

**REGULAR MEETING  
OF  
CACHUMA OPERATION AND MAINTENANCE BOARD**  
*held at*  
**3301 Laurel Canyon Road  
Santa Barbara, CA 93105**

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**Monday, July 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 June 26, 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:
  - Administrative Committee Meeting – July 19, 2017
- 5. BOARD COMMITTEE APPOINTMENTS FOR FISCAL YEAR 2017-18**  
Action: Recommend the President of the Board make Committee appointments for FY 2017-18
  1. Administrative Committee
  2. Operations Committee
  3. Fisheries Committee
  4. Lake Cachuma Oak Tree Committee
  5. Public Outreach Committee
- 6. PROPOSED ANNUAL RESOLUTIONS**  
Action: Recommend approval by motion and roll call vote on one motion unless member requests separate consideration
  - a. Resolution No. 634 Adopting Annual Statement of Investment Policy
  - b. Resolution No. 635 Authorizing Investment of Monies in the Local Agency Investment Fund
  - c. Resolution No. 636 Establishing a Supplemental Account Agreement for Telephone Transfers

- d. Resolution No. 637 Establishing a Check Signing Policy for General Fund Account Payment of Claims
  - e. Resolution No. 638 Authorizing Signatories for General Fund Account at American Riviera Bank
  - f. Resolution No. 639 Authorizing Signatories for Revolving Fund Account at American Riviera Bank
  - g. Resolution No. 640 Establishing a Check Signing Policy for Cachuma Project Trust Fund and Master Contract Renewal Fund Accounts for Payment of Claims
  - h. Resolution No. 641 Authorizing Signatories for Trust Fund and Renewal Fund Accounts at American Riviera Bank
  - i. Resolution No. 642 Establishing a Time and Place for Board Meetings
7. **RESOLUTION No. 643 - AUTHORIZING A LETTER OF INTEREST BE SENT TO THE UNITED STATES BUREAU OF RECLAMATION FOR RENEWAL OF THE TRANSFER OF OPERATION AND MAINTENANCE OF THE CACHUMA TRANSFERRED PROJECT WORKS – CACHUMA PROJECT, CALIFORNIA**  
Action: Recommend approval by motion and roll call vote of the Board
8. **SELECTION OF BARTLETT, PRINGLE, WOLF LLP TO PERFORM FISCAL YEAR 2016-17 COMB FINANCIAL AUDIT**  
Action: Recommend approval by motion and roll call vote of the Board
9. **ORDINANCE NO. 3 - DIRECTOR COMPENSATION**  
Action: Recommend approval of Ordinance No. 3 by motion and roll call vote of the Board
10. **RATIFICATION OF HDR ENGINEERING INC. PROFESSIONAL SERVICES AGREEMENT FOR FISHERIES DIVISION CONSULTANT SERVICES - FISCAL YEAR 2017-18**  
Action: Recommend approval by motion and roll call vote of the Board
11. **GENERAL MANAGER REPORT**  
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
- Whittier Fire Update
  - Meetings
  - Personnel
  - Administration
  - Operations Division Activities
  - Fisheries Division Activities
12. **OPERATIONS DIVISION REPORT**  
Receive information regarding Operations Division, including but not limited to the following:
- Lake Cachuma Operations
  - Operation and Maintenance Activities
13. **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

14. **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
15. **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
16. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**
17. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING AND POTENTIAL LITIGATION**
  - a. [Government Code Section 54956.9(d)(4)]  
Name of matter: Protest of Member Agency re: Payment of Quarterly Assessments
18. **RECONVENE INTO OPEN SESSION**  
[Government Code Section 54957.7]  
Disclosure of actions taken in closed session, as applicable  
[Government Code Section 54957.1]
  - a. Protest of Member Agency re: Payment of Quarterly Assessments
19. **MEETING SCHEDULE**
  - **August 28, 2017 at 2:00 P.M., COMB Office**
  - **Board Packages Available on COMB Website**  
[www.cachuma-board.org](http://www.cachuma-board.org)
20. **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, June 26, 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:

**Directors Present:**

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

**Staff Present:**

Janet Gingras, General Manager	William Carter, General Counsel
Edward Lyons, Administrative Manager/CFO III/Bookkeeper	Adriane Passani, Admin Asst
Tim Robinson, Fisheries Division Manager	Joanne Vittone, Admin Asst II
David Flora, Water Service III Lead	

**Others Present:**

Philip Walker, Santa Barbara resident	Fray Crease, SB County Water Agency
Bob McDonald, Carpinteria Valley Water District	Kelley Dyer, City of SB Public Works

**2. Public Comment**

Mr. Walker made comments regarding Director Walsh's public financials disclosure statement, Form 700. Mr. Walker also noted the recent Grand Jury report, and possible forthcoming Dam inspections performed by the California DWR in response to the recent event at the Orville Dam.

**3. Consent Agenda**

**a. Minutes**

May 22, 2017 Regular Board Meeting

**b. Investment of Funds**

- Financial Reports
- Investment Reports

**c. Review of Paid Claims**

Ms. Gingras presented the Consent Agenda as provided in the Board packet and fielded questions from the Board. Director Holcombe moved to approve the consent agenda with no changes, seconded by Director Hanson the motion passed by 6/0/1 vote:

**Ayes:** White, Holcomb, Hanson, Morgan

**Nayes:**

**Absent/Abstain:** Walsh

**4. Verbal Reports from Board Committees**

- Operations Committee Meeting – June 14, 2017
- Administrative Committee Meeting – June 14, 2017
- Fisheries Committee Meeting – June 15, 2017
- ***Operations Committee Meeting – June 14, 2017:*** Ms. Gingras and Director White highlighted the Committee’s discussion, relaying the items will be further discussed in today’s agenda. Director Holcomb requested that the projects listed under Item 3, referred to as “A through E”, be called out accordingly when discussed.
- ***Administrative Committee Meeting – June 14, 2017:*** Director Morgan summarized the Committee’s agenda, noting both Item #3 and #4 will be discussed separately on today’s agenda.
- ***Fisheries Committee Meeting – June 15, 2017:*** Director Holcombe reported on the items of the Committee’s agenda, and commented on the large amount of time spent on the SOW’s, particularly the sole source procedures followed by COMB, for transparency.

Mr. Robinson provided an update on the Quiota Creek Crossings and the ongoing communications with land owners. Mr. Robinson also provided a status update of the Annual Monitoring Reports (AMR), stating that AMR’s 2013 report is complete and has been posted on our website. The 2014 AMR is out for review and comments by the Science Review Team. Director Morgan made comment that the delivery of the reports to the Bureau should be timelier. Mr. Robinson responded that the Bureau recognizes the difficulty of getting a report out in a timelier manner from the review committee. Mr. Robinson also noted that he realizes that this timeline is a sensitive matter, and is working to streamline the procedures.

Director White requested clarification from Mr. Robinson regarding our involvement with the Central Coast Salmon Enhancement - Tri-County Fish Team. Mr. Robinson responded that the group was designed to bring the three counties together as an advocate for salmon restoration and monitoring. He mentioned that the group provides group meetings, workshops, and community involvement.

**5. Proposed COMB Board Governance Policy**

Ms. Gingras presented the final draft of the Board Governance Policy as provided in the Board packet, which incorporated the requested edits provided by the Board from the April 24, 2017 Regular Board meeting. Ms. Gingras fielded comments from the Board. After further discussion, Director Holcombe moved to approve the policy pursuant to the additional edits communicated. Second by Director White, the motion passed by 6/0/1 vote as follows:

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

**Nayes:**

**Absent/Abstain:** Walsh

6. **Fiscal Year 2017-18 Elections and Appointments of Cachuma Operation & Maintenance Board.**

a. Election of President

President Morgan relayed to the Board that he is willing to serve for the upcoming Fiscal Year and is accepting nominations. The following nominations were made: Director Holcombe nominated President Morgan to continue as Board President. Nominations closed, Director Hanson seconded Director Holcombe's nomination, and President Morgan was re-elected Board President, the motion passed by 6/0/1 vote as follows.

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

**Nayes:**

**Absent/Abstain:** Walsh

b. Election of Vice-President

Director Holcombe nominated Director White for continued service as Board Vice-President. Nominations closed. The motion passed by 6/0/1 vote as follows:

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

**Nayes:**

**Absent/Abstain:** Walsh

c. Appointment of ACWA/JPIA Representative and Alternate

d. Appointment of General Counsel

e. Appointment of Secretary of the Board

f. Appointment of Treasurer and Auditor-Controller

Director White moved to re-appoint Director Morgan and Ms. Gingras as the ACWA/JPIA Representative and Alternate for the new Fiscal Year term. Director White also included in his motion the re-appointment of General Counsel, and the Secretary of the Board, to those that held the position in Fiscal Year 2016-17, as presented in the Board packet. Mr. White continued his motion to appoint Mr. Lyons as Treasurer and Auditor-Controller for the new Fiscal Year term. Seconded by Director Morgan, the motion passed by 6/0/1 vote as follows:

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

**Nayes:**

**Absent/Abstain:** Walsh

**7. Director Compensation**

Ms. Gingras presented Draft Ordinance No. 3 to the Board, as incorporated in the board packet. Ms. Gingras informed the Board that once invoked, two public notices are required to be published within a 14 day period prior to the Board deliberating. Ms. Gingras also noted that per the California Water Code, the maximum increase may not exceed an amount equal to 5%, for each calendar year. Because there has not been an increase in the last 13 years; the maximum increase allowed is 65%.

Director White moved to approve the publication process for public hearing on this topic. Seconded by Director Hanson, the motion passed by 6/0/1 vote as follows:

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

**Nayes:**

**Absent/Abstain:** Walsh

**8. Cachuma Project Trust Fund / Renewal Fund Meeting and Santa Barbara County's Public Meeting on Cachuma Project Betterment Fund, May 16, 2017**

Ms. Gingras presented a recap of the annual Cachuma Project Trust Fund and Betterment Fund meeting to the Board for review, as incorporated in the Board Packet. Director Morgan requested clarification on the inclusion of Crossing 9 in the Quiota Creek Fish Passage Project expenditures. Ms. Gingras stated that COMB had budgeted design funds, in the amount of \$30,000, for Crossing 9. Mr. Robinson added that a grant was submitted through Board directives in May, 2017.

Director Holcombe moved to approve the Committee's recommendation. Seconded by Director Hanson, the motion passed by 6/0/1 vote as follows:

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

**Nayes:**

**Absent/Abstain:** Walsh

**9. Scopes of Work for Fisheries Division Consultants for Fiscal Year 2017-18**

Mr. Robinson presented the Scopes of Work for Fisheries Division Consultants for Fiscal Year 2017-18. This was previously brought before the Fisheries Committee at the June 16, 2017 meeting. Most of the costs affiliated with the scopes of work fall below the threshold in the procurement policy for General Manger approval authority.

Following a lengthy discussion, Director Hanson motioned to receive scopes of work for identified consultants, authorize execution of the corresponding professional services agreements by motion and roll call vote of the Board, and bring the HDR Engineering Consultant PSA back for Board ratification in July; Seconded by Director White, the motion passed by 6/0/1 vote as follows:

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

**Nayes:**

**Absent/Abstain:** Walsh

**10. Resolution No. 633 – Approving Expenditures for the Construction of the Fish Passage Improvement at Quiota Creek Crossing Number 5**

Ms. Gingras presented Resolutions No. 633 – Approving Expenditures for the Construction of the Fish Passage Improvement at Quiota Creek Crossing Number 5. The proposed Resolution calls for the project to provide improved access to the perennial reaches of Quiota Creek and restore habitat to enhance conditions for Steelhead.

Director White moved to approve Resolution No 633. Seconded by Director Holcombe, the motion passed by 6/0/1 vote as follows:

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

**Nayes:**

**Absent/Abstain:** Walsh

**11. General Manager Report**

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

Ms. Gingras presented topics within her report and fielded questions from the Board. She highlighted the meeting that took place in early June between the Member Agencies and Reclamation, to discuss the process of the Master Contract Renewal process. It was suggested to the Bureau of Reclamation that they align the renewal process with the Master Contract so that it is somewhat in sync with the O & M Contract. Ms. Gingras noted that she has received a preliminary draft schedule and will be conducting a meeting with the General Managers and staff. The first action item the Board will see is a Letter of Interest on renewing the O & M contract and Reclamation suggested that a corresponding resolution be passed by the Board in the July Meeting.

Ms. Gingras also commented on the Grand Jury Report, and noted that the responses will be brought forth through the Administration Committee prior to the Board within the 90 day deadline period.

**12. Operations Division Report**

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. Dave Flora presented on behalf of Dave Stewart. Mr. Flora reported that the Operations Crew has starting structure maintenance on the North Reach and will be conducting maintenance on 4 to5 structures per day. Mr. Flora highlighted the large number of underground service alerts within the easement, and fielded questions from the Board.

**13. Fisheries Division Report**

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



Mr. Robinson provided highlights from his report as presented in the Board Packet. Mr. Robinson noted the summertime monitoring is in full swing and the Tributary Projects are in the permitting stage. Mr. Robinson fielded questions from the Board.

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

- Maintenance and Monitoring

Mr. Robinson updated the Board on the progress of the Oak Tree Program, noting that all the trees that were planted are doing great. Mr. Robinson noted that the annual report will be reviewed at the next Committee meeting.

**15. Water Systems Optimization, Inc. Presentation on Mass Balances and System Meter Evaluation Report**

Ms. Gingras summarized the report, as presented in Board packet. Ms. Gingras noted the proposal by Water Systems Optimization, Inc., (WSO) for a metering analysis and evaluation report, which was conducted and included in the Board packet. Ms. Gingras introduced Mr. Reinhard Sturm and Mr. Kris Williams with WSO to the Board, who then presented the results of the Mass Balance evaluation in a summary presentation, and fielded questions from the Board and the public.

**16. Monthly Cachuma Project Reports**

- a. Cachuma Water Reports
- b. Cachuma Reservoir Current Conditions
- c. Lake Cachuma Quagga Survey

Ms. Gingras reviewed the monthly water reports as included in the Board packet, and requested to field any questions from the Board.

**17. Directors' Request for Agenda Items for Future Meeting**

No requests for additional Agenda items for July 24<sup>th</sup> meeting.

**18. [CLOSED SESSION]: Conference with Legal Counsel: Potential Litigation**

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

**19. [CLOSED SESSION]: Conference with Labor Negotiations**

Agency designated representatives: Board President  
Unrepresented Employee: General Manager

**20. RECONVENE INTO OPEN SESSION**

[Government Code Section 54957.7]  
Disclosure of actions taken in closed session, as applicable  
[Government Code Section 54957.1]

Item 18: There were no reportable actions.

Item 19: Board gave direction to the President regarding General Manager Compensation

21. **Modification of General Manager's Compensation**

The Board voted to approve a three percent salary increase for the General Manager; Motion approved and seconded - passed with a 4/0/3 vote as follows:

**Ayes:** Holcombe, Hanson, Morgan

**Nayes:**

**Absent/Abstain:** Walsh, White

22. **Meeting Schedule**

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

23. **COMB Adjournment**

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

As of June 30, 2017  
UNAUDITED FINANCIALS

**ASSETS**

**Current Assets**

**Checking/Savings**

**TRUST FUNDS**

1210 · WARREN ACT TRUST FUND

815,674.52

1220 · RENEWAL FUND

10,215.61

**Total TRUST FUNDS**

825,890.13

1050 · GENERAL FUND

2,620,833.04

1100 · REVOLVING FUND

29,743.33

**Total Checking/Savings**

3,476,466.50

**Accounts Receivable**

1325 · Bank Loan Receivable - EPFP

115,862.54

**Total Accounts Receivable**

115,862.54

**Other Current Assets**

1010 · PETTY CASH

500.00

1200 · LAIF

817,183.44

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**

1,055,821.16

**Total Current Assets**

4,648,150.20

**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**

**10,982,878.57**

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

As of June 30, 2017  
UNAUDITED FINANCIALS

**LIABILITIES & NET ASSETS**

**Liabilities**

**Current Liabilities**

**Accounts Payable**

2200 · ACCOUNTS PAYABLE

102,550.39

**Total Accounts Payable**

102,550.39

**Other Current Liabilities**

ACCRUED BENEFITS PAYABLE

1,595.50

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

825,890.13

**Total Other Current Liabilities**

1,764,705.63

**Total Current Liabilities**

1,867,256.02

**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

1,299,205.43

2610 · Net Pension Liability (GASB 68)

1,160,030.00

2611 · Deferred Inflows of Resources (GASB 68)

224,052.00

**Total Long Term Liabilities**

9,571,433.50

**Total Liabilities**

11,438,689.52

**NET POSITION**

3000 · Opening Bal Equity

-1,357,356.05

3901 · Retained Net Assets

-631,271.21

Net Income

1,532,816.31

**Total Net Assets**

-455,810.95

**TOTAL LIABILITIES & NET POSITION**

10,982,878.57

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

	Fisheries				Operations				TOTAL			
	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Jun 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	291,178.00	238,306.00	52,872.00	122.19%	0.00				291,178.00	238,306.00	52,872.00	122.19%
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 - EPFP	0.00				920,675.57				920,675.57	0.00	920,675.57	100.0%
3010 · Interest Income	0.00				7,072.09				7,072.09	0.00	7,072.09	100.0%
3015 · Watershed Sanitary Survey	0.00				7,258.99				7,258.99	0.00	7,258.99	100.0%
3020 · Misc Income	10,480.06				5,351.33				15,831.39	0.00	15,831.39	100.0%
3033 · Grant-QC Crossing # 0 (a&b)	604,637.61	671,635.00	-66,997.39	90.03%	0.00				604,637.61	671,635.00	-66,997.39	90.03%
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	90,000.00	90,000.00	0.00	100.0%	0.00				90,000.00	90,000.00	0.00	100.0%
3036 · Landowner Match-QC Crossing 0a	50,000.00				0.00				50,000.00	0.00	50,000.00	100.0%
3037 · Grant-QC Crossing #5	0.00	0.00	0.00	0.0%	0.00				0.00	0.00	0.00	0.0%
<b>Total 3000 REVENUE</b>	<b>3,097,030.62</b>	<b>3,297,012.00</b>	<b>-199,981.38</b>	<b>93.93%</b>	<b>4,858,462.01</b>	<b>4,417,789.00</b>	<b>440,673.01</b>	<b>109.98%</b>	<b>7,955,492.63</b>	<b>7,714,801.00</b>	<b>240,691.63</b>	<b>103.12%</b>
<b>Total Income</b>	<b>3,097,030.62</b>	<b>3,297,012.00</b>	<b>-199,981.38</b>	<b>93.93%</b>	<b>4,858,462.01</b>	<b>4,417,789.00</b>	<b>440,673.01</b>	<b>109.98%</b>	<b>7,955,492.63</b>	<b>7,714,801.00</b>	<b>240,691.63</b>	<b>103.12%</b>
<b>Gross Profit</b>	<b>3,097,030.62</b>	<b>3,297,012.00</b>	<b>-199,981.38</b>	<b>93.93%</b>	<b>4,858,462.01</b>	<b>4,417,789.00</b>	<b>440,673.01</b>	<b>109.98%</b>	<b>7,955,492.63</b>	<b>7,714,801.00</b>	<b>240,691.63</b>	<b>103.12%</b>
<b>Expense</b>												
3100 · LABOR - OPERATIONS	0.00				645,553.54	812,375.00	-166,821.46	79.47%	645,553.54	812,375.00	-166,821.46	79.47%
<b>3200 VEH &amp; EQUIPMENT</b>												
3201 · Vehicle/Equip Mtce	0.00				43,971.39	30,000.00	13,971.39	146.57%	43,971.39	30,000.00	13,971.39	146.57%
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				2,146.73	5,000.00	-2,853.27	42.94%	2,146.73	5,000.00	-2,853.27	42.94%
3204 · Miscellaneous	0.00				3,784.50	5,000.00	-1,215.50	75.69%	3,784.50	5,000.00	-1,215.50	75.69%
<b>Total 3200 VEH &amp; EQUIPMENT</b>	<b>0.00</b>				<b>52,951.36</b>	<b>55,000.00</b>	<b>-2,048.64</b>	<b>96.28%</b>	<b>52,951.36</b>	<b>55,000.00</b>	<b>-2,048.64</b>	<b>96.28%</b>
<b>3300 · CONTRACT LABOR</b>												
3301 · Conduit, Meter, Valve & Misc	0.00				29,472.48	20,000.00	9,472.48	147.36%	29,472.48	20,000.00	9,472.48	147.36%
3302 · Buildings & Roads	0.00				26,737.20	27,257.00	-519.80	98.09%	26,737.20	27,257.00	-519.80	98.09%
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				47,326.57	87,983.00	-40,656.43	53.79%	47,326.57	87,983.00	-40,656.43	53.79%
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				35,531.57	25,000.00	10,531.57	142.13%	35,531.57	25,000.00	10,531.57	142.13%
<b>Total 3300 · CONTRACT LABOR</b>	<b>0.00</b>				<b>139,067.82</b>	<b>95,000.00</b>	<b>44,067.82</b>	<b>146.39%</b>	<b>139,067.82</b>	<b>95,000.00</b>	<b>44,067.82</b>	<b>146.39%</b>
<b>3400 · MATERIALS &amp; SUPPLIES</b>												
3401 · Conduit, Meter, Valve & Misc	0.00				1,871.43	65,000.00	-63,128.57	2.88%	1,871.43	65,000.00	-63,128.57	2.88%
3402 · Buildings & Roads	0.00				3,405.78	15,000.00	-11,594.22	22.71%	3,405.78	15,000.00	-11,594.22	22.71%
3403 · Reservoirs	0.00				1,833.90	10,000.00	-8,166.10	18.34%	1,833.90	10,000.00	-8,166.10	18.34%
<b>Total 3400 · MATERIALS &amp; SUPPLIES</b>	<b>0.00</b>				<b>7,111.11</b>	<b>90,000.00</b>	<b>-82,888.89</b>	<b>7.9%</b>	<b>7,111.11</b>	<b>90,000.00</b>	<b>-82,888.89</b>	<b>7.9%</b>
<b>3500 · OTHER EXPENSES</b>												
3501 · Utilities	0.00				7,400.42	7,000.00	400.42	105.72%	7,400.42	7,000.00	400.42	105.72%
3502 · Uniforms	0.00				1,186.68	5,000.00	-3,813.32	23.73%	1,186.68	5,000.00	-3,813.32	23.73%
3503 · Communications	0.00				18,015.16	18,000.00	15.16	100.08%	18,015.16	18,000.00	15.16	100.08%
3504 · USA & Other Services	0.00				1,596.37	4,000.00	-2,403.63	39.91%	1,596.37	4,000.00	-2,403.63	39.91%
3505 · Miscellaneous	0.00				6,331.81	8,000.00	-1,668.19	79.15%	6,331.81	8,000.00	-1,668.19	79.15%
3506 · Training	0.00				1,456.72	3,000.00	-1,543.28	48.56%	1,456.72	3,000.00	-1,543.28	48.56%
<b>Total 3500 · OTHER EXPENSES</b>	<b>0.00</b>				<b>35,987.16</b>	<b>45,000.00</b>	<b>-9,012.84</b>	<b>79.97%</b>	<b>35,987.16</b>	<b>45,000.00</b>	<b>-9,012.84</b>	<b>79.97%</b>
<b>4100 · LABOR - FISHERIES</b>	<b>659,426.84</b>	<b>623,119.00</b>	<b>36,307.84</b>	<b>105.83%</b>	<b>0.00</b>				<b>659,426.84</b>	<b>623,119.00</b>	<b>36,307.84</b>	<b>105.83%</b>
<b>4200 · VEHICLES &amp; EQUIP - FISHERIES</b>												
4270 · Vehicle/Equip Mtce	21,707.42	13,000.00	8,707.42	166.98%	0.00				21,707.42	13,000.00	8,707.42	166.98%
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>25,956.23</b>	<b>30,500.00</b>	<b>-4,543.77</b>	<b>85.1%</b>	<b>0.00</b>				<b>25,956.23</b>	<b>30,500.00</b>	<b>-4,543.77</b>	<b>85.1%</b>
<b>4220 · CONTRACT LABOR - FISHERIES</b>												
4221 · Meters & Valves	869.00	3,000.00	-2,131.00	28.97%	0.00				869.00	3,000.00	-2,131.00	28.97%
4222 · Fish Projects Maintenance	10,579.02	25,000.00	-14,420.98	42.32%	0.00				10,579.02	25,000.00	-14,420.98	42.32%
4220 · CONTRACT LABOR - FISHERIES - Other	0.00	0.00	0.00	0.0%	0.00				0.00	0.00	0.00	0.0%
<b>Total 4220 · CONTRACT LABOR - FISHERIES</b>	<b>11,448.02</b>	<b>28,000.00</b>	<b>-16,551.98</b>	<b>40.89%</b>	<b>0.00</b>				<b>11,448.02</b>	<b>28,000.00</b>	<b>-16,551.98</b>	<b>40.89%</b>
<b>4300 · MATERIALS/SUPPLIES - FISHERIES</b>												
4390 · Miscellaneous	4,901.64	7,000.00	-2,098.36	70.02%	0.00				4,901.64	7,000.00	-2,098.36	70.02%

