.Atty. Gen. 357 (1990). See also California Government Code Section 53227.)

## **1.9 IMPROPER ACTIVITIES AND THE REPORTING OF SUCH ACTIVITIES; PROTECTION OF “WHISTLE BLOWERS”**

- (A) The General Manager has the primary responsibility for (1) ensuring compliance with COMB’s Policies and Procedures Manual and Employee Handbook, and ensuring that COMB employees do not engage in improper activities, (2) investigating allegations of improper activities, and (3) taking appropriate corrective and disciplinary actions.

The Board has a duty to ensure that the General Manager is operating COMB according to the law and the policies approved by the Board. Board members are encouraged to fulfill their obligation to the public and COMB by disclosing to the General Manger, to the extent not expressly prohibited by law, improper activities within their knowledge. Board members shall not interfere with the General Manager’s responsibilities in identifying, investigating, abating and correcting improper activities, unless the full Board determines that the General Manager is not properly carrying out these responsibilities.

- (B) A Board member shall not directly or indirectly use or attempt to use the authority or influence of his or her position for the purpose of intimidating, threatening, coercing, commanding or influencing any other person for the purpose of preventing such person from acting in good faith to report or otherwise bring to the attention of the General Manager or the Board any information that, if true, would constitute: a work-related violation by a Board member or COMB employee of any law or regulation, gross waste of COMB funds, gross abuse of authority, a specified and substantial danger to public health or safety due to an act or omission of a COMB official or employee, use of a COMB office or position or of COMB resources for personal gain, or a conflict of interest with a COMB Board member or COMB employee.
- (C) A Board member shall not use or threaten to use any official authority or influence to effect any action as a reprisal against a COMB Board member or COMB employee who reports or otherwise brings to the attention of the General Manager any information regarding the subjects described in this section. (California Labor Code Section 1102.5 et seq.; Government Code Sections 53298 and 53298.5.)

## **1.10 PROPER USE AND SAFEGUARDING OF AGENCY PROPERTY AND RESOURCES**

Except as specifically authorized, a Board member shall not use or permit the use of COMB-owned vehicles, equipment, telephones, materials or property for personal benefit or profit. A Board member shall not ask or require a COMB employee to perform services for the personal benefit or profit of a Board member or employee. Each Board member must protect and properly use any COMB asset within his or her control including information recorded on paper or in electronic form. Board members shall safeguard COMB property, equipment, funds and assets against unauthorized use or removal, as well as from loss due to criminal act or breach of trust.

(Article 16, Section 6 of the California Constitution, Government Code Section 8314; Penal Code Section 424; see *People v. Battin* (1978) 77 Cal.App.3d 635.)

#### **1.11 TERM OF APPOINTMENT**

As set forth in Section 1.2 of the COMB JPA, COMB was created as a separate public Joint Powers Authority pursuant to California Government Code Section 6500 et seq., wherein the Board serves as the Governing Body appointed by its respective Member Agencies of which the members are elected representatives.

- (A) Each Board member shall serve until a successor is duly appointed and qualified, unless the member earlier is removed from office or resigns or otherwise leaves office.

#### **1.12 BOARD OFFICERS**

As provided in Section 2.1 of the COMB JPA, the Board shall elect by vote, one of its members as President and one of its members as Vice President. A Board member can elect not to serve in those offices. The President and Vice President shall serve a one-year term and shall serve at the pleasure of the Board. Elections shall be held during the last month of each fiscal year. At the meeting at which such an election is held, the Board shall also appoint both a Secretary to the Board and an Assistant Secretary to the Board. (See Section 2.1 of the COMB JPA). The Board shall also appoint a Treasurer/Auditor-Controller. (See Section 2.2 of the COMB JPA).

In electing these offices, the President of the Board shall call for nominations from members of the Board. Board members shall not nominate themselves. No second shall be required. Once all nominations have been made, the President of the Board shall call for a roll call vote. A majority vote of the Board, as provided under Section 1.3(g) of the COMB JPA, shall be required for election. If only one person should be nominated for an office, the Board may act by motion and roll call vote to elect such nominee.

#### **1.13 VACANCIES IN BOARD OF DIRECTORS**

- (A) Events Creating Vacancies. A vacancy in a Board member's term of office shall be deemed to exist in the case of death, resignation, disqualification of the member, or if a member has been declared of unsound mind by order of a court or if a member has been convicted of a felony.
- (B) Replacement. Whenever a vacancy occurs on the Board, a replacement to serve out the unexpired term shall be appointed by the COMB Member Agency from which the vacancy was generated.

#### **1.14 RESIGNATION**

Any officer elected pursuant to Section 1.13 above may resign at any time by giving verbal or written notice to the Board or to the Secretary of the Board. Any resignation shall take effect upon receipt of such notice or at any later time specified therein. Unless otherwise specified in the notice, acceptance of the resignation shall not be necessary to make it effective.

#### **1.15 REMOVAL OF OFFICERS**

Any officer elected pursuant to Section 1.13 above may be removed by a majority vote of the Board, as provided under Section 1.3(g) of the COMB JPA, whenever in its judgment the best interests of COMB would be served.

## **1.16 VACANCIES IN OFFICES**

A vacancy in any elected office under Section 1.13 above, because of death, resignation, removal, disqualification, or otherwise, may be filled by the Board for the unexpired portion of the officer's term, pursuant to the selection provisions of Section 1.13 above. In case of the Secretary or Treasurer, the President may appoint a new Secretary or Treasurer to serve until such time as the Board shall appoint a successor and the person or persons so appointed have qualified.

## **1.17 DUTIES OF PRESIDENT OF THE BOARD**

The President of the Board shall serve as Chair of the Board and preside over and conduct the meetings of the Board according to the Ralph M. Brown Act, and maintain order and decorum. The latest edition of Robert's Rules of Order shall be used as a general guideline for meeting protocol. The President shall have the same rights as the other members of the Board in voting, introducing motions, resolutions, and any discussion questions that follow said actions. The President shall carry out duties as required or imposed by law or a majority vote of the Board, as provided in Section 1.3(g) of the COMB JPA. In so doing, the President shall have the following powers and responsibilities:

- (A) To assure that business of the Board is conducted in an orderly and businesslike manner and to enforce reasonable rules of decorum.
- (B) To appoint committees as soon as practical following an election and modify appointments to internal committees at any time.
- (C) To follow the prepared and noticed agenda, unless the Board concurs to any changes.
- (D) To set reasonable limits upon the length of time a member of the public may speak at open meetings.
- (E) To recognize Board Members who wish to be heard and allow them the opportunity to speak without interruption, in order to completely convey their position.
- (F) To restate, where necessary, and to put to a vote all questions properly before the Board and to announce the result of each vote.
- (G) To request termination of debate after there has been reasonable opportunity for full discussion of any issue and further debate would be needlessly repetitive or otherwise not useful, and where proper, to put the matter to a vote.
- (H) To rule out-of-order any comment by Board members, staff, or members of the public not germane to the issue before the Board.
- (I) To declare the meeting adjourned if in his/her judgment an emergency exists requiring adjournment.
- (J) To authenticate by signature official records of COMB and to sign letters of support or opposition to legislators when time does not allow for consideration by the full Board.
- (K) To be granted the authority by the full Board to officially represent the Board in any public announcements, and can thereby, speak on behalf of the Board in support of the formal decisions of the full Board.

- (L) When representing the Board at meetings or events other than ceremonial and those assigned as a committee representative, the President shall notify the full Board prior to the meeting or event.
- (M) Execute on behalf of COMB all of the following Board-approved actions:
  - (1) All bonds and instruments creating debt against COMB.
  - (2) All Board resolutions.
  - (3) Agreements with the United States, State of California, or any other governmental entity, department or political subdivision, unless delegated in writing to the General Manager by the President or allowed the General Manager by other sections in this manual.
  - (4) The countersigning of disbursement checks.
  - (5) Agreements specifically authorized and directed by the Board.
  - (6) Real estate leases, and all deeds and conveyance documents in which COMB is a grantor of any interest.
  - (7) Contracts and agreements authorized by the Board which cause COMB to incur extraordinary expenditures not described within COMB's annual budget.
  - (8) All other contracts and agreements specifically required of the President by applicable law.
- (N) Represent the will of the Board.

