

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

held at

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

Monday, January 22, 2018

2:00 P.M.

AGENDA

1. **CALL TO ORDER, ROLL CALL**
2. **INTRODUCTION OF NEW DIRECTOR**
3. **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.*)
4. **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 November 6, 2017 Special Board Meeting](#)
[Minutes of November 27, 2017 Regular Board Meeting](#)
 - b. [Investment of Funds](#)
 - Financial Reports – November and December 2017
 - Investment Reports – November and December 2017
 - c. [Review of Paid Claims – November and December 2017](#)
5. **FISCAL YEAR 2017-18 MID-YEAR ELECTIONS; APPOINTMENTS OF CACHUMA OPERATION & MAINTENANCE BOARD**
Action: Election of Vice-President by nomination and roll call vote of the Board:
 - a. Election of Vice-President
 - b. Appointment to Committees
6. **MID-YEAR BANKING RESOLUTIONS**
Action: Recommend approval by motion and roll call vote on one motion unless member requests separate consideration
 - a. Resolution No. 649 Authorizing Investment of Monies in the Local Agency Investment Fund
 - b. Resolution No. 650 Establishing a Supplemental Account Agreement for Telephone Transfers
 - c. Resolution No. 651 Authorizing Signatories for General Fund Account at American Riviera Bank
 - d. Resolution No. 652 Authorizing Signatories for Revolving Fund Account at American Riviera Bank
 - e. Resolution No. 653 Authorizing Signatories for Trust Fund and Renewal Fund Accounts at American Riviera Bank

7. **WATER RESOURCES ENGINEER REPORT**

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

- Emergency Operational Repairs
- Lake Cachuma Elevation Projection Model
- Evaporation Discrepancy
- Drought Contingency Plan

8. **RESOLUTION NO. 654 – DESIGNATION OF APPLICANTS AGENT FOR FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)/CalOES**

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

9. **QUARTERLY FINANCIAL REVIEW**

Receive information on Financial Position for 2nd Quarter FY 2017-18

10. **GENERAL MANAGER REPORT**

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

- Recent Emergency Response
- Meetings
- Administration
- Operations Division Activities
- Fisheries Division Activities

11. **OPERATIONS DIVISION REPORT**

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

- Lake Cachuma Operations
- Operation and Maintenance Activities

12. **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

13. **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

14. **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

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

16. **RESOLUTION NO. 648 COMMENDING DIRECTOR WHITE FOR SERVICE TO THE CACHUMA OPERATION AND MAINTENANCE BOARD**
Action: Recommend approval by motion and roll call vote of the Board
17. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING AND POTENTIAL LITIGATION**
 - a. [Government Code Section 54956.9(d)(4)]
Name of matter: Protest of Member Agency re: Payment of Quarterly Assessments
18. **RECONVENE INTO OPEN SESSION**
[Government Code Section 54957.7]
Disclosure of actions taken in closed session, as applicable
[Government Code Section 54957.1]
 - a. Protest of Member Agency re: Payment of Quarterly Assessments
19. **MEETING SCHEDULE**
 - **February 26, 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, November 6, 2017

1. Call to Order, Roll Call

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

Directors Present:

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

Staff Present:

Janet Gingras, General Manager	Joel Degner, Water Resources Engineer
Edward Lyons, Administrative Manager/CFO	Dave Stewart, Operations Division Manager
Adriane Passani, Admin Asst. III/Bookkeeper	William Carter, General Counsel (By phone)

Others Present:

None

2. Public Comment

There were no public comments.

3. Whittier Fire Potential Impacts and Preparations

a. Intake Tower Debris Boom Installation

Ms. Gingras presented the memorandum as incorporated in the Board packet, which detailed the Cushman Contracting Corporation change order in the amount of \$71,500.00. The project will be funded \$30,000.00 from the Warren Act Trust Fund and matched \$30,000.00 from the County of Santa Barbara; the County has agreed to allow this contribution to go towards the debris boom installation. Ms. Gingras fielded questions from the Board. Director Holcombe moved to approve the authorization for up to and including the financial commitment of \$71,500.00, seconded by Director Hanson; the motion passed by 6/0/1/0 vote:

Ayes: White, Holcombe, Hanson, Morgan

Nays:

Absent: Walsh

Abstain:

4. Infrastructure Improvement Plan (IIP)

a. Sycamore Canyon Slope Stabilization Project

Mr. Degner presented the memorandum as incorporated in the Board packet, which detailed the Flower and Associates, Inc. proposal received for this project. Mr. Degner fielded questions from the Board. Director Holcombe moved to approve the authorization for up to and including the financial commitment of \$137,200.00, seconded by Director White; the motion passed by 6/0/1/0 vote:

Ayes: White, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

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

The Board went into closed session at 2:41 PM

a. [Government Code Section 54956.9(d)(4)]

Name of matter: Protest of Member Agency re: Payment of Quarterly Assessments

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 3:28 PM

There were no reportable actions.

7. Meeting Schedule

- **November 27, 2017 Regular Board Meeting at 2:00 PM, COMB Office**
- **Board Packages Available on COMB Website**
www.cachuma-board.org

8. COMB Adjournment

There being no further business, the meeting adjourned at 3:30 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

APPROVED:

	<i>Approved</i>
✓	<i>Unapproved</i>

Doug Morgan, President of the Board

**MINUTES OF A REGULAR MEETING
of the
CACHUMA OPERATION AND MAINTENANCE BOARD
held at
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, November 27, 2017**

1. Call to Order, Roll Call

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

Directors Present:

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

Staff Present:

Janet Gingras, General Manager	Joel Degner, Water Resources Engineer
Edward Lyons, Administrative Manager/CFO	Dave Stewart, Operations Division Manager
Adriane Passani, Admin Asst. III/Bookkeeper	William Carter, General Counsel
Carinna Butler, Admin Asst. II	Tim Robinson, Fisheries Division Manager

Others Present:

Kelly Dyer, City of SB Public Works	Duane Stroup, Bureau of Reclamation
Philip Walker, Santa Barbara resident	Fray Crease, SB County Water Agency
Bob McDonald, Carpinteria Valley Water District	

2. Public Comment

Mr. Walker addressed the Board regarding the Tecolote Tunnel walkthrough. He shared with the board a "Water Tunnel Condition Assessment a Comprehensive Approach to Evaluating Reliability" prepared by the Jacobs Engineering Group. Additionally, he mentioned the stratospheric intrusion and North Bay fires.

3. Introduction of New Staff Member

Ms. Gingras introduced COMB's newest employee, Carinna Butler, Administrative Assistant II who started with COMB on November 20, 2017. Ms. Gingras noted to the Board Ms. Butler's certification as a Water Distribution Operator. The Board welcomed Ms. Butler.

4. Consent Agenda

a. Minutes

- October 13, 2017 Special Board Meeting

- October 23, 2017 Regular Board Meeting

b. Investment of Funds

- Financial Reports
- Investment Reports

c. Review of Paid Claims

Ms. Gingras presented the Consent Agenda as provided in the board packet. Mr. Lyons highlighted specific items in the financial reports to the Board, which included the second quarter assessments and the payment of unexpended funds to the Member Units for the FY 2016-17 surplus. Ms. Gingras fielded questions from the Board. Director White moved to approve the consent agenda as presented. Seconded by Director Holcombe; the motion passed by 6/0/1/0 vote:

Ayes: White, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

5. Purchase of Replacement Fleet Vehicle

Ms. Gingras presented the memorandum as incorporated in the board packet, which detailed the purchase price quotations for a new vehicle for the Fisheries Division at a not to exceed amount of \$33,806. Ms. Gingras fielded questions from the Board. Director Holcombe moved to approve the authorization for up to and including the financial commitment of \$33,806, seconded by Director Hanson; the motion passed by 6/0/1/0 vote:

Ayes: White, Holcombe, Hanson, Morgan

Nayes:

Absent: Walsh

Abstain:

6. General Manager Report

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

Ms. Gingras presented topics within her report as incorporated in the board packet and highlighted the Whittier Fire Action Plan meeting that took place; Caltrans was able to clean out some culverts since the last meeting. County Flood Control will be holding a modeling workshop in December in regards to early warning detection to give notice to the Member Agencies. President Morgan requested from the County updates before or after every rain storm in order to inform the public. Ms. Gingras also updated the Board on the Cachuma Project Member Agency Meeting which primarily covered the Whittier Fire follow up along with supply and demand issues. The Regional Drought Task Force Meeting was well attended and was focused on the status of Santa Barbara County purveyors in relation to water supply and demand projections.

The State Representatives were extremely interested and receptive. Ms. Gingras indicated that COMB is working on the Cachuma Member Units total demand and supply forecasts.

Ms. Gingras provided a status update on the 2018 Cachuma Project Water Rates within her report as incorporated in the board packet and introduced Mr. Duane Stroup with the Bureau of Reclamation. Ms. Gingras and Mr. Stroup fielded questions from the Board.

7. Water Resources Engineer Report

- Lake Cachuma Elevation Projection Model
- Water Accounting
- Right-of-Way Program/GIA Update
- North Portal Intake Tower Conditions Assessment
- Tecolote Tunnel Inspection

Mr. Degner presented topics within his report as incorporated in the board packet, highlighting the Lake Cachuma Elevation Projection Model, meter replacement, water accounting and the Right-of-Way Program. Mr. Degner fielded questions from the Board.

8. Operations Division Report

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. Stewart presented topics within his report as incorporated in the board packet, highlighting Dam training staff had attended which was put on by the Bureau. He mentioned the preparation efforts taking place for the Tecolote Tunnel inspection scheduled for late December and gave updates on the Infrastructure Improvement Plan projects along with a detailed summary of the Division's tasks and objectives for the month. Mr. Stewart fielded questions from the Board.

9. Fisheries Division Report

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

Mr. Robinson presented topics within his report as incorporated in the board packet, highlighting that water rights releases ended on November 8, 2017 and the newsletter "Thrive California" which featured COMB's efforts in habitat improvement projects. Mr. Robinson offered further detail on recent Fisheries Division activities and fielded questions from the Board.

10. Progress Report on Lake Cachuma Oak Tree Program

- Maintenance and Monitoring

Mr. Robinson updated the Board on progress of the Oak Tree Program as incorporated in the board packet highlighting the pruning, deer cage maintenance and mulching efforts taking place. Mr. Robinson fielded questions from the Board.

11. 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 highlighted improvements staff has made to the reports and water accounting model. Ms. Gingras fielded questions from the Board.

12. Directors' Request for Agenda Items for Future Meeting

- Director Holcombe requested an update on the Bureau Water Rates.

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

The Board went into closed session at 3:34 PM

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

14. RECONVENE INTO OPEN SESSION

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

The Board came out of closed session at 4:16 PM

There was no reportable action.

15. Meeting Schedule

- **December 18, 2017 at 2:00 P.M., COMB Office**
- **Board Packages Available on COMB Website**
www.cachuma-board.org

16. COMB Adjournment

There being no further business, the meeting adjourned at 4:17 PM

Respectfully submitted,

Janet Gingras, Secretary of the Board

APPROVED:

	<i>Approved</i>
✓	<i>Unapproved</i>

Doug Morgan, President of the Board

Cachuma Operation & Maintenance Board
Statement of Net Position
As of November 30, 2017
UNAUDITED FINANCIALS

ASSETS

Current Assets

Checking/Savings

Trust Funds

1210 · Warren Act Trust Fund 1,081,070.52

1220 · Renewal Fund 10,215.61

Total Trust Funds 1,091,286.13

1050 · General Fund 893,142.08

1100 · Revolving Fund 207,631.55

Total Checking/Savings 2,192,059.76

Accounts Receivable

1320 · Qrtly Assessments Receivable 359,586.00

Total Accounts Receivable 359,586.00

Other Current Assets

1010 · Petty Cash 500.00

1200 · LAIF 821,352.71

1303 · Bradbury SOD Act Assmnts Rec 190,101.00

1304 · Lauro Dam SOD Assesmnt Rec 29,472.92

1310 · Misc Receivable 48,990.77

1400 · Prepaid Insurance 19,432.72

Total Other Current Assets 1,109,850.12

Total Current Assets 3,661,495.88

Fixed Assets

1500 · Vehicles 411,918.76

1505 · Office Furn & 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 Assess Rec 4,875,720.07

1920 · LT Lauro SOD Act Assess Rec 865,427.91

1922 · Deferred O/F of Res (GASB 68) 148,586.00

Total Other Assets 5,889,733.98

TOTAL ASSETS 9,698,541.22

Cachuma Operation & Maintenance Board
Statement of Net Position
As of November 30, 2017
UNAUDITED FINANCIALS

LIABILITIES & NET POSITION

Liabilities

Current Liabilities

Accounts Payable

2200 · Accounts Payable 207,229.88

Total Accounts Payable 207,229.88

Other Current Liabilities

2510 · Accrued Expenses 56,346.87

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 87,008.00

2567 · Loan Payable Current EPFP 402,389.08

2590 · Deferred Revenue 1,091,286.13

Total Other Current Liabilities 2,000,000.50

Total Current Liabilities 2,207,230.38

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury 4,791,485.68

2603 · LT SOD Act Liability - Lauro 848,419.12

2604 · OPEB LT Liability 907,923.00

2605 · Loan Payable Principal - EPFP 1,182,312.17

2610 · Net Pension Liability (GASB 68) 1,160,030.00

2611 · Deferred I/F of Res (GASB 68) 224,052.00

Total Long Term Liabilities 9,114,221.97

Total Liabilities 11,321,452.35

Net Position

3000 · Opening Bal Equity -1,357,356.05

3901 · Retained Net Assets -880,621.51

Net Income 615,066.43

Total Equity -1,622,911.13

TOTAL LIABILITIES & NET POSITION 9,698,541.22

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

	Fisheries				Operations				TOTAL			
	Jul - Nov 17	Budget	\$ Over Budget	% of Budget	Jul - Nov 17	Budget	\$ Over Budget	% of Budget	Jul - Nov 17	Budget	\$ Over Budget	% of Budget
Revenue												
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	395,746.00	821,492.00	-425,746.00	48.17%	1,416,594.00	2,893,190.00	-1,476,596.00	48.96%	1,812,340.00	3,714,682.00	-1,902,342.00	48.79%
3006 · Warren Act	0.00	620,361.00	-620,361.00	0.0%	0.00				0.00	620,361.00	-620,361.00	0.0%
3009 · Pmts - Member Agencies - EPFP	0.00				115,862.56				115,862.56	0.00	115,862.56	100.0%
3010 · Interest Income	0.00				4,129.42				4,129.42	0.00	4,129.42	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	0.00	90,000.00	-90,000.00	0.0%	0.00				0.00	90,000.00	-90,000.00	0.0%
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%
3090 · Proceeds - Disp of Fixed Asset	4,019.00				0.00				4,019.00	0.00	4,019.00	100.0%
Total 3000 REVENUE	407,887.74	2,425,140.00	-2,017,252.26	16.82%	1,536,881.11	2,893,190.00	-1,356,308.89	53.12%	1,944,768.85	5,318,330.00	-3,373,561.15	36.57%
Total Revenue	407,887.74	2,425,140.00	-2,017,252.26	16.82%	1,536,881.11	2,893,190.00	-1,356,308.89	53.12%	1,944,768.85	5,318,330.00	-3,373,561.15	36.57%
Gross Profit	407,887.74	2,425,140.00	-2,017,252.26	16.82%	1,536,881.11	2,893,190.00	-1,356,308.89	53.12%	1,944,768.85	5,318,330.00	-3,373,561.15	36.57%
Expense												
3100 · LABOR - OPERATIONS	0.00				242,456.22	789,107.00	-546,650.78	30.73%	242,456.22	789,107.00	-546,650.78	30.73%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				18,534.42	30,000.00	-11,465.58	61.78%	18,534.42	30,000.00	-11,465.58	61.78%
3202 · Fixed Capital	0.00				0.00	15,000.00	-15,000.00	0.0%	0.00	15,000.00	-15,000.00	0.0%
3203 · Equipment Rental	0.00				1,058.73	5,000.00	-3,941.27	21.18%	1,058.73	5,000.00	-3,941.27	21.18%
3204 · Miscellaneous	0.00				2,621.13	5,000.00	-2,378.87	52.42%	2,621.13	5,000.00	-2,378.87	52.42%
Total 3200 VEH & EQUIPMENT	0.00				22,214.28	55,000.00	-32,785.72	40.39%	22,214.28	55,000.00	-32,785.72	40.39%
3300 · CONTRACT LABOR												
3301 · Conduit, Meter, Valve & Misc	0.00				4,313.40	20,000.00	-15,686.60	21.57%	4,313.40	20,000.00	-15,686.60	21.57%
3302 · Buildings & Roads	0.00				3,304.90	20,000.00	-16,695.10	16.53%	3,304.90	20,000.00	-16,695.10	16.53%
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				0.00	25,000.00	-25,000.00	0.0%	0.00	25,000.00	-25,000.00	0.0%
Total 3300 · CONTRACT LABOR	0.00				7,618.30	95,000.00	-87,381.70	8.02%	7,618.30	95,000.00	-87,381.70	8.02%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				3,754.62	65,000.00	-61,245.38	5.78%	3,754.62	65,000.00	-61,245.38	5.78%
3402 · Buildings & Roads	0.00				4,004.77	8,000.00	-3,995.23	50.06%	4,004.77	8,000.00	-3,995.23	50.06%
3403 · Reservoirs	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
Total 3400 · MATERIALS & SUPPLIES	0.00				7,759.39	78,000.00	-70,240.61	9.95%	7,759.39	78,000.00	-70,240.61	9.95%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				3,084.34	7,000.00	-3,915.66	44.06%	3,084.34	7,000.00	-3,915.66	44.06%
3502 · Uniforms	0.00				175.00	5,000.00	-4,825.00	3.5%	175.00	5,000.00	-4,825.00	3.5%
3503 · Communications	0.00				8,114.03	18,000.00	-9,885.97	45.08%	8,114.03	18,000.00	-9,885.97	45.08%
3504 · USA & Other Services	0.00				887.04	4,000.00	-3,112.96	22.18%	887.04	4,000.00	-3,112.96	22.18%
3505 · Miscellaneous	0.00				2,559.27	8,000.00	-5,440.73	31.99%	2,559.27	8,000.00	-5,440.73	31.99%
3506 · Training	0.00				120.70	3,000.00	-2,879.30	4.02%	120.70	3,000.00	-2,879.30	4.02%
Total 3500 · OTHER EXPENSES	0.00				14,940.38	45,000.00	-30,059.62	33.2%	14,940.38	45,000.00	-30,059.62	33.2%
4100 · LABOR - FISHERIES	273,958.49	683,374.00	-409,415.51	40.09%	0.00				273,958.49	683,374.00	-409,415.51	40.09%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	8,482.06	15,000.00	-6,517.94	56.55%	0.00				8,482.06	15,000.00	-6,517.94	56.55%
4280 · Fixed Capital	0.00	15,000.00	-15,000.00	0.0%	0.00				0.00	15,000.00	-15,000.00	0.0%
4290 · Miscellaneous	2,668.17	2,500.00	168.17	106.73%	0.00				2,668.17	2,500.00	168.17	106.73%
Total 4200 · VEHICLES & EQUIP - FISHERIES	11,150.23	32,500.00	-21,349.77	34.31%	0.00				11,150.23	32,500.00	-21,349.77	34.31%