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

	Fisheries				Operations				TOTAL			
	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	4,901.64	7,000.00	-2,098.36	70.02%	0.00				4,901.64	7,000.00	-2,098.36	70.02%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	1,199.61	2,500.00	-1,300.39	47.98%	0.00				1,199.61	2,500.00	-1,300.39	47.98%
Total 4500 · OTHER EXPENSES - FISHERIES	1,199.61	2,500.00	-1,300.39	47.98%	0.00				1,199.61	2,500.00	-1,300.39	47.98%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees												
5001 · Director Mileage	0.00				547.44	2,000.00	-1,452.56	27.37%	547.44	2,000.00	-1,452.56	27.37%
5000 · Director Fees - Other	0.00				8,153.60	11,000.00	-2,846.40	74.12%	8,153.60	11,000.00	-2,846.40	74.12%
Total 5000 · Director Fees	0.00				8,701.04	13,000.00	-4,298.96	66.93%	8,701.04	13,000.00	-4,298.96	66.93%
5100 · Legal	0.00				51,761.53	75,000.00	-23,238.47	69.02%	51,761.53	75,000.00	-23,238.47	69.02%
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				6,544.43	5,000.00	1,544.43	130.89%	6,544.43	5,000.00	1,544.43	130.89%
5311 · Office Equip/Leases	0.00				9,296.98	8,000.00	1,296.98	116.21%	9,296.98	8,000.00	1,296.98	116.21%
5312 · Misc Admin Expenses	0.00				13,982.15	7,150.00	6,832.15	195.56%	13,982.15	7,150.00	6,832.15	195.56%
5313 · Communications	0.00				8,373.29	8,500.00	-126.71	98.51%	8,373.29	8,500.00	-126.71	98.51%
5314 · Utilities	0.00				8,838.53	9,737.00	-898.47	90.77%	8,838.53	9,737.00	-898.47	90.77%
5315 · Membership Dues	0.00				8,113.97	8,000.00	113.97	101.43%	8,113.97	8,000.00	113.97	101.43%
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 AAll	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				12,071.08	15,000.00	-2,928.92	80.47%	12,071.08	15,000.00	-2,928.92	80.47%
5325 · Emp Training/Subscriptions	0.00				1,216.31	2,000.00	-783.69	60.82%	1,216.31	2,000.00	-783.69	60.82%
5330 · Admin Travel/Conferences	0.00				920.21	2,000.00	-1,079.79	46.01%	920.21	2,000.00	-1,079.79	46.01%
5331 · Public Information	0.00				539.99	1,000.00	-460.01	54.0%	539.99	1,000.00	-460.01	54.0%
5391 · Admin Contract Labor AA I	0.00				16,259.14	19,600.00	-3,340.86	82.96%	16,259.14	19,600.00	-3,340.86	82.96%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				225,012.03	269,942.00	-44,929.97	83.36%	225,012.03	269,942.00	-44,929.97	83.36%
5299 · ADMIN LABOR	0.00				445,837.01	484,222.00	-38,384.99	92.07%	445,837.01	484,222.00	-38,384.99	92.07%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	9,250.60	20,000.00	-10,749.40	46.25%	0.00				9,250.60	20,000.00	-10,749.40	46.25%
5410 · Postage / Office Supplies	3,866.75	2,000.00	1,866.75	193.34%	0.00				3,866.75	2,000.00	1,866.75	193.34%
5411 · Office Equipment / Leases	5,006.01	5,218.00	-211.99	95.94%	0.00				5,006.01	5,218.00	-211.99	95.94%
5412 · Misc. Admin Expense	6,046.19	4,870.00	1,176.19	124.15%	0.00				6,046.19	4,870.00	1,176.19	124.15%
5413 · Communications	5,117.66	4,305.00	812.66	118.88%	0.00				5,117.66	4,305.00	812.66	118.88%
5414 · Utilities	4,759.17	5,243.00	-483.83	90.77%	0.00				4,759.17	5,243.00	-483.83	90.77%
5415 · Membership Dues	4,333.65	4,000.00	333.65	108.34%	0.00				4,333.65	4,000.00	333.65	108.34%
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 AAll	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	6,499.79	5,000.00	1,499.79	130.0%	0.00				6,499.79	5,000.00	1,499.79	130.0%
5425 · Employee Education/Subsription	1,573.22	2,500.00	-926.78	62.93%	0.00				1,573.22	2,500.00	-926.78	62.93%
5426 · Director Fees	4,390.40	6,000.00	-1,609.60	73.17%	0.00				4,390.40	6,000.00	-1,609.60	73.17%
5427 · Director Mileage	294.73	1,000.00	-705.27	29.47%	0.00				294.73	1,000.00	-705.27	29.47%
5430 · Travel	978.78	2,500.00	-1,521.22	39.15%	0.00				978.78	2,500.00	-1,521.22	39.15%
5431 · Public Information	790.76	1,500.00	-709.24	52.72%	0.00				790.76	1,500.00	-709.24	52.72%
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	8,754.96	10,600.00	-1,845.04	82.59%	0.00				8,754.96	10,600.00	-1,845.04	82.59%
Total 5400 · GENERAL & ADMIN - FISHERIES	103,874.51	120,781.00	-16,906.49	86.0%	0.00				103,874.51	120,781.00	-16,906.49	86.0%
5499 · ADMIN LABOR-FISHERIES	169,536.66	202,112.00	-32,575.34	83.88%	0.00				169,536.66	202,112.00	-32,575.34	83.88%
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%
6000 · SPECIAL PROJECTS												
6062 · SCADA	0.00				2,656.03	20,000.00	-17,343.97	13.28%	2,656.03	20,000.00	-17,343.97	13.28%
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%

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

	Fisheries				Operations				TOTAL			
	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget
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				28,058.51	100,000.00	-71,941.49	28.06%	28,058.51	100,000.00	-71,941.49	28.06%
6120 · Emergency Pumping Fac Project	0.00				1,798,649.19	2,160,374.00	-361,724.81	83.26%	1,798,649.19	2,160,374.00	-361,724.81	83.26%
6120-1 · EPFP 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%
6120-2 · EPFP UF FY 2016-17	0.00				0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
6122 · Rehab San Antonio Crk Blow-off	0.00				0.00	0.00	0.00	0.0%	0.00	0.00	0.00	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%
6132 · Sycamore Canyon Slope Stabiliz	0.00				0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
6133 · Meter Replacement Project	0.00				0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
6134 · N.P. IT/Control Bldg Seismic	0.00				0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
6135 · SCC San Jose Creek Pipe Stabili	0.00				0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total 6000 · SPECIAL PROJECTS</b>	<b>0.00</b>				<b>1,952,939.68</b>	<b>2,561,250.00</b>	<b>-608,310.32</b>	<b>76.25%</b>	<b>1,952,939.68</b>	<b>2,561,250.00</b>	<b>-608,310.32</b>	<b>76.25%</b>
<b>6200 · FISHERIES ACTIVITIES</b>												
6201 · FMP Implementation	23,925.52	58,800.00	-34,874.48	40.69%	0.00				23,925.52	58,800.00	-34,874.48	40.69%
6202 · GIS and Mapping	3,897.00	10,000.00	-6,103.00	38.97%	0.00				3,897.00	10,000.00	-6,103.00	38.97%
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	91,875.00	77,000.00	14,875.00	119.32%	0.00				91,875.00	77,000.00	14,875.00	119.32%
6206 · Tri County Fish Team Funding	5,000.00	5,000.00	0.00	100.0%	0.00				5,000.00	5,000.00	0.00	100.0%
6207 · Oak Tree Restoration Program	18,066.03	80,000.00	-61,933.97	22.58%	0.00				18,066.03	80,000.00	-61,933.97	22.58%
<b>Total 6200 · FISHERIES ACTIVITIES</b>	<b>142,763.55</b>	<b>238,800.00</b>	<b>-96,036.45</b>	<b>59.78%</b>	<b>0.00</b>				<b>142,763.55</b>	<b>238,800.00</b>	<b>-96,036.45</b>	<b>59.78%</b>
<b>6300 · HABITAT ENHANCEMENT</b>												
6319 · Mission Creek at Hwy 192	0.00	0.00	0.00	0.0%	0.00				0.00	0.00	0.00	0.0%
6318 · Quiota Creek Crossing 9	0.00	0.00	0.00	0.0%	0.00				0.00	0.00	0.00	0.0%
6303 · Tributary Projects Support	20,000.03	20,000.00	0.03	100.0%	0.00				20,000.03	20,000.00	0.03	100.0%
6312 · Quiota Creek Crossing 0 (a&b)	642,092.07	840,000.00	-197,907.93	76.44%	0.00				642,092.07	840,000.00	-197,907.93	76.44%
6313 · Quiota Creek Crossing 3	527.00				0.00				527.00	0.00	527.00	100.0%
6314 · Quiota Creek Crossing 4	1,020,929.06	1,120,000.00	-99,070.94	91.15%	0.00				1,020,929.06	1,120,000.00	-99,070.94	91.15%
6315 · Quiota Creek Crossing 8	13,260.00	24,200.00	-10,940.00	54.79%	0.00				13,260.00	24,200.00	-10,940.00	54.79%
6316 · Quiota Creek Crossing 5	28,290.47	30,000.00	-1,709.53	94.3%	0.00				28,290.47	30,000.00	-1,709.53	94.3%
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>1,728,707.25</b>	<b>2,044,200.00</b>	<b>-315,492.75</b>	<b>84.57%</b>	<b>0.00</b>				<b>1,728,707.25</b>	<b>2,044,200.00</b>	<b>-315,492.75</b>	<b>84.57%</b>
7007 · INTEREST EXPENSE-EPFP	0.00				69,126.34				69,126.34	0.00	69,126.34	100.0%
<b>Total Expense</b>	<b>2,847,814.36</b>	<b>3,297,012.00</b>	<b>-449,197.64</b>	<b>86.38%</b>	<b>3,574,861.96</b>	<b>4,417,789.00</b>	<b>-842,927.04</b>	<b>80.92%</b>	<b>6,422,676.32</b>	<b>7,714,801.00</b>	<b>-1,292,124.68</b>	<b>83.25%</b>
<b>Net Income</b>	<b>249,216.26</b>	<b>0.00</b>	<b>249,216.26</b>	<b>100.0%</b>	<b>1,283,600.05</b>	<b>0.00</b>	<b>1,283,600.05</b>	<b>100.0%</b>	<b>1,532,816.31</b>	<b>0.00</b>	<b>1,532,816.31</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)  
July 17, 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

June 2017 Statement

Account Summary

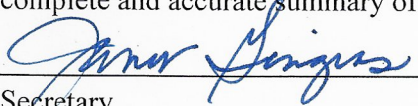
Total Deposit:	0.00	Beginning Balance:	✓ 817,183.44
Total Withdrawal:	0.00	Ending Balance:	✓ 817,183.44

**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 June, 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  
805-965-5564 www.americanrivierabank.com

RECEIVED  
JUL 10 2017  
CACHUMA O & M BOARD

PAGE 1

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

ACCOUNT ANALYSIS CHECKING

ACCOUNT NO  
STATEMENT DATE 06/30/2017  
LAST STATEMENT DATE 05/31/2017

0	STATEMENT PERIOD		
PREVIOUS BALANCE	63,087.61	# OF DAYS-STMT PERIOD	30
1 DEPOSITS/CREDITS	15.00		
2 CHECKS/WITHDRAWALS	52,887.00	AVERAGE BALANCE	59,562.81
ENDING BALANCE	10,215.61	YTD INTEREST	0.00
TOTAL SRV CHG TODAY	0.00		

DEPOSITS

DATE	DESCRIPTION	AMOUNT
06/30/17	EARNINGS CREDIT	15.00

WITHDRAWALS

DATE	DESCRIPTION	AMOUNT
06/29/17	TO XXXXXXXX1514	52,872.00
06/30/17	Fisheries QC Xng OTP reimb's FY 1617	
	SERVICE CHARGE	15.00

DAILY BALANCE SUMMARY

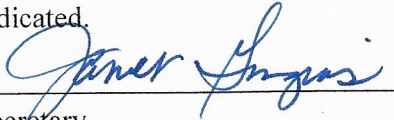
DATE	AMOUNT	DATE	AMOUNT
06/29/2017	10,215.61	06/30/2017	10,215.61

**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 June, 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

AMERICAN RIVIERA BANK

P.O. Box 329, Santa Barbara, California 93102  
805-965-0902, www.americanrivierabank.com

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JUL 18 2017

CACHUMA O & M BOARD

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 06/30/2017  
LAST STATEMENT DATE 05/31/2017

0 STATEMENT PERIOD

PREVIOUS BALANCE	1,053,980.52	# OF DAYS-STMT PERIOD	30
1 DEPOSITS/CREDITS	15.00	AVERAGE BALANCE	1,038,593.45
3 CHECKS/WITHDRAWALS	238,321.00	YTD INTEREST	0.00
ENDING BALANCE	815,674.52		
TOTAL SRV CHG TODAY	0.00		

DEPOSITS

DATE	DESCRIPTION	AMOUNT
06/30/17	EARNINGS CREDIT	15.00

WITHDRAWALS

DATE	DESCRIPTION	AMOUNT
06/29/17	TO XXXXXXXX1514 Fisheries QC Xng OTP reimb's FY 1617	223,306.00
06/30/17	TO XXXXXXXX1514 Fisheries Epense reimb's FY 1617	15,000.00
06/30/17	SERVICE CHARGE	15.00

DAILY BALANCE SUMMARY

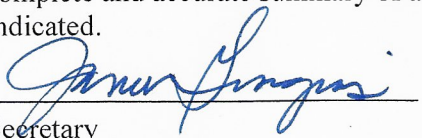
DATE	AMOUNT	DATE	AMOUNT
06/29/2017	830,674.52	06/30/2017	815,674.52

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 June, 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

## Cachuma Operation &amp; Maintenance Board

## Paid Claims

As of June 30, 2017

Date	Num	Name	Memo	Amount
<b>1050 · GENERAL FUND</b>				
06/08/2017	25397	A-OK Power Equipment-SB	Air filters/Oil/Chains/Weed Wacker Blade/Bulbs (Ops Div)	-329.66
06/08/2017	25398	All-Cal Equipment Service, Inc.	Crane inspection-NP-Annual Certification (Ops Div)	-294.40
06/08/2017	25399	Aqua-Flo Supply	Couplers (Fish Div)	-32.19
06/08/2017	25400	City of Santa-Barbara	Trash/Recycle-May 2017	-218.67
06/08/2017	25401	Coastal Copy, LP	Copier (4550ci/3051ci) mtce agmt	-594.08
06/08/2017	25402	Cox Communications Santa Barbara	Business internet-Jun	-195.00
06/08/2017	25403	Crop Production Services, Inc.	Rodent bait-reservoirs (Ops Div)	-121.22
06/08/2017	25404	Culligan of Sylmar	Monthly RO system-June	-26.95
06/08/2017	25405	Cushman Contracting Corp.	Emerg Pumping System: Pay Req#37-Phase II	-55,116.66
06/08/2017	25406	ECHO Communications	Monthly answering service	-73.38
06/08/2017	25407	Employee Relations, Inc.	Background/Verification-(Fish Div)	-190.60
06/08/2017	25408	Frontier Communications	Telephone - Main/Outlying Stations	-594.32
06/08/2017	25409	Harrison Hardware	Gloves/Couplers/Striping Paint (Fish Div)	-93.21
06/08/2017	25410	Harwood White	May mtg fees	-264.95
06/08/2017	25411	Lauren W. Hanson	May mtg fees	-266.80
06/08/2017	25412	MarBorg Industries	Portable toilets-outlying stations	-241.40
06/08/2017	25413	Milpas Rental	Chipper rental (Ops Div)	-858.15
06/08/2017	25414	Nestle Pure Life Direct	May-6 gal disp.	-97.76
06/08/2017	25415	Pacific Coast Jiffy Lube	Service/Oil change/Filters - '15 Chev Silverado (Ops Div)	-156.21
06/08/2017	25416	Paychex, Inc. (Payroll)	5/5, 5/19 & 6/2/2017 payrolls/taxes/deliveries	-548.12
06/08/2017	25417	Polly Holcombe	May mtg fees	-286.55
06/08/2017	25418	Powell Garage	Service/Oil change/Fluid/Light bulbs - '06 Chevy Colorado (Fish Div) - service completed in April	-119.14
06/08/2017	25419	Praxair Distribution, Inc.	Cylinder rental (acetylene for welder) (Ops Div)	-67.50
06/08/2017	25420	Premiere Global Services	Conf calls-May	-34.44
06/08/2017	25421	Prudential Overall Supply	Mats/Scrapers-May	-100.56
06/08/2017	25422	Rauch Communication Consultants, Inc.	Website mtce	-175.00
06/08/2017	25423	Sansum Clinic-Occupational Medicine	Pre-employment physical (Fish Div)	-324.00
06/08/2017	25424	SB Home Improvement Center	Cleaning supplies (Ops Div)	-102.93
06/08/2017	25425	Select Staffing	Admin Assist/Board Secretary	-1,412.99
06/08/2017	25426	Southern California Edison	Electricity - Main office/Outlying stations	-1,053.89
06/08/2017	25427	Staples Credit Plan	Office supplies/Toilet paper/Water/Coffee/Utensils	-187.62
06/08/2017	25428	Turenchalk Network Services, Inc.	IT services - May	-1,446.00
06/08/2017	25429	Underground Service Alert of So. Calif.	102 Ticket charges (Ops Div)	-153.00
06/08/2017	25430	W. Douglas Morgan	May mtg fees	-277.60
06/08/2017	25431	Wright Express Fleet Services	Fleet fuel (April - May)	-6,025.84
06/16/2017	25432	American Riviera Bank (ARB)	Principal/Interest-EPPF Loans	-38,477.96
06/16/2017	25433	AT&T	May charges	-382.93
06/16/2017	25434	Frontier Communications	SCADA	-568.46
06/16/2017	25435	Musick, Peeler & Garrett LLP	General Counsel (March and April)	-10,887.00
06/16/2017	25436	Select Staffing	Admin Assist/Board Secretary	-559.95
06/16/2017	25437	Tri-Co Reprographics	Scanning, Monochrome -QC Xng 5 (Fish Div)	-31.80
06/16/2017	25438	Verizon Wireless	Cellular/Modem's/USB's	-589.98
06/16/2017	25439	Southern California Edison	Electricity - Outlying station	-72.81
06/27/2017	25440	Aqua-Flo Supply	Brass hose/Shut off valve (Fish Div)	-57.28
06/27/2017	25441	J&C Services	Ofc cleaning services-Jun	-420.00
06/27/2017	25442	Paychex, Inc. (HR Essentials)	HR Essentials/Admin Fee	-205.26
06/27/2017	25443	PG&E	Tecolote tunnel/North Portal electricity	-361.45
06/27/2017	25444	Praxair Distribution, Inc.	Cylinder rental (acetylene for welder) (Ops Div)	-69.75
06/27/2017	25445	Select Staffing	Admin Assist/Board Secretary	-1,511.34
06/27/2017	25446	The Gas Company	Gas-main office	-2.91
06/27/2017	25447	Wells Fargo Vendor Fin Serv	Copier (4550 & 3051) lease agmt	-488.11
06/28/2017	25448	All Around Landscape Supply	Supplies/Primer/Valves/Teflon Tape (Ops Div)	-72.60

Cachuma Operation & Maintenance Board

**Paid Claims**

As of June 30, 2017

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
06/28/2017	25449	Calif Dept of Forestry & Fire Protection	Brush clearing-Lauro/Glen Anne/Ortega	-2,057.58
06/28/2017	25450	Federal Express	Mailings	-136.79
06/28/2017	25451	Lauren W. Hanson	June mtg fees	-266.80
06/28/2017	25452	Orchard Business/SYNCB	Toilet/Parts/Supplies/Bulbs	-327.81
06/28/2017	25453	Polly Holcombe	June mtg fees	-286.55
06/28/2017	25454	Powell Garage	Service/Oil change - '06 Chevy Colorado (Fish Div)	-73.71
Total 1050 · GENERAL FUND				<u>-129,989.62</u>
<b>TOTAL</b>				<b><u>-129,989.62</u></b>

# CACHUMA OPERATION & MAINTENANCE BOARD

## Administrative Committee Meeting

3301 Laurel Canyon Road  
Santa Barbara, CA 93105

Wednesday, July 19, 2017  
10:00 a.m.\*

**\*NOTE:** This committee meeting will occur following the conclusion of agenda items on the Operations Committee Meeting scheduled for Wednesday, July 19, 2017 at 10:00 am.