#### **1.18 DUTIES OF VICE PRESIDENT OF THE BOARD**

- (A) The Vice President shall act only in cases of the inability or refusal to act or in the absence of the President of the Board, and shall assume those powers and duties granted the President. The determination as to the inability or refusal to act shall be made by a vote of the Board, as provided under Section 1.3(g) of the COMB JPA.
- (B) The President may request any member of the Board to represent COMB outside of the Board meetings. When no designee is appointed by the President, the Vice President shall represent COMB.
- (C) If no member of the Board is able to represent the President (other than in official Board meetings) the General Manager or his designated staff member shall do so.

#### **1.19 SUCCESSION OF AUTHORITY**

In the event that the offices of President and Vice President are vacant or the members of the Board occupying those offices are absent or otherwise unavailable, the senior member of the Board, in terms of length of continuous service on the Board, shall serve as Acting President of the Board, with all the power and authority of the President.

## **1.20 DUTIES OF THE SECRETARY**

As set forth in Section 2.1(c) of the COMB JPA, the Secretary shall take and prepare minutes of the Board, and attest to the minutes, resolutions, and other documents of the Board. The Secretary shall also prepare, post, and publish notices as required by law. The Secretary shall declare a meeting adjourned to a stated time and place if there is a lack of quorum. The Secretary shall maintain official records of the Board and carry out other duties as required or imposed by law or a majority vote of the Board. The Assistant Secretary shall exercise the duties of the Secretary if the Secretary is absent or unable to act.

- (A) The Secretary shall be custodian of the records of COMB and of its seal; shall cause minutes of all meetings of the Board to be kept and the minutes shall not be "final" or "official" until they have been formally approved by the Board; shall assist the Board in such particulars as it may direct in the performance of its duties; and shall perform those duties authorized by the California Government Code, or by this manual.
- (B) The Secretary shall attest, under the seal of COMB, all certified copies of the official records and files of COMB.
- (C) The Secretary shall serve as Treasurer of COMB unless a Treasurer is otherwise provided for by the Board.
- (D) The Board may appoint an Assistant Secretary to function in the absence of the Secretary with all the power and authority of the Secretary.

## **1.21 APPOINTMENT OF TREASURER/AUDITOR-CONTROLLER**

As set forth in Section 2.2 of the COMB JPA, the Board shall appoint a Treasurer/Auditor-Controller. The Treasurer/Auditor-Controller shall implement and maintain a system of auditing and accounting that will completely and at all times show the financial condition of COMB in accordance with generally accepted accounting principles and legal requirements. The Board will retain and periodically review the work of an auditor as an independent contractor of COMB (other than the Treasurer/Auditor-Controller), who will report to the Board, to conduct an annual audit of COMB's books, records and financial affairs.

## **1.22 DUTIES OF TREASURER/AUDITOR CONTROLLER**

- (A) The Treasurer/Auditor-Controller shall be custodian of all money, bonds, or other securities of COMB.
- (B) The Treasurer/Auditor-Controller shall determine the cash requirements of COMB and provide for the deposit and investment of all money in accordance with COMB's investment policy.
- (C) The Treasurer/Auditor-Controller shall receive all public funds and money payable to COMB including all assessments, grant funds, and intergovernmental revenue, and keep an accurate, detailed account of those funds and money as required by law and as directed by the Board.
- (D) The Treasurer/Auditor-Controller shall collect all assessments as provided by law and the COMB JPA.
- (E) The Treasurer/Auditor-Controller shall sign all checks. Prior to affixing the signature, the Treasurer shall determine that a sufficient amount is on deposit in the appropriate bank account of COMB to honor the check.

- (F) The Treasurer/Auditor-Controller shall promptly deposit all COMB funds in the appropriate bank accounts of COMB. COMB funds shall not be commingled with funds of another person or entity.
- (G) The Treasurer/Auditor-Controller shall be responsible for monitoring expenditures during the fiscal year within compliance of COMB's Procurement Policy and adopted Budget.
- (H) If the Treasurer/Auditor-Controller, or any other employee or officer of COMB, is using COMB funds for personal profit or for any purpose not authorized by law, that person shall be subject to discipline, including, but not limited to, termination and referral to the District Attorney for possible criminal prosecution.

### **1.23 POWER VESTED IN THE BOARD OF DIRECTORS**

The Board shall exercise and control or authorize the exercise and control of all the business and affairs of COMB, subject to the limitations of this document, the State Constitution, and other applicable state and federal laws.

### **1.24 FORMATION OF COMMITTEES**

The President of the Board may form committees composed of its own members for such purposes as he/she deems appropriate, and consistent with applicable open meeting laws.

### **1.25 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 of these committees is composed of two Board members and one alternate Board member. Appointments to the committees are made by the President of the Board, typically during the first month of the fiscal year or as necessary. The committees meet with staff on an as-needed basis and review and recommend proposed actions to the Board in regard to, among other things, capital improvements, finance, and other matters. On occasion, COMB utilizes ad-hoc committees that are temporary in nature.

- (A) Appointment of Committee Members. The President of the Board shall appoint members of the Board to various committees and shall designate the Chair and alternate for each committee.
- (B) Meetings of Committees. Meetings of committees shall be held at such time as the members of the individual committees agree. Notice of committee meetings shall be given to all Board members in a timely fashion, with meetings noticed as required by law. The Chair of the committee or designated replacement shall conduct all meetings of the committee.
- (D) Committee Reports. Committee reports shall be made by the Chair of the committee at the Regular Board meeting conducted each month.

### **1.26 TRAINING**

Every two years, each member of the Board shall provide a certification of Code of Ethics training in order to maintain compliance with AB 1234.

### **1.27 BOARD MEMBERS' COMPENSATION**

Each member of the Board will receive compensation for service on the Board and will be paid monthly.

### **1.28 CHANGES IN COMPENSATION**

Changes in the compensation of Board members will require the approval of the Board during an open meeting of the Board held at least 60 days prior to the effective date of the change.

### **1.29 BOARD MEMBER-GENERAL MANAGER RELATIONSHIP**

- (A) The Board is the governing body of COMB, and in that capacity, sets policy for COMB. The Board shall act only at its regular, special or emergency meetings. All powers of COMB shall be exercised and performed by the Board as a body. Individual Board members, except as otherwise authorized by the Board, shall have no power to act on behalf of COMB, or the Board, or to direct the staff of COMB.
- (B) Correspondence paid for with public funds or on COMB stationery must relate to bona fide COMB business and shall not purport to advance or advocate a policy not previously approved by the Board. No individual Board member, except as otherwise authorized by the Board, shall transmit any COMB correspondence without authorization from the Board to serve as spokesperson for this purpose. When otherwise signing correspondence using their title as a member of the Board and presenting their individual opinions and positions, members of the Board shall explicitly state they do not represent COMB and will not permit the inference that they represent COMB on that particular personal matter.
- (C) COMB's General Manager serves at the pleasure of the Board. The Board will provide policy direction to the General Manager on matters within the authority of the Board by majority vote of the Board during duly-convened Board meetings. Members of the Board will deal with matters within the authority of the General Manager through the General Manager, and not through other COMB employees, except as it pertains to the functions of the Treasurer/Auditor-Controller. Members of the Board will refrain from making requests directly to COMB employees to request information, undertake analyses, perform other work assignments or change the priority of work assignments.
- (D) COMB's General Manager is responsible for overall management of the day-to-day and long-term operations and activities of COMB; organizes and assigns responsibilities and directs and oversees the management provided by subordinate managers consistent with COMB policy and other provisions of law.
- (E) The General Manager shall devote his/her full attention to the performance of the assigned powers and duties and shall not engage in other outside employment without the consent of the Board.