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

	Fisheries				Operations				TOTAL			
	Jul - Nov 17	Budget	\$ Over Budget	% of Budget	Jul - Nov 17	Budget	\$ Over Budget	% of Budget	Jul - Nov 17	Budget	\$ Over Budget	% of Budget
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	59.39	25,000.00	-24,940.61	0.24%	0.00				59.39	25,000.00	-24,940.61	0.24%
Total 4220 · CONTRACT LABOR - FISHERIES	163.39	28,000.00	-27,836.61	0.58%	0.00				163.39	28,000.00	-27,836.61	0.58%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	1,114.79	7,000.00	-5,885.21	15.93%	0.00				1,114.79	7,000.00	-5,885.21	15.93%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	1,114.79	7,000.00	-5,885.21	15.93%	0.00				1,114.79	7,000.00	-5,885.21	15.93%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	1,214.73	2,500.00	-1,285.27	48.59%	0.00				1,214.73	2,500.00	-1,285.27	48.59%
Total 4500 · OTHER EXPENSES - FISHERIES	1,214.73	2,500.00	-1,285.27	48.59%	0.00				1,214.73	2,500.00	-1,285.27	48.59%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				3,114.79	12,000.00	-8,885.21	25.96%	3,114.79	12,000.00	-8,885.21	25.96%
5001 · Director Mileage	0.00				198.88	1,000.00	-801.12	19.89%	198.88	1,000.00	-801.12	19.89%
5100 · Legal	0.00				11,227.30	75,000.00	-63,772.70	14.97%	11,227.30	75,000.00	-63,772.70	14.97%
5101 · Audit	0.00				6,156.10	21,625.00	-15,468.90	28.47%	6,156.10	21,625.00	-15,468.90	28.47%
5150 · Unemployment Tax	0.00				0.00	5,000.00	-5,000.00	0.00%	0.00	5,000.00	-5,000.00	0.00%
5200 · Liability Insurance	0.00				41,668.90	50,551.00	-8,882.10	82.43%	41,668.90	50,551.00	-8,882.10	82.43%
5310 · Postage/Office Exp	0.00				1,464.09	5,000.00	-3,535.91	29.28%	1,464.09	5,000.00	-3,535.91	29.28%
5311 · Office Equip/Leases	0.00				3,294.27	9,200.00	-5,905.73	35.81%	3,294.27	9,200.00	-5,905.73	35.81%
5312 · Misc Admin Expenses	0.00				3,361.56	8,600.00	-5,238.44	39.09%	3,361.56	8,600.00	-5,238.44	39.09%
5313 · Communications	0.00				3,550.12	8,500.00	-4,949.88	41.77%	3,550.12	8,500.00	-4,949.88	41.77%
5314 · Utilities	0.00				4,336.46	9,737.00	-5,400.54	44.54%	4,336.46	9,737.00	-5,400.54	44.54%
5315 · Membership Dues	0.00				7,614.10	8,500.00	-885.90	89.58%	7,614.10	8,500.00	-885.90	89.58%
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				4,030.77	15,000.00	-10,969.23	26.87%	4,030.77	15,000.00	-10,969.23	26.87%
5325 · Emp Training/Subscriptions	0.00				1,881.10	2,000.00	-118.90	94.06%	1,881.10	2,000.00	-118.90	94.06%
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				231.34	1,000.00	-768.66	23.13%	231.34	1,000.00	-768.66	23.13%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				95,956.61	237,713.00	-141,756.39	40.37%	95,956.61	237,713.00	-141,756.39	40.37%
5299 · ADMIN LABOR	0.00				208,340.58	568,370.00	-360,029.42	36.66%	208,340.58	568,370.00	-360,029.42	36.66%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	811.90	20,000.00	-19,188.10	4.06%	0.00				811.90	20,000.00	-19,188.10	4.06%
5410 · Postage / Office Supplies	757.11	4,000.00	-3,242.89	18.93%	0.00				757.11	4,000.00	-3,242.89	18.93%
5411 · Office Equipment / Leases	1,773.84	5,218.00	-3,444.16	34.0%	0.00				1,773.84	5,218.00	-3,444.16	34.0%
5412 · Misc. Admin Expense	2,649.26	5,610.00	-2,960.74	47.22%	0.00				2,649.26	5,610.00	-2,960.74	47.22%
5413 · Communications	2,470.04	4,305.00	-1,834.96	57.38%	0.00				2,470.04	4,305.00	-1,834.96	57.38%
5414 · Utilities	2,335.00	5,243.00	-2,908.00	44.54%	0.00				2,335.00	5,243.00	-2,908.00	44.54%
5415 · Membership Dues	5,204.90	5,500.00	-295.10	94.64%	0.00				5,204.90	5,500.00	-295.10	94.64%
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%
5418 · Computer Consultant	2,170.39	5,000.00	-2,829.61	43.41%	0.00				2,170.39	5,000.00	-2,829.61	43.41%
5425 · Employee Education/Subscription	1,012.90	2,500.00	-1,487.10	40.52%	0.00				1,012.90	2,500.00	-1,487.10	40.52%
5426 · Director Fees	1,677.20	6,500.00	-4,822.80	25.8%	0.00				1,677.20	6,500.00	-4,822.80	25.8%
5427 · Director Mileage	107.09	500.00	-392.91	21.42%	0.00				107.09	500.00	-392.91	21.42%
5430 · Travel	65.87	2,500.00	-2,434.13	2.64%	0.00				65.87	2,500.00	-2,434.13	2.64%
5431 · Public Information	124.57	1,500.00	-1,375.43	8.31%	0.00				124.57	1,500.00	-1,375.43	8.31%
5441 · Audt	2,937.90	7,175.00	-4,237.10	40.95%	0.00				2,937.90	7,175.00	-4,237.10	40.95%
5443 · Liab & Property Ins	22,437.10	24,745.00	-2,307.90	90.67%	0.00				22,437.10	24,745.00	-2,307.90	90.67%
Total 5400 · GENERAL & ADMIN - FISHERIES	46,535.07	103,296.00	-56,760.93	45.05%	0.00				46,535.07	103,296.00	-56,760.93	45.05%

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

	Fisheries				Operations				TOTAL			
	Jul - Nov 17	Budget	\$ Over Budget	% of Budget	Jul - Nov 17	Budget	\$ Over Budget	% of Budget	Jul - Nov 17	Budget	\$ Over Budget	% of Budget
5499 · ADMIN LABOR-FISHERIES	72,189.41	225,470.00	-153,280.59	32.02%	0.00				72,189.41	225,470.00	-153,280.59	32.02%
5510 · Integrated Reg. Water Mgt Plan	0.00				4,766.00	5,000.00	-234.00	95.32%	4,766.00	5,000.00	-234.00	95.32%
6000 · SPECIAL PROJECTS												
6062 · SCADA	0.00				304.08	20,000.00	-19,695.92	1.52%	304.08	20,000.00	-19,695.92	1.52%
6090 · COMB Office Building	0.00				147.06	20,000.00	-19,852.94	0.74%	147.06	20,000.00	-19,852.94	0.74%
6096 · SCC Structure Rehabilitation	0.00				32,665.02	225,000.00	-192,334.98	14.52%	32,665.02	225,000.00	-192,334.98	14.52%
6097 · GIS and Mapping	0.00				4,718.19	10,000.00	-5,281.81	47.18%	4,718.19	10,000.00	-5,281.81	47.18%
6105 · ROW Management Program	0.00				0.00	20,000.00	-20,000.00	0.0%	0.00	20,000.00	-20,000.00	0.0%
6118 · Repair Lateral 3 Structure	0.00				3,041.49	100,000.00	-96,958.51	3.04%	3,041.49	100,000.00	-96,958.51	3.04%
6120 · Emergency Pumping Fac Project	0.00				36,978.31	223,000.00	-186,021.69	16.58%	36,978.31	223,000.00	-186,021.69	16.58%
6120-2 · EPPF UF FY 2016-17	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				0.00	35,000.00	-35,000.00	0.0%	0.00	35,000.00	-35,000.00	0.0%
6130 · NP Slope Stabilization	0.00				65,547.78	30,000.00	35,547.78	218.49%	65,547.78	30,000.00	35,547.78	218.49%
6132 · Sycamore Canyon Slope Stabiliz	0.00				825.00	300,000.00	-299,175.00	0.28%	825.00	300,000.00	-299,175.00	0.28%
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				144,226.93	1,020,000.00	-875,773.07	14.14%	144,226.93	1,020,000.00	-875,773.07	14.14%
6200 · FISHERIES ACTIVITIES												
6201 · FMP Implementation	36,375.93	60,000.00	-23,624.07	60.63%	0.00				36,375.93	60,000.00	-23,624.07	60.63%
6202 · GIS and Mapping	5,060.25	10,000.00	-4,939.75	50.6%	0.00				5,060.25	10,000.00	-4,939.75	50.6%
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	26,412.50	100,000.00	-73,587.50	26.41%	0.00				26,412.50	100,000.00	-73,587.50	26.41%
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	5,075.82	40,000.00	-34,924.18	12.69%	0.00				5,075.82	40,000.00	-34,924.18	12.69%
Total 6200 · FISHERIES ACTIVITIES	72,924.50	233,000.00	-160,075.50	31.3%	0.00				72,924.50	233,000.00	-160,075.50	31.3%
6300 · HABITAT ENHANCEMENT												
6318 · Quiota Creek Crossing 9	3,612.99	30,000.00	-26,387.01	12.04%	0.00				3,612.99	30,000.00	-26,387.01	12.04%
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	0.00	20,000.00	-20,000.00	0.0%	0.00				0.00	20,000.00	-20,000.00	0.0%
6315 · Quiota Creek Crossing 8	0.00	60,000.00	-60,000.00	0.0%	0.00				0.00	60,000.00	-60,000.00	0.0%
6316 · Quiota Creek Crossing 5	63,606.51	960,000.00	-896,393.49	6.63%	0.00				63,606.51	960,000.00	-896,393.49	6.63%
6317 · Salsipuedes Fish Ladder Repair	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
Total 6300 · HABITAT ENHANCEMENT	67,219.50	1,110,000.00	-1,042,780.50	6.06%	0.00				67,219.50	1,110,000.00	-1,042,780.50	6.06%
7007 · INTEREST EXPENSE-EPPF	0.00				34,953.62				34,953.62	0.00	34,953.62	100.0%
Total Expense	546,470.11	2,425,140.00	-1,878,669.89	22.53%	783,232.31	2,893,190.00	-2,109,957.69	27.07%	1,329,702.42	5,318,330.00	-3,988,627.58	25.0%
Net Surplus/Deficit	-138,582.37	0.00	-138,582.37	100.0%	753,648.80	0.00	753,648.80	100.0%	615,066.43	0.00	615,066.43	100.0%

Cachuma Operation & Maintenance Board
Statement of Net Position
As of December 31, 2017
UNAUDITED FINANCIALS

ASSETS

Current Assets

Checking/Savings

Trust Funds

1210 · Warren Act Trust Fund 980,680.64

1220 · Renewal Fund 10,215.61

Total Trust Funds 990,896.25

1050 · General Fund 491,523.55

1100 · Revolving Fund 13,109.73

Total Checking/Savings 1,495,529.53

Accounts Receivable

1320 · Qrtly Assessments Receivable 42,492.00

1325 · Bank Loan Receivable - EPFP 115,862.56

Total Accounts Receivable 158,354.56

Other Current Assets

1010 · Petty Cash 500.00

1200 · LAIF 821,352.71

1311 · Cachuma Entitlement Receivable 516,541.76

1303 · Bradbury SOD Act Assessments Receivable 190,101.00

1304 · Lauro Dam SOD Assessments Receivable 29,472.92

1310 · Misc Receivable 5,400.44

1400 · Prepaid Insurance 19,432.72

Total Other Current Assets 1,582,801.55

Total Current Assets 3,236,685.64

Fixed Assets

1500 · Vehicles 411,918.76

1505 · Office Furn & 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 Assess Receivable 4,875,720.07

1920 · LT Lauro SOD Act Assess Receivable 865,427.91

1922 · Deferred Outflow of Resources (GASB 68) 148,586.00

Total Other Assets 5,889,733.98

TOTAL ASSETS 9,273,730.98

Cachuma Operation & Maintenance Board
Statement of Net Position
As of December 31, 2017
UNAUDITED FINANCIALS

LIABILITIES & NET POSITION

Liabilities

Current Liabilities

Accounts Payable

2200 · Accounts Payable

172,621.35

Total Accounts Payable

172,621.35

Other Current Liabilities

2510 · Accrued Expenses

56,346.87

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

87,008.00

2567 · Loan Payable Current EPFP

402,389.08

2590 · Deferred Revenue

990,896.25

Total Other Current Liabilities

1,899,610.62

Total Current Liabilities

2,072,231.97

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury

4,791,485.68

2603 · LT SOD Act Liability - Lauro

848,419.12

2604 · OPEB LT Liability

907,923.00

2605 · Loan Payable Principal - EPFP

1,148,767.47

2610 · Net Pension Liability (GASB 68)

1,160,030.00

2611 · Deferred Inflow of Resources (GASB 68)