### AGENDA

1. Call to Order
2. Public Comment (Public may address the Committee on any subject matter not on the agenda and within the Committee's jurisdiction)
3. Transfer of the Operation & Maintenance of the Cachuma Transferred Project Works - Contract Renewal Process – Letter of Interest (*for information and possible recommendation*)
4. Selection of Auditor for Fiscal Year 2016-17 COMB Financial Audit (*for information and possible recommendation*)
5. Consultant Contracts Executed – 4<sup>th</sup> Quarter FYE 2017 (*for information*)
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

## BOARD MEMORANDUM

Date:	July 24, 2017
Submitted by:	Janet Gingras

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**SUBJECT:** Board Committee Appointments for Fiscal Year 2017-18

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**SUMMARY:**

The COMB Board consists of five standing committees including Administrative, Operations, Fisheries, Lake Cachuma Oak Tree, and Public Outreach. Each committee consists of two Board Directors (one of which is the Chair and the other a member) and an alternate Director to serve on each committee. The committees meet during the course of the fiscal year, on an as-needed basis, together with COMB staff, to discuss various subjects and make recommendations to the Board. The Board President is responsible for the appointment of Directors to serve on each committee.

**RECOMMENDATION:**

It is recommended that the President of the Board consider and appoint committee members for Fiscal Year 2017-18.

**LIST OF EXHIBITS:**

1. COMB Committee appointments for Fiscal Year 2016-17

COMMITTEE NAME	COMMITTEE CHAIR	COMMITTEE MEMBER	ALTERNATE MEMBER
<b>Administrative (Finance, Personnel, Legal)</b>	Director Morgan	Director White	Director Holcombe
<b>Operations</b>	Director White	Director Morgan	Director Holcombe
<b>Fisheries</b>	Director Holcombe	Director Hanson	Director Morgan
<b>Lake Cachuma Oak Tree</b>	Director White	Director Morgan	Director Holcombe
<b>Public Outreach</b>	Director Hanson	Director Holcombe	Director Morgan

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	July 24,2017
Submitted by:	Janet Gingras

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**SUBJECT: Annual Resolutions Regarding Bank Accounts, Statement of Investment Policy and Establishing a Time and Place for Regular Board Meetings**

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**SUMMARY:**

In June or July of each year, the Board holds its annual organizational meeting. The attached resolutions are presented annually to adopt an annual statement of investment policy, affirm the check signing policy for all COMB bank accounts, authorize signatories on those accounts, and establish the time and place of COMB Board meetings. The approval of the attached resolutions is a basic housekeeping item and is identical to the resolutions presented to the Board in the past. Prior resolutions of the same subject matter will be superseded by the resolutions presented within.

The regular COMB Board meetings are held the fourth Monday of each month. Resolution No. 642 establishes regular meeting dates of the COMB Board. However, due to occasions where a holiday falls on or near the fourth Monday, the regular meeting has historically been moved to the third Monday for that particular month.

**RECOMMENDATION:**

The Board of Directors approve Resolutions No. 634 through No. 642 by roll call vote on one motion, unless a member requests separate consideration.

**LIST OF EXHIBITS:**

1. Resolutions No. 634 through No. 642

**RESOLUTION NO. 634**

**A RESOLUTION OF THE CACHUMA OPERATION AND MAINTENANCE BOARD  
ADOPTING AN ANNUAL STATEMENT  
OF INVESTMENT POLICY**

**WHEREAS**, the Board of Directors has heretofore established a General Fund from which monies may be expended for general operating purposes, and

**WHEREAS**, the Board of Directors, has in addition, established reserve funds designated as "General Reserve" from which monies may be expended for specific and operating purposes, and

**WHEREAS**, the Cachuma Operation and Maintenance Board has on hand in the General Fund from time to time monies which are surplus to the Board's immediate operating needs, and

**WHEREAS**, it has been determined to be in the public interest to invest such surplus and inactive monies in a manner which insures a maximum return consistent with safety on such investments while maintaining the integrity of such surplus and inactive funds, and

**WHEREAS**, the Board of Directors has heretofore designated depositories, and may from time to time hereafter designate additional such depositories to have custody of Cachuma Operation and Maintenance Board funds, and

**WHEREAS**, such designated depositories must provide security for such Board funds as may be deposited with them, as provided by statute, and

**WHEREAS**, the Secretary has rendered an Annual Statement of Investment Policy to the Board pursuant to Section 53646(a) of the Government Code

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of Cachuma Operation and Maintenance Board as follows:

The Secretary's Annual Statement of Investment Policy dated July 24, 2017 attached hereto as Exhibit A, is hereby approved and adopted.

**PASSED, APPROVED AND ADOPTED** this 24<sup>th</sup> day of July 2017 by the following roll call vote:

**AYES:**

**NAYES:**

**ABSENT/ABSTAIN:**

**APPROVED:**

**ATTEST:**

\_\_\_\_\_  
President of the Board

\_\_\_\_\_  
Secretary of the Board



**TO:** Board of Directors  
**FROM:** Janet Gingras, Secretary  
**DATE:** July 24, 2017  
**RE:** **SECRETARY'S ANNUAL STATEMENT OF INVESTMENT POLICY**

The following is my annual statement of investment policy rendered pursuant to Section 53646(a) of the Government Code:

1. Investment of sinking fund or surplus money of Cachuma Operation & Maintenance Board (*Board*) shall be made in securities in which the Board is legally empowered to invest such funds in accordance with Section 53601 of the Government Code, taking into consideration the probable income as well as the probable safety of said funds, exercising the judgment and care under the circumstances prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not in regard to speculation, but in regard to the permanent disposition of said funds.
2. As far as possible, all money shall be deposited for safekeeping in state or national banks or state or federal savings and loan associations or may be invested as provided in Section 53635 of the Government Code.
3. Money may be invested in the Local Agency Investment Fund in accordance with Section 16429.1 of the Government Code.
4. No investments shall be made in financial futures or financial option contracts which are otherwise allowed pursuant to Section 53601.1 of the Government Code.
5. All interest earned shall be credited to the General Fund.
6. Accounts shall be established and maintained in Board accounting records to record surplus and inactive funds at all times in accordance with the State Controller's chart of accounts as authorized by Section 53891 of the Government Code.
7. Reserve Fund account balances shall be maintained separately and shall reflect at all times the balance in each reserve fund in a manner consistent with generally accepted accounting practices.
8. Depositories having custody of Board funds shall be directed to forward copies of all correspondence concerning Board funds to the Secretary of the Board.
9. Verification that monies have been on deposit at all times and collateralized in amounts equal to or in excess of funds designated by the Board of Directors as reserve funds shall be made in the annual audit of records.
10. After review and prior authorization by the Board of Directors, the Secretary should be delegated the authority and responsibility to invest or to reinvest funds of the Board or to sell or exchange securities so purchased in accordance with Section 53607 of the Government Code.
11. The Board should from time to time determine which reserve funds are surplus and which are inactive.
12. The Secretary shall render a monthly report to the Board in accordance with Section 53646(b) of the Government Code.

**RESOLUTION NO. 635**

**RESOLUTION OF THE BOARD OF DIRECTORS OF  
CACHUMA OPERATION AND MAINTENANCE BOARD  
AUTHORIZING INVESTMENT OF MONIES IN THE  
LOCAL AGENCY INVESTMENT FUND**

**WHEREAS**, Pursuant to Chapter 730 of the statutes of 1976 Section 16429.1 was added to the California Government Code to create a Local Agency Investment Fund in the State Treasury for the deposit of money of a local agency for purposes of investment by the State Treasurer; and

**WHEREAS**, The Board of Directors does hereby find that the deposit and withdrawal of money in the Local Agency Investment Fund in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein is in the best interests of the Cachuma Operation and Maintenance Board (COMB).

**NOW THEREFORE, BE IT RESOLVED**, that the Board of Directors does hereby authorize the deposit and withdrawal of COMB monies in the Local Agency Investment Fund in the State Treasury in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein, and verification by the State Treasurer's Office of all banking information provided in that regard.

**BE IT FURTHER RESOLVED**, that the following COMB officers or their successors in office shall be authorized to order the deposit or withdrawal of monies in the Local Agency Investment Fund.

_____ President, Board of Directors	_____ Vice-President, Board of Directors
_____ General Manager/ Secretary of the Board	_____ Administrative Manager/CFO Auditor-Controller

**PASSED AND ADOPTED**, by the Board of Directors of COMB, County of Santa Barbara, State of California on July 24, 2017 by the following vote:

**AYES:**

**NAYES:**

**ABSENT/ABSTAIN:**

APPROVED:

\_\_\_\_\_  
President of the Board

ATTEST:

\_\_\_\_\_  
Secretary of the Board

**RESOLUTION NO. 636**

**A RESOLUTION OF THE  
CACHUMA OPERATION AND MAINTENANCE BOARD (CUSTOMER)  
ESTABLISHING A SUPPLEMENTAL ACCOUNT AGREEMENT  
FOR TELEPHONE TRANSFERS**

The undersigned Customer further agrees with American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) in connection with its Agreement for General Fund and Revolving Fund Accounts, hereinafter referred to as the "checking accounts", that the Bank may honor telephone instructions to transfer funds to and from the State Treasurer's Local Agency Investment Fund, maintained at the Bank of America Sacramento Branch to and from Customer's above listed local accounts when such instructions are given by the person, or one of the persons, authorized below to make such transfers.

In consideration of the Bank accepting telephone instructions to transfer, the Bank may require such identification of the person giving such instructions as it may deem necessary and sufficient and the undersigned Customer will indemnify and hold harmless the Bank from all loss or damage resulting from such instructions, including incorrect identification.

Any one of the following persons is authorized to make telephone transfers to and from the Checking Accounts(s):

_____ President, Board of Directors	_____ Vice-President, Board of Directors
_____ General Manager/ Secretary of the Board	_____ Administrative Manager/CFO Auditor-Controller

The Bank is authorized to accept and rely upon the telephone instructions of the above persons, and each of them, unless and until the undersigned Customer shall deliver to the Bank at the Branch where the Checking accounts are located a specific written instruction revoking the authority of such person(s) to make such telephone instruction, and the Bank has a reasonable opportunity to comply (*which shall be at least one banking business day*) with the written revocation of authority.

This resolution supersedes Resolution No. 628 dated January 23, 2017, and all resolutions preceding it pertaining to said Agreement.

**PASSED, APPROVED AND ADOPTED** this 24<sup>th</sup> day of July 2017 by the following roll call vote:

**AYES:**

**NAYS:**

**ABSENT/ABSTAIN:**

APPROVED:

\_\_\_\_\_  
President of the Board

ATTEST:

\_\_\_\_\_  
Secretary of the Board

**RESOLUTION NO. 637**

**A RESOLUTION OF THE CACHUMA OPERATION AND MAINTENANCE BOARD  
ESTABLISHING A POLICY FOR SIGNING CHECKS DRAWN ON THE GENERAL FUND  
ACCOUNT FOR THE PAYMENT OF CLAIMS**

**WHEREAS**, the Cachuma Operation and Maintenance Board maintains a separate checking account at American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) for the payment of bills and claims presented to the Board herein called the General Fund, and

**WHEREAS**, the checks issued on the General Fund require two (2) authorized signatures before the checks are honored by the Bank; and

**WHEREAS**, the Board of Directors reviews and approves the payment of claims for all checks issued on the General Fund at the Board's monthly meeting,

**NOW, THEREFORE BE IT RESOLVED** by the Board of Directors of the Cachuma Operation and Maintenance Board that the following policy be adopted:

All checks issued from the General Fund will require two (2) signatures of the following: General Manager, Administrative Manager and any member of the Board of Directors.

This resolution supersedes Resolution No. 617 dated July 25, 2016, and all resolutions preceding it pertaining to establishing policy for staff to sign checks for payment of claims.

**PASSED, APPROVED AND ADOPTED** this 24<sup>th</sup> day of July 2017, by the following vote:

**AYES:**  
**NAYES:**  
**ABSENT/ABSTAIN:**

APPROVED:

\_\_\_\_\_  
President of the Board

ATTEST:

\_\_\_\_\_  
Secretary of the Board

**RESOLUTION NO. 638**

**A RESOLUTION OF THE  
CACHUMA OPERATION AND MAINTENANCE BOARD AUTHORIZING  
SIGNATORIES FOR GENERAL FUND ACCOUNT AT  
AMERICAN RIVIERA BANK**

**WHEREAS**, the Cachuma Operation and Maintenance maintains a separate checking account at American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) for the payment of bills and claims presented to the Board herein called the General Fund, and

**WHEREAS**, the checks issued on the General Fund require two (2) authorized signatures; and

**WHEREAS**, the Board of Directors reviews and approves the payment of claims for all checks issued on the General Fund at the Board's monthly meeting.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said account subject to those conditions as specified in Resolution No. 637 adopted by this Board on July 24, 2017.

\_\_\_\_\_  
President, Board of Directors

\_\_\_\_\_  
Vice-President, Board of Directors

\_\_\_\_\_  
Director

\_\_\_\_\_  
Director

\_\_\_\_\_  
General Manager/Secretary of the Board

\_\_\_\_\_  
Administrative Manager/CFO Auditor-Controller

**PASSED, APPROVED AND ADOPTED** this 24<sup>th</sup> day of July 2017, by the following vote:

**AYES:**

**NAYES:**

**ABSENT/ABSTAIN:**

APPROVED:

\_\_\_\_\_  
President of the Board

ATTEST:

\_\_\_\_\_  
Secretary of the Board

**RESOLUTION NO. 639**

**A RESOLUTION OF THE  
CACHUMA OPERATION AND MAINTENANCE BOARD AUTHORIZING  
SIGNATORIES FOR REVOLVING FUND ACCOUNT AT  
AMERICAN RIVIERA BANK**

**WHEREAS**, the Cachuma Operation and Maintenance Board maintains a separate checking account at American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) for the payment of payroll and related items herein called the Revolving Fund, and

**WHEREAS**, the checks issued on the Revolving Fund require one authorized signature before the checks are honored by the Bank.

**NOW, THEREFORE BE IT RESOLVED** by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said account:

\_\_\_\_\_  
President, Board of Directors

\_\_\_\_\_  
Vice-President, Board of Directors

\_\_\_\_\_  
General Manager/Secretary of the Board

\_\_\_\_\_  
Administrative Manager/CFO Auditor-Controller

This resolution supersedes Resolution No. 625 dated January 23, 2017 and all resolutions preceding it pertaining to authorized signatories for said account.

**PASSED, APPROVED, AND ADOPTED** this 24<sup>th</sup> day of July 2017, by the following vote:

**AYES:**

**NAYES:**

**ABSENT/ABSTAIN:**

APPROVED:

\_\_\_\_\_  
President of the Board

ATTEST:

\_\_\_\_\_  
Secretary of the Board

**RESOLUTION NO. 640**

**A RESOLUTION OF THE CACHUMA OPERATION AND MAINTENANCE BOARD  
ESTABLISHING A POLICY FOR SIGNING CHECKS DRAWN ON THE  
CACHUMA PROJECT TRUST FUND AND THE  
CACHUMA MASTER CONTRACT RENEWAL FUND ACCOUNTS  
FOR THE PAYMENT OF CLAIMS**

**WHEREAS**, the Cachuma Operation and Maintenance Board has established separate money market accounts at American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) for the payment of bills and claims presented to the Board herein called the Cachuma Project Trust Fund and the Cachuma Master Contract Renewal Fund Account (Renewal Fund), and

**WHEREAS**, the checks issued on either money market account require two (2) authorized signatures before the checks are honored by the Bank; and

**WHEREAS**, the Board of Directors reviews and approves the payment of claims for all checks issued on the Cachuma Project Trust Fund and Renewal Fund accounts at the Board's monthly meeting,

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Cachuma Operation and Maintenance Board that the following policy be adopted:

All checks issued from the Cachuma Project Trust Fund and Renewal Fund accounts will require two (2) signatures of the following: General Manager, Administrative Manager and any member of the Board of Directors.

This Resolution supersedes Resolution No. 620 dated July 25, 2016 and all resolutions preceding it pertaining to establishing policy for signing checks drawn on the Cachuma Project Trust Fund and Renewal Fund accounts.

**PASSED, APPROVED AND ADOPTED** this 24<sup>th</sup> day of July 2017, by the following vote:

**AYES:**

**NAYES:**

**ABSENT/ABSTAIN:**

APPROVED:

\_\_\_\_\_  
President of the Board

ATTEST:

\_\_\_\_\_  
Secretary of the Board

**RESOLUTION NO. 641**

**A RESOLUTION OF THE  
CACHUMA OPERATION AND MAINTENANCE BOARD AUTHORIZING  
SIGNATORIES FOR THE CACHUMA PROJECT TRUST FUND AND THE  
CACHUMA MASTER CONTRACT RENEWAL FUND ACCOUNTS AT  
AMERICAN RIVIERA BANK**

**WHEREAS**, the Cachuma Operation and Maintenance Board (COMB) by Resolution No. 249 of January 27, 1997 assumed responsibility for managing the Cachuma Project Trust Fund and the Cachuma Master Contract Renewal Fund (Renewal Fund), and

**WHEREAS**, COMB has identified American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) as the most favorable institution with which to establish these accounts; and

**WHEREAS**, the checks issued on the Renewal Fund and Cachuma Project Trust Fund require two (2) authorized signatures; and

**WHEREAS**, the Board of Directors reviews and approves the payment of claims for all checks issued on the Renewal Fund and Cachuma Project Trust Fund accounts at the Board's monthly meeting,

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said accounts subject to those conditions as specified in Resolution No. 626 adopted by this Board on January 23, 2017.

\_\_\_\_\_  
President, Board of Directors

\_\_\_\_\_  
Vice-President, Board of Directors

\_\_\_\_\_  
Director

\_\_\_\_\_  
Director

\_\_\_\_\_  
General Manager/Secretary of the Board

\_\_\_\_\_  
Administrative Manager/Auditor-Controller

**PASSED, APPROVED AND ADOPTED** this 24<sup>th</sup> day of July 2017 by the following vote:

**AYES:**

**NAYES:**

**ABSENT/ABSTAIN:**

APPROVED:

ATTEST:

\_\_\_\_\_  
President of the Board

\_\_\_\_\_  
Secretary of the Board



**RESOLUTION NO. 642**

**A RESOLUTION OF THE CACHUMA OPERATION AND  
MAINTENANCE BOARD ESTABLISHING THE TIME AND  
PLACE OF REGULAR BOARD MEETINGS**

**WHEREAS**, the Cachuma Operation and Maintenance Board (“COMB”) maintains its offices and mailing address at 3301 Laurel Canyon Road, Santa Barbara, CA 93105-2017.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of COMB that the following policy be adopted:

Unless otherwise noted, the regular meetings of the COMB Board of Directors shall be held each fourth Monday of the month, at 2:00 p.m., at the above address. If a Holiday falls on the fourth Monday of the month, the regular Board meeting will be held on the third Monday during such months. A list of the Regular Board meeting dates will be provided for each calendar year.

Special meetings of the COMB Board of Directors may be called at any time by the presiding officer or by a majority of the Directors, in accordance with the provisions of Government Code Section 54956.

This Resolution supersedes Resolution No. 622 dated July 25, 2016 and all resolutions preceding it pertaining to establishing a time and place for regular meetings of the COMB Board of Directors.

**PASSED, APPROVED AND ADOPTED** this 24<sup>th</sup> day of July 2017, by the following roll call vote:

**AYES:**

**NAYES:**

**ABSENT/ABSTAIN:**

APPROVED:

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President of the Board

ATTEST:

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Secretary of the Board

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	July 24, 2017
Approved by:	Janet Gingras

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**SUBJECT:** Resolution No. 643 – Authorizing a Letter of Interest be sent to the United States Bureau of Reclamation for Renewal of the Transfer of Operation and Maintenance of the Transferred Project Works – Cachuma Project, California  
Contract No. 14-06-200-5222R

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**SUMMARY:**

The Cachuma Operation and Maintenance Board and the United States Department of the Interior, Bureau of Reclamation, entered into the Transfer of Operation and Maintenance of the Cachuma Transferred Project Works Contract No. 14-06-200-5222R (Contract) on March 1, 2003. The referenced contract is co-terminus with the Master Renewal Contract for the Cachuma Project and will expire on September 30, 2020. The Bureau of Reclamation requires a letter from the Board of Directors indicating interest in renewing the Contract. In addition, the Board is required to adopt a resolution for submittal to Reclamation. Attached is the proposed letter and Resolution No. 643 for Board approval and adoption, respectively.