### **1.30 ADMINISTRATIVE POWERS VESTED IN GENERAL MANAGER**

The General Manager shall serve and act as the chief executive officer of COMB. The executive and administrative powers of COMB are vested in and exercised by and through the General Manager and his/her designees and/or employees.



### **1.31 APPOINTMENT OF GENERAL MANAGER**

As set forth in Section 2.5 of the COMB JPA, the Board, by a majority vote, as provided in Section 1.3(g) of the COMB JPA, shall appoint the General Manager. The General Manager shall be appointed solely on the basis of his/her ability, integrity and prior experience relating to the duties of the office, including, but not limited to, abilities of public administration and leadership; and shall possess managerial capabilities as in the opinion of the Board befit him/her to provide professional advice and recommendations to the Board and direction to COMB staff.

### **1.32 POWERS AND DUTIES OF THE GENERAL MANAGER**

The powers and duties of the General Manager included, but are not limited to:

- Provides overall management of the day-to-day and long-term operations and activities of COMB; organizes and assigns responsibilities and directs and oversees the management provided by subordinate managers and employees.
- Interprets and ensures compliance with all COMB policies, procedures, and contractual obligations, standards of quality and safety, and all applicable local, state and federal laws and regulations; approves periodic updates of standard operating procedures, emergency action plans, and the employee handbook.
- Within a broad framework established by the Board, directs the establishment of overall strategic plans, long-term goals and objectives for the agency; guides departmental long- and short-term planning and the development of departmental goals and objectives.
- Coordinates the development and management of COMB's annual budget; reviews and approves expenditures and deposits; manages investments of excess revenue and reserve funds.
- Represents COMB in certain matters involving the U.S. Bureau of Reclamation, the County of Santa Barbara, the five Member Units of the Cachuma Project and all other public agencies and private groups; coordinates activities and schedules projects.
- Works with the COMB general counsel and other attorneys as needed to develop plans and strategies to resolve contractual and legal issues.
- Keeps the Board informed of COMB activities and of laws, issues or problems that may affect COMB operations; requests policy and related actions from the Board; directs the preparation of meeting materials for the Board and its committees and attends all Board meetings.
- Selects, supervises and evaluates the performance of subordinate managerial and support staff. Provides for appropriate training and professional / technical development for staff, and implements disciplinary action as appropriate.
- Directs COMB fiscal, administrative, engineering, construction and maintenance activities through subordinate personnel; provides guidance and direction to management staff on issues related to general management of their functions, policies and procedures, finance, inter-and intra-organizational coordination, and personnel management.
- Provides final authority on COMB personnel matters, including a safety program, benefits programs, payroll and other employee services, and employment/discharge of all staff.
- Implements risk management policies and manages insurance programs.

- Performs or oversees the monitoring and evaluation of legislation, trends and issues affecting the water industry, and directs the formulation of appropriate responses.
- Receives and responds to inquiries, concerns and complaints regarding COMB projects, policies, programs, activities, subpoenas, Grand Jury requests, public record act requests, and media requests according to approved and established policy.
- Performs general administrative duties as required, including, but not limited to, attending and conducting meetings, preparing reports and correspondence, compiling data for reports, reviewing professional literature, entering computer data, etc.

### **1.33 AGENDA PREPARATION AND DISTRIBUTION**

- (A) The General Manager or his/her designee shall be responsible for developing the agenda for each Board meeting. Agenda items will be generated by the need to conduct COMB's business in a timely manner. Any member of the Board may place an item on the agenda of a Board meeting for initial discussion, provided the request meets the agenda posting requirements.
- (B) A member of the public has the right to present items to the Board under the agenda item "Public Comment," as long as those items are under the subject matter jurisdiction of the COMB Board. At that time, the Board may discuss placing the item on a future agenda.

In addition, a member of the public may request that a matter be placed on the Board agenda by making a written request to the General Manager, who will obtain the approval of the President of the Board before placing the item on an agenda for initial discussion.

- (C) The Board Secretary shall be responsible for the preparation and distribution of Board meeting agendas and shall coordinate the assembly of supporting documents.

### **1.34 APPOINTMENT OF GENERAL COUNSEL**

The Board shall appoint, by a majority vote of the Board, as provided under Section 1.3(g) of the COMB JPA, a qualified person, who is a member in good standing of the California State Bar, to serve as General Counsel. He/She shall be engaged and act as the General Counsel for COMB and perform such other duties as assigned by the Board or by the General Manager.

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	April 24, 2017
Submitted by:	Janet Gingras

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**SUBJECT: APPOINTMENT OF REPRESENTATIVE TO CACHUMA PROJECT TRUST FUND AND RENEWAL FUND COMMITTEE AND BETTERMENT FUND USE OF FUNDS DISCUSSION**

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**SUMMARY:**

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

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

Resolution No. 249, approved by the COMB Board of Directors, established the process for administration of the Cachuma Project Trust Fund and the Cachuma Master Contract Renewal Fund which are to be merged and carried out under a single committee directing the preparation and implementation of Long Term and Annual Work Plans. The Trust Fund Committee is now referred to as the Trust Fund / Renewal Fund Committee and develops a single Long Term Plan and Annual Plans for expenditure of monies from both Funds. Further, the COMB Board shall appoint a representative to that Committee, based on recommendations from the Cachuma Member Units, and the representative shall work with the Bureau of Reclamation Committee member to develop joint plans for use of the funds.

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

For Board consideration, it is recommended that the General Manager be appointed to serve as the Member Units' representative on the Trust Fund / Renewal Fund Committee and Betterment Fund use of funds discussion.

**RECOMMENDATION:**

Board approve the appointment of the Cachuma Operation and Maintenance Board General Manager to serve as the Cachuma Member Units' representative for the Cachuma Project Trust Fund and Renewal Fund Committee and Betterment Fund use of funds discussion.

**LIST OF EXHIBITS:**

None at this time.

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	April 24, 2017
Submitted by:	Tim Robinson
Approved by:	Janet Gingras

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

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**SUMMARY:**

***Project Description:*** A 55-foot prefabricated bottomless arched culvert replaced the pre-existing concrete low flow crossing at Quiota Creek Crossing 0A. The project 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); won the competitive bid and 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 Vyeniolo, 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*)	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:*** The project started on 10/13/16 and was successfully completed on 12/15/16 as designed (Figure 1 included as Exhibits). The County, regulatory agencies and landowners were pleased with the outcome of the project. PLC did an excellent job with the project and kept project costs within budget. A Notice of Completion has been filed with the County. Needed fixes to the project from

damages sustained during high flow events this past winter were completed on 3/30/17 (Figure 2 included as Exhibits). The newly disturbed areas were hydro-seeded to promote vegetation cover and the project has now been returned to design criteria specifically for flow conveyance under the bridge. Final reports and the grant reimbursement request have been submitted to the associated regulatory agencies with payment expected soon.

***Work Projected for Next Month:*** Close out the County Grading Permit.

**FINANCIAL IMPACT:**

A summary of the estimate and current project expenses is presented in Table 1 (included as an Exhibit).

The project was built per design specifications and came in under budget. There were three Change Orders (CO) for this project and all were reviewed first by the Fisheries Committee then the Board with approval thereafter. CO-1 was for \$31,445.55 and addressed vegetation relocation, extra rebar and concrete in the bridge foundations, and extra strapping for the bridge arches. CO-2 was for \$9,520.00 that dealt with cutting bridge bolts, relocation of an unexpected waterline, a Grading Bond and overtime. CO-3 for \$60,000 removed a cobble bar below the bridge that was deposited during high winter storm runoff events that reduced the flow conveyance. These additional project expense remains well below the project budget and revenues for the project (Table 1). We are awaiting the final closure of the County Grading Permit that we expect soon which may have an additional associated required fee.