224,052.00

Total Long Term Liabilities

9,080,677.27

Total Liabilities

11,152,909.24

Net Position

3000 · Opening Bal Equity

-1,357,356.05

3901 · Retained Net Assets

-880,621.51

Net Income

358,799.30

Total Net Position

-1,879,178.26

TOTAL LIABILITIES & NET POSITION

9,273,730.98

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

	Fisheries				Operations				TOTAL			
	Jul - Dec 17	Budget	\$ Over Budget	% of Budget	Jul - Dec 17	Budget	\$ Over Budget	% of Budget	Jul - Dec 17	Budget	\$ Over Budget	% of Budget
Revenue												
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	395,746.00	821,492.00	-425,746.00	48.17%	1,416,594.00	2,893,190.00	-1,476,596.00	48.96%	1,812,340.00	3,714,682.00	-1,902,342.00	48.79%
3006 · Warren Act	100,389.88	620,361.00	-519,971.12	16.18%	0.00				100,389.88	620,361.00	-519,971.12	16.18%
3009 · Pmts - Member Agencies - EPPF	0.00				231,725.12				231,725.12	0.00	231,725.12	100.0%
3010 · Interest Income	0.00				4,129.42				4,129.42	0.00	4,129.42	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	0.00	90,000.00	-90,000.00	0.0%	0.00				0.00	90,000.00	-90,000.00	0.0%
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%
3090 · Proceeds - Disp of Fixed Assset	4,019.00				0.00				4,019.00	0.00	4,019.00	100.0%
Total 3000 REVENUE	508,277.62	2,425,140.00	-1,916,862.38	20.96%	1,652,743.67	2,893,190.00	-1,240,446.33	57.13%	2,161,021.29	5,318,330.00	-3,157,308.71	40.63%
Total Revenue	508,277.62	2,425,140.00	-1,916,862.38	20.96%	1,652,743.67	2,893,190.00	-1,240,446.33	57.13%	2,161,021.29	5,318,330.00	-3,157,308.71	40.63%
Gross Profit	508,277.62	2,425,140.00	-1,916,862.38	20.96%	1,652,743.67	2,893,190.00	-1,240,446.33	57.13%	2,161,021.29	5,318,330.00	-3,157,308.71	40.63%
Expense												
3100 · LABOR - OPERATIONS	0.00				324,569.53	789,107.00	-464,537.47	41.13%	324,569.53	789,107.00	-464,537.47	41.13%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				21,714.95	30,000.00	-8,285.05	72.38%	21,714.95	30,000.00	-8,285.05	72.38%
3202 · Fixed Capital	0.00				0.00	15,000.00	-15,000.00	0.0%	0.00	15,000.00	-15,000.00	0.0%
3203 · Equipment Rental	0.00				1,058.73	5,000.00	-3,941.27	21.18%	1,058.73	5,000.00	-3,941.27	21.18%
3204 · Miscellaneous	0.00				3,078.37	5,000.00	-1,921.63	61.57%	3,078.37	5,000.00	-1,921.63	61.57%
Total 3200 VEH & EQUIPMENT	0.00				25,852.05	55,000.00	-29,147.95	47.0%	25,852.05	55,000.00	-29,147.95	47.0%
3300 · CONTRACT LABOR												
3301 · Conduit, Meter, Valve & Misc	0.00				4,313.40	20,000.00	-15,686.60	21.57%	4,313.40	20,000.00	-15,686.60	21.57%
3302 · Buildings & Roads	0.00				3,304.90	20,000.00	-16,695.10	16.53%	3,304.90	20,000.00	-16,695.10	16.53%
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				0.00	25,000.00	-25,000.00	0.0%	0.00	25,000.00	-25,000.00	0.0%
Total 3300 · CONTRACT LABOR	0.00				7,618.30	95,000.00	-87,381.70	8.02%	7,618.30	95,000.00	-87,381.70	8.02%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				3,778.56	65,000.00	-61,221.44	5.81%	3,778.56	65,000.00	-61,221.44	5.81%
3402 · Buildings & Roads	0.00				4,567.53	8,000.00	-3,432.47	57.09%	4,567.53	8,000.00	-3,432.47	57.09%
3403 · Reservoirs	0.00				1,228.35	5,000.00	-3,771.65	24.57%	1,228.35	5,000.00	-3,771.65	24.57%
Total 3400 · MATERIALS & SUPPLIES	0.00				9,574.44	78,000.00	-68,425.56	12.28%	9,574.44	78,000.00	-68,425.56	12.28%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				3,690.22	7,000.00	-3,309.78	52.72%	3,690.22	7,000.00	-3,309.78	52.72%
3502 · Uniforms	0.00				175.00	5,000.00	-4,825.00	3.5%	175.00	5,000.00	-4,825.00	3.5%
3503 · Communications	0.00				9,663.04	18,000.00	-8,336.96	53.68%	9,663.04	18,000.00	-8,336.96	53.68%
3504 · USA & Other Services	0.00				1,042.25	4,000.00	-2,957.75	26.06%	1,042.25	4,000.00	-2,957.75	26.06%
3505 · Miscellaneous	0.00				4,781.72	8,000.00	-3,218.28	59.77%	4,781.72	8,000.00	-3,218.28	59.77%
3506 · Training	0.00				120.70	3,000.00	-2,879.30	4.02%	120.70	3,000.00	-2,879.30	4.02%
Total 3500 · OTHER EXPENSES	0.00				19,472.93	45,000.00	-25,527.07	43.27%	19,472.93	45,000.00	-25,527.07	43.27%
4100 · LABOR - FISHERIES	345,816.76	683,374.00	-337,557.24	50.6%	0.00				345,816.76	683,374.00	-337,557.24	50.6%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	9,172.89	15,000.00	-5,827.11	61.15%	0.00				9,172.89	15,000.00	-5,827.11	61.15%
4280 · Fixed Capital	0.00	15,000.00	-15,000.00	0.0%	0.00				0.00	15,000.00	-15,000.00	0.0%
4290 · Miscellaneous	2,863.10	2,500.00	363.10	114.52%	0.00				2,863.10	2,500.00	363.10	114.52%
Total 4200 · VEHICLES & EQUIP - FISHERIES	12,035.99	32,500.00	-20,464.01	37.03%	0.00				12,035.99	32,500.00	-20,464.01	37.03%
4220 · CONTRACT LABOR - FISHERIES												

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

	Fisheries				Operations				TOTAL			
	Jul - Dec 17	Budget	\$ Over Budget	% of Budget	Jul - Dec 17	Budget	\$ Over Budget	% of Budget	Jul - Dec 17	Budget	\$ Over Budget	% of Budget
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	59.39	25,000.00	-24,940.61	0.24%	0.00				59.39	25,000.00	-24,940.61	0.24%
Total 4220 · CONTRACT LABOR - FISHERIES	163.39	28,000.00	-27,836.61	0.58%	0.00				163.39	28,000.00	-27,836.61	0.58%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	1,298.42	7,000.00	-5,701.58	18.55%	0.00				1,298.42	7,000.00	-5,701.58	18.55%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	1,298.42	7,000.00	-5,701.58	18.55%	0.00				1,298.42	7,000.00	-5,701.58	18.55%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	1,214.73	2,500.00	-1,285.27	48.59%	0.00				1,214.73	2,500.00	-1,285.27	48.59%
Total 4500 · OTHER EXPENSES - FISHERIES	1,214.73	2,500.00	-1,285.27	48.59%	0.00				1,214.73	2,500.00	-1,285.27	48.59%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				4,339.39	12,000.00	-7,660.61	36.16%	4,339.39	12,000.00	-7,660.61	36.16%
5001 · Director Mileage	0.00				272.41	1,000.00	-727.59	27.24%	272.41	1,000.00	-727.59	27.24%
5100 · Legal	0.00				11,227.30	75,000.00	-63,772.70	14.97%	11,227.30	75,000.00	-63,772.70	14.97%
5101 · Audit	0.00				16,732.90	21,625.00	-4,892.10	77.38%	16,732.90	21,625.00	-4,892.10	77.38%
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				41,668.90	50,551.00	-8,882.10	82.43%	41,668.90	50,551.00	-8,882.10	82.43%
5310 · Postage/Office Exp	0.00				2,001.61	5,000.00	-2,998.39	40.03%	2,001.61	5,000.00	-2,998.39	40.03%
5311 · Office Equip/Leases	0.00				3,889.18	9,200.00	-5,310.82	42.27%	3,889.18	9,200.00	-5,310.82	42.27%
5312 · Misc Admin Expenses	0.00				6,358.88	8,600.00	-2,241.12	73.94%	6,358.88	8,600.00	-2,241.12	73.94%
5313 · Communications	0.00				3,711.55	8,500.00	-4,788.45	43.67%	3,711.55	8,500.00	-4,788.45	43.67%
5314 · Utilities	0.00				4,924.04	9,737.00	-4,812.96	50.57%	4,924.04	9,737.00	-4,812.96	50.57%
5315 · Membership Dues	0.00				7,614.10	8,500.00	-885.90	89.58%	7,614.10	8,500.00	-885.90	89.58%
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				4,975.55	15,000.00	-10,024.45	33.17%	4,975.55	15,000.00	-10,024.45	33.17%
5325 · Emp Training/Subscriptions	0.00				1,960.61	2,000.00	-39.39	98.03%	1,960.61	2,000.00	-39.39	98.03%
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				231.34	1,000.00	-768.66	23.13%	231.34	1,000.00	-768.66	23.13%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				113,734.59	237,713.00	-123,978.41	47.85%	113,734.59	237,713.00	-123,978.41	47.85%
5299 · ADMIN LABOR	0.00				263,104.79	568,370.00	-305,265.21	46.29%	263,104.79	568,370.00	-305,265.21	46.29%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	811.90	20,000.00	-19,188.10	4.06%	0.00				811.90	20,000.00	-19,188.10	4.06%
5410 · Postage / Office Supplies	1,147.17	4,000.00	-2,852.83	28.68%	0.00				1,147.17	4,000.00	-2,852.83	28.68%
5411 · Office Equipment / Leases	2,094.17	5,218.00	-3,123.83	40.13%	0.00				2,094.17	5,218.00	-3,123.83	40.13%
5412 · Misc. Admin Expense	3,384.25	5,610.00	-2,225.75	60.33%	0.00				3,384.25	5,610.00	-2,225.75	60.33%
5413 · Communications	2,658.23	4,305.00	-1,646.77	61.75%	0.00				2,658.23	4,305.00	-1,646.77	61.75%
5414 · Utilities	2,651.37	5,243.00	-2,591.63	50.57%	0.00				2,651.37	5,243.00	-2,591.63	50.57%
5415 · Membership Dues	5,204.90	5,500.00	-295.10	94.64%	0.00				5,204.90	5,500.00	-295.10	94.64%
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%
5418 · Computer Consultant	2,679.11	5,000.00	-2,320.89	53.58%	0.00				2,679.11	5,000.00	-2,320.89	53.58%
5425 · Employee Education/Subscription	1,068.51	2,500.00	-1,431.49	42.74%	0.00				1,068.51	2,500.00	-1,431.49	42.74%
5426 · Director Fees	2,336.60	6,500.00	-4,163.40	35.95%	0.00				2,336.60	6,500.00	-4,163.40	35.95%
5427 · Director Mileage	146.68	500.00	-353.32	29.34%	0.00				146.68	500.00	-353.32	29.34%
5430 · Travel	65.87	2,500.00	-2,434.13	2.64%	0.00				65.87	2,500.00	-2,434.13	2.64%
5431 · Public Information	124.57	1,500.00	-1,375.43	8.31%	0.00				124.57	1,500.00	-1,375.43	8.31%
5441 · Audt	8,633.10	7,175.00	1,458.10	120.32%	0.00				8,633.10	7,175.00	1,458.10	120.32%
5443 · Liab & Property Ins	22,437.10	24,745.00	-2,307.90	90.67%	0.00				22,437.10	24,745.00	-2,307.90	90.67%
Total 5400 · GENERAL & ADMIN - FISHERIES	55,443.53	103,296.00	-47,852.47	53.67%	0.00				55,443.53	103,296.00	-47,852.47	53.67%

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

	Fisheries				Operations				TOTAL			
	Jul - Dec 17	Budget	\$ Over Budget	% of Budget	Jul - Dec 17	Budget	\$ Over Budget	% of Budget	Jul - Dec 17	Budget	\$ Over Budget	% of Budget
5499 · ADMIN LABOR-FISHERIES	94,727.45	225,470.00	-130,742.55	42.01%	0.00				94,727.45	225,470.00	-130,742.55	42.01%
5510 · Integrated Reg. Water Mgt Plan	0.00				4,766.00	5,000.00	-234.00	95.32%	4,766.00	5,000.00	-234.00	95.32%
6000 · SPECIAL PROJECTS												
6062 · SCADA	0.00				380.10	20,000.00	-19,619.90	1.9%	380.10	20,000.00	-19,619.90	1.9%
6090 · COMB Office Building	0.00				147.06	20,000.00	-19,852.94	0.74%	147.06	20,000.00	-19,852.94	0.74%
6096 · SCC Structure Rehabilitation	0.00				32,665.02	225,000.00	-192,334.98	14.52%	32,665.02	225,000.00	-192,334.98	14.52%
6097 · GIS and Mapping	0.00				4,718.19	10,000.00	-5,281.81	47.18%	4,718.19	10,000.00	-5,281.81	47.18%
6105 · ROW Management Program	0.00				0.00	20,000.00	-20,000.00	0.0%	0.00	20,000.00	-20,000.00	0.0%
6118 · Repair Lateral 3 Structure	0.00				4,851.99	100,000.00	-95,148.01	4.85%	4,851.99	100,000.00	-95,148.01	4.85%
6120 · Emergency Pumping Fac Project	0.00				115,478.31	223,000.00	-107,521.69	51.78%	115,478.31	223,000.00	-107,521.69	51.78%
6120-2 · EPFP UF FY 2016-17	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				0.00	35,000.00	-35,000.00	0.0%	0.00	35,000.00	-35,000.00	0.0%
6130 · NP Slope Stabilization	0.00				69,030.28	30,000.00	39,030.28	230.1%	69,030.28	30,000.00	39,030.28	230.1%
6132 · Sycamore Canyon Slope Stabiliz	0.00				3,680.00	300,000.00	-296,320.00	1.23%	3,680.00	300,000.00	-296,320.00	1.23%
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				230,950.95	1,020,000.00	-789,049.05	22.64%	230,950.95	1,020,000.00	-789,049.05	22.64%
6200 · FISHERIES ACTIVITIES												
6201 · FMP Implementation	36,799.32	60,000.00	-23,200.68	61.33%	0.00				36,799.32	60,000.00	-23,200.68	61.33%
6202 · GIS and Mapping	5,060.25	10,000.00	-4,939.75	50.6%	0.00				5,060.25	10,000.00	-4,939.75	50.6%
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	52,825.00	100,000.00	-47,175.00	52.83%	0.00				52,825.00	100,000.00	-47,175.00	52.83%
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	7,155.21	40,000.00	-32,844.79	17.89%	0.00				7,155.21	40,000.00	-32,844.79	17.89%
Total 6200 · FISHERIES ACTIVITIES	101,839.78	233,000.00	-131,160.22	43.71%	0.00				101,839.78	233,000.00	-131,160.22	43.71%
6300 · HABITAT ENHANCEMENT												
6318 · Quiota Creek Crossing 9	3,612.99	30,000.00	-26,387.01	12.04%	0.00				3,612.99	30,000.00	-26,387.01	12.04%
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	0.00	20,000.00	-20,000.00	0.0%	0.00				0.00	20,000.00	-20,000.00	0.0%
6315 · Quiota Creek Crossing 8	0.00	60,000.00	-60,000.00	0.0%	0.00				0.00	60,000.00	-60,000.00	0.0%
6316 · Quiota Creek Crossing 5	146,538.49	960,000.00	-813,461.51	15.26%	0.00				146,538.49	960,000.00	-813,461.51	15.26%
6317 · Salsipuedes Fish Ladder Repair	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
Total 6300 · HABITAT ENHANCEMENT	150,151.48	1,110,000.00	-959,848.52	13.53%	0.00				150,151.48	1,110,000.00	-959,848.52	13.53%
7007 · INTEREST EXPENSE-EPFP	0.00				39,886.88				39,886.88	0.00	39,886.88	100.0%
Total Expense	762,691.53	2,425,140.00	-1,662,448.47	31.45%	1,039,530.46	2,893,190.00	-1,853,659.54	35.93%	1,802,221.99	5,318,330.00	-3,516,108.01	33.89%
Net Surplus/Deficit	-254,413.91	0.00	-254,413.91	100.0%	613,213.21	0.00	613,213.21	100.0%	358,799.30	0.00	358,799.30	100.0%

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

www.treasurer.ca.gov/pmia-laif/laif.asp
December 06,
2017

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Account Number:

Tran Type Definitions

November 2017 Statement

Account Summary

Total Deposit:	0.00	Beginning Balance:	821,352.71
Total Withdrawal:	0.00	Ending Balance:	821,352.71

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Janet Gingras, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of November, 2017, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all LAIF investments of this agency for the period indicated.

Secretary

AMERICAN RIVIERA BANK

P.O. Box 329, Santa Barbara, California 93102
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CACHUMA OPERATION AND MAINTENANCE BOARD
RENEWAL ACCOUNT
3301 LAUREL CANYON RD
SANTA BARBARA CA 93105-2017

DEC 05 2017

CACHUMA O&M BOARD

ACCOUNT ANALYSIS CHECKING

Account No
Statement Date 11/30/2017
Last Statement Date 10/31/2017

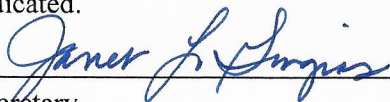
0		Statement Period	
Previous Balance	10,215.61 ✓	# of Days-Stmt Period	30
0 Deposits/Credits	0.00	Average Balance	10,215.61
0 Checks/Withdrawals	0.00	YTD Interest	0.00
Ending Balance	10,215.61 ✓		
Total Srv Chg Today	0.00		

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 November, 2017, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank investments of this agency for the period indicated.