**FISCAL IMPACTS:**

The fiscal impact includes staff time for fiscal year 2017-18.

**COMMITTEE STATUS:**

The Administrative Committee reviewed the Letter of Interest and forwards to the Board with a recommendation to approve and authorize the Board President to execute.

**RECOMMENDATION:**

The Board authorize the President of the Board to execute and send the proposed Letter of Interest to the United States Bureau of Reclamation; and adopt Resolution No. 643 supporting renewal of the Contract.

**LIST OF EXHIBITS:**

1. Proposed Letter of Interest
2. Resolution No. 643

Draft 07/17/17

July 24, 2017

Mr. David Murillo, Regional Director  
Mid-Pacific Region  
U. S. Bureau of Reclamation  
2800 Cottage Way, Room 3-1604  
Sacramento CA 95825-1898

Subject: **Request for Renewal of Transfer of the Operation and Maintenance of the Transferred Project Works – Cachuma Project, California Contract No. 14-06-200-5222R (O&M Contract)**

Dear Mr. Murillo:

The Cachuma Operation and Maintenance Board (COMB) and the United States Department of the Interior, Bureau of Reclamation (Reclamation), entered into the Transfer of Operation and Maintenance of the Cachuma Transferred Project Works Contract No. 14-06-200-5222R (O&M Contract or at times referred to as the "Transfer Agreement") on March 1, 2003. The O&M Contract is co-terminus with the Master Renewal Contract for the Cachuma Project Contract No. 175r-1802R (Renewal Master Contract), and will expire on September 30, 2020. By this letter, the COMB Board of Directors hereby respectfully requests that the O&M Contract be renewed for 25 years until September 30, 2045.

Please contact Ms. Janet Gingras, General Manager, by email at [jgingras@cachuma-board.org](mailto:jgingras@cachuma-board.org) or by phone at (805) 687-4011 x 201 to schedule future technical and/or negotiation sessions regarding the renewal of this Contract. The Cachuma Operation and Maintenance Board looks forward to continuing to work with the United States' Bureau of Reclamation.

Sincerely,

W. Douglas Morgan  
President of the Board of Directors  
Cachuma Operation and Maintenance Board

cc: Mr. Michael Jackson, P.E., Area Manager, USBR, 11243 N. Street, Fresno CA 93727  
Mr. Michael Labarre, Chief, Contracts Admin Branch, USBR, 1243 N. Street, Fresno CA 93727

**RESOLUTION NO. 643**

**RESOLUTION OF THE GOVERNING BOARD OF THE  
CACHUMA OPERATION & MAINTENANCE BOARD AUTHORIZING  
A LETTER OF INTEREST BE SENT TO  
THE UNITED STATES BUREAU OF RECLAMATION FOR RENEWAL OF THE  
TRANSFER OF OPERATION AND MAINTENANCE OF THE TRANSFERRED  
PROJECT WORKS CONTRACT – CACHUMA PROJECT, CALIFORNIA**

**WHEREAS**, the Cachuma Operation & Maintenance Board (“COMB”) is a joint powers authority and public entity, organized and existing in the County of Santa Barbara in accordance with Government Code Section 6500 et seq., and operating pursuant to the 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, dated May 23, 1996 (“Amended and Restated Agreement”), as amended by an Amendment to the Amended and Restated Agreement made effective September 16, 2003 (collectively the “Joint Powers Agreement”); and

**WHEREAS**, the Member Agencies of COMB consist of the City of Santa Barbara, the Goleta Water District, the Montecito Water District, Carpinteria Valley Water District (collectively herein the “South Coast Member Agencies”), and the Santa Ynez River Water Conservation District, Improvement District No. 1 (“ID No. 1”); and

**WHEREAS**, COMB operates and maintains Cachuma Project facilities pursuant to the Transfer of Operation and Maintenance Contract with the United States Bureau of Reclamation; and

**WHEREAS**, On March 1, 2003, the United States and the Cachuma Operation and Maintenance Board entered into renewal Contract No. 14-06-200-5222R, (“O & M Contract”), which provides for the transfer of Operation and Maintenance of the Transferred Project Works to the Governing Board; and

**WHEREAS**, the current O & M Contract expires on September 30, 2020 and it is deemed to be in the best interest of the Cachuma Operation and Maintenance Board to continue the Operation and Maintenance of the Transferred Project Works;

**NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF COMB:**

1. The Governing Board finds and determines that the facts set forth in the above recitals and in the documents referenced herein are true and correct.
2. The Governing Board approves and authorizes a letter of interest to be sent to the United States Bureau of Reclamation indicating the intention to re-negotiate and renew the O & M Contract prior to the expiration date.

**PASSED, APPROVED AND ADOPTED** by the Governing Board of the Cachuma Operation and Maintenance Board, this 24th day of July 2017, by the following roll call vote:

Ayes:

Nays:

Abstain:

**APPROVED:**

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President of the Governing Board

**ATTEST:**

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Secretary of the Governing Board

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	July 24, 2017
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

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**SUBJECT:**      **Selection of Bartlett, Pringle & Wolf, LLP to Perform Fiscal Year 2016-17 COMB Financial Audit**

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**SUMMARY:**

An independent audit report is required to be completed annually by the State Controller's office, COMB JPA agreement and by various other financial institutions and agencies. An independent audit assures a level of integrity and accountability for COMB's financial position and internal controls.

Starting with fiscal year 2016-17, the annual audit will consist of a more thorough and detailed review of COMB's financial records in order to produce a Comprehensive Annual Financial Report (CAFR). In addition, during fiscal year 2016-17, COMB received federal funds from two separate grant awards which fall under the single audit requirement.

In preparation for the June 30, 2017 fiscal year financial audit, attached is Bartlett, Pringle & Wolf, LLP's proposal for auditing services. Staff is extremely pleased with Bartlett, Pringle & Wolf, LLP's resultant work product and prompt completion of prior audits. The combined fee for the fiscal year 2016-17 CAFR audit and single audit requirement is \$25,000.

In addition to Bartlett, Pringle & Wolf, LLP, COMB staff contacted one additional CPA firm for a proposal for auditing services. The firm was not available to begin their fieldwork process until January 2018. In consideration of timing, consistency and continuity with the preparation of an initial CAFR, staff recommends engaging Bartlett, Pringle & Wolf, LLP to serve as COMB's outside auditor for Fiscal Year ending June 30, 2017. Staff acknowledges that Bartlett, Pringle & Wolf, LLP has served as COMB's external auditor for several years. To maintain objectivity and independence, Bartlett, Pringle & Wolf, LLP has rotated its Reviewing Partner assigned to COMB. Notwithstanding, following the completion of the initial CAFR, staff will undertake a formal RFP for auditing services for the Fiscal Year 2017-18 as required under California Assembly Bill 1345 which became effective with Fiscal Year 2013-14.

**FISCAL IMPACTS:**

The FY 2017-18 adopted budget contains funding for this item.

**COMMITTEE STATUS:**

The Administrative Committee has reviewed the proposal from Bartlett, Pringle & Wolf, LLP and forwards to the Board with a recommendation to approve.

**RECOMMENDATION:**

Board approve the proposal from Bartlett, Pringle & Wolf, LLP to perform the Fiscal Year 2016-17 COMB financial audit.

**LIST OF EXHIBITS:**

1. Engagement Letter – Bartlett, Pringle & Wolf, LLP



July 17, 2017

Cachuma Operation and Maintenance Board  
Janet Gingras  
3301 Laurel Canyon Road  
Santa Barbara, CA 93105

Dear Janet:

Bartlett, Pringle & Wolf, LLP ("BPW") appreciates the opportunity to work with you. To minimize the possibility of a misunderstanding between us, we are setting forth pertinent information about the services we will perform for you. This letter is to confirm our understanding of the terms and objectives of our engagement and the nature and limitations of the services we will provide.

You have requested that we audit the financial statements of Cachuma Operation and Maintenance Board (the District), which are comprised of the statement of net position as of June 30, 2017, and the related statements of revenue, expenses and changes in net position, and cash flows for the year then ended, and the related notes to the financial statements. We are pleased to confirm our acceptance and our understanding of this audit engagement by means of this letter.

We will also perform the audit of Cachuma Operation and Maintenance Board as of June 30, 2017 so as to satisfy the audit requirements imposed by the Single Audit Act and Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).

In addition to our report on the District's financial statements, we will also issue the following types of reports:

A report on the fairness of the presentation of the District's schedule of expenditures of Federal awards for the year ending June 30, 2017.

Reports on internal control related to the financial statements and major programs. These reports will describe the scope of testing of internal control and the results of our tests of internal controls.

Reports on compliance with laws, regulations and the provisions of contracts of grant agreements. We will report on any noncompliance which could have a material effect of the financial statements and any noncompliance which could have a direct and material effect on each major program.

A schedule of findings and questioned costs.



The Federal financial assistance programs and awards that you have told us that the Company participates in and that are to be included as part of the single audit are listed as follows:

- California Department of Fish and Wildlife: Fish Passage Improvement at Crossing 4, Quiota Creek – Award No. P15550010 (CFDA #11.438)
- California Department of Fish and Wildlife: Fish Passage Improvement at Crossing 0A and 0B, Quiota Creek – Award No. P1450014 (CFDA #11.438)

Accounting standards generally accepted in the United States of America call for certain required supplementary information (RSI) to accompany the basic financial statements. The Governmental Accounting Standards Board also considers this information a necessary part of financial reporting as it provides perspective to the basic financial statements. Therefore, as part of this engagement, we will apply limited procedures to the District's RSI in accordance with auditing standards generally accepted in the United States of America (GAAS). These limited procedures will primarily consist of inquiries of management regarding their methods of measurement and presentation. However, we will not express an opinion or provide any assurance on this RSI as our limited procedures do not provide us with sufficient evidence to do so under our professional standards. Consequently, the financial statements we present to you will include the following required RSI that will not be audited and, as such, our report will disclaim an opinion on this RSI:

- Management's Discussion and Analysis
- California Public Employees' Retirement System – Schedule of Cachuma Operation and Maintenance Board's Proportionate Share of the Net Pension Liability
- California Public Employees' Retirement System – Schedule of Cachuma Operation and Maintenance Board's Contributions
- Other Post-Employment Benefits (OPEB) Plan – Schedule of Funding Progress

We also understand the supplementary information other than RSI will accompany the District's basic financial statements. In accordance with GAAS, we will apply auditing procedures and other additional procedures deemed necessary to the following supplementary information accompanying the basic financial statements in order to provide an opinion on this information in relation to the financial statements as a whole:

- Supplemental Schedule of Operation and Maintenance, General and Administrative and Other Maintenance Expense

Our engagement will also include the preparation of the annual Special District Report to the State Controller for the year ended June 30, 2017.

### **Objective**

The objective of our audit is the expression of an opinion about whether your financial statements are fairly presented, in all material respects, in conformity with generally accepted accounting principles and to report on the fairness of the additional supplementary information referred to above when considered in relation to the financial statements taken as a whole.

The objective also includes reporting on:

- Internal control related to the financial statements and compliance with laws, regulation, and the provisions of contracts or grant agreements, noncompliance with which could have a material effect on the financial statements in accordance with Government Auditing Standards.
- Internal control related to major programs and an opinion (or disclaimer of opinion) on compliance with laws, regulations, and the provisions of the contracts or grant agreement that could have a direct or material effect on each major program in accordance with the Single Audit Act Amendments of 1996 and Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).

The reports on internal control and compliance are for information and use of the Board of Directors and will each include a paragraph that the purpose of the report is solely to describe the following: (1) the scope of testing of internal control over financial reporting and compliance and the result of that testing and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance, (2) the scope of testing internal control over compliance for major programs and major program compliance and the result of that testing and to provide an opinion on compliance but not to provide an opinion on the effectiveness of internal control over compliance, and (3) that the report is an integral part of an audit performed in accordance with Government Auditing Standards in considering internal control over financial reporting and compliance and the provisions of Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). in considering internal control over compliance and major program compliance. The paragraph will also state that the report is not suitable for any other purpose.

Our audit will be conducted in accordance with GAAS; the standards for financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States; the Single Audit Act Amendments of 1996 and the provisions of Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).

Our professional standards as defined by GAAS require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement and are fairly presented, in all material respects, in conformity with accounting principles generally accepted in the United States of America. As such, our audit will involve performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements and will include tests of the accounting records of the District, a determination of major program(s) in accordance with provisions of Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) and other procedures we consider necessary. The procedures we determine necessary will depend on our "auditor's" judgment and will be based, in part, on our assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. If our opinion is other than unqualified, we will fully discuss the reasons with you in advance. If, for any

reason, we are unable to complete the audit or form an opinion, we may disclaim an opinion or not issue a report.

### **Audit Procedures**

Our audit will involve performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements and will include tests of the accounting records of the District and other procedures we consider necessary. The procedures we determine necessary will depend on our "auditor's" judgment and will be based, in part, on our assessment of the risks of material misstatement of the financial statements, whether from errors, fraudulent financial reporting, misappropriations of assets, or violations of laws or governmental regulations that are attributable to the entity or to acts by management or employees acting on behalf of the entity. An audit also includes evaluating the appropriateness of accounting policies used, and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. If we deem it appropriate, our procedures will also include tests of documentary evidence supporting the transactions recorded in the accounts, may include tests of the physical existence of inventories, and will include direct confirmation of receivables and certain other assets and liabilities by correspondence with selected individuals, creditors, and financial institutions. As part of our audit process, we will request written representations from your attorneys, and they may bill you for responding. At the conclusion of our audit, we will also request certain written representations from you about the financial statements and related matters. These representations will include acknowledging our assistance with the preparation of your financial statements, the supplementary information, and notes accompanying these documents, and that you have reviewed and approved these documents, approved their release, and that you have accepted responsibility for them.

Because of the inherent limitations of an audit, together with the inherent limitations of internal control, an unavoidable risk exists that some material misstatements may not be detected by our firm, even though our audit is properly planned and performed in accordance with GAAS and Government Auditing Standards. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements. Since we plan and perform our audit in accordance with GAAS to obtain reasonable rather than absolute assurance about whether the financial statements are free of material misstatement, whether from errors, fraudulent financial reporting, misappropriations of assets, or violations of laws or governmental regulations that are attributable to the entity or to acts by management or employees acting on behalf of the entity; and because the determination of abuse is so subjective, Government Auditing Standards do not expect auditors to provide reasonable assurance regarding the detection of abuse. As required by the Single Audit Act Amendments of 1996 and the provisions of Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance), our audit will include tests of transactions related to major federal award programs for compliance with applicable laws and regulations and the provisions of contracts and grant agreements. Our procedures will be less in scope than what would be required to render an opinion on internal control and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to Government Accounting Standards. However, we will inform you of any material errors that come to our attention, and we will inform you, or the appropriate level of management, of any fraudulent financial reporting or misappropriation of assets that comes to our attention. We will also inform you of any violations of laws or governmental regulations that come

to our attention, unless clearly inconsequential. We will also include matters in the reports required for a Single Audit.

In making our risk assessments, we will consider internal controls relevant to the preparation and fair presentation of the District's financial statements in order to design audit procedures that are appropriate in the circumstances. However, our audit procedures are not designed for the purpose of expressing an opinion on the effectiveness of your internal control. In accordance with our professional standards, we will communicate in writing to the appropriate level of management and those charged with governance matters concerning any significant deficiencies or material weaknesses in internal control relevant to the audit of the financial statements that we identify during the audit.

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will also perform tests of the District's compliance with applicable laws and regulations and the provisions of contracts and agreements. However, the objective of our audit will not be to provide an opinion on overall compliance and we will not express such an opinion. Management maintains the responsibility for identifying and ensuring that the District complies with applicable laws, regulations, contracts, and other agreements.

In addition, the provisions of Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) requires that we also plan and perform the audit to obtain reasonable assurance about whether the client has complied with applicable laws and regulations and the provisions of contracts and agreements applicable to major programs. Our procedures, as such, will consist of the applicable procedures described in the U.S. Office of Management and Budget's (OMB) Compliance Supplement for the types of compliance requirements that could have a direct and material effect on each of the District's major programs. The purpose of these procedures will be to express an opinion on District's compliance with requirements applicable to major programs in our report on compliance issued pursuant to the provisions of Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).

Our responsibility as auditors is, of course, limited to the period covered by our audit and does not extend to any other periods.

Danna McGrew is the engagement partner for the audit services specified in this letter. Her responsibilities include supervising Bartlett, Pringle & Wolf's services performed as part of this engagement and signing or authorizing another qualified firm representative to sign the audit report.

### **Responsibilities of Management and Those Charged with Governance**

As part of our engagement, we may advise you about appropriate accounting principles and their application; however, the management of the District acknowledges and understands that the final responsibility for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America remains with you. This responsibility includes the financial statements, all accompanying information, and the representations that accompany them. Management's responsibilities also include identifying government award programs, understanding and complying with program requirements, and the

preparation of the schedule of expenditures of federal awards as required by the provisions of Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). As such, the management of the District is responsible for adjusting the financial statements to correct material misstatements and for confirming to us in the representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements taken as a whole. Other management responsibilities include maintaining adequate records, selecting and applying accounting principles, and safeguarding assets.

By your signature below, you also acknowledge that the management of the District is responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements, and all accompanying information, that are free from material misstatement, whether due to fraud or error. This responsibility includes the fair presentation in the financial statements of the respective financial position of the District and the respective changes in financial position and where applicable, cash flows, in conformity with accounting principles generally accepted in the United States of America. In addition, management is also responsible for having appropriate programs and controls in place to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the organization that involves management, employees who have significant roles in internal control, regulators, and others where fraud could have a material impact on the financial statements. The management of the District is also responsible for informing us of your knowledge of any allegations of fraud or suspected fraud affecting the District received in communications from employees, former employees, regulators, or others. In addition, you are responsible for identifying and ensuring that the District complies with applicable laws and regulations and for taking timely and appropriate actions to remedy any fraud, illegal acts, or violations of contracts and agreements. You agree that you will confirm your understanding of your responsibilities as defined in this letter to us in your representation letter.

Management is responsible for establishing and maintaining internal control and for compliance with the provisions of applicable laws, regulations, contracts, agreements, and grants. In fulfilling this responsibility, estimates and judgments by management are required to assess the expected benefits and related costs of the controls. The objectives of internal control are to provide management with reasonable, but not absolute, assurance that assets are safeguarded against loss from unauthorized use or disposition, that transactions are executed in accordance with management's authorizations and recorded properly to permit the preparation of financial statements in accordance with U.S. GAAP, and that federal award programs are managed in compliance with the provisions of applicable laws, regulations, contracts, agreements, and grants.

Management is also responsible for the preparation and fair presentation of the supplementary information in conformity with accounting principles generally accepted in the United States of America. You agree that you will confirm your understanding of your responsibilities with respect to the supplementary information in your representation letter. You further agree to include our report on the supplementary information in any document that contains and indicates that we have reported on such supplementary information.

Also, as required by the provisions of Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for

Federal Awards (Uniform Guidance), it is management's responsibility to follow up and take corrective action on reported audit findings and recommendations. This responsibility includes maintaining a summary of prior audit findings and recommendations and the corrective actions taken to address these issues; and for providing us with this information as part of our engagement. Management is also responsible to provide input on the current audit findings and recommendations, as well as management's planned corrective actions for these issues.

Management's responsibilities also include designating qualified individuals with the skill, knowledge, and experience to be responsible and accountable for overseeing financial statement preparation, tax services, and any other nonattest services we perform as part of this engagement, as well as evaluating the adequacy and results of those services and accepting responsibility for them.

You further acknowledge and understand that management is responsible for providing us with access to all information management is aware of that is relevant to the preparation and fair presentation of the financial statements such as records, documentation and other matters; for the accuracy and completeness of the information that is provided to us; and for informing us of events occurring or facts discovered subsequent to the date of the financial statements that may affect the financial statements. This responsibility also includes providing us with any additional information that we may request from management for the purpose of the audit; as well as allowing us unrestricted access to individuals within the organization from whom we may determine it necessary to obtain audit evidence, including access to your designated employees who will type all confirmations we request.

The District agrees that it will not include our reports, or otherwise make reference to us, in any public or private securities offering without first obtaining our permission. Any such request is also a matter for which separate arrangements will be necessary. After obtaining our permission, the District also agrees to provide us with printer's proofs or master of such offering documents for our review and approval before printing and with a copy of the final reproduced material for our approval before it is distributed. In the event our auditor/client relationship has been terminated when the District seeks our permission, we will be under no obligation to grant such permission or approval.

### **Written Report**

We expect to issue a written report upon completion of our audit of the District's financial statements. Our report will be addressed to the board of directors of the District. We cannot provide assurance that an unmodified opinion will be expressed on the financial statements. Circumstances may arise in which it is necessary for us to modify our opinion, add emphasis-of-matter or other-matter paragraphs, decline to express an opinion or withdraw from the engagement.

We will also provide a report (without an opinion) on internal control related to the financial statements and also regarding compliance with laws, regulations, and provisions of contracts and grant agreements, the noncompliance with which could have a material effect on the financial statements as required by Government Auditing Standards. Our report on internal control and compliance will include a statement that the report is intended solely for the information and use of management, those charged with governance, and specific legislative or regulatory bodies and is not intended to be and should not be used by anyone else. If during our audit we become aware that Cachuma Operation and Maintenance Board is subject to an audit requirement not addressed by this engagement, we will communicate to management and those charged with governance that this engagement may not meet the legal, regulatory, or contractual requirements.

We will also provide a report (without an opinion) on Internal control related to major programs and an opinion (or disclaimer of opinion) on compliance with laws, regulations, and the provisions of the contracts or grant agreement that could have a direct or material effect on each major program in accordance with the Single Audit Act Amendments of 1996 and Subpart F of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).

