

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

Monday, July 23, 2018

2:00 PM

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 of June 11, 2018 Special Board Meeting
- b. Minutes of June 25, 2018 Regular Board Meeting
- c. Investment of Funds
 - Financial Reports
 - Investment Reports
- d. Review of Paid Claims

4. VERBAL REPORTS FROM BOARD COMMITTEES

Receive verbal information regarding the following committee meetings:

- Administrative Committee Meeting – July 18, 2018

5. BOARD COMMITTEE APPOINTMENTS FOR FISCAL YEAR 2018-19

Action: Recommend the President of the Board make Committee appointments for FY 2018-19

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. 664 Adopting Annual Statement of Investment Policy
- b. Resolution No. 665 Authorizing Investment of Monies in the Local Agency Investment Fund
- c. Resolution No. 666 Establishing a Supplemental Account Agreement for Telephone Transfers

- d. Resolution No. 667 Establishing a Check Signing Policy for General Fund Account Payment of Claims
- e. Resolution No. 668 Authorizing Signatories for General Fund Account at American Riviera Bank
- f. Resolution No. 669 Authorizing Signatories for Revolving Fund Account at American Riviera Bank
- g. Resolution No. 670 Establishing a Check Signing Policy for Cachuma Project Trust Fund and Master Contract Renewal Fund Accounts for Payment of Claims
- h. Resolution No. 671 Authorizing Signatories for Trust Fund and Renewal Fund Accounts at American Riviera Bank
- i. Resolution No. 672 Establishing a Time and Place for Board Meetings

7. **SELECTION OF AUDITOR FOR INDEPENDENT FINANCIAL AUDITING SERVICES -FISCAL YEARS 2018-2020**

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

8. **GENERAL MANAGER REPORT**

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

- Meetings
- Administration
- Operations /Engineering Activities
- Fisheries Division Activities

9. **WATER RESOURCES ENGINEER REPORT**

Receive information from the Water Resources Engineer, including but not limited to the following:

- Climate Conditions and Forecasted Lake Elevations
- Grant Funding Activities
- Infrastructure Improvement Project Status

10. **OPERATIONS DIVISION REPORT**

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

- Lake Cachuma Operations
- Operation and Maintenance Activities

11. **FISHERIES DIVISION REPORT**

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

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

12. **PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM**

Receive information regarding the Lake Cachuma Oak Tree Program including but not limited to the following:

- Maintenance and Monitoring

13. **MONTHLY CACHUMA PROJECT REPORTS**

Receive information regarding the Cachuma Project, including but not limited to the following:

- a. Cachuma Water Reports
- b. Cachuma Reservoir Current Conditions

c. Lake Cachuma Quagga Survey

14. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**
15. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING AND POTENTIAL LITIGATION**
 - a. [Government Code Section 54956.9(d)(4)]
Name of matter: Protest of Member Agency re: Payment of Quarterly Assessments
16. **[CLOSED SESSION]: CONFERENCE WITH LABOR NEGOTIATORS**
 - a. [Government Code Section 54957.6(a)]
Agency designated representatives: Board President
Unrepresented Employee: General Manager
17. **RECONVENE INTO OPEN SESSION**
[Government Code Section 54957.7]
Disclosure of actions taken in closed session, as applicable
[Government Code Section 54957.1]
18. **MODIFICATION OF GENERAL MANAGER'S COMPENSATION**
Action: At Board discretion, consideration and approval of modification to General Manager compensation
19. **MEETING SCHEDULE**
 - **August 27, 2018 at 2:00 PM, COMB Office**
 - **Board Packages available on COMB website 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 SPECIAL MEETING
of the
CACHUMA OPERATION AND MAINTENANCE BOARD
held at
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, June 11, 2018

1. Call to Order, Roll Call

The meeting was called to order at 3:00 PM by President Morgan who chaired the meeting. Those in attendance were:

Directors Present:

W. Douglas Morgan, Montecito Water District
Kristen Sneddon, City of Santa Barbara
Polly Holcombe, Carpinteria Valley Water District
Lauren Hanson, Goleta Water District

Staff Present:

Janet Gingras, General Manager	Joel Degner, Water Resources Engineer
Edward Lyons, Administrative Manager/CFO	Dave Stewart, Operations Division Manager
Tim Robinson, Fisheries Division Manager	William Carter, General Counsel
Carinna Butler, Administrative Assistant	

Others Present:

Ryan Drake, Goleta Water District

2. Public Comment

There were no public comments.

3. Resolution No. 663 – COMB Proposed Fiscal Year 2018-19 Operating Budget

Ms. Gingras presented the COMB Proposed Fiscal Year 2018-19 Operating Budget along with Resolution No. 663 as provided in the board packet. Mr. Lyons gave a PowerPoint presentation to provide the Board an overview of the COMB Proposed Operating Budget. Mr. Lyons and Ms. Gingras fielded questions from the Board.

Mr. Degner and Mr. Stewart outlined the 5-Year Infrastructure Improvement Plan (IIP) and its scoring matrix along with the Special Projects for the Board. Mr. Degner and Mr. Stewart fielded questions from the Board.

Mr. Robinson presented the Habitat Improvement Plan (HIP) and highlighted the projected off setting Trust Fund and grant revenues. Mr. Robinson fielded questions from the Board.

Following a lengthy discussion along with questions and comments, the Board asked that requested changes be implemented and the COMB Proposed Fiscal Year 2018-19 Operating Budget be presented to the Board at the next Regular Board Meeting.

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

The Board went into closed session at 4:35 PM

- a. [Government Code Section 54956.9(d)(4)]
Name of matter: Protest of Member Agency re: Payment of Quarterly Assessments
- b. [Government Code Section 54956.9]
Claim of Mozart re: January 10, 2018 Entry Gate Incident

5. **[CLOSED SESSION]: Conference with Labor Negotiators**

- a. [Government Code Section 54957.6(a)]
Agency designated representatives: Board President
Unrepresented Employee: General Manager

6. **RECONVENE INTO OPEN SESSION**

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

The Board came out of closed session at 6:22 PM

- 4a. Protest of Member Agency re: Payment of Quarterly Assessments
No reportable action.
- 4b. Claim of Mozart re: January 10, 2018 Entry Gate Incident
The Board approved denying the claim of Mr. Mozart, which matter will now be handled by ACWA JPIA.
- 5a. Conference with Labor Negotiators
Delayed until next Regular Board Meeting.

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

This matter was postponed.

8. **Director's Requests for Agenda Items for Future Meeting**

There were no agenda item requests.

9. **Meeting Schedule**

- **June 25, 2018 Regular Board Meeting at 2:00 PM, COMB Office**
- **Board Packages available on COMB Website www.cachuma-board.org**

10. **COMB Adjournment**

There being no further business, the meeting adjourned at 6:23 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

APPROVED:

Doug Morgan, President of the Board

	<i>Approved</i>
✓	<i>Unapproved</i>

MINUTES OF A REGULAR MEETING
of the
CACHUMA OPERATION AND MAINTENANCE BOARD
held at
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, June 25, 2018

1. Call to Order, Roll Call

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

Directors Present:

W. Douglas Morgan, Montecito Water District
Kristen Sneddon, City of Santa Barbara
Polly Holcombe, Carpinteria Valley Water District
Lauren Hanson, Goleta Water District

Staff Present:

Janet Gingras, General Manager	Joel Degner, Water Resources Engineer
Edward Lyons, Administrative Manager/CFO	Tim Robinson, Fisheries Division Manager
David Flora, Water Service Worker III	Carinna Butler, Administrative Assistant
William Carter, General Counsel	

Others Present:

Fray Crease, SB County Water Agency	Philip Walker, Santa Barbara resident
Mark Preston, Santa Ynez Women's Watch	

2. Public Comment

Mr. Walker shared with the Board information on different ways to reduce or help mitigate evaporation.

3. Consent Agenda

Ms. Gingras presented the Consent Agenda as provided in the board packet. Ms. Gingras fielded questions from the Board.

a. Minutes

- Minutes of May 21, 2018 Regular Board Meeting

b. Investment of Funds

- Financial Reports
- Investment Reports

c. Review of Paid Claims

Director Holcombe made a motion to approve the Consent Agenda as presented. Seconded by Director Hanson; the motion passed by 6/0/1/0 vote:

Ayes: Sneddon, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

4. Verbal Reports From Board Committees

- *Administrative Committee Meeting – May 23, 2018:* Director Morgan presented the items and noted that the items will be discussed separately within staff reports.
- *Operations Committee Meeting – June 20, 2018:* Director Sneddon highlighted in detail the Committee agenda items discussed and noted that the items will also be discussed separately within staff reports.

5. Fiscal Year 2018-19 Elections and Appointments of Cachuma Operation and 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. Nominations closed, and President Morgan was re-elected Board President, the motion passed by 6/0/1/0 vote:

Ayes: Sneddon, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

b. Election of Vice-President

Director Holcombe nominated Director Hanson for continued service as Board Vice-President. Nominations closed. Seconded by President Morgan; the motion passed by 4/0/1/2 vote:

Ayes: Sneddon, Holcombe, Morgan

Nayes:

Absent: Walsh

Abstain: Hanson

- 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 Hanson made a motion to re-appoint Director Morgan and Ms. Gingras as the ACWA/JPIA Representative and Alternate for the new Fiscal Year term. Director Hanson also included in her motion the re-appointment of General Counsel, Secretary of the Board and Treasurer and Auditor-Controller. Seconded by Director Holcombe; the motion passed by 6/0/1/0 vote:

Ayes: Sneddon, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

6. Resolution No. 663 – COMB Proposed Fiscal Year 2018-19 Operating Budget

Ms. Gingras presented the COMB Proposed Fiscal Year 2018-19 Operating Budget along with Resolution No. 663 as provided in the board packet. Ms. Gingras and Mr. Lyons reviewed with the Board the changes that were made per the Board's recommendations during the June 11th Special Board meeting. Ms. Gingras and Mr. Lyons fielded questions from the Board. Director Holcombe made a motion to adopt Resolution No. 663 and to approve the Fiscal Year 2018-19 COMB Draft Operating Budget as modified. Seconded by Director Hanson; the motion passed by 6/0/1/0 vote:

Ayes: Sneddon, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

7. Cachuma Conveyance Operations – FY 2018-19

Mr. Degner presented this item as provided in the board packet to delay deployment of the EPFP and to authorize the General Manager to execute Change Order No. 17 with Cushman Contracting Corporation in an amount not to exceed \$178,375. Mr. Degner gave a PowerPoint presentation to provide information on the Cachuma Conveyance Operations FY 2018-19. Mr. Degner highlighted that COMB shared the lake model imports and exports totals with Santa Ynez River Water Conservation District (SYRWCD) and that their forecasts matched COMB's projected forecasts. Ms. Gingras and Mr. Degner fielded questions from the Board. Director Sneddon made a motion to approve the delayed deployment of the EPFP and to authorize the General Manager to execute Change Order No. 17 with Cushman Contracting Corporation in an amount not to exceed \$178,375. Seconded by Director Holcombe; the motion passed by 6/0/1/0 vote:

Ayes: Sneddon, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

8. Sycamore Canyon Slope Stabilization Project

Mr. Degner presented this item as provided in the board packet to authorize the General Manager to modify the Professional Services Agreement (PSA) with Flowers and Associates, Inc. for the Sycamore Canyon Slope Stabilization Project in an amount not to exceed \$41,000 for final design and bid services for a total contract amount of \$178,200. Mr. Degner fielded questions from the Board. Director Holcombe made a motion to approve and authorize the General Manager to modify the PSA with Flowers and Associates, Inc. in an amount not to exceed \$41,000 for final design and bid services for a total contract amount of \$178,200. Seconded by Director Sneddon; the motion passed by 6/0/1/0 vote:

Ayes: Sneddon, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

9. Scopes of Work - Fisheries Division Professional Consulting Services for Fiscal Year 2018-19

Mr. Robinson presented the Scopes of Work for Fisheries Division Consultants for Fiscal Year 2018-19. The item was previously brought before the Fisheries Committee at the May 17, 2018 meeting. Mr. Robinson fielded questions from the Board. Director Sneddon made a motion to approve the Fiscal Year 2018-19 Scopes of Work and sole-source justification for the identified consultant and authorized execution of the corresponding PSA for HDR as presented. Seconded by Director Holcombe; the motion passed by 6/0/1/0 vote:

Ayes: Sneddon, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

10. General Manager Report

- Meetings
- Administration
- Operations / Engineer Activities

Ms. Gingras presented topics within her report as provided in the board packet highlighting the status of the draft template for the Cachuma Project Transferred Project Works (O&M) contract currently with Reclamation and the ACWA/JPIA Risk Assessment inspection that will be

conducted later this week. Ms. Gingras also reported on various staff activities with regard to the Arroyo Paredon Bridge Replacement Project. Ms. Gingras fielded questions from the Board.

11. Water Resources Engineer Report

- Climate Conditions
- Lake Cachuma Evaporation Update
- Grant Funding Activities
- Infrastructure Improvement Planning

Mr. Degner presented the monthly Water Resources Engineer Report as provided in the board packet highlighting climate conditions, the Lake Cachuma evaporation update, grant funding activities and the status of infrastructure improvement projects. Mr. Degner fielded questions from the Board.

12. Operations Division Report

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. Flora presented the report on behalf of Operations Division Manager and gave a detailed summary of the Divisions tasks and activities for the month. Mr. Flora fielded questions from the Board.

13. Fisheries Division Report

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

Mr. Robinson presented topics within his report as provided in the board packet. Mr. Robinson offered further detail on recent Fisheries Division activities highlighting the Annual Monitoring Report process. Mr. Robinson fielded questions from the Board.

14. Progress Report on Lake Cachuma Oak Tree Program

- Maintenance and Monitoring

Mr. Robinson presented topics within his report as provided in the board packet highlighting staff's ongoing mitigation efforts for the Oak Tree Program.

15. 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 incorporated in the board packet. Ms. Gingras fielded questions from the Board.

16. Directors' Request for Agenda Items for Future Meeting

- There were no agenda item requests.

17. [CLOSED SESSION]: Conference with Legal Counsel: Existing and Potential Litigation

The Board went into closed session at 4:00 PM.

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

18. [CLOSED SESSION]: Conference with Labor Negotiators

- a. [Government Code Section 54957.6(a)]
Agency designated representatives: Board President
Unrepresented Employee: General Manager

19. RECONVENE INTO OPEN SESSION

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

The Board came out of closed session at 5:22 PM.

Item #17a – There was no reportable action.

Item #18a – Board approved a 2.8% COLA plus performance, for General Manager Janet Gingras retroactive to her anniversary date of April 1st.