Secretary

AMERICAN RIVIERA BANK

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

DEC 05 2017

CACHUMA O&M BOARD

ACCOUNT ANALYSIS CHECKING

Account No
Statement Date 11/30/2017
Last Statement Date 10/31/2017

0		Statement Period	
Previous Balance	1,081,070.52 ✓	# Of Days-Stmt Period	30
0 Deposits/Credits	0.00	Average Balance	1,081,070.52
0 Checks/Withdrawals	0.00	YTD Interest	0.00
Ending Balance	1,081,070.52 ✓		
Total Srv Chg Today	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 November, 2017, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank investments of this agency for the period indicated.

Secretary

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

CACHUMA O&M BOARD

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January 04, 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

December 2017 Statement

Account Summary

Total Deposit:	0.00	Beginning Balance:	821,352.71
Total Withdrawal:	0.00	Ending Balance:	821,352.71

J ✓

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 December, 2017, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all LAIF investments of this agency for the period indicated.

Janet L. Gingras
Secretary

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

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JAN 04 2018

CACHUMA O&M BOARD

* HAPPY HOLIDAYS FROM ALL OF US AT AMERICAN RIVIERA BANK! *

ACCOUNT ANALYSIS CHECKING

Account No
Statement Date 12/29/2017
Last Statement Date 11/30/2017

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	YTD Interest	0.00
Total Srvc Chg Today	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 December, 2017, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank investments of this agency for the period indicated.

Secretary

AMERICAN RIVIERA BANK

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



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

Page 1

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JAN 04 2018

CACHUMA O&M BOARD

* HAPPY HOLIDAYS FROM ALL OF US AT AMERICAN RIVIERA BANK! *

ACCOUNT ANALYSIS CHECKING

Account No
Statement Date 12/29/2017
Last Statement Date 11/30/2017

0	Statement Period		
Previous Balance	1,081,070.52	# Of Days-Stmt Period	29
0 Deposits/Credits	0.00	Average Balance	1,077,608.80
1 Checks/Withdrawals	100,389.88	YTD Interest	0.00
Ending Balance	980,680.64		
Total Srvc Chg Today	0.00		

Withdrawals

Date	Description	Amount
12/29/17	TO XXXXXXXX1514 Fisheries OTP Exp Reimb's FY201718	100,389.88 ✓

Daily Balance Summary

Date	Amount	Date	Amount
12/29/2017	980,680.64		

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 December, 2017, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank investments of this agency for the period indicated.


Secretary

Cachuma Operation & Maintenance Board

Paid Claims

As of November 30, 2017

Date	Num	Name	Memo	Amount
1050 - General Fund				
11/09/2017	25703	All Around Landscape Supply	Straw Wattle 9x25' Roll - North Portal (Ops Div)	-594.52
11/09/2017	25704	Alonzo Orozco	Oct mtg fees (10/23/17 Board Mtg attended as Alternate)	-165.14
11/09/2017	25705	Bartlett, Pringle & Wolf, LLP	Audit services-FY 16/17	-5,106.00
11/09/2017	25706	City of Santa-Barbara	Trash/Recycle-Oct 2017	-223.05
11/09/2017	25707	Coastal Copy, LP	Mtce agmt TASKalfa 6052ci/3051ci	-148.08
11/09/2017	25708	Crocker Refrigeration Heating & Air	HVAC repair-Operations mobile office-Dual run capacitor/filter (Ops Div)	-147.06
11/09/2017	25709	Cushman Contracting Corp.	Emerg Pumping System: Pay Req #42-Phase II	-7,000.00
11/09/2017	25710	Employee Relations, Inc.	Background/Verification-(Admin)	-115.10
11/09/2017	25711	Harwood White	Oct mtg fees	-308.87
11/09/2017	25712	Lauren W. Hanson	Oct mtg fees	-310.71
11/09/2017	25713	MarBorg Industries	Portable Toilets-outlying stations	-230.62
11/09/2017	25714	Paychex, Inc. (Payroll)	10/06 and 10/20/17 payrolls/taxes/deliveries	-372.48
11/09/2017	25715	Polly Holcombe	Oct mtg fees	-286.27
11/09/2017	25716	Prudential Overall Supply	Mats/Scrapers-Oct	-100.56
11/09/2017	25717	Sansum Clinic-Occupational Medicine	Pre-employment physical-(Admin)	-134.00
11/09/2017	25718	Southern California Edison	Main office/Outlying stations	-1,207.35
11/09/2017	25719	W. Douglas Morgan	Oct mtg fees	-482.11
11/09/2017	25720	Wright Express Fleet Services	Fleet fuel	-2,646.78
11/17/2017	25721	ACWA-Joint Powers Insurance Authority	Workers Comp Program 7/1/17 - 9/30/17	-6,500.13
11/17/2017	25722	Assoc. of California Water Agencies	2018 Agency Dues	-11,215.00
11/17/2017	25723	AT&T	Oct charges	-570.14
11/17/2017	25724	California Special Districts Association	Membership dues 2018	-300.00
11/17/2017	25725	Cox Communications Santa Barbara	Business internet-Nov	-195.00
11/17/2017	25726	Culligan of Sylmar	Monthly RO system-Oct	-26.95
11/17/2017	25727	Frontier Communications	Main office/Outlying stations/SCADA	-1,173.29
11/17/2017	25728	Harrison Hardware	Deer Fencing/Respirators/Tie downs/Gloves/Pliers (Fish Div)	-1,800.98
11/17/2017	25729	HD Supply Construction Supply, Ltd.	Clear Polyfilm/Roll 20X100' - Sycamore Canyon Slide repair (Ops Div)	-484.82
11/17/2017	25730	Home Depot Credit Services	Spotlights- Lauro shop lights/Replacement Commercial Door Mats for all office buildings (Ops Div)	-25.76
11/17/2017	25731	Nestle Pure Life Direct	Sept-6 gal deposit	-57.81
11/17/2017	25732	Pacific Coast Jiffy Lube	Service/Oil change/Filters -2015 Chev Silverado (Ops Div)	-124.59
11/17/2017	25733	Powell Garage	Service (Mult. Vehicles)-Rear brakes/Oil change -2015 Ford F-150 (Fish Div), Air Bag mounting bracket - 07 Ford F-350 Oil change/ Filters/Batteries/Bulbs/Drive belt - 99 Chevrolet 6500 (Ops Div)	-1,994.68
11/17/2017	25734	Premiere Global Services	Conf calls-Oct	-46.24
11/17/2017	25735	Quinn Company	Service and Repair-North Portal Generator	-1,153.16
11/17/2017	25736	Salmonid Restoration Federation	2018 Co-Sponsorship of the 36th Annual SRF Conference (Fish Div)	-1,000.00
11/17/2017	25737	Sansum Clinic-Occupational Medicine	Pre-employment physical-(Admin)	-135.00
11/17/2017	25738	Southern California Edison	Main office/Outlying stations	-47.78
11/17/2017	25739	Staples Credit Plan	Office supplies/Folders/Cups/Paper Towels/Batteries/ Coffee/APC Back-up Battery	-443.47
11/17/2017	25740	SWRCB-DWOCP	Distribution Certification Renewal -Grade 2 -D. Flora (Ops Div)	-60.00
11/17/2017	25741	Turenchalk Network Services, Inc.	IT Services/LogicMonitor/Reflexion Spam Filtering - Oct	-933.50
11/17/2017	25742	Underground Service Alert of So. Calif.	75 Ticket charges (Ops Div)	-133.74
11/17/2017	25743	Verizon Wireless	Cellular/Modem's/USB's	-544.43
11/27/2017	25744	American Riviera Bank (ARB)	Principal/Interest pymt #16-Nov	-38,477.96

Cachuma Operation & Maintenance Board

Paid Claims

As of November 30, 2017

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
11/27/2017	25745	Paychex, Inc. (HR Essentials)	HR Essentials Base/Admin Fee	-205.26
11/27/2017	25746	Instrument & Valve Services Company	Calibration-pressure transmitters (4) (Ops Div)	-2,006.76
Total 1050 · General Fund				<u>-89,235.15</u>
TOTAL				<u>-89,235.15</u>

APPROVED FOR PAYMENT

Director

Director

Director

Cachuma Operation & Maintenance Board

Paid Claims

As of December 31, 2017

Date	Num	Name	Memo	Amount
1050 - General Fund				
12/01/2017	25747	All Around Landscape Supply	Fir Stakes for Straw Wattle - North Portal (Ops Div)	-47.32
12/01/2017	25748	Bartlett, Pringle & Wolf, LLP	Audit services-FY 16/17	-3,288.00
12/01/2017	25749	Ben Meadows Company	All weather copy paper (Fish Div)	-100.96
12/01/2017	25750	Business Card	Grow tubes (Fish Div)/SHRM Employee Handbook Builder/ Domain renewal/50 Straw bales - Whittier Fire erosion control (Ops Div)	-1,141.39
12/01/2017	25751	Calif Regional Wtr Quality Control Board	Ecological Restoration and Enhancement Projects 401 Permit- Hilton Creek (Fish Div)	-400.00
12/01/2017	25752	Famcon Pipe & Supply	Flanges/Field Flange/DI Spool (Ops Div)	-1,648.58
12/01/2017	25753	Hayward Santa Barbara	Rebar 1/2 x 20FT - North Portal (Ops Div)	-110.09
12/01/2017	25754	HDR Engineering, Inc.	Engineering Design-COMB Projects-Phase I, II & III - Professional Services 6/26/16 - 6/30/2017 and Professional Services 7/1/17 - 9/2/17	-32,665.02
12/01/2017	25755	Ian's Tire & Auto Repair	Tires/balancing- 07 Chev Silverado 3500HD (Ops Div)	-845.13
12/01/2017	25756	J&C Services	Ofc cleaning services-10/20, 10/27, 11/3 and 11/10/2017	-420.00
12/01/2017	25757	Kenneth A. Knight, Consulting	General Arborist Services-Oak Tree program-Nov (Fish Div)	-800.00
12/01/2017	25758	Krazan & Associates, Inc.	Quiota Creek Crossing #5 - Fabrication Materials Testing (Fish Div)	-5,970.00
12/01/2017	25759	MarBorg Industries	Portable Toilets-outlying stations	-241.40
12/01/2017	25760	Nestle Pure Life Direct	Oct - 5 gal deposit	-57.81
12/01/2017	25761	PG&E	Tecolote tunnel/North Portal electricity	-392.11
12/01/2017	25762	State Board of Equalization	Water Rights Fee 7/1/17-6/30/2018	-48,990.77
12/01/2017	25763	SWRCB-DWOCP	Voided: Water Tmt Plant Operation, Vol. II Course Materials (Ops Div)	0.00
12/01/2017	25764	Tri-County Locksmiths, Inc	Duplicate Office keys (Admin)	-31.25
12/01/2017	25765	Wells Fargo Vendor Fin Serv	Copier 6052CI & 3051CI lease agmt	-402.25
12/01/2017	25766	Winema Industrial & Safety Supply	Honey Well RU6500 Full-face Respirator/Fit-testing/Reports for Respirators/2 Year Certification - Adult CPR Class/First Aid/AED Training	-1,695.34
12/13/2017	25767	Association of Ca Water Agencies/JPIA	December Health Benefits coverage	-28,029.77
12/13/2017	25768	AT&T	Nov charges	-550.29
12/13/2017	25769	City of Santa-Barbara	Trash/Recycle-Nov2017	-223.05
12/13/2017	25770	County of Santa--Barbara	Mulch (Ops Div)	-363.00
12/13/2017	25771	Cox Communications Santa Barbara	Business internet-Dec	-97.50
12/13/2017	25772	Culligan of Sylmar	Monthly RO system-Nov	-26.95
12/13/2017	25773	Cushman Contracting Corp.	Emerg Pumping System: Pay Req#43-Phase II	-7,000.00
12/13/2017	25774	ECHO Communications	Monthly answering service	-65.03
12/13/2017	25775	Famcon Pipe & Supply	15" HDPE Pipe/Bolt & Nut Plated - for Glen Annie res drain (Ops Div)	-1,228.35
12/13/2017	25776	Frontier Communications	Main Office/Outlying stations/SCADA	-599.16
12/13/2017	25777	Granite Construction Company	NP Slope Stabilization Access road repair Job#2014-C-58 (Ops Div)	-65,547.78
12/13/2017	25778	Harrison Hardware	Hammer/Gloves/Plier/Saw/Plunger (Fish Div)	-200.70
12/13/2017	25779	Harwood White	Nov mtg fees	-308.87
12/13/2017	25780	HDR Engineering, Inc.	BO/FMP Fish Monitoring/Project Operation and Maintenance/Habitat Improvements - Quiota Crk Xng 5 Design- Oct services (Fish Div)	-1,754.06
12/13/2017	25781	Larry's Auto Parts	Repair parts for NP access road/Pozi hoses and O Rings (Ops Div)	-141.12
12/13/2017	25782	Lauren W. Hanson	Nov mtg fees	-776.75
12/13/2017	25783	MNS Engineers, Inc.	Topographic-NP Tower access road repair (Ops Div)	-3,482.50
12/13/2017	25784	Pacific Coast Jiffy Lube	Service-2007 Chev Silverado 3500/2006 Ford Ranger (Ops Div)	-110.04
12/13/2017	25785	Paychex, Inc. (Payroll)	11/3, 11/17 and 12/01/2017 payrolls/taxes/deliveries	-543.87
12/13/2017	25786	Pitney Bowes Global Financial Services LL	Lease agmt-postage meter (1/10/18 - 4/9/18)	-436.16
12/13/2017	25787	Polly Holcombe	Nov mtg fees	-429.40
12/13/2017	25788	Prudential Overall Supply	Mats/scrapers-Oct	-100.56
12/13/2017	25789	Southern California Edison	Main Office/Outlying stations	-1,237.88
12/13/2017	25790	Staples Credit Plan	Whiteboard (2)/Dry erase markers/Eraser (Fish Div) Office supplies/ Water/Toilet paper/Coffee/Paper towels/Note pads/Paperclips/Binders	-533.06
12/13/2017	25791	SWRCB Fees	Annual fee-waste discharge permit-Ortega Res 7/1/17-6/30/18	-2,062.00
12/13/2017	25792	Turenchalk Network Services, Inc.	IT Services/LogicMonitor/Reflexion Spam Filtering - Nov	-1,453.50
12/13/2017	25793	Underground Service Alert of So. Calif.	88 Ticket charges (Ops Div)	-155.21
12/13/2017	25794	Verizon Wireless	Cellular/Modem's/USB's	-644.41
12/13/2017	25795	W. Douglas Morgan	Nov mtg fees	-482.10
12/13/2017	25796	Wright Express Fleet Services	Fleet fuel	-2,408.90
12/26/2017	ACH	American Riviera Bank (ARB)	Principal/Interest pymt #17-Dec	-38,477.96

Cachuma Operation & Maintenance Board

Paid Claims

As of December 31, 2017

Date	Num	Name	Memo	Amount
12/27/2017	25797	City of Santa Barbara-Central Stores	Masks/Gloves/Ear Plugs (Ops Div)	-341.41
12/27/2017	25798	CONTECH Engineered Solutions, LLC	Prefabricated Bridge System-Quiota Creek Xng 5	-82,783.25
12/27/2017	25799	Federal Express	Mailings (Fish Div)	-124.06
12/27/2017	25800	Frontier Communications	SCADA	-569.51
12/27/2017	25801	J&C Services	Ofc cleaning services-11/17, 11/24, 12/01 and 12/08/2017	-420.00
12/27/2017	25802	MarBorg Industries	Portable Toilets-outlying stations	-241.40
12/27/2017	25803	Paychex, Inc. (HR Essentials)	HR Essentials Base/Admin Fee	-208.50
12/27/2017	25804	PG&E	Tecolote tunnel/North Portal electricity	-365.34
12/27/2017	25805	Sansum Clinic-Occupational Medicine	Tunnel walk physicals - (Ops Div)	-1,758.00
12/27/2017	25806	The Gas Company	Gas-main office	-16.36
12/27/2017	25807	Winema Industrial & Safety Supply	Honeywell/North Multi-Contaminant/P-100 Cartridge-5/pair (Ops Div)	-115.83
12/29/2017	25808	Bureau of Reclamation	1st Period Entitlement 10/1/2017-4/1/2018	-583,777.92
Total 1050 - General Fund				<u>-929,438.93</u>
TOTAL				<u>-929,438.93</u>

APPROVED FOR PAYMENT

_____ Director

_____ Director

_____ Director

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 22, 2018
Submitted by:	Janet Gingras

SUBJECT: Fiscal Year 2017-18 Mid-Year Elections: Appointments of Cachuma Operation and Maintenance Board

SUMMARY:

The Cachuma Operation and Maintenance Board's (COMB) annual Fiscal Year 2017-18 elections were held in June, 2017. During that time, the City of Santa Barbara's representative, Harwood "Bendy" White was elected to serve as the COMB Board Vice-President. Director White's term of office with the City of Santa Barbara has expired and a new representative from the City, Kristen Sneddon, has been appointed to serve on the COMB Board.