**LEGAL CONCURRENCE:**

COMB legal counsel has reviewed and approved the project.

**ENVIRONMENTAL COMPLIANCE:**

All permits have been obtained and were followed.

**COMMITTEE STATUS:**

The Fisheries Committee received routine updates throughout the project.

**RECOMMENDATION:**

Receive and file.

**LIST OF EXHIBITS:**

**Table 1: Financial summary of the Quiota Creek Crossing OA Project.**

	Amount	
<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:	\$132,038	
Change Order 1 (veg relocation, extra rebar+concrete, extra strapping) (approved):	\$31,446	
Change Order 2 (cutting bridge bolts, waterline, overtime, grading bond) (approved):	\$9,520	
Change Order 3 (fix: cobble bar removal, rock vane repair) (approved):	\$60,000	
<b>Adjusted Construction Contract Amount:</b>	<b>\$548,974</b>	
	<b>Amount</b>	
<b>Total Expenditure:</b>	<b>FY17</b>	<b>FY16</b>
PLC - Invoice 1:	\$177,760	
PLC - Invoice 2:	\$138,210	
PLC - CO-1 (approved):	\$31,446	
PLC - CO-2 (approved):	\$9,520	
PLC - CO-3 (approved):	\$60,000	
PG&E (overhead line removal and reinstallation):	\$7,680	
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	
Resident Engineer - Gino Filippin (site construction) - Invoice 2:	\$3,604	
Resident Engineer - Gino Filippin (site construction) - Invoice 3:	\$2,908	
Oversight Engineer - AECOM (fabrication) - Invoice 1:	\$4,294	
Project Engineering and Oversight - HDR - Invoice 1:	\$5,016	
Project Engineering and Oversight - HDR - Invoice 2:	\$1,800	
Project Engineering for As-Built Drawings - HDR - Invoice 2:	\$3,639	
Materials Testing - Krazan (Bethlehem) - Invoice 1:	\$2,228	
Materials Testing - Krazan (Bethlehem) - Invoice 2:	\$2,590	
Materials Testing - Fugro (site construction) - Invoice 1:	\$5,514	
Materials Testing - Fugro (site construction) - Invoice 2:	\$2,138	
Cultural Monitoring (Chumash) - Invoice 1:	\$3,105	
Cultural Monitoring (Chumash) - Invoice 2:	\$4,190	
Bird Survey (Storrer Environmental Services):	\$850	
S&S Sees (hydro-seeding):	\$1,779	
COMB Legal Counsel Bid Packet + Contract review:	\$2,463	
Manzanita Nursery + Planting Materials (mitigation oak trees):	\$350	
Reproduction services - all invoices:	\$574	
Davis Family Property Easement Fee:	\$5,000	
SB County Permit Fees (all):	\$9,904	\$5,297
CDFW 1600 Permit Fee:		\$4,912
CDFW EIR/EIS CEQA Filing Fee. Documentation + Shipping:	\$6,124	
<b>Total Paid:</b>	<b>\$635,666</b>	<b>\$10,210</b>
% Estimated Costs to Total Expenditures:	90.8%	
Estimated Costs minus Total Expenditures:	\$64,474	
Revenues minus Total Expenditures:	\$188,238	



**Figure 1:** Pre-project condition looking (a) across the crossing and (b) upstream at the crossing with flow, then the As-Built condition looking (c) downstream and (d) across the project area towards the end of December, 2016.





**Figure 2:** The required fix of the project after strong winter storm flow events specifically the change from the (a) As-Built condition to (b) deposited cobble bar below the bridge, (c) the removal of the cobble bar, and (d) the finished repair returning the project to its design criteria.



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."*

April 24, 2017

**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 Managers Meeting

The Cachuma Project Member Agency Managers meeting is hosted monthly by the Santa Barbara County Water Agency and was held on Wednesday, April 5, 2017. The agenda topics included discussions regarding Cachuma Lake levels, evaporation calculation, historical rainfall, fish releases, project water allocations, and the contract renewal process. Discussions regarding the contract renewal process will continue at the next meeting scheduled for Wednesday, May 3, 2017.

- Santa Barbara County Office of Emergency Management (OEM)

At the last drought action working group meeting there was discussion with Cal OES and Santa Barbara County Office of Emergency Management (OEM) on conducting a tabletop exercise simulating a water outage. The exercise has been scheduled and is being conducted with the intention of exercising the ability of water agencies to share water and resources from one jurisdiction to another, and exam the ability to provide water during an outage/shortage when domestic systems are out of service. Cal OES has allocated resources and is working closely with Santa Barbara County and OEM to conduct the exercise.

The Santa Barbara County OEM is hosting a follow-up meeting with Santa Barbara Drought Action Working Group and Cal OES Director Ghilarducci to discuss all related drought issues and actions taken place locally and to discuss next steps going forward.

Administration

- Bradbury and Lauro Dam Safety of Dams (SOD) Repayment Contracts

Reclamation has notified COMB they will be providing a final cost update for the Bradbury Dam SOD seismic retrofit project by mid-May. Due to additional approved costs associated with Bradbury and not reflected in the original contract, Reclamation will amend the contract and adjust the repayment schedule accordingly to reflect total costs and repayment of the project. The process is anticipated to be completed by October 2017.

The Lauro SOD contract addition will consist of an updated payment exhibit only with completion near the end of May 2017. The Member Agencies are responsible for fifteen percent of total costs on each of the SOD contracts. Through the audit process, COMB has annually recorded any anticipated contractual liability associated with total expenditures on each of the projects.

- ACWA/JPIA Retrospective Premium Adjustment (RPA) Stabilization Fund Report

COMB received a premium adjustment refund originating from the ACWA/JPIA Liability, Property and Worker's Compensation Programs. At the beginning of each policy period, the JPIA collects a deposit premium representing estimated costs for that year. Annually, the JPIA looks back at the estimate and reconciles the fund balance to actual claims paid. When a member's fund balance exceeds 60 percent of its basic premium, the excess money is refunded. The refund is reflective of a low paid claims history.

#### Operations Division Activities

- Water Systems Optimization (WSO)

WSO provided staff with the results of the mass balance and system meter evaluation study. The draft report has been delivered to the Member Agencies for review and comment and will be submitted to the Operations Committee once finalized. A program of meter replacement has been added to the COMB Infrastructure Improvement Plan.

- USBR Emergency Action Plan training

On Tuesday, April 18<sup>th</sup>, the Bureau of Reclamation hosted an Emergency Action Plan training session with COMB Operations Division staff and personnel from Casitas Municipal Water District. The session consisted of an overview and updates to Reclamations' Emergency Action Plan for the Cachuma Project Facilities.

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

#### Fisheries Division Activities

- Oak Tree Planting

The Fisheries Division personnel, with assistance from the Operations Division crew, have been planting new oak trees (Year 9) at Lake Cachuma County Park. Approximately 300 oak trees have been planted to date. Crews are wrapping up the annual oak tree inventory, weeding and mulching on various age classes of oak trees.

- Migrant Trapping

The Fisheries Division is wrapping up the migrant trapping season this Friday, April 21<sup>st</sup> by removing both the Salsipuedes and Hilton Creek traps. The lack of captures (no *O. mykiss*) captured since March 4<sup>th</sup> and diminishing flows (particularly in Salsipuedes Creek) warrants trap removal for the season. However, if a significant storm falls over the course of the next few weeks, staff may decide to re-install the traps for a period of a few weeks to verify additional *O. mykiss* movement.

- CDFW Fisheries Restoration Grant Program (FRPG) Grant

The Fisheries Division staff is in the process of completing the Quiota Creek Crossing No. 9 grant application for the 2017 FRGP cycle.