### **Other Matters**

At the conclusion of our engagement, we will complete the appropriate sections of and sign the Data Collection Form that summarizes our audit findings. It is management's responsibility to submit the reporting package (including financial statements, schedule of expenditures of federal awards, summary schedule of prior audit findings, auditors' reports, and a corrective action plan) along with the Data Collection Form to the designated federal clearinghouse and, if appropriate, to pass-through entities. The Data Collection Form and the reporting package must be submitted within the earlier of 30 days after receipt of the auditors' reports or nine months after the end of the audit period, unless a longer period is agreed to in advance by the cognizant or oversight agency for audits.

Our fees for these services will be based on the actual time spent at our standard hourly rates, plus travel and other out-of-pocket costs, such as report production, typing, and postage. Our standard hourly rates vary according to the degree of responsibility involved and the experience level of the personnel assigned to your audit. Billings become delinquent if not paid within 30 days of the invoice date. If billings are past due in excess of 90 days, at our election, we may stop all work until your account is brought current, or withdraw from this engagement. The District acknowledges and agrees that we are not required to continue work in the event of the District's failure to pay on a timely basis for services rendered as required by this engagement letter. The District further acknowledges and agrees that in the event we stop work or withdraw from this engagement as a result of the District's failure to pay on a timely basis for services rendered as required by this engagement letter, we shall not be liable for any damages that occur as a result of our ceasing to render services. Our fees for this audit will be approximately \$25,000. That estimate is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

In addition, you further agree that in the event our firm or any of its employees or agents is called as a witness or requested to provide any information whether oral, written, or electronic in any judicial, quasi-judicial, or administrative hearing or trial regarding information or communications that you have provided to this firm, or any documents and workpapers prepared by Bartlett, Pringle & Wolf, LLP in accordance with the terms of this agreement, you agree to pay any and all reasonable expenses, including fees and costs for our time at the rates specified in our engagement letter, as well as any legal or other fees that we incur as a result of such appearance or production of documents.

It is our policy to keep records related to this engagement for seven years. However, Bartlett, Pringle & Wolf, LLP does not keep any original client records, so we will return those to you at the completion of the services rendered under this engagement. When records are returned to you, it is your responsibility to retain and protect your records for possible future use, including potential examination by government or regulatory agencies.

By your signature below, you acknowledge and agree that upon the expiration of the seven-year period, Bartlett, Pringle & Wolf, LLP shall be free to destroy our records related to this engagement.

If any dispute arises among the parties hereto, the parties agree to first try in good faith to settle the dispute by mediation administered by the American Arbitration Association under its applicable rules for resolving professional accounting and related services disputes before resorting to litigation. The costs of any mediation proceeding shall be shared equally by all parties.

Client and accountant both agree that any dispute over fees charged by the accountant to the client will be submitted for resolution by arbitration in accordance with the applicable rules for resolving professional accounting and related services disputes of the American Arbitration Association, except that under all circumstances the arbitrator must follow the laws of California. Such arbitration shall be binding and final. In agreeing to arbitration, we both acknowledge that, in the event of a dispute over fees charged by the accountant, each of us is giving up the right to have the dispute decided in a court of law before a judge or jury and instead we are accepting the use of arbitration for resolution. The prevailing party shall be entitled to an award of reasonable attorneys' fees and costs incurred in connection with the arbitration of the dispute in an amount to be determined by the arbitrator.

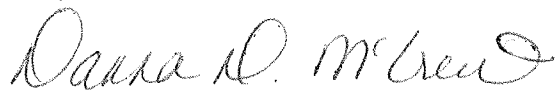
In accordance with Government Audit Standards, we have attached to this letter a copy of our most recent external peer review report dated December 13, 2013.

We will be pleased to discuss this letter with you at any time.

If the foregoing is in accordance with your understanding, please sign this letter in the space provided and return it to us.

Very truly yours,

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



Danna D. McGrew  
Partner

DDM/jf  
Enclosure

Approved:

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Signature





CliftonLarsonAllen

CliftonLarsonAllen LLP  
www.cliftonlarsonallen.com

## SYSTEM REVIEW REPORT

To the Partners of Bartlett, Pringle & Wolf LLP  
and the Peer Review Committee of the  
California Society of Certified Public Accountants

We have reviewed the system of quality control for the accounting and auditing practice of Bartlett, Pringle & Wolf LLP (the firm) in effect for the year ended September 30, 2013. Our peer review was conducted in accordance with the Standards for Performing and Reporting on Peer Reviews established by the Peer Review Board of the American Institute of Certified Public Accountants. As a part of our peer review, we considered reviews by regulatory entities, if applicable, in determining the nature and extent of our procedures. The firm is responsible for designing a system of quality control and complying with it to provide the firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Our responsibility is to express an opinion on the design of the system of quality control and the firm's compliance therewith based on our review. The nature, objectives, scope, limitations of, and the procedures performed in a System Review are described in the standards at [www.aicpa.org/prsummary](http://www.aicpa.org/prsummary).

As required by the standards, engagements selected for review included engagements performed under *Government Auditing Standards* and audits of employee benefit plans.

In our opinion, the system of quality control for the accounting and auditing practice of Bartlett, Pringle & Wolf LLP in effect for the year ended September 30, 2013, has been suitably designed and complied with to provide the firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Firms can receive a rating of *pass*, *pass with deficiency(ies)*, or *fail*. Bartlett, Pringle & Wolf LLP has received a peer review rating of **pass**.

*CliftonLarsonAllen LLP*

CliftonLarsonAllen LLP

Charlotte, North Carolina  
December 11, 2013

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	July 24, 2017
Approved by:	Janet Gingras

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**SUBJECT: Ordinance No. 3 - Director Compensation**

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**SUMMARY:**

The Cachuma Operation and Maintenance Board (COMB) Directors are compensated for the service they provide in official capacities. Specifically, Ordinance No. 2 adopted in 2004 provides for Directors' fees and mileage allowance for attendance at COMB Board meetings and COMB Committee meetings. The current compensation amount is set at \$128 per meeting for each Director and his/her alternate. The current mileage allowance for a Director or his/her alternate is set at the adjusted Internal Revenue Service allowable travel expense reimbursement mileage rate as it may be set from time-to-time.

California Water Code (Water Code) Section 20202 provides for annual updates to Director compensation in an amount not to exceed 5% for each year that has elapsed since compensation was previously increased. The Water Code also limits compensation to ten (10) days per month and one meeting per day. Accordingly, listed below are two options for consideration:

- **Option 1: No change to existing compensation.** Compensation would remain \$128 per meeting.
- **Option 2: Incremental increase up to 65%.** The maximum compensation increase is 5% for each year since the prior effective Ordinance. Because there have been no increases since 2004, the maximum increase allowed is 65% which equates to compensation of \$211 per meeting for 2017-18. An incremental percentage increase less than the maximum could be selected at the Board's discretion; however, the underutilized percentage increase allowable could not be factored into the Board's decision in future years.

No action is necessary to implement Option 1. Option 2 requires the Board to adopt an Ordinance (No. 3)(attached) amending the previous adopted Ordinance No.2. Prior to considering the amended Ordinance, advance notice of a public hearing at which the Ordinance will be considered must be published in a newspaper for two successive weeks. Those notifications were published in the Santa Barbara Newspress on July 13<sup>th</sup> and July 19<sup>th</sup>, 2017. A 60-day waiting period is required after the Ordinance is adopted by the Board for the change in compensation to become effective. Consequently, if the Ordinance is adopted at the July Board meeting, the increase to Director Compensation would become effective September 25<sup>th</sup>, 2017.

To assist with the discussion, staff reached out to various COMB Member Units and inquired as to their respective policy. The following information was received.

Agency	Amount	Increment
Goleta	\$220	Per Day
Montecito	\$140	Per Day
Carpinteria	\$100	Per Day
Average	\$153	Per Day

Staff provides the following for Board discussion and possible approval:

1. No change to existing compensation.
2. Increase the allowance for Director Compensation from \$128 to \$150 per meeting for each Director and his/her alternate.
3. The current mileage allowance, which is set at the adjusted Internal Revenue Service allowable travel expense reimbursement rate, is to remain unchanged. The mileage would be calculated from District office to the required meeting location.

**FISCAL IMPACTS:**

COMB's budget provides for annual expenses related to Directors compensation. The proposed change to Director Compensation would not affect the budgeted line item.

**LEGAL CONCURRENCE:**

Legal Counsel has reviewed the necessary procedures to implement a change to Director Compensation.

**COMMITTEE STATUS:**

The Administrative Committee has reviewed and forwards the proposed change to Director Compensation to the Board with a recommendation to approve.

**RECOMMENDATION:**

The Board discuss the proposed change to Director Compensation and if amenable, adopt Ordinance No. 3 supporting a change in Director Compensation.

**LIST OF EXHIBITS:**

- 1) Proposed Ordinance No. 3
- 2) Proof of Publication

**ORDINANCE NO. 3**

**ORDINANCE OF THE GOVERNING BOARD  
OF THE CACHUMA OPERATION AND MAINTENANCE BOARD  
AMENDING ORDINANCE NO. 2  
FIXING THE COMPENSATION OF DIRECTORS OF THE BOARD  
PURSUANT TO SECTIONS 20200 THROUGH 20207 OF THE WATER CODE**

**RECITALS**

- A. Sections 20200 through 20207 of the Water Code of the State of California provide for an alternate method by which members (Directors) of the Governing Board may be compensated for their work and services in carrying out their duties as Directors and in carrying out the business of the Cachuma Operation and Maintenance Board.
- B. The Governing Board has, by adoption of Ordinance No. 2 on January 26, 2004, elected to fix the compensation of its Directors pursuant to Water Code Sections 20200 through 20207.
- C. The Governing Board has by the adoption of this Ordinance elected to amend Ordinance No. 2.
- D. Notice of a Public Hearing as a part of the Governing Board's regular meeting held on July 24, 2017 was published pursuant to Section 6066 of the Government Code and Section 20207 of the Water Code.
- E. Proof of Publication of said Notice in the Santa Barbara News-Press on July 13, 2017 and July 19, 2017 has been filed with the records of the regular meeting held on July 24, 2017.
- F. The Public Hearing on the adoption of this Ordinance was held on July 24, 2017 prior to the adoption of this Ordinance as required by Section 20203 of the Water Code.

**BE IT ORDAINED by the Governing Board of the Cachuma Operation and Maintenance Board, Paragraph 1 is amended to read as follows:**

- 1. As provided in Water Code Section 20201, the compensation of each member of the Governing Board shall be the sum of \$\_\_\_\_\_ for each day of attendance at a regular or special meeting of the Board of Directors, or for each day's service rendered as a member of the Board by request of the Board.

The compensation fixed by this Ordinance shall be for no more than a total of ten (10) days in any calendar month.

- 2. As provided in Water Code Section 30507, each Director shall be reimbursed for any

expenses incurred in the performance of any duty required or authorized by the Governing Board, in addition to the compensation provided for in Section 1 above.

3. This Ordinance repeals any prior action of this Board providing for any automatic increases in the compensation of the Board, as of the effective date of this Ordinance.
4. This Ordinance shall be effective sixty (60) days following its adoption.
5. This Ordinance shall be published one time within ten (10) days following its adoption.

**PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board on this 24th day of July, 2017 by the following vote:**

**AYES:**

**NAYS:**

**ABSTAIN:**

**ABSENT:**

[SEAL]

APPROVED

\_\_\_\_\_  
President of the Board

ATTEST:

\_\_\_\_\_  
Secretary of the Board

**SANTA BARBARA NEWS PRESS  
Proof of Publication  
(2015.5C.C.P)**

**Superior Court of  
the State of California  
In and For The County of Santa Barbara**

**In the Matter of:**

**Legal 52443  
Ad# 3933908**

**Notice**

**The undersigned, being the principal clerk of the printer of the Santa Barbara News Press, a newspaper of general circulation, printed and published daily in the City of Santa Barbara, County of Santa Barbara, California and which newspaper has been adjudged a newspaper of general circulation by the Superior Court in the County of Santa Barbara, State of California, Adjudication Number 47171; and that affiant is the principal clerk of said Santa Barbara News Press. That the printed notice hereto annexed was published in the SANTA BARBARA NEWS-PRESS, in the issues of the following named dates**

**July 13, 19, 2017**

**all in the year 2017, I hereby certify (or declare) under penalty of perjury that the foregoing is true and correct.**

**Executed on this 19<sup>th</sup> of July, 2017 at Santa Barbara, CA**

*P. Matsumaru*

**P. Matsumaru**

**NOTICE OF PUBLIC HEARING**

**NOTICE IS HEREBY GIVEN** that the Governing Board of the Cachuma Operation and Maintenance Board will hold its regular meeting at 2:00 p.m. on July 24, 2017 at its office located at 3301 Laurel Canyon Road, Santa Barbara, CA.

As part of said meeting, the Board will hold a public hearing prior to the adoption of an ordinance pursuant to Water Code Sections 20200 through 20207 to establish the compensation of Board members in accordance with the provisions of said Water Code Sections.

This Notice is given and published under the provisions of Water Code Section 20203 and Government Code Section 6066.

Dated: 7/11/17  
Cachuma Operation and Maintenance Board  
By Janet Gingras, Secretary and General Manager

July 13, 19/2017--52443

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	July 24, 2017
Submitted by:	Janet Gingras

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**SUBJECT:** Ratification of HDR Engineering, Inc. Professional Services Agreement for Fisheries Division Consultant Services – Fiscal Year 2017-18

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**SUMMARY:**

Scopes of Work for Fisheries Division consultants are drafted, reviewed and incorporated into the annual COMB budget prior to execution of the corresponding Professional Services Agreements. Consultants assist COMB staff to implement compliance measures within the Cachuma Project Biological Opinion (2000), Lower Santa Ynez River Fish Management Plan (2000), and Biological Assessment (1999 and 2000) and EIR/EIS (2004). Consultant tasks are developed in the Scopes of Work and carefully managed to assure timely delivery of the requested work product.

At the June 2017 regular Board meeting, it was suggested that the HDR Engineering, Inc. Professional Services Agreement be brought before the Board for ratification. Attached is the referenced contract, scope of work and affiliated task order presented for Board ratification.

**FINANCIAL IMPACT:**

The expenditures for the Fisheries Division Professional Services are reflected in the adopted Fiscal Year 2017-18 COMB Operating Budget.

**RECOMMENDATION:**

The Board ratify the HDR Engineering, Inc. Professional Services Agreement for Fiscal Year 2017-18 as presented.

**LIST OF EXHIBITS:**

1. HDR Engineering, Inc. Professional Services Agreement

# PROFESSIONAL SERVICES AGREEMENT

## CACHUMA OPERATION & MAINTENANCE BOARD

3301 Laurel Canyon Road  
Santa Barbara, CA 93105-2017  
Telephone (805) 687-4011 - FAX (805) 569-5825

Important terms of this **Professional Services Agreement** are printed on the following pages. For your protection, make sure that you read and understand all provisions before signing. The terms and conditions are incorporated in this document and will constitute a part of the contract between the parties when signed.

**TO: HDR Engineering, Inc.**  
4717 97<sup>th</sup> Street N.W.  
Gig Harbor, WA 98332  
(253) 858-5262  
[Mike.Garello@hdrinc.com](mailto:Mike.Garello@hdrinc.com)

**DATE: July 1, 2017**

**PSA # 17-18-01**

Cachuma Operation & Maintenance Board (“COMB”) retains **HDR Engineering, Inc.** (Consultant), and Consultant agrees to provide services per its attached Task Order (incorporated herein) dated July 1, 2017.

Contract Price: \$ 155,800.00 (Time and Materials, Maximum Not-to-Exceed)  
Completion Date: June 30, 2018

**Instructions:** Please sign and return both originals along with the appropriate insurance documentation. Upon acceptance by the Cachuma Operation & Maintenance Board, a copy will be signed by its authorized representative, and promptly returned to you. Insert below the names of your authorized representatives.

**Accepted: Cachuma Operation & Maintenance Board, a Joint Powers Agency**

**Consultant:**

HDR Engineering, Inc.  
(Business Name)

By: \_\_\_\_\_  
Title: General Manager  
Other authorized representatives:  
Tim Robinson, Sr. Resources Scientist  
\_\_\_\_\_

By: \_\_\_\_\_  
Title: \_\_\_\_\_  
On-site representatives:  
\_\_\_\_\_  
\_\_\_\_\_



# CACHUMA OPERATION & MAINTENANCE BOARD

## PROFESSIONAL SERVICES AGREEMENT

### TERMS AND CONDITIONS

**Scope of Services** - Consultant shall provide professional services to COMB, in accordance with its attached proposal, in a diligent and professional manner. Consultant warrants that its services shall be performed, within the limits prescribed by COMB, in a manner consistent with the level of care and skill ordinarily exercised by other professionals in similar circumstances at the time its services are performed.

**Task Orders** - If Consultant proposes to engage in one or more separate Task Orders, then the parties shall approve each such Task Order with a mutually-agreed upon scope of work attached as Exhibit "A" thereto. Each Task Order shall include a description of the services to be performed by Consultant, a maximum not-to-exceed cost to complete the services, the schedule for performance, and other terms and conditions the parties deem appropriate. No Task Order shall be binding or enforceable unless and until it has been properly approved and executed by both parties. Each properly executed Task Order shall become a separate supplemental agreement to this Agreement, and subject to all of the terms of this Agreement unless otherwise noted in the Task Order. It is agreed that the parties are not required pursuant to this Agreement to enter into a minimum number of, or any, Task Orders.

**Term of Agreement** - Unless otherwise earlier terminated as specified elsewhere herein, this Agreement shall commence on the date first set forth above, and shall expire on the completion date set forth above.

**Authorized Representatives** - Consultant shall not accept direction or orders from any person other than COMB's General Manager or any COMB authorized representative(s) listed on the signature page hereto.

#### **Payment Terms -**

A. Consultant shall provide professional services on a time and materials basis, in accordance with Consultant's fees and costs schedule attached to its proposal or Task Order, for the maximum not-to-exceed amount stated herein or in the Task Order. The maximum not-to-exceed amount shall include all fees, costs and expenses to be paid to Consultant.

B. Invoices shall be submitted to COMB on a monthly basis. Invoices shall include the categories of Consultant's employees who perform services, the number of hours spent performing services, a description of the services, the hourly rate for each employee and the total compensation earned for that month. Upon COMB's request, Consultant shall include with the invoice a detailed verification, including accounting records and employee time records, of the work actually performed and costs incurred.

C. COMB shall pay Consultant within thirty (30) days after receipt of Consultant's

invoices, with the exception of any disputed amount(s) which may be withheld until resolution of the dispute. If COMB has reasonable grounds for believing that Consultant will be unable to materially perform the services under this Agreement or any Task Order, or there exists or may exist a claim against Consultant or COMB arising out of the negligence or intentional acts of Consultant or Consultant's material breach of any provision of this Agreement, then COMB may withhold payment of any amount payable to Consultant which is directly related to such negligence or breach.

D. No payment made pursuant to this Agreement shall be conclusive evidence of Consultant's performance of the Agreement, either wholly or in part, and no payment shall be construed to be an acceptance of Consultant's work.

**Changes To Work, Method, Cost, etc.** - Any change in the scope of work, method of performance, nature of materials or price thereof, or any other matter materially affecting the performance or nature of the work, will not be paid for or accepted unless such change, deletion or addition is approved in advance, in writing, or by a supplemental or amended Task Order executed by COMB's General Manager or authorized representative listed hereto.

**Independent Contractor** - The parties, in the performance of services under this Agreement, will be acting in an independent contractor relationship and not as agents, employees, or partners of one another. It is the express intention of the parties that Consultant is an independent contractor and not COMB's employee; and that the employees of Consultant, and any of Consultant's sub-consultants and their respective employees, are not COMB employees and are not entitled to any of the rights, benefits or privileges attributable to COMB employees. Consultant shall have control of the means, methods and details of performance of its work and services and shall only be subject to the general direction and supervision of COMB's General Manager or other authorized representative as set forth above to ensure the results contracted for are achieved.

**Writings And Reports** - Consultant agrees that no drafts, writings, reports, records, notes, data, work product, graphics, lists, images, information or communications (collectively "writings") developed, prepared or assembled by Consultant pursuant to this Agreement, or any information made available to Consultant by COMB, shall be revealed, disseminated, or made available by Consultant to any third party without the prior written consent of COMB, unless otherwise required by subpoena or applicable law.

#### **Termination of Agreement -**

A. Termination Without Cause. COMB at any time may terminate this Agreement or any Task Order for any reason, without cause and without penalty, upon providing to Consultant thirty (30) days' prior written notice of such termination. Such termination shall not relieve COMB from responsibility for payment for services rendered by Consultant prior to the date of termination, but shall relieve COMB of its obligations for full payment of compensation due under this Agreement or a Task Order for Consultant's services rendered after the notice of termination.

B. Termination With Cause. COMB may terminate this Agreement or any Task Order for cause, effective immediately upon providing written notice to Consultant, based upon the occurrence of any of the following events: (1) material breach of this Agreement, Task Order or Task by

Consultant; (2) abandonment or lack of diligence in performance of the work by Consultant; (3) cessation, revocation or expiration of any license needed by Consultant to provide services hereunder; (4) failure of Consultant to substantially comply with any federal, state or local law or regulation applicable to the work hereunder; (5) filing by or against Consultant of any petition under any law for relief of debtors; and (6) conviction of Consultant or its principal representative or personnel of any crime other than minor traffic offenses.

C. Reletting of Work. In the event of termination as provided in this section, COMB without penalty may relet the work to another Consultant or perform such work itself.

**Completed Work** - In the event of completion or early termination of this Agreement, Consultant shall at COMB's request promptly surrender and turn over to COMB all completed work, work in progress, and all writings (as defined in the preceding paragraph) developed, prepared, assembled or acquired by Consultant during the performance of its services hereunder. Consultant may retain copies of its work product as a part of Consultant's record of professional activity. COMB acknowledges that its use of any incomplete work shall be at its own risk.