At this time, the Board of Directors shall conduct a mid-year election for office of Vice-President to serve out the remainder of the current fiscal year. The elected Director would assume the duties of the Vice-President effective immediately. New elections will be conducted in June 2018 for Fiscal Year 2018-19 Board Officers.

The President of the Board will make appointments of Directors to positions on Committees.

RECOMMENDATION:

The Board shall elect by nomination and roll call vote one of its members to serve as Vice-President for the remaining current fiscal year.

The President of the Board will make appointments of Directors to positions on Committees.

LIST OF EXHIBITS:

- 1) Fiscal Year 2017-18 Standing Committee Appointments

CACHUMA OPERATION & MAINTENANCE BOARD
STANDING COMMITTEE MEMBER APPOINTMENTS

FISCAL YEAR 2017-2018

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

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 22, 2018
Submitted by:	Janet Gingras

SUBJECT: Resolutions No. 649 through 653 Establishing Bank Account Signatories

SUMMARY:

A new representative from the City of Santa Barbara has been appointed to serve on the Cachuma Operation and Maintenance Board. During the times when the Board of Directors change, new banking resolutions are established. The attached resolutions supersede previously approved banking resolutions which provide authorized signatories for the Local Agency Investment Fund (LAIF), the COMB bank accounts held at American Riviera Bank including the General and Revolving Fund accounts, the Warren Act Trust Fund account and the Cachuma Project Renewal Fund account. Additionally, with the adoption of the proposed Resolutions, the Board approves updating a supplemental account agreement with American Riviera Bank which authorizes telephone transfers between the COMB General Fund account, Revolving Fund account and LAIF as needed.

RECOMMENDATION:

The Board of Directors approve Resolutions No. 649 through 653 by roll call vote, on one motion, unless members request separate consideration.

LIST OF EXHIBITS:

- 1) Resolutions No. 649 through 653

RESOLUTION NO. 649

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

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

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

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

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

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

PASSED AND ADOPTED, by the Board of Directors of COMB, County of Santa Barbara, State of California on January 22, 2018 by the following vote:

AYES:
NAYES:
ABSENT/ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 650

**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. 636 dated July 24, 2017, and all resolutions preceding it pertaining to said Agreement.

PASSED, APPROVED AND ADOPTED this 22nd day of January 2018 by the following roll call vote:

AYES:

NAYS:

ABSENT/ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 651

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

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

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

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

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

President, Board of Directors

Vice-President, Board of Directors

Director

Director

General Manager/Secretary of the Board

Administrative Manager/CFO Auditor-Controller

PASSED, APPROVED AND ADOPTED this 22nd day of January 2018, by the following vote:

AYES:

NAYES:

ABSENT/ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 652

**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. 639 dated July 24, 2017 and all resolutions preceding it pertaining to authorized signatories for said account.

PASSED, APPROVED, AND ADOPTED this 22nd day of January, 2018, by the following vote:

AYES:

NAYES:

ABSENT/ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 653

**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. 640 adopted by this Board on July 24, 2017.

President, Board of Directors

Vice-President, Board of Directors

Director

Director

General Manager/Secretary of the Board

Administrative Manager/Auditor-Controller

PASSED, APPROVED AND ADOPTED this 22nd day of January 2018 by the following vote:

AYES:

NAYES:

ABSENT/ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: January 22, 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.

Emergency Operational Repairs to the South Coast Conduit Appurtenance Structures

A presentation on current progress will be provided to the Board.

Lake Cachuma Elevation Projection Model

The Lake Cachuma Elevation Projection Model has been refined and updated. The intended purpose of the model is to project lake level elevations based on current conditions and Member Agency projections for supply and demand. COMB has received Member Agency supply and demand projects through Water Year 2019. As of January 16, 2018, the Lake elevation is forecasted to drop below the elevation of 695 feet above mean sea level (ft amsl) in August 2018. This is largely dependent on the timing and amounts of the water rights releases. Piles must be driven before an elevation of 695 ft amsl is reached to re-install the Emergency Pumping Facility. The Emergency Pumping Facility would not likely be needed until the following summer in 2019 if dry conditions continue. An elevation of approximately 710 ft amsl is needed before April 1, 2018 to avoid installing the piles for the Emergency Pumping Facility this summer. The lake was at an elevation of 702.0 ft amsl on January 16, 2018. The lake is at a nearly at the same elevation it was on January 16, 2014 (701.8 ft amsl).

Evaporation Discrepancy

During the process of developing the Lake Elevation Projection model, it was noted that the evaporation measurements (daily inches) at Lake Cachuma during 2014 to 2017 have been significantly higher than the historical average. Historically from WY 1958 to 2013, the pan evaporation has averaged 69 inches annually ranging from 60 to 75 inches. The four highest evaporation measurements have occurred in the last four years (WY 2014 to WY 2017). In water year 2017, the evaporation was measured to be 101 inches which is 46 percent higher than the average. This significant increase is not consistent with the surrounding evaporation measuring stations and historical record, and results in calculated inflow estimates that are different than expected hydrologic conditions in recent years.

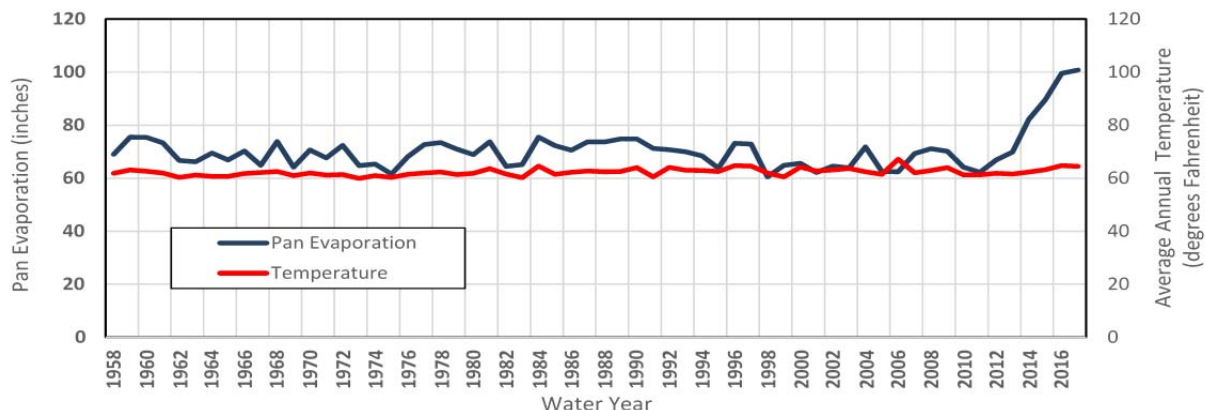


Figure 1. Lake Cachuma Historic Pan Evaporation Data

Staff has presented these findings to Reclamation and is awaiting a response. Staff is in the process of researching new technology in evaporation data collection techniques and will provide additional information to the Member Agency General Managers, the Operations Committee and the Board once available.

COMB Drought Contingency Plan

A COMB Drought Contingency Plan for Lake Cachuma water conveyance operations would provide the framework for the timing of when various drought response actions need to occur. Based on recent experience with the Emergency Pumping Facility Project and the current contract with Cushman Contracting, staff is in the process of developing a Drought Contingency Plan. In addition, Reclamation has issued grant funding opportunities through the WaterSMART Drought Response Program through which we may be able to obtain partial funding for implementation of projects supportive of planned drought response actions. Staff will be meeting with the Member Agency General Managers and Operations Committee to discuss components of the draft Drought Contingency Plan.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 22, 2018
Submitted by:	Janet Gingras

SUBJECT: Resolution No. 654 – Designation of Applicants Agent
Federal Emergency Management Agency (FEMA)/CalOES

SUMMARY:

Governor Edmund G. Brown Jr. announced on Thursday, January 11, 2018 that the Federal Emergency Management Agency (FEMA) has granted the state's request for expanded federal disaster assistance in response to the devastating mudslides that have impacted Santa Barbara County and the community of Montecito. FEMA expanded the recently approved Presidential Major Disaster Declaration in the areas affected by the December 2017 wildfires to include damage incurred from flooding and mud and debris flows. This declaration ensures that federal funds are available for emergency response and eligible disaster recovery costs. FEMA coordinates with Cal OES to implement the Public Assistance (PA) Grant Program.

Staff is in the process of applying for federal disaster relief funding through the FEMA / CalOES Disaster Recovery process for infrastructure damaged by the Montecito mudslides. Recommended for Board approval is the attached Resolution No. 654 designating an agent for the applicant (COMB) and authorizing execution and filing of the application for purposes of obtaining federal financial assistance.

RECOMMENDATION:

The Board of Directors approve Resolution No. 654 to authorize the General Manager to execute and file an application with the California Governor's Office of Emergency Services.

LIST OF EXHIBITS:

- 1) Resolution No. 654

RESOLUTION NO. 654

**A RESOLUTION OF THE GOVERNING BOARD OF
THE CACHUMA OPERATION AND MAINTENANCE BOARD
DESIGNATING AN APPLICANT TO EXECUTE
AND FILE AN APPLICATION WITH THE CALIFORNIA GOVERNORS
OFFICE OF EMERGENCY SERVICES FOR PURPOSES OF OBTAINING FEDERAL
FINANCIAL ASSISTANCE**

RECITALS

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

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

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

WHEREAS, beginning December 4, 2017 the Thomas Fire occurred impacting both Ventura County and Santa Barbara County, and on December 5, 2017 a state of emergency was declared by State authorities, and on December 8, 2017 a state of emergency was declared by Federal authorities; and

WHEREAS, on January 9, 2018 the County of Santa Barbara experienced significant rainfall, the runoff of which produced a massive mud and debris flow resulting in operational damage to the South Coast Conduit appurtenance structures; and

WHEREAS, COMB is subject to a January 2, 2018 disaster declaration designated as FEMA-4353-DR-CA;

WHEREAS, COMB has the power to perform all acts necessary to carry out fully the provisions of the Transfer of Operation and Maintenance Contract; and

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

1. The Governing Board finds and determines that the facts set forth in the above recitals and in the documents referenced herein are true and correct.

2. The Governing Board hereby authorizes the General Manager or President of the Board to execute for and on behalf of the Cachuma Operation and Maintenance Board, a public entity established under the laws of the State of California (State), an application and to file it with the California Governor's Office of Emergency Services for the purpose of obtaining certain federal financial assistance under Public Law 93-288 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act. Such application to the State will be in the form of a "Designation of Applicant's Agent Resolution for Non-State Agencies" (Cal OES Form 130), which is attached hereto and incorporated herein by reference.

3. The Governing Board, a public entity established under the laws of the State, hereby authorizes its agent(s), including General Manager Janet Gingras and/or her designee, to engage with, and provide information to, both the Federal Emergency Management Agency and the Governor's Office of Emergency Services regarding all matters pertaining to such state disaster assistance as required under the applicable assurances and agreements.

4. As set forth in the "Designation of Applicant's Agent Resolution for Non-State Agencies" (Cal OES Form 130), which is attached hereto and incorporated herein by reference), this is a universal resolution and is effective for all open and future disasters up to three (3) years following the date of approval below.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board, this 22nd day of January 2018, by the following roll call vote:

AYES:

NAYES:

ABSENT/ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

**DESIGNATION OF APPLICANT'S AGENT RESOLUTION
FOR NON-STATE AGENCIES**

BE IT RESOLVED BY THE Board of Directors OF THE Cachuma Operation & Maintenance Board
(Governing Body) (Name of Applicant)

THAT General Manager, OR
(Title of Authorized Agent)

President of the Board, OR
(Title of Authorized Agent)

(Title of Authorized Agent)

is hereby authorized to execute for and on behalf of the Cachuma Operation & Maintenance Board, a public entity
(Name of Applicant)
established under the laws of the State of California, this application and to file it with the California Governor's Office of Emergency Services for the purpose of obtaining certain federal financial assistance under Public Law 93-288 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act.

THAT the Cachuma Operation & Maintenance Board, a public entity established under the laws of the State of California,
(Name of Applicant)
hereby authorizes its agent(s) to provide to the Governor's Office of Emergency Services for all matters pertaining to such state disaster assistance the assurances and agreements required.

Please check the appropriate box below:

- This is a universal resolution and is effective for all open and future disasters up to three (3) years following the date of approval below.
- This is a disaster specific resolution and is effective for only disaster number(s) _____

Passed and approved this 22nd day of January, 20 18

Janet L. Gingras, General Manager
(Name and Title of Governing Body Representative)

W. Douglas Morgan, President of the Board
(Name and Title of Governing Body Representative)

(Name and Title of Governing Body Representative)

CERTIFICATION

I, Edward Lyons, duly appointed and Treasurer/Auditor-Controller of
(Name) (Title)

Cachuma Operation & Maintenance Board, do hereby certify that the above is a true and correct copy of a
(Name of Applicant)

Resolution passed and approved by the Board of Directors of the Cachuma Operation & Maintenance Board
(Governing Body) (Name of Applicant)

on the 22nd day of January, 20 18.

(Signature)

Administrative Manager / CFO
(Title)

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 22, 2018
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: Financial Review – 2nd Quarter Fiscal Year 2017-18

SUMMARY:

The Board of Directors approves the Cachuma Operation and Maintenance Board (COMB) Budget each fiscal year. Unaudited financial statements are received and ratified by the Board on a monthly basis. Starting with FY 2017-18, Staff will provide, on a quarterly basis, a fiscal year-to-date financial review of the unaudited interim financial reports to the Administrative Committee and the Board of Directors, comparing fiscal performance to Budget.

FISCAL ANALYSIS:

Revenues Assessed and Collected

- COMB assessed \$906.2K and collected \$884K in quarterly O&M Budget Assessments for the period October – December 2017. First and second quarter assessments for Santa Ynez River Water Conservation District, ID No. 1 assessment of \$42.4K are outstanding.
- COMB collected \$100.4k from the Warren Act Trust Fund for Fisheries and Oak Tree Program related expenses incurred for the period July – November 2017.
- COMB assessed \$115.8K in quarterly EPFP Loan Assessments related to loan repayments made on behalf of Goleta Water District and Montecito Water District pertaining to the Emergency Pumping Facility for the period October – December 2017. Payments are due at the end of January.
- COMB collected \$2.3k in interest income for funds held with LAIF.

Expenditures To Date (% of Budget Apportioned thru December – 6 months or 50%)

General and Administrative (Combined)

- General and Administrative expenses include costs for support of all administrative functions of COMB such as: Director fees, legal expenditures, general liability and property insurance, audit fees, utilities, IT and communications, postage and office supplies, training, education and subscriptions and miscellaneous expenses. Costs are generally allocated between Operations and Maintenance (65%) and Fisheries Division (35%).

General and Administrative Expenses of \$173.9K (50.27%) were minimally higher than the apportioned budget. Notable expenses include the annual payment of the ACWA JPIA General Liability Insurance of \$64k for the period October 1, 2017 – September 30, 2018 during the first quarter of the fiscal year. The invoice reflects a 3% increase over the previous year.

- General and Administrative Labor of \$357.8K (45.08%) was within the apportioned budget. COMB filled the open position of Administrative Assistant II in November. No additional hires are projected at this time.
- **The total combined General and Administrative expenses and labor of \$531.8K (46.65%) thru December are within the apportioned budget.**

Operations Division

- Operation and Maintenance Labor includes salaries, employer taxes, health insurance and retirement benefit costs. Personnel costs of \$324.6K (41.13%) were lower than the apportioned budget due to an open position in the Operations Division which was filled at the end of September. The Operations Division has one open Water Distribution Operator position at this time.
- Vehicles & Equipment includes funds for the purchase of fixed capital, equipment rental, vehicle and equipment maintenance, and fuel costs. Year to date actual costs of \$25.9K (47.0%) were within the apportioned budget. Unanticipated fuel costs (\$1.5K) were incurred in December to operate emergency generators at the COMB office during an electrical outage, resulting from the Thomas Fire.
- Contract Labor contains funds for outside services and labor that cannot be supported by COMB staff which may include elevator repair, tree trimming and removal services, heavy equipment and operators' labor costs for various small projects including meter calibration and meter repair. Projects and staff assignments are reviewed by the General Manager and Operations Division Manager to control costs in this category. Actual costs of \$7.6K (8.02%) are within the apportioned budget.
- Materials and Supplies covers costs related to the operation and maintenance of the conduit, reservoirs, and outlying buildings and roads. Actual costs of \$9.6K (12.28%) are within the apportioned budget.
- Other Expenses includes utilities, uniforms, hazardous waste disposal, communications (phones at facilities, and cell phones for operations and maintenance), Underground Service Alerts, and employee training and certifications. Actual costs of \$19.5K (43.27%) are within the apportioned budget.
- Special Projects - The Board of Directors received into file a copy of the FY 2017-18 Infrastructure Improvement Plan at their meeting in May, 2017. Board policy requires that all projects are to be approved thru Committee and by the Board prior to commencement. Actual costs thru December were \$231k. This amount is attributed to the following projects: North Portal Debris Log Boom Installation (\$71.5k), North Portal Slope Stabilization Project (\$69k), storage of key components of the pumping barge (\$42k) and South Coast Conduit Structure Rehabilitation Project (\$32.7k).
- **The total Operations Division expenses of \$1.04M (35.93%) thru December are within the apportioned budget.**

Fisheries Division

- Fisheries Division Labor includes salaries, employer taxes, health insurance and retirement benefit costs for a Senior Resource Scientist, a three member field crew, and four part-time seasonal bio-aide positions. Personnel costs of \$345.8K (50.6%) were minimally higher than the apportioned budget.
- Vehicles & Equipment includes funds for the purchase of fixed capital, equipment rental, vehicle and equipment maintenance, and fuel costs. Year to date actual costs of \$12K (37.0%) were within the apportioned budget.