20. Meeting Schedule

- **July 23, 2018 at 2:00 PM, COMB Office**
- **Board Packages Available on COMB Website www.cachuma-board.org**

21. **COMB Adjournment**

There being no further business, the meeting adjourned at 5:23 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

APPROVED:

Doug Morgan, President of the Board

	<i>Approved</i>
✓	<i>Unapproved</i>

Cachuma Operation & Maintenance Board
Statement of Net Position
As of June 30, 2018
UNAUDITED FINANCIALS

ASSETS

Current Assets

Checking/Savings

Trust Funds

1210 · Warren Act Trust Fund 752,964.82

1220 · Renewal Fund 10,215.61

Total Trust Funds 763,180.43

1050 · General Fund 532,542.26

1100 · Revolving Fund 22,761.52

Total Checking/Savings 1,318,484.21

Accounts Receivable

1301 · Accounts Receivable 102,114.00

1320 · Quarterly Assessments Receivable 251,984.00

1325 · Bank Loan Receivable - EPPF 115,862.54

Total Accounts Receivable 469,960.54

Other Current Assets

1010 · Petty Cash 500.00

1200 · LAIF 2,027,905.05

1303 · Bradbury SOD Act Assessment Receivable 190,101.00

1304 · Lauro Dam SOD Assessment Receivable 29,472.92

1400 · Prepaid Insurance 19,432.72

Total Other Current Assets 2,267,411.69

Total Current Assets 4,055,856.44

Fixed Assets

1500 · Vehicles 411,918.76

1505 · Office Furniture & Equipment 443,923.41

1510 · Mobile Offices 97,803.34

1515 · Field Equipment 563,100.87

1525 · Paving 38,351.00

1550 · Accumulated Depreciation -1,407,786.02

Total Fixed Assets 147,311.36

Other Assets

1910 · LT Bradbury SOD Act Assessment Receivable 4,875,720.07

1920 · LT Lauro SOD Act Assessment Receivable 865,427.91

1922 · Deferred Outflow of Resources (GASB 68) 422,161.00

Total Other Assets 6,163,308.98

TOTAL ASSETS 10,366,476.78

Cachuma Operation & Maintenance Board
Statement of Net Position
As of June 30, 2018
UNAUDITED FINANCIALS

LIABILITIES & NET POSITION

Liabilities

Current Liabilities

Accounts Payable

2200 · Accounts Payable 273,153.30

Total Accounts Payable 273,153.30

Other Current Liabilities

2550 · Vacation/Sick 143,385.84

2561 · Bradbury Dam SOD Act 190,111.66

2563 · Laura Dam SOD Act 29,472.92

2565 · Accrued Interest SOD Act 66,595.00

2567 · Loan Payable Current EPFP 402,389.08

2590 · Deferred Revenue 763,180.43

Total Other Current Liabilities 1,595,134.93

Total Current Liabilities 1,868,288.23

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury 4,875,710.07

2603 · LT SOD Act Liability - Lauro 865,427.91

2604 · OPEB LT Liability 1,054,948.00

2605 · Loan Payable Principal - EPFP 945,561.52

2610 · Net Pension Liability (GASB 68) 1,527,915.00

2611 · Deferred Inflow of Resources (GASB 68) 149,427.00

Total Long Term Liabilities 9,418,989.50

Total Liabilities 11,287,277.73

Net Position

3000 · Opening Bal Net Position -1,356,592.05

3901 · Retained Net Assets -860,682.51

Net Income 1,296,473.61

Total Net Position -920,800.95

TOTAL LIABILITIES & NET POSITION 10,366,476.78

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals July 2017 - Jun 2018

	Fisheries				Operations				TOTAL			
	Jul '17 - Jun 18	Budget	\$ Over Budget	% of Budget	Jul '17 - Jun 18	Budget	\$ Over Budget	% of Budget	Jul '17 - Jun 18	Budget	\$ Over Budget	% of Budget
Revenue												
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	791,492.00	821,492.00	-30,000.00	96.35%	2,833,188.00	2,893,190.00	-60,002.00	97.93%	3,624,680.00	3,714,682.00	-90,002.00	97.58%
3006 · Warren Act	590,018.70	620,361.00	-30,342.30	95.11%	0.00				590,018.70	620,361.00	-30,342.30	95.11%
3009 · Pmts - Member Agencies - EPFP	0.00				463,450.21				463,450.21	0.00	463,450.21	100.0%
3010 · Interest Income	0.00				10,681.76				10,681.76	0.00	10,681.76	100.0%
3020 · Misc Income	8,122.74				295.13				8,417.87	0.00	8,417.87	100.0%
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%
3037 · Grant-QC Crossing #5	0.00	893,287.00	-893,287.00	0.0%	0.00				0.00	893,287.00	-893,287.00	0.0%
3038 · Log Boom Match	0.00				65,000.00				65,000.00	0.00	65,000.00	100.0%
3090 · Proceeds - Disp of Fixed Asset	4,201.00				0.00				4,201.00	0.00	4,201.00	100.0%
Total 3000 REVENUE	1,483,834.44	2,425,140.00	-941,305.56	61.19%	3,372,615.10	2,893,190.00	479,425.10	116.57%	4,856,449.54	5,318,330.00	-461,880.46	91.32%
Total Income	1,483,834.44	2,425,140.00	-941,305.56	61.19%	3,372,615.10	2,893,190.00	479,425.10	116.57%	4,856,449.54	5,318,330.00	-461,880.46	91.32%
Gross Profit	1,483,834.44	2,425,140.00	-941,305.56	61.19%	3,372,615.10	2,893,190.00	479,425.10	116.57%	4,856,449.54	5,318,330.00	-461,880.46	91.32%
Expense												
3100 · LABOR - OPERATIONS	0.00				654,542.19	789,107.00	-134,564.81	82.95%	654,542.19	789,107.00	-134,564.81	82.95%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				34,491.49	30,000.00	4,491.49	114.97%	34,491.49	30,000.00	4,491.49	114.97%
3202 · Fixed Capital	0.00				1,358.73	15,000.00	-13,641.27	9.06%	1,358.73	15,000.00	-13,641.27	9.06%
3203 · Equipment Rental	0.00				1,320.49	5,000.00	-3,679.51	26.41%	1,320.49	5,000.00	-3,679.51	26.41%
3204 · Miscellaneous	0.00				4,420.80	5,000.00	-579.20	88.42%	4,420.80	5,000.00	-579.20	88.42%
Total 3200 VEH & EQUIPMENT	0.00				41,591.51	55,000.00	-13,408.49	75.62%	41,591.51	55,000.00	-13,408.49	75.62%
3300 · CONTRACT LABOR												
3301 · Conduit, Meter, Valve & Misc	0.00				11,585.66	20,000.00	-8,414.34	57.93%	11,585.66	20,000.00	-8,414.34	57.93%
3302 · Buildings & Roads	0.00				6,819.40	20,000.00	-13,180.60	34.1%	6,819.40	20,000.00	-13,180.60	34.1%
3303 · Reservoirs	0.00				0.00	30,000.00	-30,000.00	0.0%	0.00	30,000.00	-30,000.00	0.0%
3304 · Engineering, Misc Services	0.00				2,926.50	25,000.00	-22,073.50	11.71%	2,926.50	25,000.00	-22,073.50	11.71%
Total 3300 · CONTRACT LABOR	0.00				21,331.56	95,000.00	-73,668.44	22.45%	21,331.56	95,000.00	-73,668.44	22.45%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				7,623.96	65,000.00	-57,376.04	11.73%	7,623.96	65,000.00	-57,376.04	11.73%
3402 · Buildings & Roads	0.00				4,582.55	8,000.00	-3,417.45	57.28%	4,582.55	8,000.00	-3,417.45	57.28%
3403 · Reservoirs	0.00				1,505.28	5,000.00	-3,494.72	30.11%	1,505.28	5,000.00	-3,494.72	30.11%
Total 3400 · MATERIALS & SUPPLIES	0.00				13,711.79	78,000.00	-64,288.21	17.58%	13,711.79	78,000.00	-64,288.21	17.58%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				7,140.14	7,000.00	140.14	102.0%	7,140.14	7,000.00	140.14	102.0%
3502 · Uniforms	0.00				3,318.33	5,000.00	-1,681.67	66.37%	3,318.33	5,000.00	-1,681.67	66.37%
3503 · Communications	0.00				19,031.23	18,000.00	1,031.23	105.73%	19,031.23	18,000.00	1,031.23	105.73%
3504 · USA & Other Services	0.00				2,496.00	4,000.00	-1,504.00	62.4%	2,496.00	4,000.00	-1,504.00	62.4%
3505 · Miscellaneous	0.00				8,317.68	8,000.00	317.68	103.97%	8,317.68	8,000.00	317.68	103.97%
3506 · Training	0.00				290.02	3,000.00	-2,709.98	9.67%	290.02	3,000.00	-2,709.98	9.67%
Total 3500 · OTHER EXPENSES	0.00				40,593.40	45,000.00	-4,406.60	90.21%	40,593.40	45,000.00	-4,406.60	90.21%
4100 · LABOR - FISHERIES	676,476.69	683,374.00	-6,897.31	98.99%	0.00				676,476.69	683,374.00	-6,897.31	98.99%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	25,392.52	15,000.00	10,392.52	169.28%	0.00				25,392.52	15,000.00	10,392.52	169.28%
4280 · Fixed Capital	34,536.77	15,000.00	19,536.77	230.25%	0.00				34,536.77	15,000.00	19,536.77	230.25%
4290 · Miscellaneous	2,889.05	2,500.00	389.05	115.56%	0.00				2,889.05	2,500.00	389.05	115.56%
Total 4200 · VEHICLES & EQUIP - FISHERIES	62,818.34	32,500.00	30,318.34	193.29%	0.00				62,818.34	32,500.00	30,318.34	193.29%
4220 · CONTRACT LABOR - FISHERIES												
4221 · Meters & Valves	104.00	3,000.00	-2,896.00	3.47%	0.00				104.00	3,000.00	-2,896.00	3.47%
4222 · Fish Projects Maintenance	7,602.99	25,000.00	-17,397.01	30.41%	0.00				7,602.99	25,000.00	-17,397.01	30.41%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals July 2017 - Jun 2018

	Fisheries				Operations				TOTAL			
	Jul '17 - Jun 18	Budget	\$ Over Budget	% of Budget	Jul '17 - Jun 18	Budget	\$ Over Budget	% of Budget	Jul '17 - Jun 18	Budget	\$ Over Budget	% of Budget
Total 4220 · CONTRACT LABOR - FISHERIES	7,706.99	28,000.00	-20,293.01	27.53%	0.00				7,706.99	28,000.00	-20,293.01	27.53%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	4,276.96	7,000.00	-2,723.04	61.1%	0.00				4,276.96	7,000.00	-2,723.04	61.1%
4300 · MATERIALS/SUPPLIES - FISHERIES - Other	79.05				0.00				79.05	0.00	79.05	100.0%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	4,356.01	7,000.00	-2,643.99	62.23%	0.00				4,356.01	7,000.00	-2,643.99	62.23%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	3,881.36	2,500.00	1,381.36	155.25%	0.00				3,881.36	2,500.00	1,381.36	155.25%
Total 4500 · OTHER EXPENSES - FISHERIES	3,881.36	2,500.00	1,381.36	155.25%	0.00				3,881.36	2,500.00	1,381.36	155.25%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				8,291.39	12,000.00	-3,708.61	69.1%	8,291.39	12,000.00	-3,708.61	69.1%
5001 · Director Mileage	0.00				601.66	1,000.00	-398.34	60.17%	601.66	1,000.00	-398.34	60.17%
5100 · Legal	0.00				70,204.26	75,000.00	-4,795.74	93.61%	70,204.26	75,000.00	-4,795.74	93.61%
5101 · Audit	0.00				17,668.90	21,625.00	-3,956.10	81.71%	17,668.90	21,625.00	-3,956.10	81.71%
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				27,302.76	50,551.00	-23,248.24	54.01%	27,302.76	50,551.00	-23,248.24	54.01%
5310 · Postage/Office Exp	0.00				5,587.33	5,000.00	587.33	111.75%	5,587.33	5,000.00	587.33	111.75%
5311 · Office Equip/Leases	0.00				8,159.47	9,200.00	-1,040.53	88.69%	8,159.47	9,200.00	-1,040.53	88.69%
5312 · Misc Admin Expenses	0.00				13,568.58	8,600.00	4,968.58	157.77%	13,568.58	8,600.00	4,968.58	157.77%
5313 · Communications	0.00				8,564.34	8,500.00	64.34	100.76%	8,564.34	8,500.00	64.34	100.76%
5314 · Utilities	0.00				9,168.33	9,737.00	-568.67	94.16%	9,168.33	9,737.00	-568.67	94.16%
5315 · Membership Dues	0.00				8,490.19	8,500.00	-9.81	99.89%	8,490.19	8,500.00	-9.81	99.89%
5316 · Admin Fixed Assets	0.00				3,704.49	3,000.00	704.49	123.48%	3,704.49	3,000.00	704.49	123.48%
5318 · Computer Consultant	0.00				12,537.65	15,000.00	-2,462.35	83.58%	12,537.65	15,000.00	-2,462.35	83.58%
5325 · Emp Training/Subscriptions	0.00				2,185.63	2,000.00	185.63	109.28%	2,185.63	2,000.00	185.63	109.28%
5330 · Admin Travel/Conferences	0.00				122.34	2,000.00	-1,877.66	6.12%	122.34	2,000.00	-1,877.66	6.12%
5331 · Public Information	0.00				604.90	1,000.00	-395.10	60.49%	604.90	1,000.00	-395.10	60.49%
5317 · Admin Contract Labor	0.00				16,385.89	7,500.00	8,885.89	218.48%	16,385.89	7,500.00	8,885.89	218.48%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				213,148.11	245,213.00	-32,064.89	86.92%	213,148.11	245,213.00	-32,064.89	86.92%
5299 · ADMIN LABOR	0.00				500,593.89	560,870.00	-60,276.11	89.25%	500,593.89	560,870.00	-60,276.11	89.25%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	12,518.90	20,000.00	-7,481.10	62.6%	0.00				12,518.90	20,000.00	-7,481.10	62.6%
5410 · Postage / Office Supplies	3,271.86	4,000.00	-728.14	81.8%	0.00				3,271.86	4,000.00	-728.14	81.8%
5411 · Office Equipment / Leases	4,393.41	5,218.00	-824.59	84.2%	0.00				4,393.41	5,218.00	-824.59	84.2%
5412 · Misc. Admin Expense	7,418.23	5,610.00	1,808.23	132.23%	0.00				7,418.23	5,610.00	1,808.23	132.23%
5413 · Communications	5,501.02	4,305.00	1,196.02	127.78%	0.00				5,501.02	4,305.00	1,196.02	127.78%
5414 · Utilities	4,936.68	5,243.00	-306.32	94.16%	0.00				4,936.68	5,243.00	-306.32	94.16%
5415 · Membership Dues	5,450.48	5,500.00	-49.52	99.1%	0.00				5,450.48	5,500.00	-49.52	99.1%
5416 · Admin Fixed Assets	0.00	3,000.00	-3,000.00	0.0%	0.00				0.00	3,000.00	-3,000.00	0.0%
5417 · Admin Contract Labor	8,823.03	4,000.00	4,823.03	220.58%	0.00				8,823.03	4,000.00	4,823.03	220.58%
5418 · Computer Consultant	6,750.96	5,000.00	1,750.96	135.02%	0.00				6,750.96	5,000.00	1,750.96	135.02%
5425 · Employee Education/Subscription	2,423.76	2,500.00	-76.24	96.95%	0.00				2,423.76	2,500.00	-76.24	96.95%
5426 · Director Fees	4,464.61	6,500.00	-2,035.39	68.69%	0.00				4,464.61	6,500.00	-2,035.39	68.69%
5427 · Director Mileage	278.84	500.00	-221.16	55.77%	0.00				278.84	500.00	-221.16	55.77%
5430 · Travel	1,710.36	2,500.00	-789.64	68.41%	0.00				1,710.36	2,500.00	-789.64	68.41%
5431 · Public Information	325.57	1,500.00	-1,174.43	21.71%	0.00				325.57	1,500.00	-1,174.43	21.71%
5441 · Audt	9,137.10	7,175.00	1,962.10	127.35%	0.00				9,137.10	7,175.00	1,962.10	127.35%
5443 · Liab & Property Ins	14,701.49	24,745.00	-10,043.51	59.41%	0.00				14,701.49	24,745.00	-10,043.51	59.41%
Total 5400 · GENERAL & ADMIN - FISHERIES	92,106.30	107,296.00	-15,189.70	85.84%	0.00				92,106.30	107,296.00	-15,189.70	85.84%
5499 · ADMIN LABOR-FISHERIES	188,239.99	221,470.00	-33,230.01	85.0%	0.00				188,239.99	221,470.00	-33,230.01	85.0%
5510 · Integrated Reg. Water Mgt Plan	0.00				2,408.83	5,000.00	-2,591.17	48.18%	2,408.83	5,000.00	-2,591.17	48.18%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals July 2017 - Jun 2018