Respectfully Submitted,

*Janet Gingras*

General Manager

# EMERGENCY PUMPING FACILITY PROJECT FY 2016/2017

Attachment A

AS OF: 3/31/2017

**FY 16/17 APPROVED BUDGET**

Emergency Pumping Facility Project

ACCT #6120

**\$ 2,160,374.00 Total Budget Approved FY 16/17**

FY 16/17 EMERGENCY PUMPING FACILITY PROJECT				
CONSULTANTS	BUDGET	EXPENDED	BALANCE	Description
Cushman Contracting	2,060,374.00	1,457,674.84	602,699.16	Construction - Phase II/Operations
HDR Engineering	100,000.00	78,447.71	21,552.29	Contract Management tasks
Musick, Peeler & Garrett	-	1,127.00	(1,127.00)	Legal costs
American Riviera Bank	-	7,045.23	(7,045.23)	Loan fees/Interest (CVWD/GWD/MWD)
Misc	-	-	-	Materials, supplies, Permits, etc.
Totals	\$ 2,160,374.00	\$ 1,544,294.78	\$ 616,079.22	

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	
\$ 9,981,189.00	\$ 8,828,034.99	\$ 1,153,154.01	

# CACHUMA OPERATION AND MAINTENANCE BOARD

## MEMORANDUM

**DATE:** April 24, 2017

**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 distribution and storage system. Staff continually endeavors to improve the system, address deficiencies and identify items to be included in the Infrastructure Improvement Program (IIP).

### Lake Cachuma Operations

The total flow from Lake Cachuma into the Tecolote Tunnel for March was 594.7 acre-feet, for an average daily flow of 19.183 acre-feet. Lake elevation was 710.01 feet at the beginning of the month and 714.30feet at the end. Storage change increased 8,074 acre-feet. CCWA wheeled 1,018.9 acre-feet of water to Cachuma Project facilities.

### Operation and Maintenance Activities

COMB Staff regularly performs the following duties:

- Operations and maintenance of the SCC and 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 Lake Cachuma to meet the needs of South Coast Member Units
- Dam inspection and instrumentation reports (all reservoirs)
- Weekly Safety meetings

- Weekly Rodent Bait (all reservoirs)
- Weekly Toe Drain and Piezometer reads at Ortega (L23)
- Structure maintenance per Work Plan
- USA Dig Alert – Responded as necessary to alerts
- Pesticide report to County of Santa Barbara
- Operational tests of generators at the North Portal and at Lauro Yard
- Inspection of fire extinguishers
- Read anodes and rectifier data
- Water samples taken at Lake Cachuma
- Clean up, inspection, and tool Inventory of all vehicles
- Clean up 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:

- ✓ Emergency Action Plan Training
- ✓ Emergency Preparedness
- ✓ Fire Safety
- ✓ Jacks, Lifts and Hoists Safety

COMB Operations Staff specifically performed the following activities:

- USBR staff was on site April 18 to review and perform Emergency Action Plan training.
- Assisted the Fisheries division in the planting of oak trees.
- Onsite calibration performed on Venturi meters at the North Portal, Lauro Reservoir and Sheffield Control Station.
- Constructed a temporary repair of the Sheffield Control station road which was damaged during February's storms.
- Cleaned the North Portal Intake Tower fish and debris screens.
- Exercised North Portal Intake Tower slide gates.
- Performed monthly water sampling for the City of Santa Barbara.
- Performed annual weed abatement at Lauro and Carpinteria Reservoirs.
- Operations department continually inspects all sites, reservoirs, and the South Coast Conduit for items to add to the IIP for future projects.

Current IIP projects include:

- Air Vacuum Air Release (AVAR) Valve and Blow-off Structure Rehabilitation & Replacement
- North Portal Access Road Repair
- Lateral 3 Structure Rehabilitation
- North Portal Jet Flow Control Valve

- **Lake Cachuma Intake Tower Screen Cleaning**



**Sheffield Control Station Access Road Repair**  
(Before)



(After)





# CACHUMA OPERATION AND MAINTENANCE BOARD

## BOARD MEMORANDUM

**DATE:** April 24, 2017  
**TO:** Janet Gingras, General Manager  
**FROM:** Tim Robinson, Fisheries Division Manager  
**RE: MONTHLY FISHERIES DIVISION REPORT**

### HIGHLIGHTS:

- USBR is now delivering a minimum of 2 cfs to Hilton Creek at the Lower Release Point by gravity flow through the Hilton Creek Emergency Backup System in support of the *O. mykiss* population.
- The migrant trapping program ended for the year last Friday due to low flows, no observed fish movement, lagoon berm closure and a dry streambed downstream of H Street Bridge in Lompoc. No *O. mykiss* migrants were observed at the Salsipuedes Creek trap and only 5 fish (4 downstream and 1 upstream) observed at the Hilton Creek trap; though redds and young of the year were observed in both streams.

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 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.

**Migrant Trapping:** The 2017 Migrant Trapping Plan was submitted by U.S. Bureau of Reclamation (USBR) to the National Marine Fisheries Service (NMFS) in January with no comments received. This year the Salsipuedes Creek traps were installed on 2/12/17 and the Hilton Creek traps on 2/21/17 with both traps being removed on 4/21/17 due to low stream flow, no observed migrants for some time, the lagoon berm being closed and disconnected flow from the Narrows to the Santa Ynez River lagoon. Results of the trapping program are presented in the Annual Monitoring Report. Since the traps were installed, no migrating *O. mykiss* were observed at the Salsipuedes Creek trap and only 5 *O. mykiss* (4 downstream and 1 upstream) were observed at Hilton Creek. These numbers are extremely low compared to years past and even last year.

**Redd Surveys:** Redd surveys are conducted approximately every two weeks from mid-January through May. Surveys were initiated in February within the LSYR mainstem in the Highway 154, Refugio, and Alisal reaches where access was permitted, and certain sections of Hilton, Quiota, and Salsipuedes/El Jaro creeks. The number of redds is reported in the Annual Monitoring Plan. To date, only three redds have been observed in Hilton Creek and three redds in Salsipuedes Creek. Young of the year have now been observed in both creeks that were associated with those redds.

**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. A project update is provided in a separate Board memo.

**Hilton Creek Releases for the Fishery:** On 3/23/17, USBR switched the flow delivery system to Hilton Creek from the small submersible pump on the south side of the Stilling Basin to gravity flow from the Hilton Creek Emergency Backup System (HCEBS). The flow rate is approximately 2.0 cfs and is being delivered to the Lower Release Point. No flow is being delivered to the Upper Release Point at this time. Water quality conditions in Hilton Creek are being monitored at several locations.

#### **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. Minor repairs were successfully completed at the end of March to fix damages caused by multiple strong winter storm events. The effort returning the project to its design criteria. The final financial report for the project will be provided in a separate COMB Board memo.

**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. COMB was awarded the grant and the project will hopefully be built during the fall of this year pending Board acceptance of the grant during the next Board meeting.

**Quiota Creek Crossing 8:** This project and the required Cooperative Agreement with the County were 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. A draft Professional Service Agreement (PSA) for COMB with the County to manage the project was approved by the Board during the 3/27/17 Board meeting pending final legal counsel approval. Once the PSA has been completed, we will go through the CalTrans process for obtaining a Project Engineer and begin grant expenditures (May 2017), hold a field review meeting with CalTrans (May 2017), and then begin environmental review, permitting, design, flood area certificates, and Right of Way in June 2017. Pending the above, the project would be built in the fall of 2017 or 2018.

**Quiota Creek Crossing 9:** Preliminary design work is underway for this project in preparation for submitting a CDFW-FRGP grant proposal for this round of funding that is due at the beginning of May. The Board approved during the March meeting submitting the grant application with a \$50,000 construction match. The announcement of grant recipients will be in the winter of 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 the identified repairs to the HCWS which will be scheduled at some point. On 3/7/17, USBR did attempt to operate both the HCWS and HCEBS. The HCWS was inoperable requiring repairs that will be attended to as USBR staff become available.