- Contract Labor contains funds for outside services/labor to support equipment calibration on flow meters, and funds for technical assistance corresponding to the operation, maintenance and performance review of completed fish passage projects. No notable costs have been incurred in this category thru December.
- Materials and Supplies includes costs for the purchase of items needed for the Fisheries Monitoring Program specifically monitoring for migration, spawning and over-summering such as constructing and repairing fish migration traps and the equipment necessary to conduct snorkel and redds surveys. Actual costs of \$1.3K (48.59%) are within the apportioned budget.
- Other Expenses includes funds to pay for uniforms and gear for the fisheries employees. Actual costs of \$1.2K (48.6%) are within the apportioned budget.
- Fisheries Division Activities includes funding for special activities related to ongoing Cachuma Project Biological Opinion (BO) compliance efforts, the implementation of the Lower Santa Ynez River Fisheries Monitoring Program, GIS mapping, grants technical support, USGS Stream Gauge Program and the Oak Tree Restoration Program. Actual costs of \$101.8K (43.71%) are within the apportioned budget.
- Fisheries Habitat Improvement - The Board of Directors received into file a copy of the FY 2017-18 Habitat Improvement Plan at their meeting in May, 2017. Board policy requires that all projects are to be approved thru Committee and by the Board prior to commencement. Costs of \$150.1K thru December include the following fish passage projects: COMB Quiota Creek Crossing 5 (\$146.5K) and Quiota Creek Crossing 9 (\$3.6k). Both projects are within projected costs.
- **The total Fisheries Division expenses of \$762.7K (31.45%) thru December are within the apportioned budget.**

Restricted Funds and Obligations

- **Warren Act Trust Fund (Restricted Fund)** - The Warren Act Trust Fund is a requirement of the Cachuma Project Warren Act Contract negotiated between the Central Coast Water Authority (CCWA) and the Bureau of Reclamation for delivery and transport of State Water Project water through the Cachuma Project facilities. A 1995 memorandum of understanding executed in conjunction with the Warren Act Contract established a charge of \$43 per acre foot (AF) (\$58 initially with a \$15 service charge by Reclamation), which is not indexed. Payments are required upon delivery of SWP water to Cachuma Reservoir. CCWA makes quarterly payments to COMB based on the prior quarter's water deliveries to the lake.

The balance in the restricted account as of December 31st (\$980K) is comprised of funds collected (\$620K) in calendar year 2016. These funds were approved by the Cachuma Project Warren Act Trust Funds Advisory Committee at their meeting in May 2017 to be appropriated towards eligible FY 2017-18 fisheries activities. In December, COMB withdrew approximately \$100k from this balance and applied against eligible fisheries related expenses for the period of July through November.

The remaining balance in the Warren Act Trust Fund (\$460K) and any additional funds deposited in calendar year 2017 will be reviewed by the committee in April 2018 for use in FY 2018-19.

- **Renewal Funds (Restricted Fund)** - The Renewal Fund is a requirement of the 1995 Renewal Master Contract (executed in 1996) entered into for water conveyance from the Cachuma Project to the five Cachuma Project Member Units, which are the City of Santa Barbara, the Goleta Water District, the Montecito Water District, the Carpinteria Valley Water District, and the Santa Ynez River Water Conservation District, Improvement District No. 1 (ID No. 1).

The Renewal Master Contract requires the payment of \$10 per acre foot of water made available by the Cachuma Project. The Renewal Fund itself is capped at \$257,100, which is related to the current annual operational yield of 25,714 AF. The aggregate amount to be deposited in the Renewal Fund at the start of each Water year by the Cachuma Member Units is not to exceed an amount which bears a ratio to \$257,100, which is inverse to the ratio which the aggregate amount paid into the Warrant Act Trust Fund during the immediately preceding Calendar Year bears to \$300,000.

For WY 2017-18, the amount required to be deposited into the Renewal Fund by the Cachuma Member Units is zero based on the fact that the amount of funds deposited into the Warren Act Trust Fund exceeded the calculation threshold.

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

The Districts participating in the financing included Goleta Water District, Montecito Water District and Carpinteria Valley Water District. The City of Santa Barbara chose to fund their portion through quarterly assessments.

While COMB secured the financing of the project, the three districts participating in the debt obligation provided the guarantee for repayment of their allocated percentage.

The financing arrangement was converted to a sixty (60) month repayment loan as of July 25, 2016. Carpinteria Valley Water District opted to pay off their obligation in-full on or about the conversion date.

COMB assesses the remaining member agencies at the end of each quarter, for the monthly loan payments made on their behalf during that period. As of December 31, 2017, the total combined principal outstanding for the Goleta Water District and Montecito Water District is approximately \$1.6M.

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

The fifteen percent obligation under the Bradbury SOD contract is \$7,605,739 and is to be repaid by annual payments over a 50-year period. COMB's payment obligation for FY 2017-18 is \$261,647 and assesses the Member in accordance with each Member Agencies' Cachuma Project entitlement percentages.

The fifteen percent obligation under the Lauro SOD contract is \$1,009,737 and is to be repaid by annual payments over a 50-year period. COMB's payment obligation for FY 2017-18 is \$44,404.66 and assesses the South Coast Member Agencies (only) in accordance with each Member Agencies' pro-rata Cachuma Project entitlement percentages.

BOARD RECOMMENDATION:

Receive and file the 2nd Quarter Fiscal Year 2017-18 Financial Review and exhibit.

LIST OF EXHIBITS:

- 1) Fiscal Year 2017-18 Statement of Revenue and Expenditures

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

	Fisheries				Operations				TOTAL			
	Jul - Sep 17	Budget	\$ Over Budget	% of Budget	Jul - Sep 17	Budget	\$ Over Budget	% of Budget	Jul - Sep 17	Budget	\$ Over Budget	% of Budget
Income												
Revenue	508,277.62	2,425,140.00	-1,916,862.38	20.96%	1,652,743.67	2,893,190.00	-1,240,446.33	57.13%	2,161,021.29	5,318,330.00	-3,157,308.71	40.63%
Total Income	508,277.62	2,425,140.00	-1,916,862.38	20.96%	1,652,743.67	2,893,190.00	-1,240,446.33	57.13%	2,161,021.29	5,318,330.00	-3,157,308.71	40.63%
Gross Profit	508,277.62	2,425,140.00	-1,916,862.38	20.96%	1,652,743.67	2,893,190.00	-1,240,446.33	57.13%	2,161,021.29	5,318,330.00	-3,157,308.71	40.63%
Expense												
General and Admin Expenses	55,443.53	103,296.00	-47,852.47	53.67%	118,500.59	242,713.00	-124,212.41	48.82%	173,944.12	346,009.00	-172,064.88	50.27%
General and Admin Labor	94,727.45	225,470.00	-130,742.55	42.01%	263,104.79	568,370.00	-305,265.21	46.29%	357,832.24	793,840.00	-436,007.76	45.08%
O&M Labor	0.00				324,569.53	789,107.00	-464,537.47	41.13%	324,569.53	789,107.00	-464,537.47	41.13%
O&M Vehicle & Equip	0.00				25,852.05	55,000.00	-29,147.95	47.0%	25,852.05	55,000.00	-29,147.95	47.0%
O&M Contract Labor	0.00				7,618.30	95,000.00	-87,381.70	8.02%	7,618.30	95,000.00	-87,381.70	8.02%
O&M Material and Supplies	0.00				9,574.44	78,000.00	-68,425.56	12.28%	9,574.44	78,000.00	-68,425.56	12.28%
O&M Other Expenses	0.00				19,472.93	45,000.00	-25,527.07	43.27%	19,472.93	45,000.00	-25,527.07	43.27%
O&M Special Projects	0.00				230,950.95	1,020,000.00	-789,049.05	22.64%	230,950.95	1,020,000.00	-789,049.05	22.64%
Fisheries Labor	345,816.76	683,374.00	-337,557.24	50.6%	0.00				345,816.76	683,374.00	-337,557.24	50.6%
Fisheries Vehicle & Equip	12,035.99	32,500.00	-20,464.01	37.03%	0.00				12,035.99	32,500.00	-20,464.01	37.03%
Fisheries Contract Labor	163.39	28,000.00	-27,836.61	0.58%	0.00				163.39	28,000.00	-27,836.61	0.58%
Fisheries Material and Supplies	1,298.42	7,000.00	-5,701.58	18.55%	0.00				1,298.42	7,000.00	-5,701.58	18.55%
Fisheries Other Expenses	1,214.73	2,500.00	-1,285.27	48.59%	0.00				1,214.73	2,500.00	-1,285.27	48.59%
Fisheries Activities	101,839.78	233,000.00	-131,160.22	43.71%	0.00				101,839.78	233,000.00	-131,160.22	43.71%
Fisheries Habitat Enhancement	150,151.48	1,110,000.00	-959,848.52	13.53%	0.00				150,151.48	1,110,000.00	-959,848.52	13.53%
Other Interest Expense - EPFP	0.00				39,886.88				39,886.88	0.00	39,886.88	100.0%
Total Expense	762,691.53	2,425,140.00	-1,662,448.47	31.45%	1,039,530.46	2,893,190.00	-1,853,659.54	35.93%	1,802,221.99	5,318,330.00	-3,516,108.01	33.89%
Net Income	-254,413.91	0.00	-254,413.91	100.0%	613,213.21	0.00	613,213.21	100.0%	358,799.30	0.00	358,799.30	100.0%

(*) Percentage of annual budget apportioned through December 2018 = 6 months or 50%



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."*

January 22, 2018

General Manager Report

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

Recent Emergency Response

- Thomas Fire

The Thomas Fire started on December 4, 2017 and was deemed fully contained on January 12, 2018. The wildfire burned 281,893 acres in Ventura and Santa Barbara Counties and is considered the largest wildfire in California history. The COMB headquarter offices were included under the mandatory evacuation order effective Saturday, December 15th with the order being lifted on Thursday, December 21st. Prior to receiving the mandatory evacuation notice, staff had made arrangements to remove historical records, equipment and vehicles off site to a safe location. The operations field crew personnel worked through the incident and were able to safely access the evacuation area to monitor the office generator, SCADA system and structures throughout the reach of the system. The Fisheries and Administrative Division staff worked remotely and were able to return to the office on Thursday, December 21st.

- Storm Event of January 9, 2018

Governor Edmund G. Brown Jr. announced on Thursday, January 11, 2018 that the Federal Emergency Management Agency (FEMA) has granted the state's request for expanded federal disaster assistance in response to the devastating mudslides that have impacted Santa Barbara County and the community of Montecito. FEMA expanded the recently approved Presidential Major Disaster Declaration in the areas affected by the December 2017 wildfires to include damage incurred from flooding and mud and debris flows. This declaration ensures that federal funds are available for emergency response and eligible disaster recovery costs.

The South Coast Conduit (SCC) continues to be surveyed by COMB Operations personnel from Barker Pass to Carpinteria Reservoir to monitor contractors working near the pipeline and assess damage to the appurtenance structures due to the disaster. The pipeline portion of the South Coast Conduit is intact, able to sustain pressure and convey water from the Cater Treatment Plant to Ortega Reservoir. However, structure appurtenances (blow-off and air vent structures on the conduit) have been damaged in several locations and are not operational due to the heavy debris flows. It is difficult to fully assess the damage at this time. The damaged structures will be rehabilitated to ensure their operational reliability. COMB is in the process of coordinating with Montecito Water District and the City of Santa Barbara to implement emergency repairs to these structures.

The North Portal Intake Tower area at the Lake was not impacted by the storm event. The recently rehabilitated access road was protected with erosion control measures previously installed by Operations Division personnel. The lake received approximately 3.14 inches of rain during the storm with the Intake Tower debris booms remaining in place and not disturbed by the storms impact.

The Sycamore Canyon slide area also withstood the impact from the January 9th storm event. Staff had previously winterized the slope to protect the area from further erosion damage in the event of extreme rainfall. COMB staff has contacted the Federal Emergency Management Agency and Cal OES for further direction on the process for public assistance funding and will be attending the applicant briefing on January 22nd.

Meetings

- Regional Drought Working Group Meeting

Two regional drought working group meetings have recently been conducted; one hosted by the County Office of Emergency Services on December 18th during the Thomas Fire incident, and one hosted by Allison Maginot from Senator Jackson's office on January 3rd. The purpose of the meetings was to provide an opportunity for local water agency representatives and staff to propose response actions/projects for State assistance pertaining to the ongoing drought and water supply challenges affecting Santa Barbara County. At the January 3rd meeting, the City of Santa Barbara provided a list of potential projects as supplements to the previous funding proposal submitted to the State in February 2017. The projects were discussed among the group and certain projects were identified for development of brief project descriptions including costs for submittal to the Governor's Office as a request for potential funding assistance.

As part of this process, COMB submitted a draft project description to the State for the secured pipeline project partitioned into two sections; one section described from the North Portal Intake Tower to the site one location of the Emergency Pumping Facility Project; the second section from the site one location to the site two location. Staff will provide information to the Board on the process and funding status as it becomes available.

- The Santa Barbara County hosted Santa Ynez River Flood Forecast Coordination meeting scheduled for December 7th was cancelled due to the Thomas Fire. A new date for the annual meeting is forthcoming.

Administration Division

- 2018 Cachuma Project Water Rates

Reclamation issued the revised 2018 Cachuma Project Water Rates invoice for payment which has subsequently been submitted to the Member Agencies and paid accordingly. The charges include extraordinary operation and maintenance (O & M) expenses for the replacement and installation of two 30" cone valves for Bradbury Dam. An extended repayment term has been included in the calculation of the 2018 water rates with the repayment amount amortized over a three year period including interest. The extraordinary costs have been properly assessed under the terms and conditions of the Cachuma Project Master Renewal Contract held between Reclamation and the Santa Barbara County Water Agency.

- USBR Western Watershed Enhancement Program (WWEP) Grant Funding

Staff has submitted financial information to Reclamation for expenses incurred related to the North Portal Intake Tower debris boom installation. Reclamation has committed to partial reimbursement under the WWEP grant awarded in November 2017 with funds expected to be available sometime in February 2018.

- Draft Comprehensive Annual Financial Report (CAFR) Audit

Bartlett Pringle Wolf, LLP has received the COMB draft Fiscal Year ending June 30, 2017 CAFR document including statistical information and the Management Discussion and Analysis for review and comment. It is anticipated staff will receive the auditors review by late January for presentation to the Administrative Committee and the Board in February 2018.

- ACWA/JPIA Award

Each year at the Fall Conference hosted by ACWA/JPIA, the JPIA recognizes members that have a loss ratio of 20% or less in the Liability, Property, or Worker's Compensation programs. The Member's with this distinction receive the "President's Special Recognition Award" certificate for each program in which they qualify. COMB received the award for achieving a low ratio of paid claims and case reserves in both the Property and Workers Compensation Program for the period of April 2013 through June 2016.

- 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 October 1, 2017 through December 31, 2017 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				
October 1 - December 31, 2017				
Vendor Name	Contract Description	Date Executed	Date Expires	Contract Amount
AECOM	Quiota Creek Crossing 5 Project - Engineering Oversight, Shop Fabrication	10/2/2017	12/31/2017	\$8,600
Krazan & Associates	Quiota Creek Crossing 5 Project - Construction Testing & Oversight	10/9/2017	12/31/2017	\$5,970
MNS Engineers	Cachuma Lake Intake Tower Road Survey	10/10/2017	10/31/2017	\$3,500
Flowers & Associates	Sycamore Canyon Slope Stabilization - Preliminary Engineering Design Services	11/10/2017	3/31/2018	\$137,200

Operations Division

- Tecolote Tunnel Inspection

Due to the Thomas Fire, the Tecolote Tunnel Inspection schedule by Reclamation for December 20th and 21st was been postponed until the fall of 2018.