	Fisheries				Operations				TOTAL			
	Jul '17 - Jun 18	Budget	\$ Over Budget	% of Budget	Jul '17 - Jun 18	Budget	\$ Over Budget	% of Budget	Jul '17 - Jun 18	Budget	\$ Over Budget	% of Budget
6000 · SPECIAL PROJECTS												
6062 · SCADA	0.00				8,634.53	20,000.00	-11,365.47	43.17%	8,634.53	20,000.00	-11,365.47	43.17%
6090 · COMB Office Building	0.00				2,239.19	20,000.00	-17,760.81	11.2%	2,239.19	20,000.00	-17,760.81	11.2%
6096 · SCC Structure Rehabilitation	0.00				63,424.71	225,000.00	-161,575.29	28.19%	63,424.71	225,000.00	-161,575.29	28.19%
6096-2 · SCC Str Rehab Thomas DebrisFlow	0.00				17,692.57				17,692.57	0.00	17,692.57	100.0%
6097 · GIS and Mapping	0.00				14,918.19	10,000.00	4,918.19	149.18%	14,918.19	10,000.00	4,918.19	149.18%
6105 · ROW Management Program	0.00				17,478.32	20,000.00	-2,521.68	87.39%	17,478.32	20,000.00	-2,521.68	87.39%
6118 · Repair Lateral 3 Structure	0.00				13,997.49	100,000.00	-86,002.51	14.0%	13,997.49	100,000.00	-86,002.51	14.0%
6120 · Emergency Pumping Fac Project	0.00				156,455.50	223,000.00	-66,544.50	70.16%	156,455.50	223,000.00	-66,544.50	70.16%
6120-2 · EPPF C/O FY 2016	0.00				0.00	-223,000.00	223,000.00	0.0%	0.00	-223,000.00	223,000.00	0.0%
6122 · Rehab San Antonio Crk Blow-off	0.00				2,682.76	35,000.00	-32,317.24	7.67%	2,682.76	35,000.00	-32,317.24	7.67%
6130 · NP Slope Stabilization	0.00				69,030.28	103,694.45	-34,664.17	66.57%	69,030.28	103,694.45	-34,664.17	66.57%
6130-1 · NP Slope Stabil C/O Funds FY 16	0.00				0.00	-73,694.45	73,694.45	0.0%	0.00	-73,694.45	73,694.45	0.0%
6132 · Sycamore Canyon Slope Stabiliz	0.00				115,172.20	300,000.00	-184,827.80	38.39%	115,172.20	300,000.00	-184,827.80	38.39%
6133 · Meter Replacement Project	0.00				0.00	100,000.00	-100,000.00	0.0%	0.00	100,000.00	-100,000.00	0.0%
6134 · N.P. IT/Control Bldg Seismic	0.00				0.00	100,000.00	-100,000.00	0.0%	0.00	100,000.00	-100,000.00	0.0%
6135 · SCC San Jose Creek Pipe Stabili	0.00				0.00	60,000.00	-60,000.00	0.0%	0.00	60,000.00	-60,000.00	0.0%
Total 6000 · SPECIAL PROJECTS	0.00				481,725.74	1,020,000.00	-538,274.26	47.23%	481,725.74	1,020,000.00	-538,274.26	47.23%
6200 · FISHERIES ACTIVITIES												
6201 · FMP Implementation	59,243.98	60,000.00	-756.02	98.74%	0.00				59,243.98	60,000.00	-756.02	98.74%
6202 · GIS and Mapping	12,858.25	10,000.00	2,858.25	128.58%	0.00				12,858.25	10,000.00	2,858.25	128.58%
6203 · Grants Technical Support	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	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	81,591.67	100,000.00	-18,408.33	81.59%	0.00				81,591.67	100,000.00	-18,408.33	81.59%
6206 · Tri County Fish Team Funding	0.00	5,000.00	-5,000.00	0.0%	0.00				0.00	5,000.00	-5,000.00	0.0%
6207 · Oak Tree Restoration Program	13,529.31	40,000.00	-26,470.69	33.82%	0.00				13,529.31	40,000.00	-26,470.69	33.82%
Total 6200 · FISHERIES ACTIVITIES	167,223.21	233,000.00	-65,776.79	71.77%	0.00				167,223.21	233,000.00	-65,776.79	71.77%
6300 · HABITAT ENHANCEMENT												
6318 · Quiota Creek Crossing 9	118,457.14	30,000.00	88,457.14	394.86%	0.00				118,457.14	30,000.00	88,457.14	394.86%
6319 · Mission Creek at Hwy 192	0.00	30,000.00	-30,000.00	0.0%	0.00				0.00	30,000.00	-30,000.00	0.0%
6303 · Tributary Projects Support	19,992.47	20,000.00	-7.53	99.96%	0.00				19,992.47	20,000.00	-7.53	99.96%
6315 · Quiota Creek Crossing 8	680.00	60,000.00	-59,320.00	1.13%	0.00				680.00	60,000.00	-59,320.00	1.13%
6316 · Quiota Creek Crossing 5	163,187.76	960,000.00	-796,812.24	17.0%	0.00				163,187.76	960,000.00	-796,812.24	17.0%
6317 · Salsipuedes Fish Ladder Repair	3,127.79	10,000.00	-6,872.21	31.28%	0.00				3,127.79	10,000.00	-6,872.21	31.28%
Total 6300 · HABITAT ENHANCEMENT	305,445.16	1,110,000.00	-804,554.84	27.52%	0.00				305,445.16	1,110,000.00	-804,554.84	27.52%
7007 · INTEREST EXPENSE-EPPF	0.00				67,548.69				67,548.69	0.00	67,548.69	100.0%
Total Expense	1,508,254.05	2,425,140.00	-916,885.95	62.19%	2,037,195.71	2,893,190.00	-855,994.29	70.41%	3,545,449.76	5,318,330.00	-1,772,880.24	66.67%
Net Surplus/Deficit	-24,419.61	0.00	-24,419.61	100.0%	1,335,419.39	0.00	1,335,419.39	100.0%	1,310,999.78	0.00	1,310,999.78	100.0%

AMERICAN RIVIERA BANK

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



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

Page 1

ACCOUNT ANALYSIS CHECKING

Account No
Statement Date 06/29/2018
Last Statement Date 05/31/2018

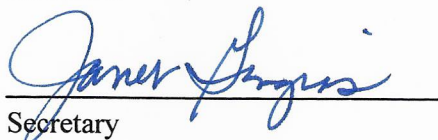
0	Statement Period	
Previous Balance	10,215.61	# Of Days-Stmt Period 29
0 Deposits/Credits	0.00	
0 Checks/Withdrawals	0.00	Average Balance 10,215.61
Ending Balance	10,215.61	
Total Srv Chg Today	0.00	YTD Interest 0.00

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Janet Gingras, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of June, 2018, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank investments of this agency for the period indicated.


Secretary

AMERICAN RIVIERA BANK

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



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

Page 1

ACCOUNT ANALYSIS CHECKING

Account No
Statement Date 06/29/2018
Last Statement Date 05/31/2018

0	Statement Period	
Previous Balance	860,274.32	# Of Days-Stmt Period 29
0 Deposits/Credits	0.00	
0 Checks/Withdrawals	0.00	Average Balance 860,274.32
Ending Balance	860,274.32	
Total Srv Chg Today	0.00	YTD Interest 0.00

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Janet Gingras, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of June, 2018, 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

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

www.treasurer.ca.gov/pmia-laif/laif.asp
July 06, 2018

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 2018 Statement

Account Summary

Total Deposit:	0.00	Beginning Balance:	2,027,905.05
Total Withdrawal:	0.00	Ending Balance:	2,027,905.05

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, 2018, 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

Cachuma Operation & Maintenance Board

Paid Claims

As of June 30, 2018

Date	Num	Name	Memo	Amount
1050 - General Fund				
06/06/2018	26096	COMB-Petty Cash	Reimburse petty cash	-489.27
06/06/2018	26097	Accountemps	Temp Office Admin Labor W/E 5/25/18 (FD & DT)	-1,838.60
06/06/2018	26098	AT&T	Long Distance Charges - May	-951.81
06/06/2018	26099	Business Card	Office Supplies, COMB Letterhead, Amazon Prime Subscription, Logmein Subscription	-1,288.19
06/06/2018	26100	City of Santa-Barbara	Trash/Recycle - May	-223.05
06/06/2018	26101	County of Santa Barbara-Public Works	Permit Deposit - Quiota Creek Xing 9	-10,000.00
06/06/2018	26102	Culligan of Sylmar	RO System - May	-27.95
06/06/2018	26103	ECHO Communications	Answering Service - May	-67.00
06/06/2018	26104	J&C Services	Office Cleaning Service - May	-600.00
06/06/2018	26105	MarBorg Industries	Portable Toilet Service - Outlying Stations	-241.40
06/06/2018	26106	Nestle Pure Life Direct	Three 5 gal deposits	-37.34
06/06/2018	26107	O'Reilly Automotive, Inc.	Miscellaneous Supplies (Ops)	-40.15
06/06/2018	26108	Paychex, Inc. (Payroll)	Payroll Services - 5/4, 5/18 & 6/1	-508.33
06/06/2018	26109	Southern California Edison	COMB Office & Outlying Stations electricity - May	-1,138.66
06/06/2018	26110	Staples Credit Plan	General Office Supplies	-616.90
06/06/2018	26111	Turenchalk Network Services, Inc.	Network Support & Services - May	-2,569.40
06/06/2018	26112	Underground Service Alert of So. Calif.	Dig Alert Ticket Charges - May	-297.10
06/06/2018	26113	Wells Fargo Vendor Fin Serv	Copier Lease - TASKalfa 3051ci - May	-134.85
06/15/2018	26114	Accountemps	Temp Office Admin Labor W/E 6/1/18 (DT)	-1,470.93
06/15/2018	26115	All-Cal Equipment Service, Inc.	Annual inspection of intake tower hoist (Ops)	-405.00
06/15/2018	26116	Aqua-Flo Supply	Miscellaneous Fisheries Supplies	-25.45
06/15/2018	26117	Coastal Copy, LP	Maintenance Contract Task ALFA Printers 6052ci & 3051ci	-851.97
06/15/2018	26118	County of S.B.-P.W. Trans	Oak Tree Mulch	-332.57
06/15/2018	26119	Cox Communications Santa Barbara	Business Internet - June	-140.00
06/15/2018	26120	Employee Relations, Inc.	Background Check (FD)	-98.85
06/15/2018	26121	Frontier Communications	Office Phone, Outlying Stations and SCADA	-1,120.96
06/15/2018	26122	Harrison Hardware	Oak Tree Program Supplies	-20.66
06/15/2018	26123	Home Depot Credit Services	Miscellaneous Supplies (FD & Ops)	-108.74
06/15/2018	26124	OS Systems, Inc.	Repair of Dry Suit (FD)	-366.42
06/15/2018	26125	Paychex, Inc. (Payroll)	Payroll Services - 5/4, 5/18 & 6/1	-508.33
06/15/2018	26126	Premiere Global Services	Conference Calls - May	-22.01
06/15/2018	26127	Sansum Clinic-Occupational Medicine	Pre-Employment Physical (FD)	-269.00
06/15/2018	26128	Southern California Edison	Main Office & Outlying Stations	-74.11
06/15/2018	26129	Tri-Co Reprographics	Printing & Collating - Quiota Creek Crossing #9	-198.47
06/15/2018	26130	Wells Fargo Vendor Fin Serv	Lease Payment - TaskALFA 6052ci - May	-276.23
06/15/2018	26131	Wright Express Fleet Services	Fleet Fuel	-2,349.36
06/25/2018	ACH062518A	American Riviera Bank (ARB)	Principal & Interest Pmt - Loan A	-28,123.75
06/25/2018	ACH062518B	American Riviera Bank (ARB)	Principal & Interest Pmt - Loan B	-10,354.21
06/26/2018	26132	Accountemps	Temp Office Admin Labor W/E 6/8 & 6/15/18 (DT) Misc Supplies (Ops/FD), Planter Boxes (COMB Bldg), Lunch USBR Area Training Mtg, GFOA-CAFR Review Fee (Admin), Laser Water Level Indicator (FD)	-3,239.13
06/26/2018	26133	Business Card		-3,019.43
06/26/2018	26134	Crop Production Services, Inc	Rodent Bait (Ops)	-126.08
06/26/2018	26135	Cushman Contracting Corp.	Emergency Pumping System: Pay Req #50-Phase II	-7,000.00
06/26/2018	26136	Federal Express	Shipping (FD)	-21.67
06/26/2018	26137	VOID: Not Issued	VOID: Not Issued	0.00
06/26/2018	26138	HDR Engineering, Inc.	Engineering Svcs - QC X'ing 5 and 9/Habitat Improvement (FD)	-9,852.68
06/26/2018	26139	Instrument & Valve Services Company	Calibration of Equipment (FD)	-1,862.42
06/26/2018	26140	Nargan Fire & Safety, Inc.	Annual Extinguisher Service/Replacement (Ops)	-749.25
06/26/2018	26141	Pacific Rim Automation, Inc.	Purchase & Install Wireless Cellular Modems - SCADA (Sheffield/Carp)	-7,379.33

Paid Claims

As of June 30, 2018

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
06/26/2018	26142	Paychex, Inc. (HR Essentials)	HR Essentials Admin - June	-207.17
06/26/2018	26143	PG&E	San Marcos Road Water Reservoir & Tecolote Tunnel	-401.33
06/26/2018	26144	Pitney Bowes Global Financial Services LL	Quarterly Lease Agreement - Postage Meter (7/10/18-10/9/18)	-436.16
06/26/2018	26145	Rauch Communication Consultants, Inc	Website Update thru 5/23/19	-221.88
06/26/2018	26146	The Gas Company	Gas - Main Office	-3.52
06/26/2018	26147	Wells Fargo Vendor Fin Serv	Copier Lease - TASKalfa 6052ci & 3051ci - June	-411.08
06/27/2018	26148	Fluidigm Corporation	Genetic Monitoring / Dynamic Array IFC for Genotyping (FD)	-14,658.09
Total 1050 - General Fund				<u>-117,776.24</u>
				<u>-117,776.24</u>

APPROVED FOR PAYMENT

Director

Director

Director

CACHUMA OPERATION & MAINTENANCE BOARD

Administrative Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Wednesday, July 18, 2018
1:30 p.m.

AGENDA

1. Call to Order
2. Public Comment (*Public may address the Committee on any subject matter not on the agenda and within the Committee's jurisdiction*)
3. Selection of Auditor for Independent Financial Auditing Services – Fiscal Years 2018-2020 (*for information and possible recommendation*)
4. Draft Director Handbook (*for information and possible recommendation*)
5. OPEB Actuarial Services (*for information*)
6. Consultant Contracts Executed - 4th Quarter Fiscal Year 2017-18 (*for information*)
7. Administrative Division Priorities FY 2018-19 (*for information*)
8. 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 687-4011 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 23, 2018
Submitted by:	Janet Gingras

SUBJECT: Board Committee Appointments for Fiscal Year 2018-19

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 members and alternates for each committee for Fiscal Year 2018-19.

LIST OF EXHIBITS:

1. COMB Committee appointments for Fiscal Year 2017-18

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

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 23,2018
Submitted by:	Janet Gingras

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

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. 672 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. 664 through No. 672 by roll call vote on one motion, unless a member requests separate consideration.

LIST OF EXHIBITS:

1. Resolutions No. 664 through No. 672
2. COMB Regular Board Meeting Schedule

RESOLUTION NO. 664

**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 23, 2018 attached hereto as Exhibit A, is hereby approved and adopted.

PASSED, APPROVED AND ADOPTED this 23rd day of July 2018 by the following roll call vote:

AYES:

NAYES:

ABSENT:

ABSTAIN:

APPROVED:

ATTEST:

President of the Board

Secretary of the Board

RESOLUTION NO. 665

**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, APPROVED AND ADOPTED, by the Board of Directors of COMB, County of Santa Barbara, State of California on July 23, 2018 by the following vote:

AYES:
NAYES:
ABSENT:
ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 666

**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. 650 dated January 22, 2018, and all resolutions preceding it pertaining to said Agreement.

PASSED, APPROVED AND ADOPTED this 23rd day of July 2018 by the following roll call vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 667

**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. 637 dated July 24, 2017, and all resolutions preceding it pertaining to establishing policy for staff to sign checks for payment of claims.

PASSED, APPROVED AND ADOPTED this 23rd day of July 2018, by the following vote:

AYES:
NAYES:
ABSENT:
ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 668

**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. 667 adopted by this Board on July 23, 2018.

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 23rd day of July 2018, by the following vote:

AYES:

NAYES:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 669

**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. 652 dated January 22, 2018, and all resolutions preceding it pertaining to authorized signatories for said account.

PASSED, APPROVED AND ADOPTED this 23rd day of July, 2018, by the following vote:

AYES:

NAYES:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 670

**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. 640 dated July 24, 2017 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 23rd day of July 2018, by the following vote:

AYES:
NAYES:
ABSENT:
ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 671

**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. 670 adopted by this Board on July 23, 2018.

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 23rd day of July 2018 by the following vote:

AYES:

NAYES:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 672

**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. 642 dated July 24, 2017 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 23rd day of July 2018, by the following roll call vote:

AYES:

NAYES:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 23, 2018
Prepared by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: COMB Regular Board Meeting Dates for Fiscal Year 2018-19

The following is the scheduled Regular Board Meeting dates for Fiscal Year 2018-19:

BOARD MEETING DATE	DAY
July 23, 2018	4 th Monday
August 27, 2018	4 th Monday
September 24, 2018	4 th Monday
October 22, 2018	4 th Monday
November 26, 2018	4 th Monday
December 17, 2018*	3 rd Monday
January 28, 2019	4 th Monday
February 25, 2019	4 th Monday
March 25, 2019	4 th Monday
April 22, 2019	4 th Monday
May 20, 2019**	3 rd Monday
June 24, 2019	4 th Monday

**December meeting is on the 3rd Monday, due to the Christmas Holiday*

***May meeting is on the 3rd Monday, due to the Memorial Day Holiday*

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 23, 2018
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: **Selection of Auditor for Independent Financial Auditing Services - Fiscal Years 2018 - 2020**

SUMMARY:

An independent audit report is required to be completed annually by the State Controller's office, the COMB JPA agreement and by various other financial institutions and agencies. An independent audit assures a high level of integrity and accountability for COMB's financial position and internal controls. Starting with fiscal year 2016-17, the annual audit consisted of a more thorough and detailed review of COMB's financial records in order to produce a Comprehensive Annual Financial Report (CAFR).

In June, staff prepared and issued a Request for Proposal (RFP) for a three-year external independent auditing services agreement. Staff surveyed CPA firms utilized by other water and local agencies in the area and sent an RFP to six CPA firms. COMB received inquiries from three firms and received proposals from two CPA firms. Both firms who submitted proposals met the qualifications listed in the RFP and are similar in staff size and the number of partners. Bartlett, Pringle & Wolf, LLP responded with the lowest cost proposal for a three year term with a total fee of \$58,500 (or approximately \$19,500/year). This amount excludes fees associated with a potential single audit requirement resulting from federal funds received over \$750k through a state grant award.

Bartlett, Pringle & Wolf LLP has committed to the following CAFR audit schedule for FY 2017-18.

<u>MONTH</u>	<u>KEY DELIVERABLE</u>
September	Audit Field Work / Internal Control Testing Completed
October	Audit Trial Balance Provided to COMB
November	Financial Reporting / CAFR Report Review
December	Presentation to COMB Administrative Committee and Board of Directors

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 as required under California Assembly Bill 1345 which became effective with Fiscal Year 2013-14.

FISCAL IMPACTS:

The FY 2018-19 adopted budget contains funding for this item.

COMMITTEE STATUS:

The Administrative Committee has reviewed the results of the RFP's received for the Fiscal Year 2018 - 2020 COMB financial audit and forwards the selection of Bartlett, Pringle & Wolf, LLP to the Board of Directors with a recommendation to approve.

RECOMMENDATION:

The Board approve the selection of Bartlett, Pringle & Wolf, LLP to perform the Fiscal Year 2018 - 2020 COMB financial audits and authorize the General Manager to execute the engagement agreement.

LIST OF EXHIBITS:

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



July 19, 2018

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 comprise the statement of net position as of June 30, 2018, June 30, 2019, and June 30, 2020, respectively; the related statement of revenues, expenses, and changes in net position; statement of 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.

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 COMB's Proportionate Share of the Net Pension Liability
- California Public Employees' Retirement System Schedule of COMB's Contributions
- Schedule of COMB's Changes in Net OPEB Liability and Related Ratios

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 years ended June 30, 2018, 2019, and 2020.

The statements we present to you will include the following additional information that will not be subject to the auditing procedures applied in our audits of the basic financial statements and for which our report will disclaim an opinion:

- Introductory Section
- Statistical Section

Objective

The objective of our audits 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.

Our audits will be conducted in accordance with GAAS and the standards for financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Our professional standards as defined by GAAS require that we plan and perform the audits 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 audits 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 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 audits or form an opinion, we may disclaim an opinion or not issue a report.

The objective also includes reporting on:

- Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards.

Audit Procedures

Our audits 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 each 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 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 audits are properly planned and performed in accordance with GAAS and Government Auditing Standards. 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. 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.

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. 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.

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 audits of the financial statements that we identify during the audits.

Our responsibility as auditors is, of course, limited to the period covered by our audits 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 reports.

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. 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 reports on the supplementary information in any documents that contain and indicate that we have reported on such supplementary information.

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 audits, 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 the 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 audits 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.

Other Matters

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 audits.

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 the 2018, 2019, and 2020 audits will be \$19,000, \$19,500, and \$20,000, respectively. These estimates are based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audits. 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 work papers 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.

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:

Signature



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 23, 2018

General Manager Report

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

Meetings

- IT Meeting

Administrative staff recently met with our outsourced IT consultant, Trenchalk Network Services, Inc. The purpose of the meeting was to review COMB's server and network systems, identify updates to system requirements and assess current IT protocols, review data disaster recovery practices, as well as, identify potential new risks against cybersecurity threats. The discussion included a review of backup processes, structure hierarchy and access protocols. A review of the inventory of network equipment and workstations was also completed for future replacement considerations.

- Community Wildfire Safety Program – Pacific, Gas, and Electric (PGE) Company

Operations staff attended a meeting hosted by Santa Barbara County Office of Emergency Services related to emergency power outages and planned power outages in times of sustained high temperatures and extreme weather events. PGE provides electrical service to Bradbury Dam and the County Park and presented their new Community Wildfire Safety & Public Safety Power Shutdown (PSPS) Program to the North County Operations Area. The objective of the program is to bolster wildfire prevention and emergency response efforts, enhance safety measures, develop long term plans for infrastructure improvement, and work with communities in implementing new protocols and procedures.

Administration

- ACWA/JPIA Health Insurance Benefits

COMB's health insurance benefits offered to active employees and retirees is provided through ACWA/JPIA. Staff has received preliminary information that, effective calendar year 2019, medical insurance premiums will either remain the same or decrease. In addition, dental and vision plans offered through AWCA/JPIA also have experienced no change in premiums for 2019.

- Contracts Executed by the General Manager

Under the general procurement guidelines, Section 2 of the COMB Procurement Policy authorizes the General Manager to approve expenditures made for official Agency business up to a maximum of \$25,000, provided such expenditures are within the budget, as adopted by the Agency.

Pursuant to the COMB Procurement Policy adopted by the Board, a quarterly report of all contracts executed by the General Manager for the period of April 1, 2018 through June 30, 2018 is presented for information. All contracts exceeding the authorized limit have been previously presented to and approved by the governing Board through respective Committees.

Table 1
Contracts Executed by General Manager
April 1 - June 30, 2018

Vendor Name	Contract Description	Date Executed	Board Approved	Date Expires	Contract Amount
Flowers and Associates, Inc.	Engineering Design Services SCC Blow-off repair - San Antonio Creek	05/07/18	N/A	05/31/19	\$18,600
Flowers and Associates, Inc.	Revised Engineered Design Services - Lauro Access Road	05/08/18	N/A	05/31/18	\$3,000
Total Compensation Systems, Inc.	Actuarial Valuation Services	05/08/18	N/A	09/15/18	\$4,320
Contech Engineered Solutions, Inc.	Quiota Creek Crossing No. 9 Bottomless Arched Culvert	06/06/18	May 2018	10/31/18	\$291,649
Cushman Contracting Corporation	Change Order No. 17 - EPFP	06/27/18	June 2018	N/A	\$178,375
Flowers and Associates, Inc.	Addendum to Sycamore Cyn Slope Engineering Designs	06/28/18	June 2018	12/31/19	\$40,400

- Total Compensation Inc. - Other Post-Employment Benefits (OPEB) Administration

COMB has engaged Total Compensation, Inc. to perform the actuarial valuation related to OPEB requirements under GASB 74/75. Under GASB 75, the Governmental Accounting Standards Board requires valuations to be performed no less than every two years. In addition, a “roll-forward” calculation is also required for every valuation cycle to determine second year accounting entries. The amount of work associated with performing OPEB valuations has dramatically increased under GASB 74/75 standards. COMB is on schedule for the completion of the actuarial valuation for year ending June 30, 2018 and has provided Total Compensation, Inc. information relative to active and retiree demographics and health benefits. The valuation report will be presented to the Administrative Committee once completed.

Operations / Engineer Activities

- Arroyo Paredon Bridge Replacement Project - Caltrans

CalTrans is currently working under emergency status with respect to replacement of the Arroyo Paredon Bridge on Highway 192 in the Carpinteria area. The bridge suffered damage during the debris flow event in January. The South Coast Conduit and USBR right-of-way runs parallel and is located near the project site. Staff received a land use application from Caltrans along with designs and specifications related to the project and impacts on utilities. Per COMB’s land use authorization policy, COMB approved the request for diversion work (minor) and has submitted the plans and details to Reclamation for review and approval. Reclamation has requested additional details from Caltrans on their plans for stream erosion stabilization measures and a plan describing site monitoring after project implementation.

- Sycamore Canyon Slope Stabilization Project

Staff formalized a change to the scope of work related to the Sycamore Canyon Slope Stabilization Project through the Hazard Mitigation Proposal process and presented the request to the State Public Assistance Officer at the California Office of Emergency Services for review and consideration. FEMA had previously approved a scope of work to restore the slope to pre-disaster condition which did not align with the extent of the work needed to repair the hillslope per COMB’s technical consultants. Staff is waiting for a formal response from FEMA prior to commencing with construction. The consulting engineer, Flower’s and Associates, has provided staff with the geotechnical report.

Fisheries Division Activities

All routine 2000 Biological Opinion compliance monitoring has been carried out as required. The compliance monitoring efforts include snorkel surveys, stream flow monitoring, water quality monitoring and lake profiles monitoring. Staff continues to work on the Annual Monitoring Reports. All planted trees in the Lake Cachuma Oak Tree Restoration Program have been maintained with routine care and maintenance activities. The Annual Oak Tree Report has been prepared for committee review and recommendations.

The construction of two restoration projects on Quiota Creek is on schedule with the Crossing 5 Project scheduled to start on Monday, July 23rd and the Crossing 9 Project to start in September. Both projects will be completed prior to the end of the calendar year. The COMB Fisheries Division Manager and Water Resources Engineer attend the ESRI Users Conference in San Diego during the first week in July. Their presentation on the South Coast Conduit was extremely well received.

- Bradbury Dam Outlet Works Valve Testing

Reclamation conducted tests of the Bradbury Dam outlet works 30 inch valves in anticipation of the upcoming water rights release and to monitor the effect to gravity flow to Hilton Creek. COMB Fisheries Division staff was requested by Reclamation to be on site for observation. Hilton Creek is being supplied water by gravity flow through the Hilton Creek Emergency Backup System (HCEBS). As the readings from the flow meter of the HCEBS approached 2 cfs (the minimum BiOp target flow for Hilton Creek), the test was stopped and the flows were slowly returned to the stream discharge rate prior to the test. Throughout the test, the Hilton Creek watering system platform in the lake was not operating.

Respectfully Submitted,

Janet Gingras

General Manager

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: July 23, 2018
TO: Janet Gingras, General Manager
FROM: Joel Degner, Water Resources Engineer
RE: **MONTHLY ENGINEERING REPORT**

The following summary provides the Board with information and an overview of progress by engineering staff.

CLIMATE CONDITIONS AND FORECASTED LAKE ELEVATIONS

According to the United States Drought Monitor, Santa Barbara County is in severe drought (D2) as of July 12, 2018. Engineering staff continues to monitor and model lake elevations (Figure 1). The current forecast tracks with previous modeling efforts. If drought conditions continue in 2018-2019, the Notice to Proceed for the installation of the Emergency Pumping Facility would be needed in mid-March 2019 to have the EPFP operational by September 2019. The National Weather Service Climate Prediction Center has increased the probability for El Nino conditions predicting a 65 percent chance for El Nino during fall 2018 and 70 percent chance for El Nino during winter 2018-19 as of July 12, 2018 (Note: Previously predicted El Nino conditions during the last several years [2012-2018] did not result in above average rainfall for Santa Barbara County).

Table 1. Lake Elevation Projection Scenarios

Parameter	Optimistic	Realistic	Conservative
SCC Exports	80% of Forecast	Forecast	120% of Forecast
CCWA Inflow	Full Capacity	Forecast (80% Full)	Forecast (80% Full)
WR 89-18 Release	8,000 AF	10,000 AF	12,000 AF

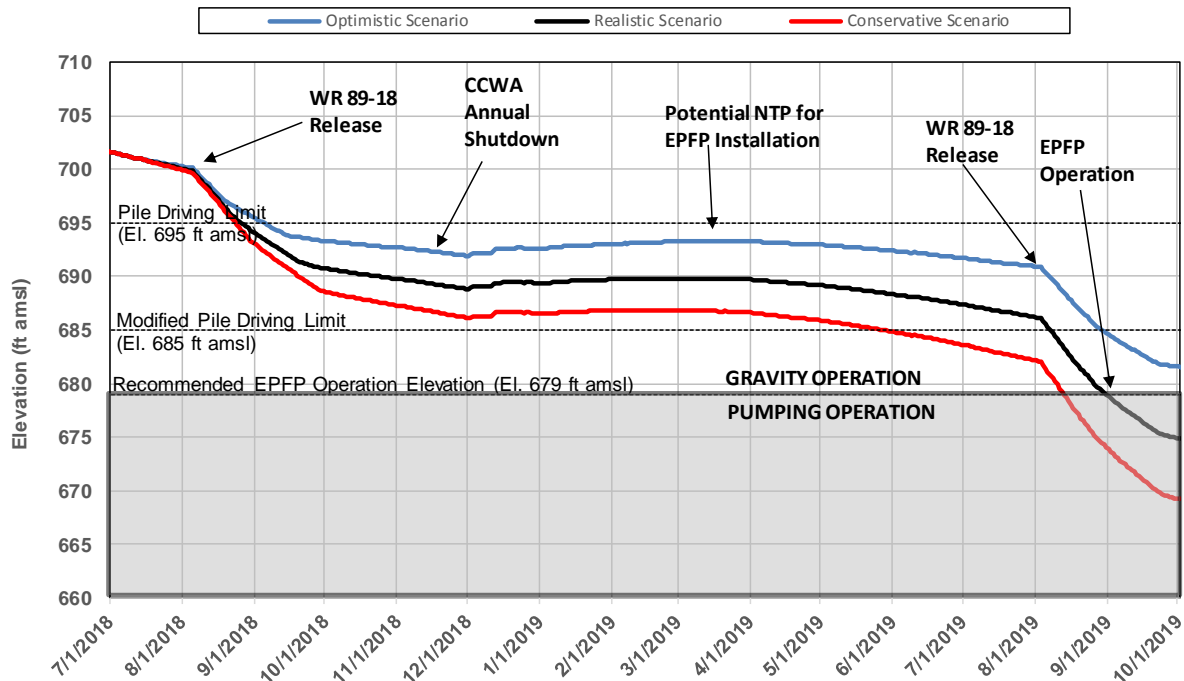


Figure 1. Lake Cachuma Elevation Forecast (as of 7/16/2018) using 2015 Dry Year Hydrology

GRANT FUNDING ACTIVITIES

COMB staff has been working on the formation of a draft Hazard Mitigation Plan to improve eligibility for FEMA Hazard Mitigation Plan Funding. COMB submitted a Notice of Interest for the Sycamore Canyon Slope Stabilization project that was determined eligible by CalOES. The draft Hazard Mitigation Plan will be presented to the Operations Committee for review once completed. The next step would be to submit a subapplication for potential project grant funding.

COMB received notification from the Bureau of Reclamation on June 26, 2018 that the grant application for the Lake Cachuma Evaporation Buoy and Web Portal would not be considered for award. With the current bird protection measures in place, the Lake Cachuma evaporation pan measurements continue to be consistent with the historical median (June pan evaporation 8.83 inches, historical median 8.84 inches). COMB staff continues to track Integrated Regional Water Management Plan (IRWMP) Proposition 1 Funding and re-occurring Bureau of Reclamation grant opportunities.

INFRASTRUCTURE IMPROVEMENT PROJECT STATUS

Table 2 provides a summary of the FY 2018-2019 Infrastructure Improvement Projects. The table has been updated according to COMB's 2018-2019 Operating Budget.

Table 2. Infrastructure Improvement Projects Status

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
Infrastructure Improvement Projects			
Sycamore Canyon Slope Stabilization	Geotechnical report completed and final design is ongoing. Reclamation is completing NEPA analysis.	First phase of the repair in FY 18-19 will focus on stabilizing the eroded slope and fixing the drainage issues. A second phase may be needed in the future to stabilize the overall slope. Work will remain in easement.	November 2018 (Phase I)
SCC Structure Rehabilitation (AVAR/BO)	Schedule A, B, C work to be completed in FY 2018-2019 (Cater WTP to Barker Pass). Next step is to complete the work plans for Sch. A and B with contractor in preparation for shutdown.	Work to be completed in low demand months. Two 3-day shutdowns required which need to be coordinated with Member Agencies demands.	May 2019 (Sch. A, B, C)
Lateral 3 Repair	Construction contract in place, parts ordered, repair scheduled for winter months of FY 2018-2019.	Requires 10-day shutdown in upper reach of the system.	January 2019
Rehabilitate San Antonio Creek Blow-off	Draft design complete. Next step is to finalize design and bid project. Repair planned to be timed with Lateral 3 shutdown in FY 2018-2019.	The repair requires shutdown in upper reach of the system and is planned to occur during Lateral 3 shutdown.	January 2019
SCC Line Valves for Shutdown	Pre-project planning. Determine if installation can be completed with shutdown or if bypass will be required. Next step is RFP preparation.	Additional line valves in the SCC could better facilitate planned maintenance activities.	February 2020
SCC Structure Rehabilitation : Lower Reach Laterals	Staff will work with CWWD on study of lateral shutdowns requirements. Following that work, this project will involve a condition assessment and rehabilitation plan for the Lower Reach laterals.	In order to facilitate shutdowns on the Lower Reach of the SCC, lateral valves may need replacement.	June 2019
Special Projects			
Emergency Pumping Facility Project	Contract and permits in place for re-deployment if necessary. Board approved delay option until the Spring (March/April). Monitoring forecasts and lake levels closely.	Need highly dependent on lake levels and actual downstream releases. Current design requires long lead time in installation before the barge is utilized.	TBD
Lake Cachuma Water Quality and Sediment Management Study	Preparing RFP for project.	Recent wildfires will likely result in decreased water quality and increased sedimentation into Lake Cachuma.	March 2020

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: July 23, 2018
TO: Janet Gingras, General Manager
FROM: David Flora, Operations Division Lead
RE: MONTHLY OPERATIONS DIVISION REPORT

Operations – Report Attached

MONTHLY OPERATIONS DIVISION REPORT



JULY 23, 2018

**CACHUMA OPERATION
& MAINTENANCE BOARD**
DAVID FLORA



Monthly Operations Division Report

Introduction

The Operations Division of the Cachuma Operation and Maintenance Board has the responsibility to operate, repair and maintain all Cachuma Project facilities from the Intake Tower at Lake Cachuma to the Carpinteria Reservoir. 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 continues to improve the system, address deficiencies and identify items to be included in the Infrastructure Improvement Program of work.

Operations Division is responsible for:

- Adequately regulating and maintaining the diversion of water from Lake Cachuma to the South Coast via the Tecolote Tunnel as the primary water source for 5 communities.
- Operation and maintenance of the South Coast Conduit pipeline, which consist of 26.5 miles of pipeline with a combined 124 blow off and air vent structures, 43 turnout structures and 20 meters.
- Operation and Maintenance of four regulating reservoirs.
- Prompt response to Underground Service Alerts (USA's) within the USBR right-of-way.

Operations staff regularly performs the following duties:

- Weekly off site inspections of major facilities
- Structure maintenance on all air vent, blow off and turnouts
- Dam inspection and instrumentation reports (all reservoirs)
- Annual exercising of control valves
- Quarterly meter calibrations
- Weekly safety meetings
- Weekly rodent bait (all reservoirs)
- Weekly toe drain and piezometer reads at Ortega (L23)
- USA Dig Alerts – Respond 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

“Our mission is to provide a reliable source of water to our member agencies in an efficient and cost effective manner for the betterment of our community.”

Lake Cachuma Operations

The total flow from Lake Cachuma into the Tecolote Tunnel for June was 1853.4 acre-feet, for an average daily flow of 61.78 acre-feet. Lake elevation was 702.75 feet at the beginning of June and 701.67 feet at the end of June. Storage change decreased 1765 acre-feet. CCWA wheeled 1158.6 acre-feet of water to Cachuma Project facilities.

South Coast Conduit Operations

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

- Staff has been on site monitoring several ongoing projects throughout the area, working closely with the construction and engineering contractors to ensure that:
 - Pipeline easements and the right-of-way remain accessible to Operations staff for possible emergencies and ongoing facility maintenance.
 - All projects are following the COMB and USBR approved plans.
 - No damage occurs to the SCC during the construction process.
- Daily monitoring and marking the South Coast Conduit in the Holiday Hill fire burn area. The fire burned approximately 100 acres in the Goleta foothills area off Fairview Ave. in the Goleta foothills. The SCC travels through the burn area. No damage occurred to the SCC or its structures but staff has been monitoring the clean-up and rebuild process.
- Continued daily monitoring of the Arroyo Paredon bridge replacement project located in Carpinteria. Cal Trans / Lash Construction began work June 4th removing the bridge which was damaged during the January 9th debris flows.
- Oversight on the potholing of the SCC in 3 locations near the Arroyo Paredon bridge replacement project to verify the South Coast Conduits location and depth. This will allow

Southern California Edison to better design the layout of the new power poles and ensure the conduit is protected.

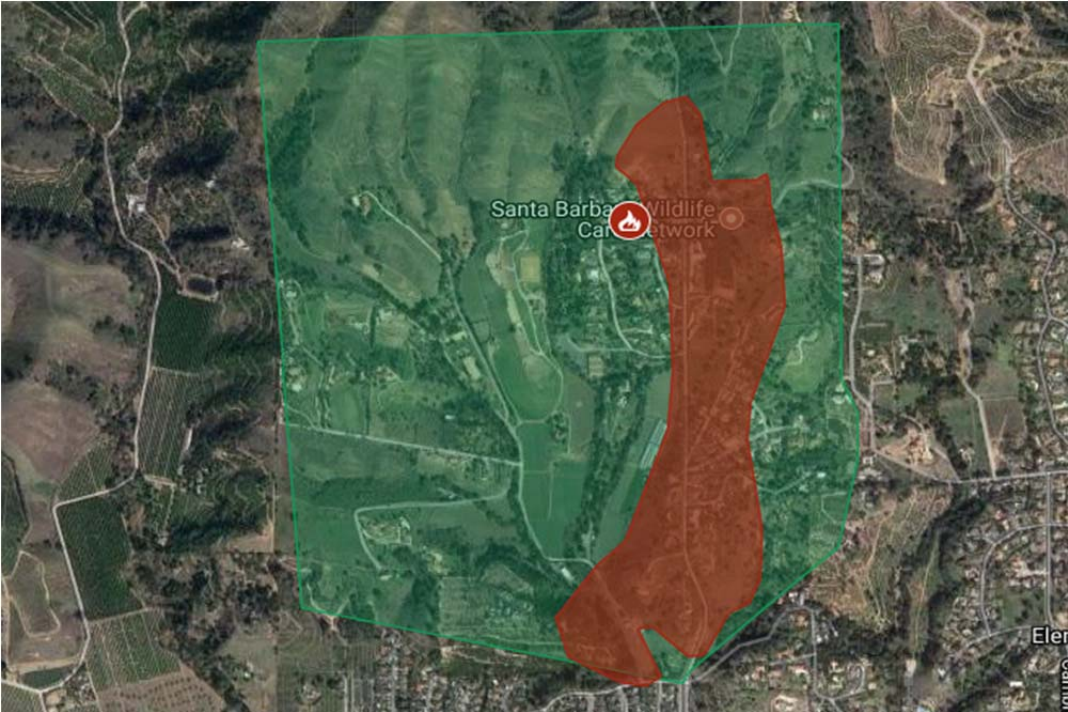
- Oversight on the trenching and excavation for the installation of the new water service connection for the Patterson Oaks subdivision.
- Attended the PG&E Public Safety Power Shutdown meeting.
- Transitioned from the USBR pipeline to the South Coast Member Unit pipeline between the South Portal and the Glenn Annie Turnout.
- Performed quarterly meter calibrations at the North Portal Control Station, Glen Annie Turn Out, Lauro Control Station and Sheffield Control Station.
- Completed the annual Carpinteria Reservoir weed abatement program. Included in this program is the clearing and removal of vegetation and brush around the reservoir, dam, roads, yards and control station to meet defensible space requirements.
- Obtained the Lake Cachuma monthly water sampling for the City of Santa Barbara staff.
- The Operations department continually inspects all sites, reservoirs and the SCC for items to add to the IIP for future projects.

Current Infrastructure Improvement projects include:

- Air Vacuum Air Release (AVAR) Valve and Blow-off Structure Rehabilitation and Replacement - Executed contract with the lowest responsible bidder, Cushman Contracting Corporation.
- North Portal Slope Stabilization - The slope stabilization work is complete and road paving is slated for FY 2018-19.
- Sycamore Canyon Slide Repair – Survey and geotechnical field work is complete. Met with engineering contractor to discuss results and preliminary design. Staff anticipates solicitation of bids by mid-August 2018.
- Lateral #3 Replacement – The contractor is in place and the parts are acquired. Construction is delayed until next winter due to drought and lack of alternative sources of water.

OPERATIONS PROJECT PHOTOS

Holiday Hill Fire – South Coast Conduit located within mid section of burn area



Lateral #5



Arroyo Paredon Pipe Locating



Arroyo Paredon Pipe Potholing



Patterson Oaks Subdivision Utility Crossing



Carpinteria Reservoir Weed Abatement

Before



After



On Going Projects & Monitoring

LAT 3A



Remove abandoned turnout and reconfigure blow off structure.

PATTERSON AVE.



Patterson Oaks subdivision

BOULDERS PROJECT



Boulders subdivision

CACHUMA OPERATION AND MAINTENANCE BOARD

BOARD MEMORANDUM

DATE: July 23, 2018
TO: Janet Gingras, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- Reclamation continues to deliver approximately 2 cfs to Hilton Creek at the Lower Release Point through the Hilton Creek Emergency Backup System by gravity flow that is sustaining the *O. mykiss* population in the creek. No water is being delivered to the Upper Release Point due to difficulties in operating the Hilton Creek Watering System pumps. Target flows to the Highway 154 Bridge are being met through flow augmentation via the Outlet Works.
- USBR conducted a test of the Bradbury Dam Outlet Works 30 inch valves on 7/17/18 to investigate changes in gravity flow to Hilton Creek.
- Construction for the Quiota Creek Crossing 5 will begin on 7/23/18.

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 and 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 and are reported in the Annual Monitoring Report.