During the week of 4/3/17-4/7/17, USBR re-installed the repaired 30-inch cone valve at the Outlet Works. While doing so, USBR staff further tested the HCWS and was not able to fix the system. As a result, the HCEBS is now providing a minimum of 2 cfs by gravity flow to Hilton Creek.

### **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 was debited to any account from 3/1/17 to 3/23/17 due to extraction from the Stilling Basin below the dam and release to Hilton Creek below the dam. On 3/24/17, USBR initiated gravity flow to Hilton Creek from the HCEBS to meet target flows to Hilton Creek since the storage in Lake Cachuma had increased well beyond critical drought conditions.

**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>		15,085	
<b>Total:</b>	9,184	20,718	3,551
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 3/31/17.			
*** 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 Adaptive Management Committee meetings, Reconsultation, and other operational 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. Staff gave two guest lectures at Ventura Community College regarding natural resource management and GIS technologies.

**Consultant Activity Summary:**

**HDR Fisheries Design Center** (Mike Garelo) – 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:	April 24, 2017
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 July, 2016 to the present (7/1/16 – 4/24/17, 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 2015 Annual Report and 2015 Lakeshore Survey have been completed and distributed to the COMB Board.

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

	July 2016	Aug 2016	Sept 2016	Oct 2016	Nov 2016	Dec 2016	Jan 2017*	Feb 2017*	March 2017*	April 2017*
<b>Year 9 Oaks (2016-2017)</b>								New Trees Gopher Baskets Fert/Comp Deer Cages Mulch/Irrigated	New Trees Gopher Baskets Fert/Comp Deer Cages Mulch/Irrigated	New Trees Gopher Baskets Fert/Comp Deer Cages Mulch/Irrigated
<b>Year 8 Oaks (2015-2016)</b>	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Mulched		Weeded		Weeded
<b>Year 7 Oaks (2014-2015)</b>	Irrigated Weeded Mulched	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded					Weeded Mulched
<b>Year 6 Oaks (2010-2011)</b>										
<b>Year 5 Oaks (2009-2010)</b>		Irrigated Weeded					Cage maint.			
<b>Year 4 Oaks (2008-2009)</b>							Cage maint.			
<b>Year 3 Oaks (2007-2008)</b>					Irrigated	Cage maint.				
<b>Year 2 Oaks (2006-2007)</b>										
<b>Year 1 Oaks (2005-2006)</b>	Irrigated									
* Annual Oak Tree Inventory										

The annual oak tree inventory began in January and is nearly complete. Weeding, mulching, irrigation and cage maintenance is also being completed in between trap checks (day and night). Crews have completed planting new trees (Year 9) at the Lake Cachuma County Park. Approximately 300 new trees have been planted.

**RECOMMENDATION:**

For Board information only.

**LIST OF EXHIBITS:**

N/A



**16-17 ENTITLEMENT**

**CACHUMA OPERATION AND MAINTENANCE BOARD  
WATER PRODUCTION AND WATER USE REPORT  
FOR THE MONTH OF MARCH 2017 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)	595					4,014
Tecolote Tunnel Infiltration	160					477
Cachuma Lake (County Park)	2					9
State Water Diversion	596					3,184
Bishop Ranch Diversion	0					0
Cachuma Diversion	2					1,192
So. Coast Storage gain/(loss)	146					56
<b>Total Production</b>	<b>756</b>					<b>4,501</b>
<b>Total Deliveries</b>	<b>743</b>					<b>4,432</b>
Unaccounted-for	13					68
% Unaccounted-for	1.73%					1.52%
	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRWCD</b>	<b>TOTAL</b>
<b>WATER USE:</b>						
					<b>I.D. #1</b>	
M&I	0	0	0	0	2	2
Agricultural	0	0	0	0	0	0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>
<b>Unaccounted Reconciliation - Cachuma:</b>						
M&I	0	0	0	0	0	0
Agriculture	0	0	0	0	0	0
Unaccounted-for: Cachuma	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Unaccounted-for: SWP Report	0	7	2	4	0	13
<b>Total Unaccounted-for:</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>13</b>
<b>TOTAL USE for Month</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>15</b>
Same Mo/prev. yr	4	148	139	1	1	293
M&I Yr to date	0	1,115	291	0	10	1,416
Ag. Yr to date	0	0	54	0	0	54
<b>TOTAL YTD</b>	<b>0</b>	<b>1,115</b>	<b>345</b>	<b>0</b>	<b>10</b>	<b>1,470</b>
USAGE % YTD	15.3%	100%	100%	0%	60.7%	78.0%
<b>Previous Year/YTD</b>	<b>1,447</b>	<b>1,720</b>	<b>791</b>	<b>299</b>	<b>6</b>	<b>4,263</b>
Evaporation #	4	0	0	0	1	5
Evaporation, YTD	86	124	33	0	5	248
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>475</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>483</b>
Percentage Remaining	85%	0%	0%	0%	39%	22%

\*\*\* 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 March: MWD 226 AF; CVWD 135 AF  
GWD 339 AF (Morehart 1 AF); City of S.B. 226 AF; and LaCumbre 59 AF; (Ratheon 4 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 March 2017.

# 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.



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

MONTH: **March 2017**

**GLEN ANNIE RESERVOIR**

Capacity at 385' elevation:	518	AF
Capacity at sill of intake at 334' elevation:	21	AF
Stage of Reservoir Elevation	335.00	Feet
Water in Storage	26.79	AF

**LAURO RESERVOIR**

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	545.80	Feet
Water in Storage	516.00	AF

**ORTEGA RESERVOIR**

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	446.60	Feet
Water in Storage	18.27	AF

**CARPINTERIA RESERVOIR**

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	376.30	Feet
Water in Storage	26.37	AF

**TOTAL STORAGE IN RESERVOIRS**

	560.63	AF
Change in Storage	145.65	AF

**CACHUMA RESERVOIR\***

Capacity at 750' elevation:	184,121	AF
Capacity at sill of tunnel 660' elevation:	24,281	AF
Stage of Reservoir Elevation	714.30	Feet
Water in Storage	97,301	AF
Surface Area	1,936	
Evaporation	776.0	AF
Inflow	8,357.5	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	63.0	AF
Outlet	0.0	AF
<b>Spill/Seismic Release</b>	0	AF
State Water Project Water	1018.9	AF
Change in Storage	8,074	AF
Tecolote Diversion	594.8	AF

Rainfall:	Month:	0.83	Season:	24.51	Percent of Normal:	135%
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**SUMMARY: UNACCOUNTED-FOR WATER ALLOCATIONS  
March 2017**

	<b>Lauro &amp; Cater Loss (LE + CTPL)</b>	<b>Ortega Toe Drain (OTD)</b>	<b>Use Area 1</b>	<b>Use Area 2</b>	<b>Use Area 3</b>	<b>Use Area 4</b>	<b>Total (AF)</b>	<b>Rounded Total (AF)</b>
<b>GWD</b>	0.0	0.0	0.1	0.0	0.0	0.0	0.2	<b>0</b>
<b>City</b>	3.1	0.0	0.4	3.3	0.0	0.0	6.8	<b>7</b>
<b>MWD</b>	0.4	0.5	0.0	0.4	0.1	0.5	2.0	<b>2</b>
<b>CVWD</b>	0.9	0.5	0.1	1.0	0.3	1.2	4.0	<b>4</b>
<b>Total</b>	4.5	1.0	0.7	4.8	0.4	1.6	13.0	<b>13</b>

**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. 3/31/17

Month	Approved Schedule Current Year	Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES					WATER USED CHARGED TO CURRENT ENTITLEMENT		
			Acre-feet			Acre-feet			Allocation		Acre-feet		
			M & I	Agr	Total	Evap	Div	Total	M & I	Agr	M & I	Agr	Total
Oct	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov			0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0

STORAGE WATER		CURRENT SCHEDULE		Month
M & I	Agr	M & I	Agr	
0	0	0	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
				Apr
				May
				Jun
				Jul
				Aug
				Sep

SCHEDULE AND REVISIONS				SCHEDULE AND REVISIONS			
Total	M&I	AG		M&I	AG	Total	
Begin Bal	0	0	0	0	0	0	0

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

**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 Acre-feet			WATER USED CHARGED TO CARRYOVER BALANCES Acre-feet					WATER USED CHARGED TO CURRENT ENTITLEMENT Acre-feet		
			M & I	Agr	Total	Evap	Div	Total	Allocation		M & I	Agr	Total
									M & I	Agr			
Oct	0	561	0	0	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	9	0	9	0	9	0	0	0
Jan			0	0	0	2	0	2	0	2	0	0	0
Feb			0	0	0	5	0	5	0	5	0	0	0
Mar			0	0	0	4	0	4	0	5	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							
<b>Total</b>	<b>0</b>	<b>561</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86</b>							

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

SCHEDULES AND REVISIONS						
	Total	M&I	AG	M&I	AG	Total
Begin Bal	561	412	149	0	0	0
Oct						0
Nov						0
Dec						0
Jan						0
Feb						0
Mar						0
Apr						0
May						0
Jun						0
Jul						0
Aug						0
Sep						0

REMAINING BALANCES						
Month	Total	M&I	AG	M&I	AG	Total
Oct	524	412	112	0	0	0
Nov	495	412	83	0	0	0
Dec	486	412	74	0	0	0
Jan	484	412	72	0	0	0
Feb	479	412	67	0	0	0
Mar	475	412	62	0	0	0
Apr						
May						
Jun						
Jul						
Aug						
Sep						

TOTAL 475

**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. 3/31/17

Month	Approved Schedule Current Year	Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT				
			Acre-feet			Acre-feet			Acre-feet				
			M & I	Agr	total	Evap	Div	Total	Allocation		M & I	Agr	Total
Oct	0	377	176	36	212	25	212	237	197	40	0	0	0
Nov			115	18	132	8	132	140	121	19	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					
May			0	0	0	0	0	0					
Jun			0	0	0	0	0	0					
Jul			0	0	0	0	0	0					
Aug			0	0	0	0	0	0					
Sep			0	0	0	0	0	0					
<b>Total</b>	<b>0</b>	<b>377</b>	<b>291</b>	<b>54</b>	<b>344</b>	<b>33</b>							

CONVERSIONS						SCHEDULE AND REVISIONS					
STORAGE WATER		CURRENT SCHEDULE		Month		Total	M & I	Agr	M & I	Agr	Total
M & I	Agr	M & I	Agr	Month	Begin Bal	377	377	0	0	0	0
-40	40	0	0	Oct							0
0	0	0	0	Nov							0
0	0	0	0	Dec							0
0	0	0	0	Jan							0
0	0	0	0	Feb							0
0	0	0	0	Mar							0
0	0	0	0	Apr							0
				May							0
				Jun							0
				Jul							0
				Aug							0
				Sep							0

REMAINING BALANCES						
Month	Total	M & I	Agr	M & I	Agr	Total
Oct	140	121	19	0	0	0
Nov	0	0	0	0	0	0
Dec	0	0	0	0	0	0
Jan	0	0	0	0	0	0
Feb	0	0	0	0	0	0
Mar	0	0	0	0	0	0
Apr						
May						
Jun						
Jul						
Aug						
Sep						

**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. 3/31/17

Month	Approved Schedule Current Year	Carryover Previous Year	TOTAL WATER USED			WATER USE CHARGED TO CARRYOVER BALANCES					WATER USE CHARGED TO CURRENT ENTITLEMENT		
			Acre-feet			Acre-feet			Allocation		Acre-feet		
			M & I	Agr	total	Evap	Div	Total	M & I	Agr	M & I	Agr	Total
Oct	0	1239	474	0	474	81	474	555	555	0	0	0	0
Nov			393	0	393	38	393	431	431	0	0	0	0
Dec			243	0	243	5	243	248	248	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
<b>Total</b>	<b>0</b>	<b>1239</b>	<b>1,110</b>	<b>0</b>	<b>1,110</b>	<b>124</b>							

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

SCHEDULE AND REVISIONS						
	Total	M&I	-----	M&I	-----	Total
Begin Bal	1,239	1,239		0		0
Oct						0
Nov						0
Dec						0
Jan						0
Feb						0
Mar						0
Apr						0
May						0
Jun						0
Jul						0
Aug						0
Sep						0

REMAINING BALANCES						
Month	Total	M&I	-----	M&I	-----	Total
Oct	684	684	0	0		0
Nov	253	253	0	0		0
Dec	0	0	0	0		0
Jan	0	0	0	0		0
Feb	0	0	0	0		0
Mar	0	0	0	0		0
Apr						
May						
Jun						
Jul						
Aug						
Sep						

TOTAL 0

**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. 3/31/17

Month	Approved Schedule		TOTAL WATER USED Acre-feet	WATER USE CHARGED TO CARRYOVER BALANCES Acre-feet					WATER USE CHARGED TO CURRENT ENTITLEMENT Acre-feet			
	Current Year	Previous Year		Evap	Div	Total	M & I	Agr	M & I	Agr	Total	
												M & I
Oct	0	24	2	0	2	2	3	3	0	0	0	0
Nov			2	0	2	1	3	3	0	0	0	0
Dec			3	0	3	1	4	4	0	0	0	0
Jan			1	0	1	1	2	2	0	0	0	0
Feb			1	0	1	1	2	2	0	0	0	0
Mar			2	0	2	1	3	3	0	0	0	0
Apr			0	0	0	0	0	0	0	0	0	0
May			0	0	0	0	0	0	0	0	0	0
Jun			0	0	0	0	0	0	0	0	0	0
Jul			0	0	0	0	0	0	0	0	0	0
Aug			0	0	0	0	0	0	0	0	0	0
Sep			0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>24</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>7</b>						

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

SCHEDULE AND REVISIONS						
	Total	M & I	Agr	M & I	Agr	Total
Begin Bal	24	24	0	0	0	0
Oct						0
Nov						0
Dec						0
Jan						0
Feb						0
Mar						0
Apr						0
May						0
Jun						0
Jul						0
Aug						0
Sep						0

COUNTY PARKS							
Month	A.F. Used	Total	M & I	Agr	M & I	Agr	Total
Oct	1.72	21	21	0	0	0	0
Nov	1.72	18	18	0	0	0	0
Dec	2.60	14	14	0	0	0	0
Jan	0.93	12	12	0	0	0	0
Feb	0.90	10	10	0	0	0	0
Mar	1.56	8	7	0	0	0	0
Apr							
May							
Jun							
Jul							
Aug							
Sep							

TOTAL 8

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

Contract Entity: **Santa Barbara Co. Water Agency**  
 Last updated by **C.O.M.B. 3/31/17**

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

Month	Approved Schedule Current Year	Carryover Previous Year	TOTAL WATER USED				WATER USED CHARGED TO CARRYOVER BALANCES					WATER USED CHARGED TO CURRENT ENTITLEMENT		
			Acre-feet				Acre-feet			Allocation		Acre-feet		
			Used %	M & I	Agr	Total	Evap	Div	Total	M & I	Agr	M & I	Agr	Total
Oct	0	2201	37.8%	652	36	688	145	688	832	755	77	0	0	0
Nov			65.2%	509	18	527	76	527	603	555	48	0	0	0
Dec			11.84%	246	0	246	15	246	261	252	9	0	0	0
Jan			0.18%	1	0	1	3	1	4	2	2	0	0	0
Feb			0.32%	1	0	1	6	1	7	2	5	0	0	0
Mar			0.30%	2	0	2	5	2	7	3	5	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>2201</b>		<b>1,410</b>	<b>54</b>	<b>1,464</b>	<b>249</b>							

**CONVERSIONS**

STORAGE WATER		CURRENT SCHEDULE		Month
M & I	Agr	M & I	Agr	
-40	40	0	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
				Apr
				May
				Jun
				Jul
				Aug
				Sep

**SCHEDULE AND REVISIONS**

	Total	M & I	Agr	M & I	Agr	Total
Begin Bal	2,201	2,052	149	0	0	0

**COUNTY PARKS**

**REMAINING BALANCES**

Month	A.F. Used	Total	M & I	Agr	M & I	Agr	Total
Oct	1.72	1,369	1,257	112	0	0	0
Nov	1.72	766	683	83	0	0	0
Dec	2.60	500	426	74	0	0	0
Jan	0.93	496	424	72	0	0	0
Feb	0.90	489	422	67	0	0	0
Mar	1.56	483	419	62	0	0	0
Apr							
May							
Jun							
Jul							
Aug							
Sep							

**TOTAL** 483



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

MONTH	DELVRD TO LAKE	Delvd to Lake	CVWD Stored	Delvd to SC	Loss	Evap / Spill	Delvd to Lake	MWD Stored	Delvd to SC	Loss	Evap / Spill	Delvd to Lake	S.B. Stored	Delvd to SC	Loss	Evap / Spill	Delvd to Lake	GWD Stored	Delvd to SC	Loss	Evap / Spill	Delvd to Lake	LCMWC Stored	Delvd to SC	Evap / Spill	Delvd to Lake	RSYS Stored	Delvd to SC	Delvd to Lake	MLC Stored	Delvd to SC
<b>2016</b>																															
Bal. Frwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	0	0	0	0	0	0	0	0
January	653	54	38	16	0	0	0	0	0	0	0	367	0	367	0	0	0	200	136	64	0	0	160	10	0	0	0	0	2	0	2
February	693	0	36	0	0	2	125	0	125	0	0	366	0	366	0	0	0	200	130	197	0	8	153	6	1	0	0	0	2	0	2
March	965	0	33	0	0	3	0	0	0	0	0	367	0	367	0	0	596	523	192	1	10	138	14	0	0	0	0	2	0	2	
April	1283	0	0	29	0	4	0	0	0	0	0	677	178	476	24	0	600	696	357	5	65	87	49	2	3	0	3	3	0	3	
May	1309	0	0	0	0	0	0	0	0	0	0	522	155	492	24	28	783	958	405	5	111	35	44	8	1	0	1	3	0	3	
June	1261	0	0	0	0	0	0	0	0	0	0	466	112	463	26	20	700	982	551	4	121	85	0	85	0	5	0	5	5	0	5
July	1342	100	0	100	0	0	0	0	0	0	0	541	75	534	28	17	600	923	513	5	141	91	52	39	0	3	0	3	7	0	7
August	1372	135	135	0	0	0	0	0	0	0	0	549	615	0	0	9	600	869	541	4	109	80	51	75	6	3	0	3	5	0	5
September	1310	225	246	96	4	14	250	0	240	10	0	311	1035	0	0	62	460	517	552	2	87	60	55	51	5	0	0	0	4	0	4
October	1400	180	291	112	7	16	350	268	77	5	0	321	1289	0	0	68	511	438	554	2	34	35	70	17	3	0	0	0	3	0	3
November	1369	150	401	24	0	16	328	533	48	0	15	352	1598	0	0	71	490	529	347	0	24	45	60	53	3	2	0	2	2	0	2
December	1470	111	504	0	1	7	403	809	112	5	10	603	2098	84	2	28	338	747	99	1	10	0	0	21	1	12	11	1.42	3	1	2
<b>Total</b>	<b>14427</b>	<b>955</b>	<b>504</b>	<b>377</b>	<b>4</b>	<b>62</b>	<b>1456</b>	<b>809</b>	<b>602</b>	<b>20</b>	<b>25</b>	<b>5442</b>	<b>2098</b>	<b>3148</b>	<b>104</b>	<b>302</b>	<b>6078</b>	<b>747</b>	<b>4374</b>	<b>29</b>	<b>719</b>	<b>426</b>	<b>0</b>	<b>465</b>	<b>28</b>	<b>29</b>	<b>11</b>	<b>18.42</b>	<b>41</b>	<b>1</b>	<b>40</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)

December 2016 - GWD transferred 10.12 AF SWP water to City of SB per overlap agreement (monthly reconciliation)

MONTH	DELVRD TO LAKE	Delvd to Lake	CVWD Stored	Delvd to SC	Loss	Evap / Spill	Delvd to Lake	MWD Stored	Delvd to SC	Loss	Evap / Spill	Delvd to Lake	S.B. Stored	Delvd to SC	Loss	Evap / Spill	Delvd to Lake	GWD Stored	Delvd to SC	Loss	Evap / Spill	Delvd to Lake	LCMWC Stored	Delvd to SC	Evap / Spill	Delvd to Lake	RSYS Stored	Delvd to SC	Delvd to Lake	MLC Stored	Delvd to SC
<b>2017</b>																															
Bal. Frwd	0	0	504	0	0	0	0	809	0	0	0	0	2098	0	0	0	0	747	0	0	0	0	0	0	0	0	11	0	0	1	0
January	1437	219	720	0	1	2	357	1102	58	3	3	357	2179	273	4	8	467	1144	58	0	3	35	23	10	2	0	11	0	2	1	2
February	1250	196	809	96	4	7	296	1361	25	2	10	296	2252	197	5	21	445	1528	50	0	11	15	7	29	2	0	11	0	2	1	2
March	990	135	753	180	4	7	226	1497	76	2	12	226	2340	112	7	20	339	1664	190	0	13	59	33	34	0	4	11	4	1	1	
April	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	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	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	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3677</b>	<b>550</b>	<b>753</b>	<b>276</b>	<b>0</b>	<b>16</b>	<b>879</b>	<b>1497</b>	<b>159</b>	<b>0</b>	<b>25</b>	<b>879</b>	<b>2340</b>	<b>582</b>	<b>0</b>	<b>49</b>	<b>1251</b>	<b>1664</b>	<b>298</b>	<b>0</b>	<b>27</b>	<b>109</b>	<b>33</b>	<b>72</b>	<b>4</b>	<b>4</b>	<b>11</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>5</b>

**Notes:**

Total SC Storage at month end (AF): 6253

Total Storage at month end (AF): 6297

January 2017 - GWD transferred 10.18 AF SWP water to City of SB per overlap agreement (monthly reconciliation)(USBR Daily Ops Reservoir storage 1/31/2017 - 24,867 AF)





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



**Summary of Aquatic Invasive Species Vessel Inspection Program  
and Early Detection Monitoring Program: **March 2017****

<b>Cachuma Lake Recreation Area Launch Data -- March 2017</b>		
<b>Inspection Data</b>		
Total Vessels entering Park	174	
Total Vessels launched	118	
Total Vessels Quarantined	56	32%
Returning with Boat Launch Tag	73	62%
New: Removed from Quarantine	*	
Kayak/Canoe: Inspected, launched	45	38%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
<b>Quarantine Data</b>		
Total Vessels Quarantined	56	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	56	
<b>Quarantine Cause</b>		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	11	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	56	
<b>Demographic Data</b>		
Quarantined from infected county	11	
Quarantined from SB County	39	
Quarantined from uninfected co	6	

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: 2017.03.29; 2:30 – 3:30 PDT  
 Method: 5 PVC/Cement Sampling Stations; 54 linear feet of line  
 Surveyors: John Viggianelli and Kristin Loft  
 Lake elevation: Max feet: 753.00, current: 714.12; Max acre-feet: 193,305, current: 96,953;  
 Current capacity: 50.20%