- Intake Tower Debris Booms

Cushman Contracting Corporation successfully installed the debris booms at the Intake Tower with work completed by mid-December. Staff is working with Reclamation to obtain partial reimbursement from the WWEP grant funding for this project.

- Infrastructure Improvement Projects

An update to the implementation of Infrastructure Improvement Projects will be provided by Operations Division staff.

Fisheries Division

- Oak Tree Program

Due to the lack of winter rains during November and December, watering continued into the first week of January (just prior to the 1/9/18 storm). Cage maintenance was conducted at the Year 1, 2 and 6 trees at Storke Flat. Crews incorporated some of Reclamations planted oak trees into the Lake Cachuma Oak Tree Restoration Program. Adopted trees received new cage material and mulch, and were also irrigated. Five large truckloads of mulch were delivered to various locations from the Santa Ynez Transfer Station. This mulch will be spread during the winter/spring season.

- Snorkel Surveys, Trapping, Water Quality Instrumentation

The Fisheries Division has just completed fall snorkel surveys within the tributaries (Salsipuedes and Quiota Creeks). Divers were unable to snorkel Hilton Creek due to turbid water. Staff will be visiting the Fillmore Fish Hatchery for training this month in preparation for the migrant trapping season. Trapping equipment will be mobilized and constructed towards the end of the month. Installation will occur after the next significant rain event. Temperature and dissolved oxygen devices have been removed from the LSJR mainstem and tributaries. Pressure transducers were recently deployed in El Jaro Creek at the Rancho San Julian fish ladder and at Cross Creek. A lake profile was conducted in December and the results indicate that Lake Cachuma had already experienced a turnover event.

- Salsipuedes Cattle Fencing

Fisheries Division personnel restrung a section of damaged cattle fencing at Salsipuedes toward the end of November. Prior to the storm on January 9th, staff removed the cattle fence panels that were crossing the creek in preparation for high flow. Once flows receded after the storm, staff returned two days later to replace the moveable creek fencing.

Respectfully Submitted,

Janet Gingras

General Manager

President's Special Recognition Award

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

Cachuma Operation and Maintenance Board

*for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums"
in the Property Program for the period 04/01/2013 - 03/31/2016
announced at the Board of Directors' Meeting in Anaheim.*

E. G. "Jerry" Gladbach

E. G. "Jerry" Gladbach, President



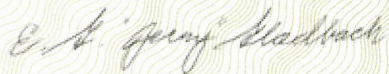
November 27, 2017

President's Special Recognition Award

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

Cachuma Operation and Maintenance Board

*for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums"
in the Workers' Compensation Program for the period 07/01/2013 - 06/30/2016
announced at the Board of Directors' Meeting in Anaheim.*



E. G. "Jerry" Gladbach, President



November 27, 2017

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: January 22, 2018
TO: Janet Gingras, General Manager
FROM: Dave Stewart, Operations Division Manager
RE: **MONTHLY OPERATIONS DIVISION REPORT**

Operations

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

Lake Cachuma Operations

The total flow from Lake Cachuma into the Tecolote Tunnel for November and December was 3,376.8 acre-feet, for an average daily flow of 55.35 acre-feet. Lake elevation was 703.34 feet at the beginning of the November and 701.59 feet at the end of December. Storage change decreased -2,869 acre-feet. CCWA wheeled 1,622.8 acre-feet of water to Cachuma Project facilities.

Operation and Maintenance Activities

COMB Staff regularly performs the following duties:

- Operation and maintenance of the South Coast Conduit (SCC) and facilities on the South Coast:

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

- Operation of the Lake Cachuma North Portal Intake Tower and Jet Flow Valve
- Regulate and maintain flows from Lake Cachuma to meet the needs of South Coast Member Units
- Dam inspection and instrumentation reports (all reservoirs)
- Weekly Safety meetings
- Weekly Rodent Bait (all reservoirs)

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

Weekly Safety Meetings:

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

- ✓ All COMB Staff took part in a CPR and First Aid training course held at the Lauro Office. The course was designed to prepare participants to provide first aid, **CPR**, and use an automated external defibrillator (AED) in a safe, timely, and effective manner.

Reading:

- ✓ Storm Preparedness Review – Reviewed current procedures for operation of heavy equipment. Retrained on correct methods of securing and transporting heavy equipment. Checked all chains and necessary tools were in good working order.
- ✓ Texting and Driving – Discussed the dangers of texting and driving a vehicle.

Videos:

- ✓ Night Work - Reduced Visibility Increases Hazards
- ✓ Climb Into Confined Space Safety

COMB Operations staff specifically performed the following activities:

- Staff has been on site monitoring several ongoing projects throughout the area. Working closely with the construction and engineering contractors to ensure that:
 - Pipeline easements and right of ways remain accessible to operations staff for possible emergency's and ongoing facility maintenance.
 - All projects are following the COMB and USBR approved plans.
 - No damage occurs to the South Coast Conduit during the construction process.
- During the Thomas fire all operations staff were placed on standby for the duration of the event to assist in meeting of the needs of member units, USBR and fire personnel. Daily

flow monitoring and flow changes, providing site access to necessary personnel, completing site inspections and reporting to the USBR on a daily basis.

- Inspected the SCC and its structures following the rain and debris flow event on January 9th. The pipeline was found to be intact, however damage occurred to some of the structures (blowoffs and airvents) that were in the path of the debris flows. In cooperation with Santa Barbara's Cater Water Treatment Plant and Montecito Water District, operations staff successfully recharged the SCC January 10th. Staff will continue to closely monitor the SCC and all associated cleanup activities near the pipeline and structures.
- Cushman Contracting installed the log boom at the Lake Cachuma Intake Tower.
- The Glenn Annie Reservoir drain line was previously found to be in poor condition. The valve and drain piping were replaced with materials better suited for the environment.
- Conducted the pre-bid meeting and site tour for the Lower Reach AVAR / Blow off replacement project. In attendance were Blois Construction, Tierra Contracting, Cushman Contracting, Specialty Construction and Lash Construction.
- Staff was onsite to monitor contractors from Earth Systems as they performed a series of downward logging to investigate the soil layers and movement of the soils near the Sycamore Slide area.
- Met with Cushman Contracting to discuss progress on the Lateral 3A project.
- In addition to the monthly water sampling for the City of Santa Barbara, staff performed pre and post storm water quality sampling to better recognize the effects of the Whittier fire and the impact on Lake Cachuma and the water shed.
- Inspected and cleared all storm water runoff protection around the North Portal, Intake Tower and surrounding areas at Lake Cachuma in preparation for winter storms.
- Continued Monitoring of the Sycamore Canyon slide area during and after all rain events.
- Monitored Lash construction during the installation of an 8" water main traveling near the SCC along Hwy 192 in Carpinteria.
- Operations department continually inspects all sites, reservoirs, and the South Coast Conduit for items to add to the IIP for future projects.

Current IIP projects include:

- Air Vacuum Air Release (AVAR) Valve and Blow-off Structure Rehabilitation & Replacement
- North Portal Access Road
- Sycamore Canyon Slide Repair
- Lateral #3 Replacement

BROWN PROPERTY



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

LAT 3A



Remove abandoned turnout and reconfigure blow off structure.

PATTERSON AVE.



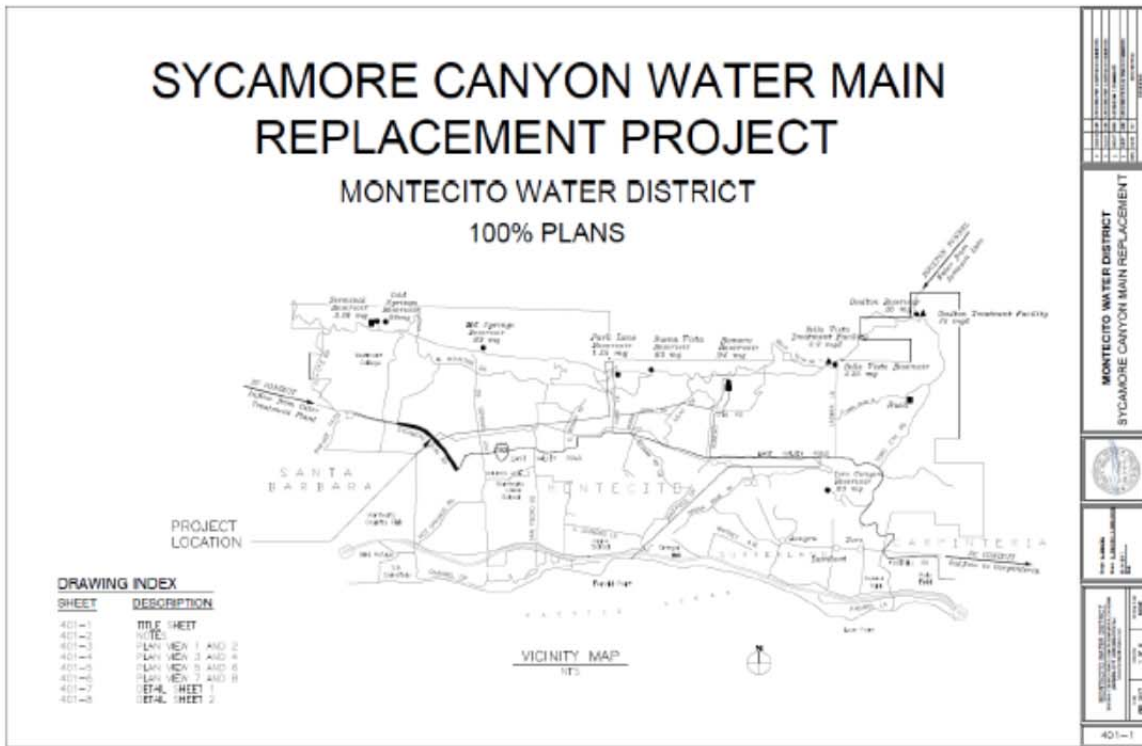
Patterson Oaks subdivision

BOULDERS PROJECT



Boulders subdivision

Montecito Water Main Installation



Operations Project Photos

Intake Tower Log Boom Installation

*Placing
Mooring
Cans*



Glenn Annie Reservoir Drain Line Replacement

*Original
Corroded
Pipe*



CACHUMA OPERATION AND MAINTENANCE BOARD

BOARD MEMORANDUM

DATE: January 22, 2018
TO: Janet Gingras, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- USBR continues to deliver approximately 2 cfs to Hilton Creek at the Lower Release Point through the Hilton Creek Emergency Backup System by gravity flow. No water is being delivered to the Upper Release Point due to difficulties in operating the Hilton Creek Watering System pumps. This rate of flow is meeting BiOp target flows for Hilton Creek and sustaining the *O. mykiss* population in the creek.
- The January 8th and 9th 2018 storm produced Hilton Creek upper basin flows that resulted in high turbidity with ash from the burn scare of the Whittier Fire and 13 observed *O. mykiss* mortalities.

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 removed at the end of December to record water temperatures at all designated locations within the LSYR mainstem and several tributaries. Thermographs are downloaded monthly and the results are summarized in the Annual Monitoring Report.

Lake Profiles: Lake Cachuma water quality measurements (temperature, dissolved oxygen concentration solids and turbidity) at one meter intervals from the surface to the bottom of the lake (Lake Profile) are taken once a month at the Hilton Creek Watering System (HCWS) intake barge. This is considered to be near the deepest point in the lake and allows for monitoring of lake stratification, water quality conditions at the intake level for the HCWS and lake-turnover. Due to the drought and the need to carefully monitor Lake Cachuma, lake profiles are being taken monthly throughout the year.

Cachuma Lake Oak Tree Restoration Program: COMB staff, with guidance from a hired professional arborist, continues to implement the Program and has successfully conducted all management actions as required. A project update is provided in a separate Board memo.

Redd Surveys: Redd surveys are conducted every two weeks from mid-January through May. Surveys were initiated in January within the LSYR mainstem in the Highway 154, Refugio, and Alisal reaches where access was permitted, and certain sections of Hilton, Quiota, and Salsipuedes/El Jaro creeks. The number of redds is reported in the Annual Monitoring Plan. The initial redd survey of the year started on 1/4/18 on Hilton Creek where one redd was observed.

Hilton Creek Winter Stormflow: The recent large winter storm on January 8th and 9th, 2018 produced enough rainfall to cause Hilton Creek upper basin flow that reached the watered section of Hilton Creek on USBR property and flowed all the way to the Lower Santa Ynez River mainstem and Long Pool. The stormflow was laden with fine sediments and ash from the Whittier fire. There were two stormflow peaks with a maximum flow of approximately 50 cfs but no debris flows. The stormflow resulted in poor water quality and 13 *O. mykiss* mortalities were observed.

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 then 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 project is on hold due to the COMB Board rejection all contractor bids on 9/25/17.

Quiota Creek Crossing 8: This project and the required Cooperative Agreement with the County were discussed at the 5/4/16 Fisheries Committee meeting with approval by the Board on 5/23/16 to move forward with the project and the Cooperative Agreement. The County Board of Supervisors approved the Cooperative Agreement on 7/12/16. With a fully executed Cooperative Agreement, the County submitted a CalTrans 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 and expect approval of the RFA soon. We have been working on the Requests for Proposals (RFP) to hire a consultant for design, environmental and right-of-way tasks. We hope to finalize the RFP shortly and initiate the search for a consultant to be secured in September of this year. Upon receiving the PSA, a field review meeting with Caltrans will be scheduled shortly thereafter with the objective of setting the design criteria. Caltrans recently has programmed funding for this project in Fiscal Year 19/20 but the County has made a request for the funding to be available in Fiscal Year 18/19. We will know more next month in February. Pending the above, the project would be built in the fall of 2018 or 2019.

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

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

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

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

The HCWS and HCEBS are owned, operated and maintained by USBR. The HCEBS was completed at the end of January 2016. With this system fully operational, USBR has now been working on the identified repairs to the HCWS with no success on getting the pumping system operating. Repair work on the HCWS has been very slow with some USBR diagnostic work scheduled for 12/17-18/18. We hope that they will be working on the HCEBS as well.

Surcharge Water Accounting

The following table summarizes the amount of Surcharge water used to date from each of the three accounts at the end of last month (Table 1). All numbers come from USBR’s Daily Operations Report. The start time for the use of the Surcharge Water Accounts was 5/27/11, or the last day of full surcharge. As of May 2012, all of the Fish Rearing Account waters have been used and USBR is now using Project Yield to meet BiOp target flows. A WR 89-18 release began on 7/15/13 and ended on 12/2/13, another began on 8/18/14 and ended on 11/11/14, another began on 8/3/15 and ended on 9/26/15, another began on 7/12/16 and ended on 8/29/16, and the most recent release started on 8/21/17 and ended on 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. What remains of the AMA is 351 acre-feet. There have been no releases from the Fish Passage Supplementation Account (FPSA). Determination of critical drought and the associated accounting and possible usage of the AMA and FPSA have not been finalized and approved (or if those accounts are now replenished from last winter’s runoff) by NMFS and USBR hence is not reflected in Table 1.

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

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		15,711	
Total:	9,184	21,344	3,551
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 12/31/17.			
*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.			

Reporting / Outreach / Training

Reporting: Staff continues to work on the Annual Monitoring Reports. Staff has been providing information to USBR as requested in support of Reconsultation and other operational requests.

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

Consultant Activity Summary:

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

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

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

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 22, 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 June, 2017 to the present (6/1/17 – 1/22/18, 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 2016 Annual Inventory and Fiscal Year 2016-2017 Financial Report has been completed and reviewed by the Lake Cachuma Oak Tree Committee during their 8/9/17 meeting. The directives for the coming fiscal year have been presented by the Committee chairperson during the August COMB Board meeting.

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

	June 2017	July 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018
Year 9 Oaks (2016-2017)	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded		Irrigated Weeded		Irrigated Weeded
Year 8 Oaks (2015-2016)	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded		Irrigated Weeded	Irrigated Weeded	
Year 7 Oaks (2014-2015)	Irrigated Weeded			Irrigated Weeded				
Year 6 Oaks (2010-2011)	Irrigated Weeded				Irrigated Weeded Deer Cages	Pruning Deer Cages		Deer Cages
Year 5 Oaks (2009-2010)	Irrigated Weeded					Deer Cages	Irrigated Weeded	
Year 4 Oaks (2008-2009)							Irrigated Weeded	
Year 3 Oaks (2007-2008)							Irrigated Weeded	
Year 2 Oaks (2006-2007)					Irrigated Weeded Deer Cages			
Year 1 Oaks (2005-2006)					Irrigated Weeded Deer Cages			

The Fisheries Division incorporated approximately 125 oak trees into the Lake Cachuma Oak Tree Restoration Program that were planted by the Bureau of Reclamation near Bradbury Dam. These adopted trees received new deer cages, mulch and tree tags. They were also thoroughly irrigated and will be cared for in a similar manner to all other trees within the program.