Snorkel surveys: Snorkel surveys for *O. mykiss* and non-native fish are conducted three times a year. The first survey at the end of the spring has been completed. The results are presented in the annual monitoring report.

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.

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 COMB Board accepted the grant by resolution on 5/22/17. The Board approved by resolution expenditures of funds for the project on 6/26/17. All permits and final designs for the project have been obtained and approved. The construction of the project went out for competitive bidding in conjunction with the Quiota Creek Crossing 9 Project. A contract has been awarded to Peter Lapidus Construction and construction is scheduled to begin on 7/23/18. Once construction begins, a separate Board memo will be provided each month throughout the construction of the project.

Quiota Creek Crossing 8: Funding for this project have been applied for through three separate grant programs. The initial grant was submitted by the County to Caltrans that required a Cooperative Agreement between the County and COMB. The agreement was discussed at the 5/4/16 Fisheries Committee meeting with approval by the Board on 5/23/16 to move forward with the project and the Cooperative Agreement. The County Board of Supervisors approved the Cooperative Agreement on 7/12/16. With a fully executed Cooperative Agreement, the County submitted a CalTrans Federal Highway Administration (CT-FHWA) 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 with no response. Caltrans has informed the County that the Federal prioritization for rural bridge replacement projects (the County's pending grant funding) has been stalled due to being 100% oversubscribed with no additional federal allocation, hence the list of truly awarded projects will not be addressed until 2020, suggesting this funding opportunity is on hold.

The second funding opportunity is through a CDFW-FRGP grant application that was submitted on 3/29/18 for \$1,010,700 with a \$50,000 construction match from COMB as approved by the COMB Board during the 2/26/18 Board meeting. On 5/15/18, the CDFW-FRGP Technical Grant Review Team visited the site. They evaluated the technical aspects of the project, scored it, and then will provide their recommendations to the Director of CDFW. The grant award notices will be given during February 2019.

Finally, a third funding opportunity is through a CDFW-Prop 1 grant application that was submitted on 6/12/18 for the exact same project and same amount of money and construction match. If a CDFW sponsored grant is received, the other will be withdrawn. The Prop-1 grant award notice is expected sometime around the beginning of the year.

Quiota Creek Crossing 9: COMB was awarded a CDFW-FRGP grant for the Crossing 9 Project for \$993,121 with a \$50,000 COMB construction match. The project is tentatively scheduled for construction in the fall of this year pending permit acquisition and design approval. All permits application for this project have been submitted and are anticipated no later than August. Design approval has been received from CDFW and we are awaiting final comments from the County. The construction of the project went out for competitive bidding in

conjunction with the Quiota Creek Crossing 5 Project. A contract has been awarded to Peter Lapidus Construction and construction is tentatively scheduled to begin in September of this year. Once construction begins, a separate Board memo will be provided each month throughout the construction of the project.

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

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

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

The HCWS and HCEBS are owned, operated and maintained by Reclamation. The HCEBS was completed at the end of January 2016. With this system fully operational, Reclamation has now been working on the identified repairs to the HCWS with recent success on getting the pumping system operational. Work is still needed on the HCEBS to meet operational design.

Testing of the 30 inch Valves at Bradbury Dam

USBR tested the Bradbury Dam Outlet Works 30 inch valves on 7/17/18 to see if they could be operated without changing the gravity flow delivery rate to Hilton Creek (HC) through the HC Emergency Backup System (HCEBS). At approximately 1:00 PM, USBR initiated the test by slowly increasing the flow rate to approximately 120 cfs before the test was stopped due to an observed drop in flow in Hilton Creek. As the readings from the flow meter of the HCEBS approached 2 cfs (the minimum BiOp target flow for HC), the test was stopped and the flows were slowly returned to the stream discharge rate prior to the test. The forthcoming WR 89-18 release normally has a maximum release rate of approximately 180 cfs. Throughout the test, the HC Watering System was not operating.

Surcharge Water Accounting

The following table summarizes the amount of surcharge water used to date from each of the three accounts plus project yield at the end of last month (Table 1). All numbers are from Reclamation's Daily Operations Report. The start time for the use of the Surcharge Water Accounts and Project Yield was 5/27/11, or the day following the last day of full surcharge and end of the last spill event. As of May 2012, all of the fish rearing accounts have been used and Reclamation is now using Project Yield to meet BiOp target flows. Water Right (WR 89-18) release durations since 2013 are noted as follows: 7/15/13 - 12/2/13, 8/18/14 - 11/11/14, 8/3/15 - 9/26/15, 7/12/16 - 8/29/16, and the most recent release 8/21/17 - 11/8/17. 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. The remaining amount in 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 during that period have not been finalized and approved (or if those accounts are now replenished from WY2017's runoff) by NMFS and Reclamation. Therefore they are not reflected in Table 1.

Table 1: Summary of the surcharge water accounting and use of Project Yield as of the day after the end of the last spill event and full surcharge (5/27/11).

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage Supplementation	3,200	0	3,200
Adaptive Management	500	149	351
Fish Rearing***	5,484	5,484	0
Project Yield		17,378	
Total:	9,184	23,011	3,551
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 6/30/18.			
*** 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 (the Reclamation report) and the Annual Monitoring Summaries (the COMB report). Staff has been providing information to Reclamation as requested in support of re-consultation 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. The COMB FD manager and Water Resources Engineer attend the ESRI Users Conference in San Diego during the first week in July where they gave a talk on the South Coast Conduit that was 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.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 23, 2018
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, 2018 to the present (1/1/18 – 7/23/18, Table 1). Labor and expenses for the entire fiscal year (July 2017 - June 2018) as well as water usage will be tracked separately and reported as necessary as recommended by the 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 2017 Annual Inventory and Fiscal Year 2017-2018 Financial Report will be reviewed by the Lake Cachuma Oak Tree Committee in the coming weeks, where the directives for the coming year will be determined.

Table 1: Cachuma Oak Tree Program completed tasks since January, 2018.

	Jan 2018	Feb 2018	March 2018	April 2018	May 2018	June 2018	July 2018
Year 9 Oaks (2016-2017)	Irrigated Weeded	Mulched			Irrigated Weeded	Weeded Roads	Irrigated Weeded
Year 8 Oaks (2015-2016)		Mulched	Mulched	Mulched Weeded	Irrigated Weeded	Weeded Roads	Irrigated Weeded
Year 7 Oaks (2014-2015)			Mulched Deer Cages	Mulched Weeded		Irrigated Weeded Weeded Roads	Irrigated Weeded
Year 6 Oaks (2010-2011)	Deer Cages	Deer Cages				Weeded Roads	Irrigated*
Year 5 Oaks (2009-2010)						Weeded Roads	Irrigated*
Year 4 Oaks (2008-2009)					Deer Cages	Weeded Roads	Irrigated*
Year 3 Oaks (2007-2008)					Deer Cages	Weeded Roads	Irrigated*
Year 2 Oaks (2006-2007)						Weeded Roads	Irrigated*
Year 1 Oaks (2005-2006)						Weeded Roads	Irrigated*
*Stressed trees irrigated							

The 2017 Annual Inventory and Fiscal Year 2017-2018 Financial Report will be provided to the Lake Cachuma Oak Tree Committee soon.

Two teams of watering crews using both the large water truck and the smaller water trailer truck have been working simultaneously. In early July, crews watered Year 1 through Year 6 oak trees that appeared to be showing signs of stress. A second round of irrigation has been completed on the the Year 9 oak trees and crews are now irrigating the Year 8 and Year 7 trees at Bradbury Dam and Storke Flat. Hand weeding is being conducted in and around the trees during irrigation.

RECOMMENDATION:

For Board information only.

LIST OF EXHIBITS:

N/A

CACHUMA OPERATION AND MAINTENANCE BOARD

METERED USE REPORT FOR JUNE 2018

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter - East		174.33	18+62	G. WEST	116.92
Boundary Meter - West		(0.29)	78+00	Corona Del Mar FILTER Plant	800.59
			122+20	STOW RANCH	0.00
				Raytheon (SWP) (Warren Act Contract)	(5.00)
				Morehart (SWP) (Warren Act Contract)	(5.00)
				SWP CREDIT (Warren Act Contract)	(790.60)
			TOTAL		116.92
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	68.76
			386+65	MWD YARD	37.70
			487+07	VALLEY CLUB	0.00
			499+65	E. VALLEY-ROMERO PUMP	180.74
			510+95	MWD PUMP (SWD)	13.86
			510+95	ORTEGA CONTROL	3.67
			526+43	ASEGRA RD	5.03
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.00
			599+27	TORO CANYON	0.00
				SWP CREDIT (Warren Act Contract)	(309.76)
			TOTAL		0.00
			CITY OF SANTA BARBARA		
			CATER	INFLOW	1117.94
			Gibraltar	PENSTOCK	(104.38)
			CATER	SO. FLOW	(703.18)
			Sheffield	SHEF.LIFT	199.49
				SWP (Warren Act)	(458.63)
				La Cumbre Mutual SWP (Warren Act)	(51.24)
			TOTAL		(0.00)
			SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1		
			COUNTY PARK, ETC		1.96
			TOTAL		1.96
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WATER DELIVERED TO LAKE		1157.00
			STATE WATER TO SOUTH COAST (including from storage)		(1794.28)
			METERED DIVERSION		118.87
SWP CREDIT (Warren Act Contract) (174.05) TOTAL (0.00)					
Note: Meter reads were taken on: 6/29/2018					

17-18 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JUNE 2018 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

	MONTH	WYTD
SCC WATER PRODUCTION:		
Cachuma Lake (Tec. Diversion)	1,796.3	12,032.4
Tecolote Tunnel Infiltration	102.0	880.1
Cachuma Lake (County Park)	2.0	14.3
Subtotal - Water Production	1,900.2	12,926.7
SCC WATER DELIVERIES:		
State Water Diversion	1,794.3	9,781.0
Cachuma Diversion	118.9	2,618.7
So. Coast Storage gain/(loss)	(40.5)	(33.2)
Subtotal - Water Deliveries	1,872.7	12,366.5
Total Water Production	1,900.2	12,926.7
Total Water Deliveries	1,872.7	12,366.5
Difference = Apparent Water Loss	27.6	560.2
% Apparent Water Loss	1.45%	4.33%

SCC APPARENT WATER LOSS ALLOCATION ⁽²⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
CURRENT MONTH CHARGE / (ADJUSTMENT) ⁽²⁾					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.2	0.0	0.0	0.0	0.2
Subtotal Cachuma Project	0.2	0.0	0.0	0.0	0.2
(+) State Water Project	1.7	9.7	10.1	5.9	27.4
Total	1.9	9.7	10.1	5.9	27.6
WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)					
M&I	9.9	0.0	0.0	37.0	46.9
Agriculture	7.4	0.0	0.0	49.1	56.5
Subtotal Cachuma Project	17.3	0.0	0.0	86.1	103.4
(+) State Water Project	20.3	183.3	218.1	35.3	457.0
Total	37.7	183.3	218.1	121.4	560.4

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
CURRENT MONTH						
Water Usage						
M&I	0.0	0.0	0.0	0.0	2.0	2.0
Agricultural	116.9	0.0	0.0	0.0	N/A	116.9
Subtotal Project Water Use	116.9	0.0	0.0	0.0	2.0	118.9
(+) Apparent Water Loss	0.2	0.0	0.0	0.0	N/A	0.2
(+) Evaporative Loss ⁽³⁾	19.9	69.3	17.6	0.4	0.0	107.1
Total Project Water Charge	137.0	69.3	17.6	0.4	2.0	226.2
WATER YEAR-TO-DATE						
Water Usage						
M&I	1,097.3	0.0	0.0	289.3	14.3	1,400.8
Agricultural	834.2	0.0	0.0	385.7	N/A	1,219.9
Subtotal Project Water Use	1,931.5	0.0	0.0	675.1	14.3	2,620.8
(+) Apparent Water Loss	17.3	0.0	0.0	86.1	N/A	103.4
(+) Evaporative Loss ⁽³⁾	161.5	373.4	94.7	19.5	0.8	650.0
Total Project Water Charge (*)	2,110.3	373.4	94.7	780.7	15.0	3,374.2

(*) Project Water Charge is applied first to Carryover Water balance and then to Current Year Water Allocation

17-18 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JUNE 2018 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT WATER BALANCE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
Project Water Carryover - 10/1/2017	3,088.0	3,988.0	1,011.0	800.0	16.0	8,903.0
Transfers/Adjustment ⁽⁴⁾	30.0	0.0	0.0	0.0	0.0	30.0
(-) Project Water Charge (WYTD)	2,110.3	373.4	94.7	780.7	15.0	3,374.2
Balance Carryover Water	1,007.7	3,614.6	916.3	19.3	1.0	5,558.8
Current Year Allocation ⁽⁵⁾	3,728.0	3,311.0	1,060.0	1,125.0	1,060.0	10,284.0
(-) Balance of Project Water Charge (WYTD)	0.0	0.0	0.0	0.0	0.0	0.0
Net Allocation Available Before Adjustments	3,728.0	3,311.0	1,060.0	1,125.0	1,060.0	10,284.0
<u>Adjustments to Net Allocation (WYTD)</u>						
Carryover Balances Spilled	0.0	0.0	0.0	0.0	0.0	0.0
Surplus	0.0	0.0	0.0	0.0	0.0	0.0
State Water Exchange ⁽⁶⁾	130.0	87.0	87.0	58.0	(362.0)	0.0
Transfers/Adjustment ⁽⁷⁾	100.0	0.0	0.0	0.0	0.0	100.0
Balance Current Year Allocation	3,958.0	3,398.0	1,147.0	1,183.0	698.0	10,384.0
Total Cachuma Project Water Available	4,965.7	7,012.6	2,063.3	1,202.3	699.0	15,942.8

Footnotes

- (1) Water Year = October 1 through September 30
- (2) Based on an correspondence from Michael Jackson, dated 09/15/17, which revised the approach to the assessment for unaccounted-for water loss based on lake conditions
- (3) Per USBR, evaporation is applied to Cachuma Carryover and SWP water through standard contract formula effective April 1, 2017.
- (4) Adjustment for GWD November/December 2016 Evaporation Amount charged in error (+30AF).
- (5) Per USBR, 40% Allocation to Member Agencies, effective 10/1/17
- (6) Per SWP Exchange Agrmt GWD received 104 AF; City of SB received 70 AF; MWD received 70 AF and CVWD received 46 AF from ID#1 in June 2018.
- (7) Transfer per Contract for Exchange Water with Thomas B. Bishop Company and GWD (100 AF)
- (8) Memo only - State Water Deliveries to Lake Cachuma for June 2018 (Total =1157 AF): MWD 263 AF; CVWD 175 AF GWD 395 AF (Morehart 5 AF); City of S.B. 264 AF; and LaCumbre 50 AF: (Raytheon 5 AF)

SUMMARY: APPARENT WATER LOSS ALLOCATION

June 2018

	Lauro & Cater Loss (LE + CTPL)	Ortega Toe Drain (OTD)	Use Area 1	Use Area 2	Use Area 3	Use Area 4	Total (AF)	Rounded Total (AF)
GWD	0.4	0.0	0.9	0.6	0.0	0.0	1.9	1.9
City of SB	3.3	0.0	0.4	5.8	0.3	0.0	9.7	9.7
MWD	2.2	0.5	0.3	3.9	0.4	2.7	10.1	10.1
CVWD	1.2	0.5	0.2	2.2	0.2	1.5	5.9	5.9
Total	7.1	1.0	1.8	12.5	1.0	4.3	27.6	27.6

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT ⁽²⁾ - REVISED

MONTH: **June 2018**

GLEN ANNIE RESERVOIR ⁽¹⁾

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	543.00	Feet
Water in Storage	471.58	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	447.90	Feet
Water in Storage	22.39	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	373.80	Feet
Water in Storage	20.92	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	514.89	AF
	(40.46)	AF

CACHUMA RESERVOIR

Capacity at 750' elevation:	184,121	AF
Capacity at sill of tunnel 660' elevation:	24,281	AF
Stage of Reservoir Elevation	701.71	Feet
Water in Storage	74,943	AF
Surface Area	1,625	
Evaporation	968.1	AF
Inflow	271.8	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	142.0	AF
Outlet	187.0	AF
Spill/Seismic Release	0	AF
State Water Project Water	1121.8	AF
Change in Storage	-1,700	AF
Tecolote Diversion	1,796.3	AF

Rainfall:	Month:	9.77	Season:	Percent of Normal:	49%
------------------	---------------	------	----------------	---------------------------	-----

(1) The Glen Annie Reservoir is currently offline and is excluded from the Total Storage in Reservoirs amount.

(2) Information reported as of June 29, 2018 when meter reads were taken by COMB staff.

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

Month	Total Delivered to Lake per CCWA	CVWD						MWD						CITY OF SB						GWD						LCMWC				RSYS			MLC																		
		Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake								
2017																																																			
Bal. Frwd						504										809										747					0					11										1					
January	1437	219	0	1	2	0	720	357	58	3	3	0	1102	357	273	4	8	10	2179	467	58	0	3	(10)	1144	35	10	2	23	0	0	0	11	2	2	2	1	1	1	1	1	1									
February	1250	196	96	4	7	0	809	296	25	2	10	0	1361	296	197	5	21	0	2252	445	50	0	11	0	1528	15	29	2	7	0	0	11	2	2	2	1	1	1	1	1	1										
March	990	135	180	4	7	0	753	226	76	2	12	0	1498	226	112	7	20	0	2340	339	190	0	13	0	1664	59	34	0	33	4	4	11	1	1	1	1	1	1	1	1	1	1									
April	634	96	134	17	11	0	686	144	180	23	22	0	1417	144	210	21	35	0	2218	217	567	3	25	0	1286	29	55	1	6	3	3	11	1	1	1	1	1	1	1	1	1	1	1								
May	1165	168	372	39	14	0	429	258	229	24	29	0	1392	258	80	49	46	0	2301	388	520	3	27	0	1124	86	63	0	29	4	3	12	3	4	0	0	0	0	0	0	0	0	0	0							
June	1026	153	377	13	10	0	182	230	293	10	33	0	1286	230	252	17	55	0	2208	345	958	2	27	0	483	60	34	1	54	4	4	12	4	4	0	0	0	0	0	0	0	0	0	0							
July	1151	165	327	12	5	0	3	254	321	12	34	0	1174	255	247	24	58	0	2134	383	850	3	13	0	0	84	74	1	62	4	4	12	6	6	0	0	0	0	0	0	0	0	0	0							
August (*)	1006	144	232	0	0	85	0	223	333	0	37	71	1098	223	210			67	119	2199	334	345	0	0	11	0	74	92	2	42	4	4	12	4	4	0	0	0	0	0	0	0	0	0							
September	1190	175	153	22	0	0	0	263	288	36	39	0	997	263	187	16	78	0	2181	395	392	3	0	0	0	88	21	1	108	0	0	12	6	6	0	0	0	0	0	0	0	0	0	0	0						
October	1048	147	139	8	0	0	0	244	348	19	15	0	860	244	352	13	32	0	2028	367	365	2	0	0	0	46	81	2	71	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0						
November	369	0	0	0	(0)	0	0	96	265	32	7	0	652	96	391	29	16	0	1688	145	143	2	(0)	0	0	32	96	1	7	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0							
December	1281	0	0	0	(0)	0	0	354	310	61	4	0	630	298	273	36	10	0	1667	532	526	6	0	0	0	68	12	0	62	22	22	12	7	7	0	0	0	0	0	0	0	0	0								
Total	12547	1598	2010	120	56	85	0	2945	2726	225	244	71	630	2890	2783	222	445	129	1667	4357	4964	24	117	1	0	676	601	13	62	45	44	12	36	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

(*) Adj / Notes:
 January 2017 - GWD transferred 18.12 AF SWP water to City of SB per overlap agreement
 August 2017 - Includes credit adjustment for water loss charged to South Coast Member Units (Mar - Jul) based email from Michael Jackson, dated 09/15/17, which revised the approach to the assess for unaccounted-for water loss based on lake conditions.

Month	Total Delivered to Lake per CCWA	CVWD						MWD						CITY OF SB						GWD						LCMWC				RSYS			MLC																							
		Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake													
2018																																																								
Bal. Frwd						0										630										0					62					12										0										
January	1275	201	31	3	(0)	0	167	270	219	18	4	0	659	301	346	16	11	0	1595	452	387	2	(0)	0	62	49	30	0	80	0	0	12	2	2	2	0	0	0	0	0	0	0	0	0	0	0										
February	1142	169	20	3	1	0	311	253	257	35	5	0	614	253	367	29	13	0	1440	380	146	3	1	0	293	85	52	1	113	0	0	12	2	2	0	0	0	0	0	0	0	0	0	0	0	0										
March	976	70	6	1	2	0	372	255	98	14	4	0	753	254	291	19	10	0	1373	381	9	1	2	0	663	10	15	1	107	4	4	12	2	2	0	0	0	0	0	0	0	0	0	0	0	0										
April	1218	0	47	2	4	0	320	287	225	5	9	0	801	287	496	8	16	0	1140	636	196	0	8	0	1094	0	29	1	77	5	5	12	3	3	0	0	0	0	0	0	0	0	0	0	0	0										
May	1255	190	154	12	5	0	338	309	290	23	13	0	784	285	491	23	18	0	892	463	400	2	18	0	1137	0	22	1	54	5	5	12	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0									
June	1157	175	174	6	6	0	327	263	310	10	15	0	713	264	459	10	17	0	671	395	791	2	21	0	719	50	51	1	51	5	5	12	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0									
July																																																								
August (*)																																																								
September																																																								
October																																																								
November																																																								
December																																																								
Total	7023	805	431	27	19	0	327	1637	1398	105	51	0	713	1644	2449	105	86	0	671	2707	1928	11	49	0	719	194	199	5	51	19	19	12	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					

(*) Adj / Notes:
 Total SC Storage at month end (AF): 2430
 Total Storage at month end (AF): 2493

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

Contract Year: 10/1/17 to: 9/30/18

Contract Entity: **Goleta Water District**
 Last updated by C.O.M.B. 06/29/18

Month	CARRYOVER WATER		CURRENT YEAR ALLOCATION									
	Carryover Balance Prior Yr	Approved Allocation Curr Yr	TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED			
			Acre-feet			Allocation			Allocation			
	M & I	Agr	Total	Evap	Used	Total	M & I	Agr	M & I	Agr	Total	
Oct	3,088.0	3,728.0	570.6	170.4	741.1	45.1	741.1	786.2	605.4	180.8	0.0	0.0
Nov			434.3	160.6	595.0	17.8	595.0	612.8	447.3	165.5	0.0	0.0
Dec			102.2	35.9	138.1	11.2	138.1	149.3	110.5	38.8	0.0	0.0
Jan			0.0	42.6	42.6	10.4	42.6	53.0	0.0	53.0	0.0	0.0
Feb			0.0	98.0	98.0	12.2	98.0	110.2	0.0	110.2	0.0	0.0
Mar			0.0	11.6	11.6	9.6	11.6	21.2	0.0	21.2	0.0	0.0
Apr			0.0	79.2	79.2	16.1	79.2	95.2	0.0	95.2	0.0	0.0
May			0.0	126.0	126.0	19.4	126.0	145.4	0.0	145.4	0.0	0.0
Jun			0.0	117.2	117.2	19.9	117.2	137.0	0.0	137.0	0.0	0.0
Jul			-	-	-	-	-	-	-	-	-	-
Aug			-	-	-	-	-	-	-	-	-	-
Sep			-	-	-	-	-	-	-	-	-	-
Total	3,088.0	3,728.0	1,107.2	841.6	1,948.8	161.5	1,948.8	2,110.3	1,163.2	947.1	0.0	0.0

Month	CONVERSIONS (M&I AND AG SPLIT)			
	CARRYOVER WATER		CURR YR ALLOCATION	
	M & I	Agr	M & I	Agr
Oct	-	-	-	-
Nov	-	-	-	-
Dec	-	-	-	-
Jan	-	-	-	-
Feb	-	-	-	-
Mar	-	-	-	-
Apr	-	-	-	-
May	-	-	-	-
Jun	-	-	-	-
Jul	-	-	-	-
Aug	-	-	-	-
Sep	-	-	-	-

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	3,088.0	1,976.0	1,112.0	2,609.0	1,119.0	3,728.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	Bishop Ranch Exch (+100AF)	-	-	100.0	-	100.0
May	ID #1 Exch (+ 26AF)	-	-	11.2	14.8	26.0
Jun	ID#1 Exch (+104AF), Evap Adj ⁽¹⁾	30.0	23.6	6.4	48.9	55.1
Jul		-	-	-	-	-
Aug		-	-	-	-	-
Sep		-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	2,301.8	1,370.6	931.2	2,609.0	1,119.0	3,728.0
Nov	1,689.0	923.3	765.7	2,609.0	1,119.0	3,728.0
Dec	1,539.7	812.8	726.9	2,609.0	1,119.0	3,728.0
Jan	1,486.7	812.8	673.9	2,609.0	1,119.0	3,728.0
Feb	1,376.5	812.8	563.7	2,609.0	1,119.0	3,728.0
Mar	1,355.3	812.8	542.5	2,609.0	1,119.0	3,728.0
Apr	1,260.1	812.8	447.3	2,709.0	1,119.0	3,828.0
May	1,114.7	812.8	301.9	2,720.2	1,133.8	3,854.0
Jun	1,007.7	836.4	171.3	2,769.1	1,188.9	3,958.0
Jul						
Aug						
Sep						

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 4,965.7

(1) June Schedules and Revisions includes adjustment for November/December 2016 Evaporation Amount charged in error (+30AF).

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #I75R-1802

Contract Year: 10/1/17 to: 9/30/18

Contract Entity: **City of Santa Barbara**
 Last updated by C.O.M.B. 06/29/18

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	3,988.0	3,311.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	3,988.0	3,311.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	----	M & I	----	Total
0.0	0.0	0.0	58.3	0.0	58.3	58.3	0.0	0.0	0.0	0.0
0.0	0.0	0.0	30.4	0.0	30.4	30.4	0.0	0.0	0.0	0.0
0.0	0.0	0.0	25.9	0.0	25.9	25.9	0.0	0.0	0.0	0.0
0.0	0.0	0.0	26.1	0.0	26.1	26.1	0.0	0.0	0.0	0.0
0.0	0.0	0.0	31.5	0.0	31.5	31.5	0.0	0.0	0.0	0.0
0.0	0.0	0.0	26.5	0.0	26.5	26.5	0.0	0.0	0.0	0.0
0.0	0.0	0.0	45.0	0.0	45.0	45.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	60.5	0.0	60.5	60.5	0.0	0.0	0.0	0.0
0.0	0.0	0.0	69.3	0.0	69.3	69.3	0.0	0.0	0.0	0.0
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
			373.4	-	373.4	373.4	-	-	-	-

CONVERSIONS (M&I AND AG SPLIT)				
Month	CARRYOVER WATER		CURR YR ALLOCATION	
	M & I	Agr	M & I	Agr
Oct	-	-	-	-
Nov	-	-	-	-
Dec	-	-	-	-
Jan	-	-	-	-
Feb	-	-	-	-
Mar	-	-	-	-
Apr	-	-	-	-
May	-	-	-	-
Jun	-	-	-	-
Jul	-	-	-	-
Aug	-	-	-	-
Sep	-	-	-	-

Month
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
Month	Total	Allocation		Allocation	
		M & I	----	M & I	----
Begin Bal	3,988.0	3,988.0	-	3,311.0	3,311.0
ID #1 Exchange (+17AF)				17.0	17.0
ID #1 Exchange (+70AF)				70.0	70.0

Month
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
Month	Total	Allocation		Allocation	
		M & I	----	M & I	----
Oct	3,929.7	3,929.7	-	3,311.0	3,311.0
Nov	3,899.3	3,899.3	-	3,311.0	3,311.0
Dec	3,873.4	3,873.4	-	3,311.0	3,311.0
Jan	3,847.4	3,847.4	-	3,311.0	3,311.0
Feb	3,815.8	3,815.8	-	3,311.0	3,311.0
Mar	3,789.3	3,789.3	-	3,311.0	3,311.0
Apr	3,744.4	3,744.4	-	3,311.0	3,311.0
May	3,683.9	3,683.9	-	3,328.0	3,328.0
Jun	3,614.6	3,614.6	-	3,398.0	3,398.0
Jul					
Aug					
Sep					

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 7,012.6

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

Contract Year: 10/1/17 to: 9/30/18

Contract Entity: **Carpinteria Valley Water District**
 Last updated by C.O.M.B. 06/29/18

CARRYOVER WATER	CURRENT YEAR ALLOCATION
------------------------	--------------------------------

Month	Carryover Balance	Approved Allocation
	Prior Yr	Curr Yr
Oct	800.0	1,125.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	<u>800.0</u>	<u>1,125.0</u>

TOTAL WATER CHARGED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet						Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
85.9	121.2	207.1	11.7	207.1	218.8	90.7	128.1	0.0
125.0	155.3	280.3	4.5	280.3	284.8	127.0	157.8	0.0
115.4	158.4	273.7	2.0	273.7	275.7	116.2	159.5	0.0
0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0
0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0
0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0
0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0
0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.3	0.0
0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.4	0.0
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
326.3	434.9	761.1	19.5	761.1	780.7	334.0	446.7	-

SCHEDULE AND REVISIONS	SCHEDULE AND REVISIONS
-------------------------------	-------------------------------

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	800.0	340.0	460.0	518.0	607.0	1,125.0
Oct						
Nov						
Dec						
Jan						
Feb						
Mar						
Apr						
May				5.2	6.8	12.0
Jun				21.6	24.4	46.0
Jul						
Aug						
Sep						

BALANCE - CARRYOVER WATER	BALANCE - CURR YR ALLOC
----------------------------------	--------------------------------

Month	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	581.2	249.3	331.9	518.0	607.0	1,125.0
Nov	296.4	122.2	174.2	518.0	607.0	1,125.0
Dec	20.7	6.0	14.7	518.0	607.0	1,125.0
Jan	20.6	6.0	14.5	518.0	607.0	1,125.0
Feb	20.4	6.0	14.4	518.0	607.0	1,125.0
Mar	20.3	6.0	14.2	518.0	607.0	1,125.0
Apr	20.0	6.0	14.0	518.0	607.0	1,125.0
May	19.7	6.0	13.7	523.2	613.8	1,137.0
Jun	19.3	6.0	13.3	544.8	638.2	1,183.0
Jul						
Aug						
Sep						

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 1,202.3

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

Contract Year: 10/1/17 to: 9/30/18

Contract Entity: **Montecito Water District**
 Last updated by C.O.M.B. 06/29/18

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	1,011.0	1,060.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	1,011.0	1,060.0

Month	TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED			Total	
	Acre-feet			Evap	Used	Total	Allocation		Allocation		
	M & I	Agr	Total				M & I	Agr	M & I		Agr
Oct	0.0	0.0	0.0	14.8	-	14.78	11.6	3.2	0.0	0.0	0.0
Nov	0.0	0.0	0.0	7.7	-	7.7	6.0	1.7	0.0	0.0	0.0
Dec	0.0	0.0	0.0	6.6	-	6.6	5.2	1.4	0.0	0.0	0.0
Jan	0.0	0.0	0.0	6.6	-	6.6	5.2	1.4	0.0	0.0	0.0
Feb	0.0	0.0	0.0	8.0	-	8.0	6.3	1.7	0.0	0.0	0.0
Mar	0.0	0.0	0.0	6.7	-	6.7	5.3	1.4	0.0	0.0	0.0
Apr	0.0	0.0	0.0	11.4	-	11.4	9.0	2.4	0.0	0.0	0.0
May	0.0	0.0	0.0	15.3	-	15.3	12.1	3.3	0.0	0.0	0.0
Jun	0.0	0.0	0.0	17.6	-	17.6	13.8	3.8	0.0	0.0	0.0
Jul	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	94.7	-	94.7	74.3	20.3	-	-	-

Month	CONVERSIONS (M&I AND AG SPLIT)			
	CARRYOVER WATER		CURR YR ALLOCATION	
	M & I	Agr	M & I	Agr
Oct	-	-	-	-
Nov	-	-	-	-
Dec	-	-	-	-
Jan	-	-	-	-
Feb	-	-	-	-
Mar	-	-	-	-
Apr	-	-	-	-
May	-	-	-	-
Jun	-	-	-	-
Jul	-	-	-	-
Aug	-	-	-	-
Sep	-	-	-	-

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Begin Bal	Total	Allocation		Allocation	
			M & I	Agr	M & I	Agr
Begin Bal	1,011.0	794.0	217.0	986.0	74.0	1,060.0
Oct				-	-	-
Nov				-	-	-
Dec				-	-	-
Jan				-	-	-
Feb				-	-	-
Mar				-	-	-
Apr				-	-	-
May	ID #1 Exchange (+17AF)			7.3	9.7	17.0
Jun	ID #1 Exchange (+70AF)			32.9	37.1	70.0
Jul				-	-	-
Aug				-	-	-
Sep				-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	996.2	782.4	213.8	986.0	74.0	1,060.0
Nov	988.5	776.3	212.2	986.0	74.0	1,060.0
Dec	982.0	771.2	210.8	986.0	74.0	1,060.0
Jan	975.3	766.0	209.3	986.0	74.0	1,060.0
Feb	967.4	759.7	207.6	986.0	74.0	1,060.0
Mar	960.6	754.4	206.2	986.0	74.0	1,060.0
Apr	949.2	745.5	203.7	986.0	74.0	1,060.0
May	933.9	733.4	200.5	993.3	83.7	1,077.0
Jun	916.3	719.7	196.7	1,026.2	120.8	1,147.0
Jul						
Aug						
Sep						

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 2,063.3

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

Contract Year: 10/1/17 to: 9/30/18

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**
 Last updated by **C.O.M.B. 06/29/18**

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	16.0	1,060.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	16.0	1,060.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED				
Month	M & I	Agr	Total	Evap	Used	Total	Allocation		Allocation		Total
							M & I	Agr	M & I	Agr	
Oct	2.4	0.0	2.4	0.2	2.4	2.6	2.6	0.0	0.0	0.0	0.0
Nov	1.2	0.0	1.2	0.1	1.2	1.3	1.3	0.0	0.0	0.0	0.0
Dec	2.4	0.0	2.4	0.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0
Jan	0.9	0.0	0.9	0.1	0.9	1.0	1.0	0.0	0.0	0.0	0.0
Feb	1.3	0.0	1.3	0.1	1.3	1.4	1.4	0.0	0.0	0.0	0.0
Mar	0.2	0.0	0.2	0.1	0.2	0.2	0.2	0.0	0.0	0.0	0.0
Apr	1.9	0.0	1.9	0.1	1.9	2.0	2.0	0.0	0.0	0.0	0.0
May	2.0	0.0	2.0	0.1	2.0	2.1	2.1	0.0	0.0	0.0	0.0
Jun	2.0	0.0	2.0	0.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0
Jul	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-
Total	14.3	0.0	14.3	0.8	14.3	15.0	15.0	0.0	0.0	0.0	0.0

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
2.6	(2.6)	-	-
1.3	(1.3)	-	-
2.4	(2.4)	-	-
1.0	(1.0)	-	-
1.4	(1.4)	-	-
0.2	(0.2)	-	-
2.0	(2.0)	-	-
2.1	(2.1)	-	-
2.0	(2.0)	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Month
 Oct
 Nov
 Dec
 Jan
 Feb
 Mar
 Apr
 May
 Jun
 Jul
 Aug
 Sep

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
Month	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	16.0	0.0	16.0	710.0	350.0	1,060.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	ID #1 Exchange (-72AF)			(36.0)	(36.0)	(72.0)
Jun	ID #1 Exchange (-290AF)			(136.3)	(153.7)	(290.0)
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

*NOTE:

Month
 Oct
 Nov
 Dec
 Jan
 Feb
 Mar
 Apr
 May
 Jun
 Jul
 Aug
 Sep

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
County Parks Usage (AF)	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	2.4	-	13.4	710.0	350.0	1,060.0
Nov	1.2	-	12.0	710.0	350.0	1,060.0
Dec	2.4	-	9.6	710.0	350.0	1,060.0
Jan	0.9	-	8.6	710.0	350.0	1,060.0
Feb	1.3	-	7.2	710.0	350.0	1,060.0
Mar	0.2	-	7.0	710.0	350.0	1,060.0
Apr	1.9	-	5.1	710.0	350.0	1,060.0
May	2.0	-	3.0	674.0	314.0	988.0
Jun	2.0	-	1.0	537.7	160.3	698.0
Jul						
Aug						
Sep						

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **699.0**

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

Contract Year: 10/1/17 to: 9/30/18

Contract Entity: **Santa Barbara Co. Water Agency**
 Last updated by C.O.M.B. 06/29/18

Month	Carryover Balance Prior Yr		Approved Allocation Curr Yr		CARRYOVER WATER				CURRENT YEAR ALLOCATION					
	TOTAL WATER USED				WATER USE CHARGED				WATER USE CHARGED					
	Acre-feet				Allocation				Allocation					
	Use %	M & I	Agr	Total	Evap	Div	Total	M & I	Agr	M & I	Agr	Total		
Oct	8,903.0	10,284.0	0.1	658.9	291.7	950.6	130.2	950.6	1,080.8	768.7	312.1	0.0	0.0	0.0
Nov			0.0	560.6	315.9	876.5	60.5	876.5	937.0	612.1	324.9	0.0	0.0	0.0
Dec			0.0	219.9	194.3	414.2	45.7	414.2	459.9	260.1	199.7	0.0	0.0	0.0
Jan			0.0	0.9	0.0	43.5	43.3	43.5	86.8	32.2	54.5	0.0	0.0	0.0
Feb			0.0	1.3	98.0	99.3	52.0	99.3	151.3	39.2	112.1	0.0	0.0	0.0
Mar			0.0	0.2	11.6	11.8	42.9	11.8	54.7	32.0	22.8	0.0	0.0	0.0
Apr			0.0	1.9	79.2	81.0	72.8	81.0	153.8	55.9	97.9	0.0	0.0	0.0
May			0.0	2.0	126.0	128.1	95.6	128.1	223.7	74.7	149.0	0.0	0.0	0.0
Jun			0.0	2.0	117.2	119.1	107.1	119.1	226.2	85.1	141.2	0.0	0.0	0.0
Jul			-	-	-	-	-	-	-	-	-	-	-	-
Aug			-	-	-	-	-	-	-	-	-	-	-	-
Sep			-	-	-	-	-	-	-	-	-	-	-	-
Total	8,903.0	10,284.0	0.2	1,447.7	1,276.5	2,724.2	650.0	2,724.2	3,374.2	1,960.0	1,414.1	0.0	0.0	0.0

Month	CONVERSIONS (M&I AND AG)			
	CARRYOVER WATER		CURR YR ALLOCATION	
	M & I	Agr	M & I	Agr
Oct	2.6	(2.6)	-	-
Nov	1.3	(1.3)	-	-
Dec	2.4	(2.4)	-	-
Jan	1.0	(1.0)	-	-
Feb	1.4	(1.4)	-	-
Mar	0.2	(0.2)	-	-
Apr	2.0	(2.0)	-	-
May	2.1	(2.1)	-	-
Jun	2.0	(2.0)	-	-
Jul	-	-	-	-
Aug	-	-	-	-
Sep	-	-	-	-

Month
 Oct
 Nov
 Dec
 Jan
 Feb
 Mar
 Apr
 May
 Jun
 Jul
 Aug
 Sep

Month	SCHEDULE AND REVISIONS				SCHEDULE AND REVISIONS			
	Begin Bal	Total	Allocation		Allocation		Total	
			M & I	Agr	M & I	Agr		
Oct	-	-	-	-	-	-	-	
Nov	-	-	-	-	-	-	-	
Dec	-	-	-	-	-	-	-	
Jan	-	-	-	-	-	-	-	
Feb	-	-	-	-	-	-	-	
Mar	-	-	-	-	-	-	-	
Apr	-	-	-	-	100.0	-	100.0	
May	-	-	-	-	4.7	(4.7)	-	
Jun	30.0	30.0	23.6	6.4	37.1	(37.1)	-	
Jul	-	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	-	

Month	BALANCE - CARRYOVER WATER				BALANCE - CURR YR ALLOC			
	County Parks Usage (AF)	Total	Allocation		Allocation		Total	
			M & I	Agr	M & I	Agr		
Oct	2.4	7,822.2	6,332.0	1,490.3	8,134.0	2,150.0	10,284.0	
Nov	1.2	6,885.3	5,721.1	1,164.1	8,134.0	2,150.0	10,284.0	
Dec	2.4	6,425.4	5,463.4	961.9	8,134.0	2,150.0	10,284.0	
Jan	0.9	6,338.6	5,432.2	906.4	8,134.0	2,150.0	10,284.0	
Feb	1.3	6,187.3	5,394.3	792.9	8,134.0	2,150.0	10,284.0	
Mar	0.2	6,132.6	5,362.6	770.0	8,134.0	2,150.0	10,284.0	
Apr	1.9	5,978.8	5,308.7	670.1	8,234.0	2,150.0	10,384.0	
May	2.0	5,755.1	5,236.1	519.0	8,238.7	2,145.4	10,384.0	
Jun	2.0	5,558.8	5,176.6	382.2	8,275.8	2,108.3	10,384.0	
Jul	-	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	-	

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **15,942.8**



CACHUMA DAILY OPERATIONS

Month & Year: July 2018

Time of Observations: 0830 Evaporation Pan Factor: 81%

Day	Beginning Storage: 74,878			Surface Area acres	Rainfall inches	Rainfall acre-feet	Evap. inches	Evap. acre-feet	CCWA Inflow acre-feet	Releases					Computed Inflow acre-feet		
	Elevation ft	Storage acre-feet	Change acre-feet							S. Coast acre-feet	Hilton acre-feet	WR8918 acre-feet	Outlet acre-feet	Spillway acre-feet			
1	701.64	74829	-49	1624	0.00		0.30	32.9	39.5	55.6	4.7		6.3		11.0		
2	701.61	74780	-49	1623	0.00		0.29	31.8	41.1	59.6	4.8		7.2		13.5		
3	701.56	74699	-81	1622	0.00		0.32	35.0	41.0	95.0	4.8		7.2		20.3		
4	701.49	74586	-113	1621	0.00		0.36	39.4	36.7	93.5	4.7		8.3		-3.9		
5	701.42	74473	-113	1620	0.00		0.29	31.7	32.2	115.1	4.7		7.3		13.5		
6	701.36	74376	-97	1619	0.00		0.28	30.6	34.9	106.6	4.7		7.3		17.4		
7	701.30	74279	-97	1618	0.00		0.38	41.5	32.0	104.1	4.7		8.3		29.7		
8	701.24	74182	-97	1617	0.00		0.38	41.5	32.1	84.6	4.6		7.4		9.0		
9	701.19	74102	-81	1616	0.00		0.34	37.1	40.2	73.7	4.7		8.3		2.8		
10	701.14	74021	-81	1615	0.00		0.39	42.5	38.6	81.3	4.6		7.4		16.4		
11	701.07	73908	-113	1614	0.00		0.46	50.1	36.5	87.1	4.7		8.3		0.6		
12	701.04	73859	-48	1614	0.00		0.30	32.7	36.5	52.9	4.6		8.4		13.6		
13	701.00	73795	-65	1613	0.00		0.13	14.2	36.5	58.4	4.6		7.4		-16.6		
14	700.95	73714	-81	1612	0.00		0.31	33.7	36.5	82.9	4.7		8.3		12.3		
15	700.89	73617	-97	1611	0.00		0.41	44.6	35.7	88.0	4.6		7.4		11.9		
16	700.84	73536	-81	1610	0.00		0.31	33.7	35.7	71.0	4.6		8.4		1.2		
17	700.80	73471	-65	1610	0.00		0.44	47.8	35.7	61.3	4.6		7.4		20.8		
18	700.75	73391	-81	1609	0.00		0.30	32.6	35.6	62.2	4.7		12.3		-4.6		
19	700.72	73342	-48	1608	0.00		0.16	17.4	35.6	64.4	4.6		7.4		9.7		
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTALS			-1536		0.00	0.0	6.15	670.8	0.0	692.6	0.0	1,497.3	88.7	0.0	150.3	0.0	178.7

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 2018**

Cachuma Lake Recreation Area Launch Data -- June 2018		
Inspection Data		
Total Vessels entering Park	298	
Total Vessels launched	277	
Total Vessels Quarantined	21	
Returning with Boat Launch Tag	187	68%
New: Removed from Quarantine		
Kayak/Canoe: Inspected, launched	90	32%
4-stroke Engines		
2-strokes, w/CARB star ratings		
2-strokes, NO emissions ratings		
Quarantine Data		
Total Vessels Quarantined	21	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	21	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	5	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	21	
Demographic Data		
Quarantined from infected county	5	
Quarantined from SB County	16	
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, Santa Barbara County, California
 Inspection Date and Time: 2018.06.30; 9:00 11:00 PDT
 Method: 10 PVC/Cement Sampling Stations; 52 linear feet of line
 Surveyors: SBCO Parks
 Lake elevation: Max feet: 753.00, current 701.7; Max acre-feet: 193,305, current: 74,927;
 Current capacity: 38.8%