**Examination of Records** - Consultant agrees that COMB shall have access to and the right to examine at any reasonable time and on reasonable notice Consultant's writings, documents, papers and records, including accounting records, relating to or involving this Agreement.

**Indemnification** - To the fullest extent permitted by law, Consultant shall defend, indemnify and hold COMB and its Governing Board members, officers, employees and agents from and against:

A. All claims, damages, lawsuits, actions, costs, expenses, losses or liabilities (including reasonable attorneys' fees and costs incurred in litigation) (hereinafter collectively "claims") of any persons which arise out of, pertain to, or relate to the negligence, recklessness or willful misconduct of Consultant, or its sub-consultants or others for whom Consultant is legally liable, in the performance (or actual or alleged nonperformance) of professional services under this Agreement. Consultant's obligations regarding COMB's defense under this paragraph shall include only the reimbursement of COMB's reasonable defense costs incurred to the extent of Consultant's judicially determined negligence.

B. Other than in the performance of professional services, all claims arising out of the performance of services or furnishing of materials, including but not limited to claims by the Consultant or its employees or sub-consultants or their employees for damages to persons or property, to the extent and in proportion of Consultant's negligence, recklessness or willful misconduct related to services under this Agreement.

C. All actions, proceedings, damages, costs, expenses, penalties, fines, or liabilities, in law or equity, of every kind and nature whatsoever, arising out of, resulting from, or on account of any violation by Consultant of any applicable federal, state or local governmental law or regulation related to services under this Agreement.

D. Submission of insurance certificates or other proof of insurance shall not relieve Consultant from liability under these provisions. Consultant's indemnification obligations herein shall apply

whether or not Consultant's insurance policies shall have been determined to apply to any such claims. These indemnification obligations shall survive the expiration or termination of this Agreement or any Task Order.

**Laws, Regulations and Permits** – Consultant, at its expense, shall give all notices and obtain all permits required by law and comply with all laws, ordinances, rules and regulations pertaining to the conduct of the work. Consultant shall be liable for all violations of the law in connection with work furnished by Consultant. If Consultant observes that the drawings or specifications are at variance with any law or ordinance, rule or regulation, he/she shall promptly notify the COMB engineer in writing and any necessary changes shall be made by written instruction or change order. If Consultant performs any work knowing it to be contrary to such laws, ordinances, rules or regulations and without giving notice to COMB, Consultant shall bear all costs arising therefrom.

**Safety** - Consultant shall execute and maintain his/her work so as to avoid injury or damage to any person or property. In carrying out his/her work, Consultant shall at all times exercise all necessary precautions for the safety of employees appropriate to the nature of the work and the conditions or requirements under which the work is to be performed, and shall be in compliance with all applicable federal, state and local statutory and regulatory requirements including California Department of Industrial Relations (Cal/OSHA) regulations.

**Liability Insurance** - Consultant shall provide and maintain at all times during the performance of the services under this agreement, the following commercial general liability, professional liability and automobile liability insurance:

**Coverage** - Coverage shall be at least as broad as the following:

- a. Coverage for Professional Liability appropriate to the Consultant's profession covering Consultant's negligent actions, errors or omissions. The retroactive date (if any) is to be no later than the effective date of this agreement.
- b. Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 0001) or insurer's equivalent.
- c. Insurance Services Office (ISO) Business Auto Coverage (Form CA 0001), covering Symbol 1 (any auto).

**Limits** - The Consultant shall maintain limits no less than the following:

1. Professional Liability - One million dollars (\$1,000,000) per claim and annual aggregate.
2. General Liability - One million dollars (\$1,000,000) per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit or products-completed operations aggregate limit is used, either the general aggregate

limit shall apply separately to the project/location (with the ISO CG 2503 or ISO CG 2504, or insurer's equivalent endorsement provided to COMB or the general aggregate limit and products-completed operations aggregate limit shall be twice the required occurrence limit.

3. Automobile Liability - One million dollars (\$1,000,000) for bodily injury and property damage each accident limit.

**Required Provisions** - The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. COMB, its Governing Board members, officers, employees and agents are to be given insured status (via ISO endorsement CG 2010, CG 2033, or insurer's equivalent for general liability coverage) as respects: liability arising out of the activities performed by or on behalf of Consultant; products and completed operations of Consultant; premises owned, occupied or used by the Consultant; and automobiles owned, leased, hired or borrowed by Consultant. The coverage shall contain no special limitations on the scope of protection afforded to COMB, its Governing Board members, officers, employees, or agents.
2. For any claims related to the project, Consultant's insurance shall be primary insurance as respects COMB, its Governing Board members, officers, employees, or agents. Any insurance, self-insurance, or other coverage maintained by COMB, its Governing Board members, officers, employees, or agents shall not contribute to it.
3. Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage provided to COMB, its Governing Board members, officers, employees, or agents.
4. Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. Each insurance policy required by this agreement shall state, or be endorsed to state, that coverage shall not be canceled by the insurance carrier or Consultant, except after thirty (30) days (10 days for non-payment of premium) prior written notice by U.S. mail has been given to COMB.

Such liability insurance shall indemnify Consultant and his/her sub-consultants against loss from liability imposed by law upon, or assumed under contract by, Consultant or his/her sub-consultants for damages on account of such bodily injury (including death), property damage, personal injury, completed operations, and products liability.

The general liability policy shall cover bodily injury and property damage liability, owned and non-

owned equipment, blanket contractual liability, completed operations liability, explosion, collapse, underground excavation, and removal of lateral support.

The automobile liability policy shall cover all owned, non-owned, and hired automobiles.

All of the insurance shall be provided on policy forms and through companies satisfactory to COMB.

**Deductibles and Self-Insured Retentions** - Any deductible or self-insured retention must be declared to and approved by COMB.

**Acceptability of Insurers** - Insurance is to be placed with insurers having met current A.M. Best rating of no less than A-:VII or equivalent or as otherwise approved by COMB.

**Workers' Compensation Insurance** - By his/her signature hereunder, Consultant certifies that he/she is aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and he/she will comply with such provisions before commencing the performance of the work of this agreement.

**Workers' Compensation and Employer's Liability Insurance** - Consultant and all sub-consultants shall cover or insure under the applicable laws relating to workers' compensation insurance, all of their employees employed directly by them or through sub-consultants in carrying out the work contemplated by this Agreement or any Task Order, in accordance with the "*Workers' Compensation and Insurance Act*," Division IV of the Labor Code of the State of California and any Acts amendatory thereof. Consultant shall provide employer's liability insurance in the amount of at least \$1,000,000 per accident, \$1,000,000 disease policy limit, and \$1,000,000 disease each employee.

**Evidences of Insurance** - Prior to execution of the agreement, Consultant shall file with COMB a certificate of insurance (Acord Form 25-S or equivalent) signed by the insurer's representative evidencing the coverage required by this Agreement. Such evidence shall include an additional insured endorsement signed by the insurer's representative. Such evidence shall also include confirmation that coverage includes or has been modified to include Required Provisions 1 through 5.

Consultant shall, upon demand of COMB, deliver to COMB such policy or policies of insurance and the receipts for payment of premiums thereon.

**Continuation of Coverage** – If any of the required coverages expire during the term of this Agreement, Consultant shall deliver the renewal certificate(s) including the general liability additional insured endorsement to COMB at least ten (10) days prior to the expiration date.

**Sub-consultants** - In the event that Consultant employs other consultants (sub-consultants) as part of the services covered by this Agreement, it shall be Consultant's responsibility to require and confirm that each sub-consultant meets the minimum insurance requirements specified herein.

**Notices** - All notices, requests, demands and other communications under this Agreement shall be in writing and shall be deemed to have been duly given on the date of service if personally served or on the second day after mailing if mailed by first-class mail, registered or certified, return receipt requested, postage prepaid and properly addressed to the signatories of the parties as set forth above. Any party may change their address for the purpose of this paragraph by giving the other party written notice of the new address in the above manner.

**Anti-Discrimination** - Consultant shall not exclude from its employment in the performance of this Agreement any person on the grounds of race, creed, color, sex, age, marital status, sexual orientation or place of national origin. Consultant shall comply with all applicable local, state and federal laws relating to equal employment opportunity rights.

**No Assignment** - This Agreement is for personal services. Consultant shall not assign its duties or obligations hereunder without the prior written consent of COMB, which may be withheld by COMB for any reason in its sole discretion.

**No Waiver** - No failure by COMB in asserting any of its rights or remedies as to any default of Consultant shall operate as a waiver of the default, or any subsequent or other default by Consultant, or of any of COMB's rights or remedies. No such delay shall deprive COMB of its right to institute and maintain any actions or proceedings which may be necessary to protect, assert, or enforce any rights or remedies arising out of this Agreement or the performance thereof.

**Partial Invalidity** - If any term, covenant, condition or provision of this Agreement is found by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the provisions herein shall remain in full force and effect and shall not be affected, impaired or invalidated thereby.

**Integration** - No alteration or variation of the terms of this Agreement shall be valid unless made in writing and signed by the parties. No oral understanding or agreement not incorporated herein shall be binding on any of the parties.

**California Law** - This Agreement shall be interpreted and construed pursuant to the laws of the State of California. Any dispute between the parties shall be filed and heard in a court of competent jurisdiction in the County of Santa Barbara.

**COMB Employees** - Consultant agrees that no employee of COMB shall be employed by Consultant during the period this Agreement is in effect.

**This Professional Services Agreement shall become a valid contract only when accepted by Consultant, and subsequently by COMB, and together with the Consultant's Proposal shall constitute the entire agreement between the parties, with the terms, conditions and definitions set forth in this eight-page document governing and controlling the enforcement of that contract.**

**TASK ORDER  
HDR Engineering, Inc.**

Task Order No.: HDR-FDC-FY17/18 – 1

Date: July 1, 2017

**Cachuma Operation and Maintenance Board**

This Task Order No. HDR-FDC-FY17/18 – 1 is issued pursuant to our Professional Services Agreement dated July 1, 2017 and unless otherwise specified herein, the performance of services hereunder and the payment therefore shall be subject to the terms and conditions of said Agreement. The services authorized hereunder are described below.

**DESCRIPTION OF SERVICES:** See Exhibit A, attached Period of Performance and Scope of Work

**ESTIMATE OF TIME SCHEDULE:** Starting Date: July 1, 2017  
Completion Date: June 30, 2018

**CONSULTANT’S REPRESENTATIVE:** Mike Garello

**CLIENT’S REPRESENTATIVE:** Janet Gingras (COMB General Manager)

**ACCEPTED:**

**HDR Engineering, Inc.**

**Cachuma Operations and  
Maintenance Board**

By: \_\_\_\_\_ By: \_\_\_\_\_

Title: \_\_\_\_\_ Title: \_\_\_\_\_

Date: \_\_\_\_\_ Date: \_\_\_\_\_



**HDR Engineering, Inc.**  
**Cachuma Project Fisheries Assistance**

**Exhibit A**

**Period of Performance and Scope of Work**  
**Fiscal Year 2017-2018**  
**July 1, 2017 through June 30, 2018**

**I. Period of Performance**

The following scope of work is to be completed by HDR Engineering within the Fiscal Year beginning July 1, 2017 and ending June 30, 2018 (FY 2017-2018, or FY18).

**II. Scope of Work FY 2017-2018**

**Task 1: BO/FMP implementation and technical support      Task Estimated Cost: \$ 4,000**

This task provides support for actions outlined in the Cachuma Project Biological Opinion (BO) and Lower Santa Ynez River Fish Management Plan (FMP).

Task 1.1 BO/FMP Compliance Tasks and Support      *Estimated Cost: \$ 1,000*

HDR Engineering will provide assists as needed with the ongoing BO/FMP compliance and implementation efforts. This may include technical and analytical support and review of the fisheries monitoring programs and any proposed study plans.

Task 1.2 Fisheries monitoring program support      *Estimated Cost: \$ 3,000*

HDR Engineering will review, evaluate, and develop technical elements of fish passage and fisheries related monitoring programs being implemented by COMB. Activities are anticipated to include: background research; program monitoring and design descriptions; and concept schematics. Data review, synthesis, and meeting attendance will be performed as directed by COMB.

**Task 2: Project Operation and Maintenance      Task Estimated Cost: \$ 11,800**

This task provides technical assistance with operation, maintenance and performance reporting of completed tributary fish passage projects designed by HDR.

Task 2.1 Quiota Creek Crossing 0A – O&M technical      *Estimated Cost: \$ 1,400*

HDR Engineering will provide technical assistance to COMB corresponding to the performance evaluation of the Quiota Creek Crossing 0A restoration project. Tasks are anticipated to include: one to two site visits per year to survey the facility; refinement of monitoring methods and procedures; hydraulic review of the grade control structures and

rock weir; review of technical data collected by COMB; and assistance in preparation of an annual performance evaluation (engineering and fisheries) report. Activities will be performed by an Engineer as directed by COMB.

Task 2.2 Quiota Creek Crossing 1 – O&M technical

*Estimated Cost: \$ 1,400*

HDR Engineering will provide technical assistance to COMB corresponding to the performance evaluation of the Quiota Creek Crossing 1 restoration project. Tasks are anticipated to include: one to two site visits per year to survey the facility; refinement of monitoring methods and procedures; hydraulic review of the grade control structures and rock weir; review of technical data collected by COMB; and assistance in preparation of an annual performance evaluation (engineering and fisheries) report. Activities will be performed by an Engineer as directed by COMB.

Task 2.3 Quiota Creek Crossing 2 – O&M technical

*Estimated Cost: \$ 1,400*

HDR Engineering will provide technical assistance to COMB corresponding to the performance evaluation of the Quiota Creek Crossing 2 restoration project. Tasks are anticipated to include: one to two site visits per year to survey the facility; refinement of monitoring methods and procedures; hydraulic review of the grade control structures and rock weir; review of technical data collected by COMB; and assistance in preparation of an annual performance evaluation (engineering and fisheries) report. Activities will be performed by an Engineer as directed by COMB.

Task 2.4 Quiota Creek Crossing 3 – O&M technical

*Estimated Cost: \$ 1,400*

HDR Engineering will provide technical assistance to COMB corresponding to the performance evaluation of the Quiota Creek Crossing 3 restoration project. Tasks are anticipated to include: one to two site visits per year to survey the facility; refinement of monitoring methods and procedures; hydraulic review of the grade control structures and rock weir; review of technical data collected by COMB; and assistance in preparation of an annual performance evaluation (engineering and fisheries) report. Activities will be performed by an Engineer as directed by COMB.

Task 2.5 Quiota Creek Crossing 4 – O&M technical

*Estimated Cost: \$ 1,400*

HDR Engineering will provide technical assistance to COMB corresponding to the performance evaluation of the Quiota Creek Crossing 4 restoration project. Tasks are anticipated to include: one to two site visits per year to survey the facility; refinement of monitoring methods and procedures; hydraulic review of the grade control structures and rock weir; review of technical data collected by COMB; and assistance in preparation of an annual performance evaluation (engineering and fisheries) report. Activities will be performed by an Engineer as directed by COMB.

Task 2.6 Quiota Creek Crossing 6 – O&M technical

*Estimated Cost: \$ 1,400*

HDR Engineering will provide technical assistance to COMB corresponding to the performance evaluation of the Quiota Creek Crossing 6 restoration project. Tasks are anticipated to include: one to two site visits per year to survey the facility; refinement of monitoring methods and procedures; hydraulic review of the four grade control rock weirs; review of technical data collected by COMB; and assistance in preparation of an annual performance evaluation (engineering and fisheries) report. Activities will be performed by an Engineer as directed by COMB.

Task 2.7 Quiota Creek Crossing 7 – O&M technical

*Estimated Cost: \$ 1,400*

HDR Engineering will provide technical assistance to COMB corresponding to the performance evaluation of the Quiota Creek Crossing 7 restoration project. Tasks are anticipated to include: one to two site visits per year to survey the facility; refinement of monitoring methods and procedures; hydraulic review of the grade control structures and rock weir; review of technical data collected by COMB; and assistance in preparation of an annual performance evaluation (engineering and fisheries) report. Activities will be performed by an Engineer as directed by COMB.

Task 2.8 El Jaro Creek at Rancho San Julian project –O&M technical

*Estimated Cost: \$ 2,000*

HDR Engineering will provide technical assistance to COMB corresponding to the operation, maintenance, and performance review of the Rancho San Julian fish passage project. Tasks are anticipated to include: refinement of monitoring methods and procedures; hydraulic review of fishway performance; troubleshooting of general operation and maintenance issues; one to two site visits per year to survey the facility, review of technical data collected by COMB; and assistance in preparation of an annual performance evaluation (engineering and fisheries) report. Activities will be performed by an Engineer as directed by COMB.

**Task 3: Habitat Improvements**

**Task Estimated Cost: \$ 140,000**

This task provides design support and engineering oversight for specific proposed or in construction tributary fish passage projects designed by HDR.

Task 3.1 Tributary Projects – technical support

*Estimated Cost: \$ 20,000*

HDR Engineering will support COMB in the implementation of fish passage projects along Quiota creek synonymous with the results presented in the Quiota Creek Watershed Fish Passage Enhancement Plan. Activities conducted under this task and as directed by COMB shall include: support of grant proposal development; preparation of concept level Engineer’s construction drawings and cost opinions; preparation of project descriptions and development of technical data; and coordination with agencies and local governments in regards to fish passage guidelines.

Task 3.2 Quiota Creek Fish Passage Project at Crossing 5

*Estimated Cost: \$ 80,000*

HDR Engineering will finalize all design and bid documentation then oversee the construction of the project. This will include review and reporting of any requested Requests-For-Information and Change-Orders. Upon completion of the project, the ENGINEER will develop As-Built drawings.

Task 3.3 Quiota Creek Fish Passage Project at Crossing 9

*Estimated Cost: \$ 30,000*

HDR Engineering will work towards final design documents from the current design level to 85% with Santa Barbara County and regulatory agency approval. Upon completion, final design documents will be wet sealed by a California Registered Professional Engineer and submitted to COMB for project grant proposal writing and construction bidding.

Task 3.4 Salsipuedes Creek Jalama Road Fish Ladder

*Estimated Cost: \$ 10,000*

HDR Engineering will finalize all design and bid documentation then oversee the construction of the Salsipuedes Creek Jalama road fish Ladder Project. This will include review and reporting of any requested Requests-For-Information and Change-Orders. Upon completion of the project, the ENGINEER will develop As-Built drawings.

**TOTAL ESTIMATED TASK ORDER COST:**

**\$ 155,800**



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.”*

July 24, 2017

## **General Manager Report**

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

### Whittier Fire Update

The effects of the Whittier Fire are cited in the Operations and Fisheries Division Reports included in this Board packet. Attached as an exhibit to this report (as of July 20, 2017) is a map and updated information on the Whittier Fire produced by the US Forest Service. A Burned Area Emergency Response (BAER) report will be produced once the fire has been fully contained and will outline the impacts from the fire. A BAER assessment has three key objectives:

- To determine if emergency resource or human health and safety conditions exist,
- To identify actions to alleviate emergency conditions following wildfire to help stabilize soil; to control water, sediment, and debris movement; to prevent permanent impairment of ecosystem structure and function; and to mitigate significant threats to health, safety, life, property, or downstream values, and
- To identify monitoring actions needed for the implementation and effectiveness of prescribed emergency treatments.

BAER teams conduct surveys promptly on burned areas to determine if emergency rehabilitation treatment is needed to minimize loss of soil productivity, deterioration of water quality, and threats to human life and property. COMB staff will be researching all possibilities for potential funding related to operational or infrastructure impacts from the Whittier Fire.

### Meetings

- Contract Renewal for the Transfer of Operation & Maintenance of the Cachuma Transferred Project Works

On Wednesday, July 12, 2017, COMB hosted a meeting with the Member Agency General Managers and technical staff to discuss the structure, process and schedule regarding the upcoming Transfer of the Operation and Maintenance of the Cachuma Project Transferred Works Contract (Contract) which is co-terminus with the Master Renewal Contract and expires on September 30, 2020. The participants discussed focusing on critical milestones and presented additional questions to be answered by Reclamation. Staff is in the process of presenting the questions to Reclamation, developing a milestone schedule and will align the review process prior to the Member Agencies' governing Board meetings.

### Personnel

The COMB organization is currently under transition as new staff is continuing to become familiar with expectations, processes and procedures as well as developing improvements to internal administrative and operational systems. While transitions are challenging, the investment in a professionally dedicated workforce will prove to be beneficial over the long-term.

Administration

- Highlight of Fiscal Year 2017-18 Internal Goals
  - Administration Division
    - CAFR Audit / Budget Planning Document
    - Financial and Operational Metric Reporting (Dashboard)
    - Continued Development of Policy and Procedures
    - Development / Implementation of Transfer Agreement Renewal Process
    - Advancement of Water Accounting / Supply and Demand schedules
    - Parity Study completed
    - Director Handbook adopted
    - Employee Handbook completed
    - Staff Professional Development and Training
    - Website Updated
    - Development of Initial Framework for Comprehensive Strategic Planning Process
  - Operations Division
    - Emergency Response Plans updated
    - Operational Improvements
    - Implementation of approved Infrastructure Improvement Projects
    - Staff Professional Development and Training
    - Asset Management
    - Seek Grant Funding opportunities
    - Safety and Security
  - Fisheries Division
    - Continue effective Operational Program of Work
    - Improve Reporting Documents and Production schedule
    - Secure Grant Funding Opportunities
    - Implementation of approved Habitat Improvement Projects
    - Staff Professional Development and Training
    - Safety and Security

Pursuant to the COMB Procurement Policy adopted by the Board on March 27, 2017, a quarterly report of all contracts executed by the General Manager for the period of April 1, 2017 through June 30, 2017 is presented for information.

**Contracts Executed by General Manager  
 April 1, 2017 - June 30, 2017**

Vendor Name	Contract Description	Contract Date	Estimated Completion Date	Contact Amount
HDR Engineering, Inc.	Addendum for Engineering Services Emergency Pumping Facility Project-Lake Cachuma	07/01/2016	06/30/2017	\$7,800
Prober Land Surveying	Surveying services - Quiota Creek Crossing 5	06/27/2017	06/30/2017	\$2,000
Rain for Rent	Equipment Rental - Lake Cachuma Stilling Basin	06/26/2017	07/31/2017	\$5,799
Dudek	Environmental Compliance Services – Sycamore Canyon and Lateral 3A	06/30/2017	8/31/2017	\$4,850

Operations Division Activities

- Sycamore Canyon Slide Repair

Operations Division staff is continuing their effort on performing the environmental review process for this project. Staff met with FEMA representatives early last week to additionally review the emergency project which will be presented to the Operations Committee once the environmental documents are completed. Construction is now anticipated to begin in September.

- Lateral Structure No. 3 Repair

The Lateral Structure No. 3 repair designs by Flowers & Associates are now complete. The Request for Proposals (RFP) were received on July 17<sup>th</sup>. After conference with the Member Agencies and their associated demand schedules, this project will most likely be constructed in the winter time frame to accommodate through a low demand period.

- AVAR Valve / Blow-off Replacement / Relocation

Staff recently met with the Consultant Engineer, HDR, to review preliminary final designs. HDR has inspected each site structure and created a project grouping schedule based on priority and coordination for construction efforts. Staff will be meeting with the affected Member Agencies technical staff to develop an operations plan for project implementation. It is anticipated designs will be completed in August with the project going out for bid in September. The construction work will be performed in the winter during low demand months.

- North Portal Slope Stabilization Project

The implementation of this project had been delayed due to the environmental processes with the Bureau of Reclamation. The environmental documents are now complete. Due to the Whittier Fire, a new proposal has been requested from the previously approved contractor as the vegetation area is no longer in need of much clearing. This item will be presented to the Operations Committee in August with a slight increase to the initial proposal due to the change in placement of extracted materials. Staff is researching the potential for FEMA funding for erosion control related to the Whittier Fire in this area. It is anticipated that construction activity will begin in September.

Fisheries Division Activities

- Oak Tree Program

Two watering teams (using the large water truck and smaller water trailer) are being deployed each day to irrigate as many trees as possible. Watering crews continue to focus on the newer age classes (Years 7-9) of oak trees. Incidentally, all Oak Tree Program mitigation trees planted were amazingly spared from the effects of the Whittier fire. The 2016 Annual Oak Tree Report (including Fiscal Year 2016-17 financials and water usage) is complete and has been sent to the Directors of the Oak Tree Committee for review.

- Snorkel Surveys

The Fisheries Division (FD) will be conducting summer snorkel surveys within the main-stem and tributaries of the Lower Santa Ynez River (LSYR) where visibility allows. Divers were unable to complete spring snorkel surveys within Hilton Creek due to poor water clarity. Low reservoir elevation coupled with the current intake depth (bottom of the lake through the Hilton Creek Emergency Backup System) is contributing to the poor visibility (similar to what the FD has observed the past two years).

General Manager Report  
July 24, 2017

- Thermographs

All temperature monitoring devices have been deployed within the LSYR main-stem and tributaries. The FD recently deployed dissolved oxygen (DO) units in the Highway 154 Reach.

- Hilton Creek flows

Flows have remained unchanged within Hilton Creek with the Hilton Creek Emergency Backup System (HCEBS) providing approximately 1.4 cfs of gravity flow to the Lower Release Point. A small amount of flow (<0.1 cfs) is also being provided to the Upper Release Point.

- Stilling Basin

The Stilling Basin dewatering efforts continue with the ultimate goal of getting the pool reduced to a minimum seining depth to allow for removal of non-native fish species as requested by Reclamation and concurred to by NMFS. Two 6" rented submersible pumps and three COMB trash pumps are being used to draw down the Stilling Basin. Both Operations and Fisheries Division staff are refueling the pumps several times per day. It is anticipated fish removal efforts will be completed before the end of July.

Exhibit – Whittier Fire map and updated information

Respectfully Submitted,

*Janet Gingras*

General Manager

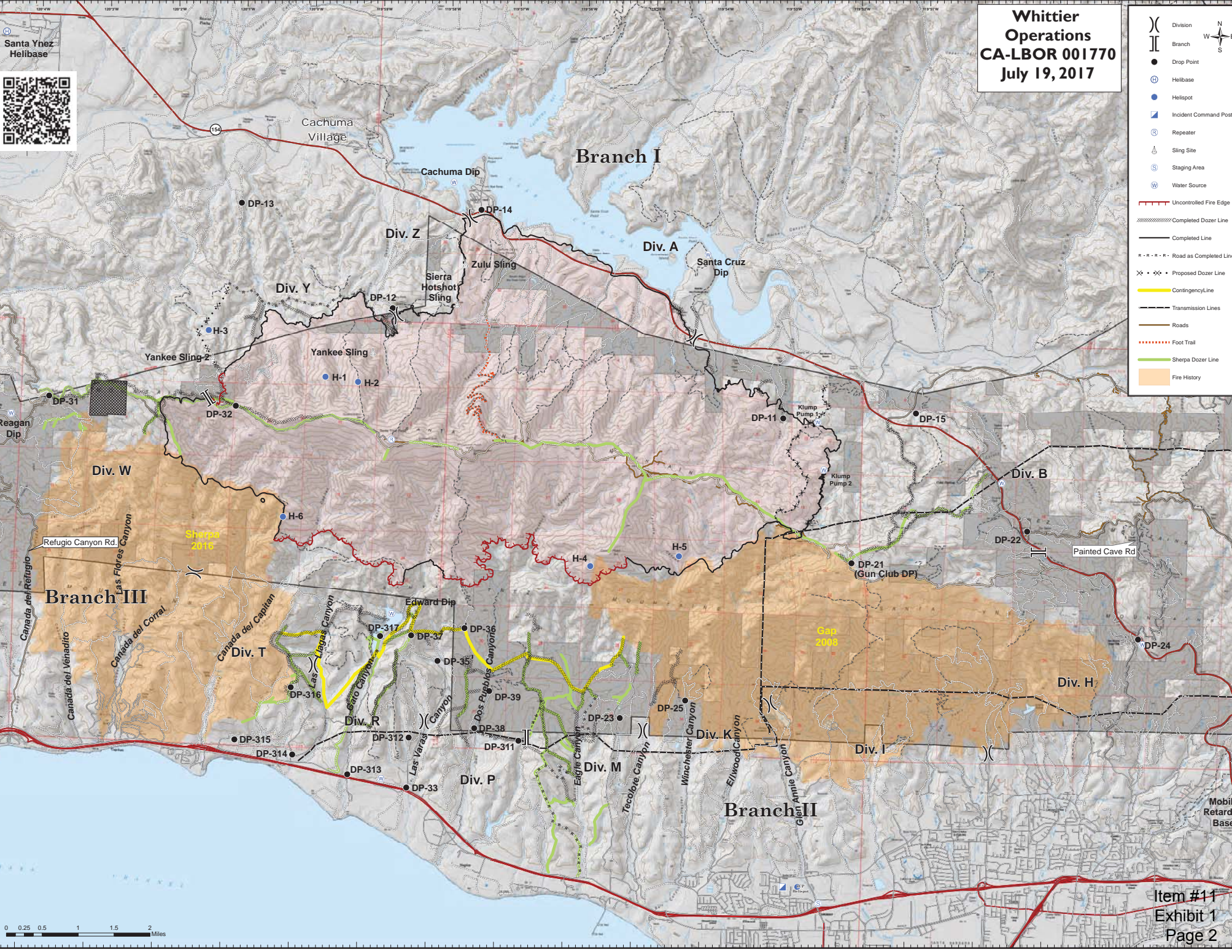






**Whittier Operations**  
**CA-LBOR 001770**  
**July 19, 2017**

Division  
 Branch  
 Drop Point  
 Helibase  
 Helispot  
 Incident Command Post  
 Repeater  
 Sling Site  
 Staging Area  
 Water Source  
 Uncontrolled Fire Edge  
 Completed Dozer Line  
 Completed Line  
 Road as Completed Line  
 Proposed Dozer Line  
 Contingency Line  
 Transmission Lines  
 Roads  
 Foot Trail  
 Sherpa Dozer Line  
 Fire History



Santa Ynez Helibase





**CACHUMA OPERATION AND MAINTENANCE BOARD**

**MEMORANDUM**

**DATE:** July 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 June was 2,006.7 acre-feet, for an average daily flow of 66.89 acre-feet. Lake elevation was 715.03 feet at the beginning of the month and 714.07 feet at the end. Storage change decreased 1,884 acre-feet. CCWA wheeled 1023.5 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:

- ✓ Office Safety – Discussed hazards and injuries that can occur within an office atmosphere. Outlined preventive measures to limit or reduce exposure.
- ✓ Chain Saw Safety – Discussed dangers of working chain saws. Went over their proper use and personnel protective equipment required while operating.

COMB Operations Staff specifically performed the following activities:

- Staff has been on site monitoring several ongoing projects throughout the area. Working closely with the construction and engineering contractors to ensure that:
  - Pipe line easements and right of ways remain accessible to operations staff for possible emergency's and ongoing facility maintenance
  - All projects are following the COMB and USBR approved plans.
  - No damage occurs to the South Coast Conduit during the construction process.
- Continued the annual structure maintenance program on the northern of the section of the South Coast Conduit. This month staff has completed maintenance on:

Air Vents: 195+81, 217+48, 361+20, 380+30, 407+75, 428+28, 454+26,473+93, 490+40, 498+97, 505+50, 511+46, 517+50, 525+36,

Blow Offs: 193+85, 198+01, 209+35, 351+40, 378+48, 395+15, 412+05, 435+03, 457+50, 477+49, 492+47, 502+96, 509+10, 515+50, 520+70, 540+00

Turn Outs: 190+30, 202+97, 215+00, 358+50, 379+00, 396.50, 408+40, 424+00, 436+25, 468+50, 498+97,514+56, 535+20

Included in the program is:

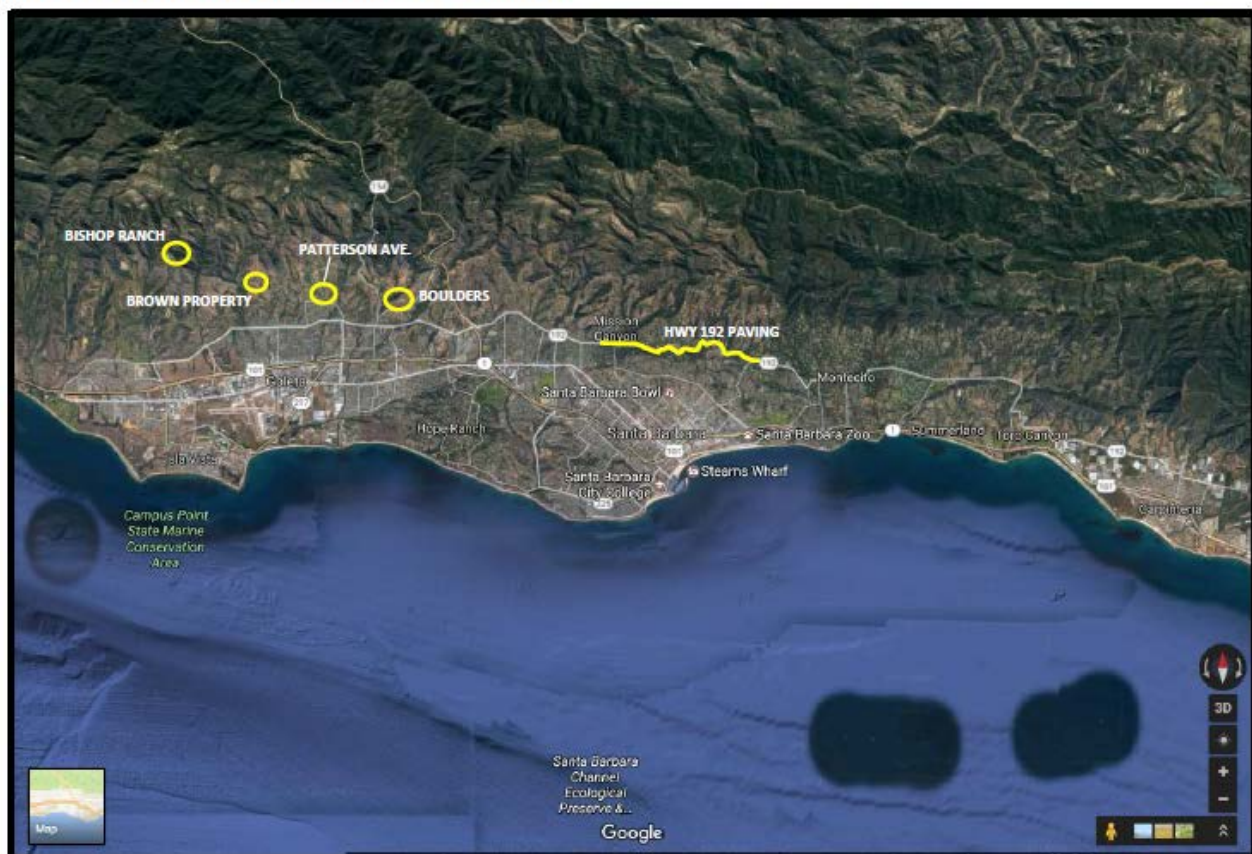
- Improve site access
- Inspection of all air vents, blow off and turn-out structure. Checking condition of all associated equipment.

- Exercising of all appropriate valves or apparatuses.
  - Cleaning of the structure and surrounding site.
  - Applying fresh paint and signage.
- Due to the Whittier fire PG&E supplied power to the North Portal control building was lost on July 8<sup>th</sup>. COMB's backup generator was used to supply power to the building and instrumentation. Staff monitored fuel levels and equipment at the site twice daily until PG&E power was restored on July 18<sup>th</sup>.
  - Site monitoring at the North Portal and Glenn Annie daily during the Whittier fire.
  - Assisted the fisheries division in the dewatering of the Bradbury stilling basin with installation and continued monitoring the pump generator fuel levels, refueling twice daily.
  - Cleaning of the North Portal Intake Tower debris and fish screens.
  - Exercised North Portal Intake Tower slide gates.
  - Monthly water sampling for the City of Santa Barbara.
  - 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
- Sycamore Canyon Slide Repair
- Lateral #3 Replacement

**CURRENT PROJECTS WITHIN THE EASMENT**





## BISHOP RANCH



- Removal and replanting of avocado orchard.



## BROWN PROPERTY



- Installation of Geofoam over the South Coast Conduit to prevent overloading.

**PATTERSON AVE.**



- 
- Patterson Oaks subdivision.

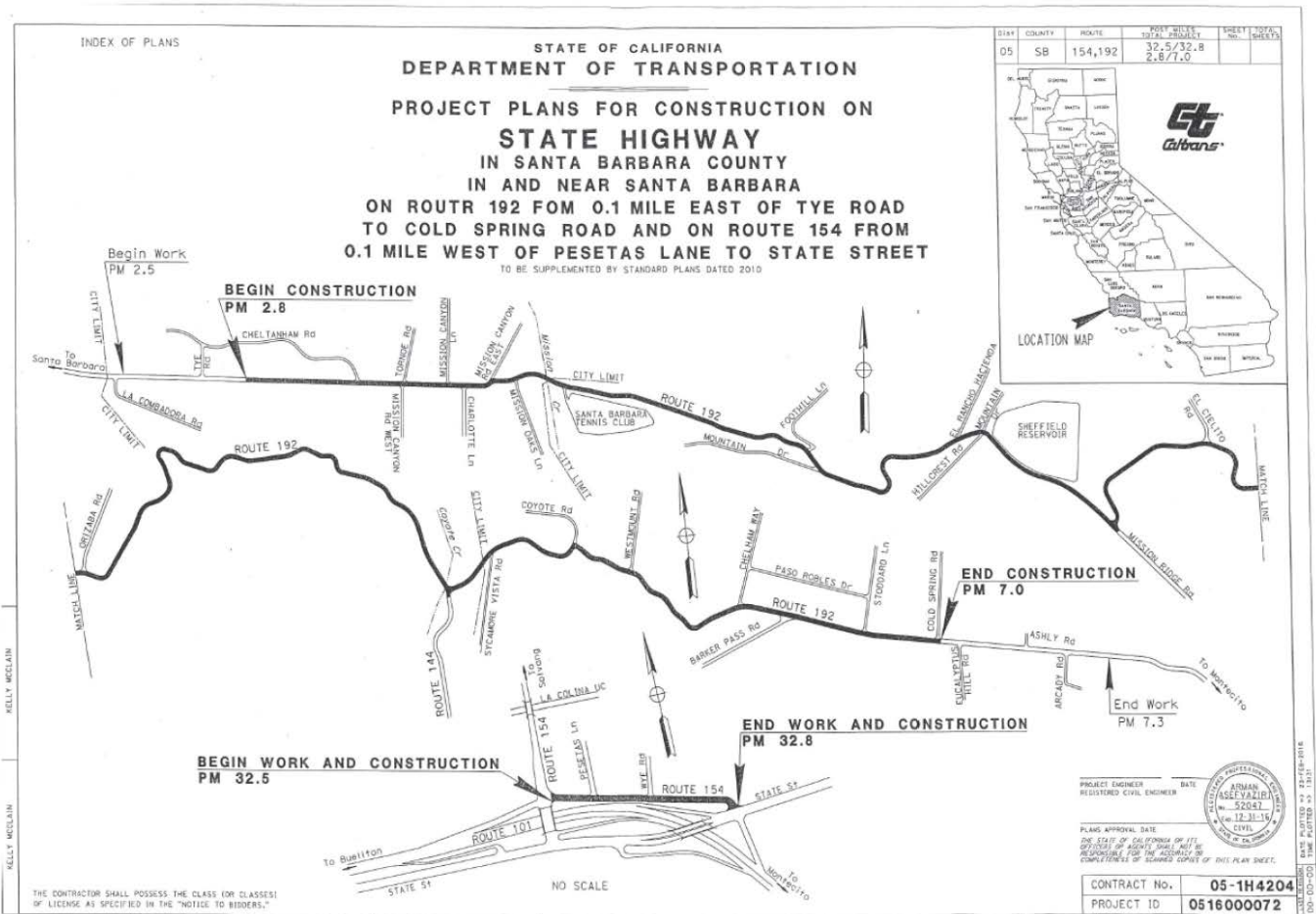


## BOULDERS PROJECT



- Boulders subdivision.

# HWY 192 PAVING PROJECT



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

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

**HIGHLIGHTS:**

- USBR continues to deliver approximately 2 cfs to Hilton Creek mostly at the Lower Release Point and trickle flow at the Upper Release Point by gravity flow through the Hilton Creek Emergency Backup System in support of the *O. mykiss* population.
- The Stilling Basin dewatering and fish removal effort should be completed by the end of July.
- The permits for the Quiota Creek Crossing 5 Project have been submitted.

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:**

***Thermograph Network:*** The thermograph network is deployed at the beginning of April and picked up at the end of December to record water temperatures at all designated locations within the LSYR mainstem and several tributaries. The thermograph network has been deployed in the LSYR mainstem and its tributaries. Thermographs are downloaded monthly and the results are summarized in the Annual Monitoring Report.

***Lake Profiles:*** Lake Cachuma water quality measurements (temperature, dissolved oxygen concentration 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.

***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 mostly to the Lower Release Point (LRP) with trickle flow to the Upper Release Point (URP). The small amount of flow to the URP is designed to support the creek's riparian vegetation and benthic macro invertebrate population. Water quality conditions in Hilton Creek are being monitored at several locations.

**Stilling Basin Dewatering and Fish Removal:** As requested by USBR, the Stilling Basin directly downstream of Bradbury Dam is being dewatered to allow for removal by seining of all non-native fish in that habitat. The pumping effort is being conducted through 1) two submersible pumps rented from Rain for Rent and 2) three COMB trash pumps. Pumps were activated at the end of June and the fish removal effort will be completed by the end of July. In the unlikely event that an *O. mykiss* is found in the Stilling Basin, it will be carefully relocated to Hilton Creek.

### **Tributary Project Updates:**

**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. All permits for the project have been submitted with the idea of constructing the project in the fall of this year.

**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 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 and was fully executed on 5/16/17. The Request for Authorization (RFA) has been sent by the County to Caltrans to begin grant expenditures and expect approval of the RFA soon. We have been working on the Requests for Proposals (RFP) to hire a consultant for design, environmental and right-of-way tasks. We hope to finalize the RFP shortly and initiate the search for a consultant to be secured in August of this year. A field review meeting with Caltrans is expected within the next month with the objective of setting the design criteria. Pending the above, the project would be built in the fall of 2018.

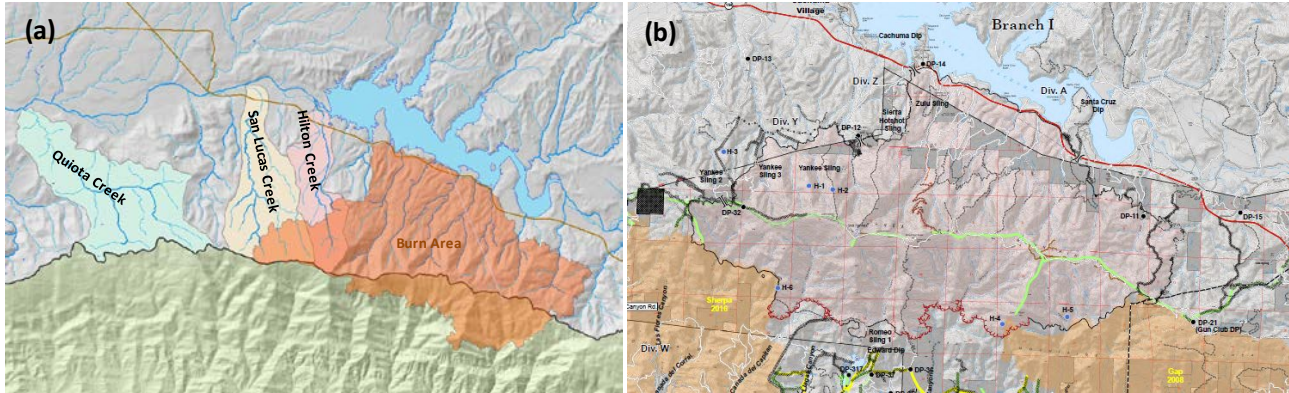
**Quiota Creek Crossing 9:** Staff submitted a CDFW-FRGP grant proposal for this project on 4/26/17 as approved by the Board during the 4/24/17 meeting. The grant is for \$993,121 with a \$50,000 construction match. The announcement of grant recipients will happen in the winter of 2018.

**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

## Whittier Fire – Impact to the Fishery

The Whittier Fire started on 7/8/17 and continues to burn although slowly with containment at approximately 76% and 18,400 acres burned. The burn area affected the entire upper half of the Hilton Creek watershed and a portion of upper San Lucas Creek watershed but was contained prior to entering Quiota Creek watershed (Figure 1). Staff is investigating ways to reduce the anticipated high sediment load that will come with winter storm runoff.



**Figure 1:** Whittier Fire burn area showing the Hilton Creek, San Lucas Creek and Quiota Creek watershed boundaries as of (a) 7/14/17 and (b) 7/20/17.

## 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. With this system fully operational, USBR has now been working on the identified repairs to the HCWS with no success on getting the pumping system operating. Repair work on the HCWS has been very slow but is ongoing.

## 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 (or if those accounts are now replenished from this winter's runoff) by NMFS and USBR hence is not reflected in Table 1. No fish water was debited to any account when water was extracted from the Stilling Basin below the dam and release to Hilton Creek during 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>		15,422	
<b>Total:</b>	9,184	21,055	3,551
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 6/30/17.			
*** 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. Two staff members attended the 2017 ESRI Users Conference where each gave presentations, the first on drought and the endangered steelhead and the second on the Lake Cachuma Oak Tree Program. Both presentations were well received.

**Consultant Activity Summary:**

**HDR Fisheries Design Center** (Mike Garelo) – Design, reporting and oversight work for the Quiota Creek Crossings 5, 8 and 9 projects.

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

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	July 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 January, 2017 to the present (1/1/17 – 7/24/17, 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 2015 Lakeshore Inventory was completed and reviewed by the Lake Cachuma Oak Tree Committee on 2/25/16, which sets the mitigation number for the program. The 2016 Annual Inventory and Fiscal Year 2016-2017 Financial Report has been completed and submitted to the Lake Cachuma Oak Tree Committee with a meeting to be scheduled soon that will set the directives for the next fiscal year.

**Table 1:** Cachuma Oak Tree Program completed tasks since January, 2017.

	Jan 2017*	Feb 2017*	March 2017*	April 2017**	May 2017**	June 2017	July 2017
<b>Year 9 Oaks (2016-2017)</b>		New Trees	New Trees	New Trees	Irrigated	Irrigated	Irrigated
		Gopher Baskets	Gopher Baskets	Gopher Baskets	Weeded	Weeded	Weeded
		Fert/Comp	Fert/Comp	Fert/Comp			
		Deer Cages	Deer Cages	Deer Cages			
		Mulch/Irrigated	Mulch/Irrigated	Mulch/Irrigated			
<b>Year 8 Oaks (2015-2016)</b>		Weeded		Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded
<b>Year 7 Oaks (2014-2015)</b>				Weeded Mulched		Irrigated Weeded	
<b>Year 6 Oaks (2010-2011)</b>						Irrigated Weeded	
<b>Year 5 Oaks (2009-2010)</b>						Irrigated Weeded	
<b>Year 4 Oaks (2008-2009)</b>							
<b>Year 3 Oaks (2007-2008)</b>							
<b>Year 2 Oaks (2006-2007)</b>							
<b>Year 1 Oaks (2005-2006)</b>							
* Annual Oak Tree Inventory							
** April-May work included Year 9 oak tree inventory							

Personnel are finishing a third round of watering on the Year 7, Year 8 and Year 9 trees. While watering, weeding is conducted.

**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 JUNE 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)	2,007					8,402
Tecolote Tunnel Infiltration	77					753
Cachuma Lake (County Park)	3					18
State Water Diversion	1,922					7,516
Cachuma Diversion	3					1,200
So. Coast Storage gain/(loss)	120					166
<b>Total Production</b>	<b>2,087</b>					<b>9,173</b>
<b>Total Deliveries</b>	<b>2,045</b>					<b>8,883</b>
Unaccounted-for	42					290
% Unaccounted-for	2.00%					3.16%
	<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	3	3
Agricultural	0	0	0	0	0	0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</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	2	17	10	13	0	42
<b>Total Unaccounted-for:</b>	<b>2</b>	<b>17</b>	<b>10</b>	<b>13</b>	<b>0</b>	<b>42</b>
<b>Total Cachuma Use for Month</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>
Same Mo/prev. yr	5	26	291	247	3	572
M&I Yr to date	0	1,115	291	0	18	1,424
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>18</b>	<b>1,478</b>
USAGE % YTD	3.3%	27%	26%	0%	2.3%	14.3%
<b>Previous Year/YTD</b>	<b>1,463</b>	<b>1,941</b>	<b>1,715</b>	<b>690</b>	<b>14</b>	<b>5,823</b>
Evaporation #	11	0	0	0	0	11
Evaporation, YTD	142	124	33	0	7	306
Allocation ***	3,729	3,311	1,060	1,125	1,060	10,285
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^	169	113	113	74	(469)	0
Transfers/Adjustment ****	0	0	0	0	0	0
Passthrough H2O**	0	0	0	0	0	0
<b>TOTAL AVAILABLE</b>	<b>4,290</b>	<b>4,550</b>	<b>1,437</b>	<b>1,125</b>	<b>1,084</b>	<b>12,486</b>
<b>REMAINING CARRYOVER</b>	<b>419</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(0)</b>	<b>418</b>
<b>TOTAL REMAINING BALANCE</b>	<b>4,317</b>	<b>3,424</b>	<b>1,173</b>	<b>1,199</b>	<b>591</b>	<b>10,703</b>

\*\*\* Per USBR, 40% Allocation to Member Agencies, effective 4/1/17

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

State Water Deliveries to Lake Cachuma for June (Total =1026 AF): MWD 230 AF; CVWD 153 AF

GWD 345 AF(Morehart 4 AF); City of S.B. 230 AF; and LaCumbre 60 AF: (Ratheon 4 AF)

^ Per SWP Exchange Agrmt GWD received 90 AF; MWD received 60 AF;

City of SB received 60 AF; and CVWD received 40 AF from ID#1 in June 2017.

# Per USBR, evaporation is applied to Cachuma Carryover and SWP water through standard contract formula effective April 1, 2017.

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

MONTH: **June 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	546.60	Feet
Water in Storage	541.71	AF

**ORTEGA RESERVOIR**

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	448.60	Feet
Water in Storage	24.65	AF

**CARPINTERIA RESERVOIR**

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	375.90	Feet
Water in Storage	25.47	AF

**TOTAL STORAGE IN RESERVOIRS**

	591.84	AF
Change in Storage	120.38	AF

**CACHUMA RESERVOIR\***

Capacity at 750' elevation:	184,121	AF
Capacity at sill of tunnel 660' elevation:	24,281	AF

Stage of Reservoir Elevation	714.07	Feet
Water in Storage	96,856	AF
Surface Area	1,930	
Evaporation	1,745.6	AF
Inflow	979.8	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	116.0	AF
Outlet	0.0	AF
<b>Spill/Seismic Release</b>	0	AF
State Water Project Water	1023.5	AF
Change in Storage	-1,865	AF
Tecolote Diversion	2,006.7	AF

Rainfall:	Month:	0.00	Season:	25.03	Percent of Normal:	125%
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**SUMMARY: UNACCOUNTED-FOR WATER ALLOCATIONS**

**June 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>	0.2	0.0	1.2	0.5	0.0	0.0	1.8	<b>2</b>
<b>City</b>	4.1	0.0	1.0	12.0	0.4	0.0	17.5	<b>17</b>
<b>MWD</b>	1.4	0.5	0.3	4.0	0.6	3.2	10.0	<b>10</b>
<b>CVWD</b>	1.8	0.5	0.4	5.1	0.7	4.2	12.7	<b>13</b>
<b>Total</b>	7.4	1.0	3.0	21.5	1.7	7.4	42.0	<b>42</b>



**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. 06/30/17

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	38	0	38	0	29	0	0	0
Dec			0	0	0	30	0	30	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	3729		0	0	0	7	0	7	0	7	0	0	0
May			0	0	0	9	0	9	0	10	0	0	0
Jun			0	0	0	10	0	10	0	10	0	0	0
Jul			0	0	0	0							
Aug			0	0	0	0							
Sep			0	0	0	0							
<b>Total</b>	<b>3729</b>	<b>561</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>142</b>							

STORAGE WATER					CONVERSIONS		SCHEDULES AND REVISIONS					
M & I	Agr	CURRENT SCHEDULE		Month	Total	M&I	AG	M&I	AG	Total		
0	0	M & I	Agr	Begin Bal	561	412	149	0	0	0		
0	0	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	Allocation						3,729		
0	0	0	0	Apr	ID #1 Ex+1				1	1		
0	0	0	0	May	ID #1 Ex+78				78	78		
0	0	0	0	Jun	ID #1 Ex+90				90	90		
				Jul						0		
				Aug						0		
				Sep						0		

Month	Total	M&I	AG	M&I	AG	Total
Oct	524	412	112	0	0	0
Nov	486	412	83	0	0	0
Dec	456	412	74	0	0	0
Jan	454	412	72	0	0	0
Feb	449	412	67	0	0	0
Mar	445	412	62	0	0	0
Apr	438	412	55	0	1	3,730
May	429	412	45	0	79	3,808
Jun	419	412	35	0	169	3,898
Jul						
Aug						
Sep						

TOTAL

4,316

**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. 06/30/17

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			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	1060		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>1060</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
				Allocation							1,060
0	0	0	0	Apr	ID #1 Ex+1					1	1
0	0	0	0	May	ID #1 Ex+52					52	52
0	0	0	0	Jun	ID #1 Ex+60					60	60
				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	0	0	0	0	1	1,061					
May	0	0	0	0	53	1,113					
Jun	0	0	0	0	113	1,173					
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. 06/30/17

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	3311		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>3311</b>	<b>1239</b>	<b>1,110</b>	<b>0</b>	<b>1,110</b>	<b>124</b>							

STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		Month	SCHEDULE AND REVISIONS			
M & I	Agr	M & I	Agr	M & I	Agr		Total	M&I	M&I	Total
0	0	0	0	0	0	Begin Bal	1,239	1,239	0	0
0	0	0	0	0	0	Oct				0
0	0	0	0	0	0	Nov				0
0	0	0	0	0	0	Dec				0
0	0	0	0	0	0	Jan				0
0	0	0	0	0	0	Feb				0
0	0	0	0	0	0	Mar				0
0	0	0	0	0	0	Allocation				3,311
0	0	0	0	0	0	Apr	ID #1 Ex+1		1	1
0	0	0	0	0	0	May	ID #1 Ex+52		52	52
0	0	0	0	0	0	Jun	ID #1 Ex+60		60	60
						Jul				0
						Aug				0
						Sep				0

Month	REMAINING BALANCES			
	Total	M&I	M&I	Total
Oct	684	684	0	0
Nov	253	253	0	0
Dec	0	0	0	0
Jan	0	0	0	0
Feb	0	0	0	0
Mar	0	0	0	0
Apr	0	0	1	3,312
May	0	0	53	3,364
Jun	0	0	113	3,424
Jul				
Aug				
Sep				

TOTAL 3,424



**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. 06/30/17

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			Agr			
				M & I	Agr	Total	M & I	Agr	Total	M & I	Agr	Total	
Oct	0	24	2	0	2	2	2	3	3	0	0	0	0
Nov			2	0	2	1	2	3	3	0	0	0	0
Dec			3	0	3	1	3	4	4	0	0	0	0
Jan			1	0	1	1	1	2	2	0	0	0	0
Feb			1	0	1	1	1	2	2	0	0	0	0
Mar			2	0	2	1	2	3	3	0	0	0	0
Apr	1060		2	0	2	0	2	2	0	0	0	0	0
May			3	0	3	0	3	3	0	0	0	0	0
Jun			3	0	3	0	2	2	2	0	1	0	1
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>1060</b>	<b>24</b>	<b>18</b>	<b>0</b>	<b>18</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	Allocation	0	0	Allocation
0	0	Apr	0	0	Apr
0	0	May	93	(93)	May
0	0	Jun	111	(111)	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
Allocation						1,060
Apr ID #1 Ex+1					(3)	(3)
May ID #1 Ex+216				(93)	(123)	(216)
Jun ID #1 Ex+250				(110)	(140)	(250)
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	2.47	5	7	0	0	-3	1,057
May	3.22	2	7	0	0	-219	841
Jun	2.55	0	5	0	0	-470	590
Jul							
Aug							
Sep							

**TOTAL 590**

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

Contract Entity: **Santa Barbara Co. Water Agency**  
 Last updated by **C.O.M.B. 06/30/17**

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	2,201	37.8%	652	36	688	145	688	832	755	77	0	0	0	
Nov			65.6%	509	18	527	85	527	612	555	48	0	0	0	
Dec			12.79%	246	0	246	36	246	282	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	10,285		0.43%	2	0	2	7	2	9	0	7	0	0	0	
May			0.56%	3	0	3	9	3	12	0	10	0	0	0	
Jun			0.58%	3	0	3	10	2	12	2	10	1	0	1	
Jul				0	0		0								
Aug				0	0		0								
Sep				0	0		0								
<b>Total</b>	<b>10,285</b>	<b>2201</b>		<b>1,419</b>	<b>54</b>	<b>1,472</b>	<b>306</b>								

CONVERSIONS					
STORAGE WATER		CURRENT SCHEDULE			
M & I	Agr	M & I	Agr	Month	
-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	
0	0	0	0	Allocation	
0	0	0	0	Apr	
0	0	93	-93	May	
0	0	111	-111	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
				0	0	0
				0	0	0
				0	0	0
				0	0	0
				0	0	0
				0	0	0
				0	0	10,285
				1	(1)	0
				(41)	41	0
				(50)	50	0
				0	0	0
				0	0	0

COUNTY PARKS							
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	757	683	83	0	0	0
Dec	2.60	470	426	74	0	0	0
Jan	0.93	466	424	72	0	0	0
Feb	0.90	459	422	67	0	0	0
Mar	1.56	453	419	62	0	0	0
Apr	2.47	443	419	55	1	-1	10,285
May	3.22	431	419	45	53	-53	10,285
Jun	2.55	419	417	35	113	-114	10,284
Jul							
Aug							
Sep							

**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			Evap / Spill	Delvd to Lake	MWD			Evap / Spill	Delvd to Lake	S.B.			Evap / Spill	Delvd to Lake	GWD			Evap / Spill	Delvd to Lake	LCMWC			Evap / Spill	Delvd to Lake	RSYS			Evap / Spill	Delvd to Lake	MLC		Delvd to SC		
			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC		Loss	Stored
<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	0	0	0	0	0	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	200	136	64	0	0	30	160	10	0	0	0	0	0	0	2	0	2	0	2		
February	693	0	36	0	0	2	125	0	125	0	0	366	0	366	0	0	200	130	197	0	8	0	153	6	1	0	0	0	0	2	0	2	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	0	138	14	0	0	0	0	0	2	0	2	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	0	87	49	2	3	0	3	3	0	3	0	3	0	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	0	35	44	8	1	0	1	3	0	3	0	3	0	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	0	5	0	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	0	7	0	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	0	5	0	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	0	4	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	0	3	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	0	2	0	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	0	2	0	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			Evap / Spill	Delvd to Lake	MWD			Evap / Spill	Delvd to Lake	S.B.			Evap / Spill	Delvd to Lake	GWD			Evap / Spill	Delvd to Lake	LCMWC			Evap / Spill	Delvd to Lake	RSYS			Evap / Spill	Delvd to Lake	MLC		Delvd to SC			
			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC	Loss			Stored	Delvd to SC		Loss	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	0	0	0	0	0	0	0	0	0	0	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	0	2	1	2	0	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	0	2	1	2	0	2	
March	990	135	753	180	4	7	226	1498	76	2	12	226	2340	112	7	20	339	1664	190	0	13	59	33	34	0	4	11	4	1	1	1	1	1	1	1	1	1	1
April	634	96	686	134	17	11	144	1417	180	23	22	144	2218	210	21	35	217	1286	567	3	25	29	6	55	1	3	11	3	1	1	1	1	1	1	1	1	1	
May	1165	168	429	372	39	14	258	1392	229	24	29	258	2301	80	49	46	388	1124	520	3	27	86	29	63	0	4	12	3	3	0	4	0	4	0	4	0	4	
June	1026	153	182	377	13	10	230	1286	293	10	33	230	2208	252	17	55	345	483	958	2	27	60	54	34	1	4	12	4	4	0	4	0	4	0	4	0	4	
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	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	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	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	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	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	0	0	0	0	0	0	0
<b>Total</b>	<b>6502</b>	<b>967</b>	<b>182</b>	<b>1159</b>	<b>78</b>	<b>52</b>	<b>1511</b>	<b>1286</b>	<b>860</b>	<b>64</b>	<b>109</b>	<b>1511</b>	<b>2208</b>	<b>1124</b>	<b>103</b>	<b>184</b>	<b>2201</b>	<b>483</b>	<b>2343</b>	<b>8</b>	<b>104</b>	<b>284</b>	<b>54</b>	<b>224</b>	<b>5</b>	<b>15</b>	<b>12</b>	<b>14</b>	<b>13</b>	<b>0</b>	<b>14</b>							

**Notes:**

Total SC Storage at month end (AF): 4159

Total Storage at month end (AF): 4224

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)



# CACHUMA DAILY OPERATIONS

Month & Year: July 2017  
 Time of Observations: 0830 Evaporation Pan Factor: 81%

Day	Beginning Storage: 96,856			Surface Area acres	Rainfall inches	Rainfall acre-feet	Evap. inches	Evap. acre-feet	CCWA Inflow acre-feet	Releases					Computed Inflow acre-feet	
	Elevation	Storage	Change							S. Coast	Hilton	WR8918	Outlet	Spillway		
	ft	acre-feet	acre-feet							acre-feet	acre-feet	acre-feet	acre-feet	acre-feet		
1	714.04	96798	-58	1930			0.397	51.7	40.8	69.3	4.0				26.2	
2	714.00	96721	-77	1929			0.339	44.1	40.8	64.1	4.0				-5.9	
3	713.98	96683	-39	1928			0.374	48.7	40.8	63.2	4.0				36.4	
4	713.95	96625	-58	1928			0.413	53.7	40.8	63.3	4.0				22.3	
5	713.92	96567	-58	1927			0.503	65.4	40.8	65.7	3.0				35.4	
6	713.89	96509	-58	1926			0.456	59.3	40.8	63.5	4.0				28.0	
7	713.86	96451	-58	1925			0.663	86.2	40.9	64.1	4.0				55.4	
8	713.84	96412	-39	1925			0.612	79.5	40.8	64.8	4.0				68.9	
9	713.80	96335	-77	1924			0.682	88.6	40.8	63.9	4.0				38.4	
10	713.78	96296	-39	1924			0.312	40.5	40.8	63.2	4.0				28.3	
11	713.75	96238	-58	1923			0.244	31.7	40.8	64.4	3.0				0.3	
12	713.72	96180	-58	1922			0.425	55.1	40.8	63.5	4.0				23.9	
13	713.68	96103	-77	1921			0.440	57.1	40.8	75.0	4.0				18.0	
14	713.64	96026	-77	1920			0.437	56.6	40.8	78.5	3.0				20.1	
15	713.59	95930	-96	1919			0.448	58.0	40.0	77.1	4.0				3.2	
16	713.56	95872	-57	1918			0.453	58.7	32.6	77.0	4.0				49.8	
17	713.53	95815	-57	1917			0.532	68.9	35.8	76.5	4.0				56.3	
18	713.48	95720	-95	1916			0.491	63.5	35.8	76.5	3.0				11.8	
19	713.44	95643	-76	1915			0.503	65.0	36.0	66.9	4.0				23.6	
20	713.40	95567	-76	1914			0.441	57.0	36.0	67.2	4.0				15.8	
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
<b>TOTALS</b>					0.00	0.0	9.165	1,189.3	0.0	787.5	0.0	1,367.7	76.0	0.0	0.0	556.1

Park Usage Rain % Yr. Total



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



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

<b>Cachuma Lake Recreation Area Launch Data -- June 2017</b>		
<b>Inspection Data</b>		
Total Vessels entering Park	253	
Total Vessels launched	237	
Total Vessels Quarantined	16	
Returning with Boat Launch Tag	99	42%
New: Removed from Quarantine	*	
Kayak/Canoe: Inspected, launched	138	58%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
<b>Quarantine Data</b>		
Total Vessels Quarantined	16	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	16	
<b>Quarantine Cause</b>		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	2	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	16	
<b>Demographic Data</b>		
Quarantined from infected county	2	
Quarantined from SB County	14	
Quarantined from uninfected co	0	

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

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

\* These conditions are no longer being tracked.

**EARLY DETECTION MONITORING PROGRAM SUMMARY**

**Summary:** No Dreissenid mussels were detected  
 Inspection Site: Cachuma Lake Marina, Santa Barbara County, California  
 Inspection Date and Time: 2017.06.30; 11:00 – 13:00 PDT  
 Method: 5 PVC/Cement Sampling Stations; 56 linear feet of line  
 Surveyors: Rosey Bishop, John Viggianelli, Kristin Loft (SBCO Parks)  
 Lake elevation: Max feet: 753.00, current: 714.07; Max acre-feet: 193,305, current: 96,856;  
 Current capacity: 50.10%