An extremely dry start to this winter season prompted staff to continue watering through the first week of January. The 1/8/18 storm dropped 3.3 inches of rain at Bradbury Dam, which is now allowing staff to focus on other oak tree tasks aside from watering.

Five loads of mulch from the Santa Ynez Transfer Station were delivered to Bradbury Dam, Santa Barbara County Park and Storke Flat. The mulch will be spread over the course of the next few months as time permits.

RECOMMENDATION:

For Board information only.

LIST OF EXHIBITS:

N/A

CACHUMA OPERATION AND MAINTENANCE BOARD
METERED USE REPORT FOR NOVEMBER 2017

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter - East		249.80	18+62	G. WEST	99.18
Boundary Meter - West		(0.03)	78+00	Corona Del Mar FILTER Plant	630.27
			122+20	STOW RANCH	0.00
				Bishop Ranch (Wynmark)(Water Rights)	0.00
				Raytheon (SWP) (Warren Act Contract)	0.00
				Morehart (SWP) (Warren Act Contract)	0.00
				SWP CREDIT (Warren Act Contract)	(143.00)
			TOTAL		586.45
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	51.53
			386+65	MWD YARD	44.45
			487+07	VALLEY CLUB	0.04
			499+65	E. VALLEY-ROMERO PUMP	147.40
			510+95	MWD PUMP (SWD)	12.99
			510+95	ORTEGA CONTROL	2.45
			526+43	ASEGRA RD	5.49
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.00
			599+27	TORO CANYON	1.13
				SWP CREDIT (Warren Act Contract)	(265.46)
			TOTAL		0.00
			CITY OF SANTA BARBARA		
			CATER	INFLOW	1209.92
			Gibraltar	PENSTOCK	(174.25) (*)
			CATER	SO. FLOW	(745.45)
			Sheffield	SHEF.LIFT	197.06
				SWP (Warren Act)	(390.96)
				La Cumbre Mutual SWP (Warren Act)	(96.33)
			TOTAL		(0.00)
			SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1		
			COUNTY PARK, ETC		1.22
			TOTAL		1.22
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WATER DELIVERED TO LAKE		369.00
			STATE WATER TO SOUTH COAST (including from storage)		(895.75)
			BISHOP RANCH DIVERSION		0.00
			METERED DIVERSION		837.43
SWP CREDIT (Warren Act Contract)		0.00			
TOTAL		249.76			
Note:	Meter reads were taken on: 11/30/2017				

(*) The Gibraltar Penstock meter read was adjusted based on a meeting between City Staff and COMB on May 18, 2017

17-18 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT**

FOR THE MONTH OF **NOVEMBER 2017** AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾

(All in rounded Acre Feet)

	MONTH	WYTD
SCC WATER PRODUCTION:		
Cachuma Lake (Tec. Diversion)	1,653.2	3,973.5
Tecolote Tunnel Infiltration	81.6	107.7
Cachuma Lake (County Park)	1.2	3.6
Subtotal - Water Production	1,736	4,084.9
SCC WATER DELIVERIES:		
State Water Diversion	897.8	2,182.1
Cachuma Diversion	835.4	1,772.4
So. Coast Storage gain/(loss)	(99.9)	(27.5)
Subtotal - Water Deliveries	1,633.3	3,927.0
Total Water Production	1,736.0	4,084.9
Total Water Deliveries	1,633.3	3,927.0
Difference = Apparent Water Loss	102.7	157.9
% Apparent Water Loss	5.91%	3.86%

SCC APPARENT WATER LOSS ALLOCATION ⁽²⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
CURRENT MONTH CHARGE / (ADJUSTMENT) ⁽²⁾					
M&I	6.2	0.0	0.0	13.6	19.8
Agriculture	2.3	0.0	0.0	16.9	19.2
Subtotal Cachuma Project	8.5	0.0	0.0	30.5	39.0
(+) State Water Project	2.1	29.3	32.3	0.0	63.7
Total	10.6	29.3	32.3	30.5	102.7
WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)					
M&I	8.8	0.0	0.0	17.9	26.6
Agriculture	3.1	0.0	0.0	22.9	26.0
Subtotal Cachuma Project	11.8	0.0	0.0	40.8	52.6
(+) State Water Project	3.8	42.3	51.2	8.0	105.3
Total	15.6	42.3	51.2	48.8	157.9

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
CURRENT MONTH						
Water Usage						
M&I	428.1	0.0	0.0	111.4	1.2	540.7
Agricultural	158.3	0.0	0.0	138.3	N/A	296.7
Subtotal Project Water Use	586.5	0.0	0.0	249.8	1.2	837.4
(+) Apparent Water Loss	8.5	0.0	0.0	30.5	N/A	39.0
(+) Evaporative Loss ⁽³⁾	17.8	30.4	7.7	4.5	0.1	60.5
Total Project Water Charge	612.7	30.4	7.7	284.8	1.3	936.9
WATER YEAR-TO-DATE						
Water Usage						
M&I	996.2	0.0	0.0	193.0	3.6	1,192.8
Agricultural	328.0	0.0	0.0	253.5	N/A	581.6
Subtotal Project Water Use	1,324.2	0.0	0.0	446.6	3.6	1,774.4
(+) Apparent Water Loss	11.8	0.0	0.0	40.8	N/A	52.6
(+) Evaporative Loss ⁽³⁾	62.9	88.7	22.5	16.2	0.3	190.6
Total Project Water Charge (*)	1,399.0	88.7	22.5	503.6	4.0	2,017.7

(*) 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 **NOVEMBER 2017** AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT WATER BALANCE AS OF NOVEMBER 2017

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
Project Water Carryover - 10/1/2016	3,088.0	3,988.0	1,011.0	800.0	16.0	8,903.0
(-) Project Water Charge (WYTD)	1,399.0	88.7	22.5	503.6	4.0	2,017.7
Balance Carryover Water	1,689.0	3,899.3	988.5	296.4	12.0	6,885.3
Current Year Allocation ⁽⁴⁾	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 ⁽⁵⁾	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment	0.0	0.0	0.0	0.0	0.0	0.0
Balance Current Year Allocation	3,728.0	3,311.0	1,060.0	1,125.0	1,060.0	10,284.0
Total Cachuma Project Water Available	5,417.0	7,210.3	2,048.5	1,421.4	1,072.0	17,169.3

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) Per USBR, 40% Allocation to Member Agencies, effective 10/1/17
 - (5) There were no SWP Exchanges in November 2017
- State Water Deliveries to Lake Cachuma for November 2017 (Total =369 AF): MWD 96 AF; CVWD 0 AF
GWD 145 AF(Morehart 0 AF); City of S.B. 96 AF; and LaCumbre 32 AF: (Ratheon 0 AF)

**SUMMARY: APPARENT WATER LOSS ALLOCATION
NOVEMBER 2017**

	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	4.2	6.0	0.0	0.0	10.6	10.6
City of SB	1.5	0.0	2.0	24.4	1.4	0.0	29.3	29.3
MWD	1.0	0.5	1.3	16.6	1.8	11.1	32.4	32.4
CVWD	1.0	0.5	1.3	15.6	1.7	10.4	30.5	30.5
Total	4.0	1.0	8.8	62.6	4.9	21.5	102.7	102.7

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **November 2017**

GLEN ANNIE RESERVOIR

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

LAURO RESERVOIR

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	543.30	Feet
Water in Storage	477.20	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	446.80	Feet
Water in Storage	18.90	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	377.30	Feet
Water in Storage	28.64	AF

TOTAL STORAGE IN RESERVOIRS

	524.74	AF
Change in Storage	(99.86)	AF

CACHUMA RESERVOIR*

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

Stage of Reservoir Elevation	702.12	Feet
Water in Storage	75,612	AF
Surface Area	1,632	
Evaporation	402.1	AF
Inflow	219.4	AF
Downstream Release WR8918	341.0	AF
Fish Release (Hilton Creek)	104.0	AF
Outlet	75.0	AF
Spill/Seismic Release	0	AF
State Water Project Water	341.3	AF
Change in Storage	-2,005	AF
Tecolote Diversion	1,653.2	AF

Rainfall:	Month: 0.70	Season: 0.7	Percent of Normal: 3%
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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. 11/30/17

Month	Carryover Balance		Approved Allocation		CARRYOVER WATER			CURRENT YEAR ALLOCATION				
	Prior Yr	Curr Yr	Acre-feet		WATER USE CHARGED			WATER USE CHARGED				
			M & I	Agr	Evap	Used	Total	Allocation		Allocation		Total
								M & I	Agr	M & I	Agr	
Oct	3,088.0	3,728.0	570.6	170.4	45.1	741.1	786.2	605.4	180.8	0.0	0.0	0.0
Nov			434.3	160.6	17.8	594.9	612.7	447.3	165.4	0.0	0.0	-
Dec			-	-	-	-	-	-	-	-	-	-
Jan			-	-	-	-	-	-	-	-	-	-
Feb			-	-	-	-	-	-	-	-	-	-
Mar			-	-	-	-	-	-	-	-	-	-
Apr			-	-	-	-	-	-	-	-	-	-
May			-	-	-	-	-	-	-	-	-	-
Jun			-	-	-	-	-	-	-	-	-	-
Jul			-	-	-	-	-	-	-	-	-	-
Aug			-	-	-	-	-	-	-	-	-	-
Sep			-	-	-	-	-	-	-	-	-	-
Total	3,088.0	3,728.0	1,004.9	331.1	62.9	1,336.0	1,399.0	1,052.7	346.3	0.0	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	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATEF			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	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 5,417.0

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. 11/30/17

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

Month	TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED			Total	
	M & I	Agr	Total	Evap	Used	Total	Allocation		Allocation		
							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	
Nov	1.2	0.0	1.2	0.1	1.2	1.3	1.3	0.0	0.0	-	
Dec	-	-	-	-	-	-	-	-	-	-	
Jan	-	-	-	-	-	-	-	-	-	-	
Feb	-	-	-	-	-	-	-	-	-	-	
Mar	-	-	-	-	-	-	-	-	-	-	
Apr	-	-	-	-	-	-	-	-	-	-	
May	-	-	-	-	-	-	-	-	-	-	
Jun	-	-	-	-	-	-	-	-	-	-	
Jul	-	-	-	-	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	-	-	-	-	
Total	3.6	0.0	3.6	0.3	3.6	4.0	4.0	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)	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
-	-	-	-
-	-	-	-

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Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			Total
	Total	Allocation		Allocation			
		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	-	-	-	-	-	-	
Jun	-	-	-	-	-	-	
Jul	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	

*NOTE:

Month
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Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			Total
	County Parks Usage (AF)	Allocation		Allocation			
		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	-	-	-	-	-	-	
Jan	-	-	-	-	-	-	
Feb	-	-	-	-	-	-	
Mar	-	-	-	-	-	-	
Apr	-	-	-	-	-	-	
May	-	-	-	-	-	-	
Jun	-	-	-	-	-	-	
Jul	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **1,072.0**

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. 11/30/17

Month	Carryover Balance		Approved Allocation		CARRYOVER WATER				CURRENT YEAR ALLOCATION					
	Prior Yr	Curr Yr	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	876.4	60.5	876.4	936.9	612.1	324.8	0.0	0.0	-
Dec			-	-	-	-	-	-	-	-	-	-	-	-
Jan			-	-	-	-	-	-	-	-	-	-	-	-
Feb			-	-	-	-	-	-	-	-	-	-	-	-
Mar			-	-	-	-	-	-	-	-	-	-	-	-
Apr			-	-	-	-	-	-	-	-	-	-	-	-
May			-	-	-	-	-	-	-	-	-	-	-	-
Jun			-	-	-	-	-	-	-	-	-	-	-	-
Jul			-	-	-	-	-	-	-	-	-	-	-	-
Aug			-	-	-	-	-	-	-	-	-	-	-	-
Sep			-	-	-	-	-	-	-	-	-	-	-	-
Total	8,903.0	10,284.0	0.1	1,219.5	607.5	1,827.0	190.6	1,827.0	2,017.7	1,380.8	636.9	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	-	-	-	-
Jan	-	-	-	-
Feb	-	-	-	-
Mar	-	-	-	-
Apr	-	-	-	-
May	-	-	-	-
Jun	-	-	-	-
Jul	-	-	-	-
Aug	-	-	-	-
Sep	-	-	-	-

Month
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Month	SCHEDULE AND REVISIONS				SCHEDULE AND REVISIONS		
	Begin Bal	Total	Allocation		Allocation		Total
			M & I	Agr	M & I	Agr	
Oct	8,903.0	7,098.0	1,805.0	8,134.0	2,150.0	10,284.0	
Nov	-	-	-	-	-	-	
Dec	-	-	-	-	-	-	
Jan	-	-	-	-	-	-	
Feb	-	-	-	-	-	-	
Mar	-	-	-	-	-	-	
Apr	-	-	-	-	-	-	
May	-	-	-	-	-	-	
Jun	-	-	-	-	-	-	
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	5,721.2	1,164.1	8,134.0	2,150.0	10,284.0
Dec	-	-	-	-	-	-	-
Jan	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **17,169.3**



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



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

Cachuma Lake Recreation Area Launch Data -- November 2017		
Inspection Data		
Total Vessels entering Park	183	
Total Vessels launched	165	
Total Vessels Quarantined	18	
Returning with Boat Launch Tag	114	69%
New: Removed from Quarantine	*	
Kayak/Canoe: Inspected, launched	51	31%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Quarantine Data		
Total Vessels Quarantined	18	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	18	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	1	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	18	
Demographic Data		
Quarantined from infected county	1	
Quarantined from SB County	16	
Quarantined from uninfected co	1	

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

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

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

Summary: No Dreissenid mussels were detected
 Inspection Site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time: 2017.11.30; 10:00 – 12:00 PDT
 Method: 4 PVC/Cement Sampling Stations; 52 linear feet of line
 Surveyors: Rosey Bishop, John Viggianelli, Kristin Loft (SBCO Parks)
 Lake elevation: Max feet: 753.00, current: 702.17; Max acre-feet: 193,305, current: 85,694;
 Current capacity: 39.20%



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



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

Cachuma Lake Recreation Area Launch Data -- December 2017		
Inspection Data		
Total Vessels entering Park	156	
Total Vessels launched	148	
Total Vessels Quarantined	8	
Returning with Boat Launch Tag	100	68%
New: Removed from Quarantine	*	
Kayak/Canoe: Inspected, launched	48	32%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Quarantine Data		
Total Vessels Quarantined	8	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	8	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	4	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	8	
Demographic Data		
Quarantined from infected county	4	
Quarantined from SB County	3	
Quarantined from uninfected co	1	

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

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

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

Summary: No Dreissenid mussels were detected
 Inspection Site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time: 2017.12.29; 10:00 – 12:00 PDT
 Method: 4 PVC/Cement Sampling Stations; 52 linear feet of line
 Surveyors: Rosey Bishop, John Viggianelli (SBCO Parks)
 Lake elevation: Max feet: 753.00, current: 701.65; Max acre-feet: 193,305, current: 74,846;
 Current capacity: 38.70%

RESOLUTION NO. 648

**CACHUMA OPERATION AND MAINTENANCE BOARD
EXPRESSING APPRECIATION AND THANKS TO**

HARWOOD "BENDY" WHITE

UPON LEAVING OFFICE AS A DIRECTOR OF THIS BOARD

WHEREAS, Director Harwood "Bendy" White, representing the City of Santa Barbara, has served from July, 2015 through December, 2017, as a Director of the Cachuma Operation and Maintenance Board ("COMB"), and Chair or member of multiple COMB board committees, and;

WHEREAS, Director White is a third generation Santa Barbara citizen and a lifetime civic activist with over 30 years of public service including his role as Councilmember for the City of Santa Barbara, Council representative on several regional agencies, as well as, a member of the City's Civil Service Commission, Planning Commission and Water Commission, and;

WHEREAS, Director White has maintained a consistent community public service perspective through his actions and words, and;

WHEREAS, Director White exhibited a wealth of knowledge about Santa Barbara history and its resources; was proactive about potential fire impacts and protection of the Cachuma Project watershed and its structures, and;

WHEREAS, Director White's interest and knowledge of water supply and infrastructure assisted the agency with forethought and planning, in particular, during an unprecedented drought situation to ensure adequate resources for COMB Member Agencies and stakeholders, and;

WHEREAS, Director White's wide-ranging professional, elected and volunteer service has been and continues to be enriching to the life and vitality of the community.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors and staff of the Cachuma Operation and Maintenance Board extend to Director Harwood "Bendy" White their sincere appreciation and heartfelt thanks for the invaluable service that he has given to COMB and to the people of the County of Santa Barbara.

PASSED AND ADOPTED by the Board of Directors of the Cachuma Operation and Maintenance Board on this 22nd day of January, 2018.

APPROVED:

ATTEST:
