



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

**Monday, August 23, 2021  
1:00 P.M.**

---

**BY TELECONFERENCE**

**NOTICE:** Pursuant to State of California Executive Order N-08-21, members of the Cachuma Operation & Maintenance Board (COMB) Board of Directors and members of the public will participate in this meeting electronically by video and/or teleconference, as described below.

**HOW TO OBSERVE THE MEETING**

Members of the public may observe the meeting as set forth below.

**Join via video conference:**

<https://us02web.zoom.us/j/85644213980?pwd=N1d5dy9TQjBOdnJkMWEwS2c3NkFqdz09>

Passcode: 516314

**Join via teleconference:**

US: +1 669 900 6833 Conference ID: 856 4421 3980 Passcode: 516314

**HOW TO MAKE A PUBLIC COMMENT**

Any member of the public may address the Board on any subject within the jurisdiction of the Board of Directors. 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.

**By Video:** Those observing the meeting by video may make comments during designated public comment periods using the “raise hand” feature. Commenters will be required to unmute their respective microphone when providing comments.

**By Telephone:** Those observing the meeting by telephone may make comments during the designated public comment periods by pressing \*9 on the key pad to indicate such interest. Commenters will be prompted to press \*6 to unmute their respective telephone when called upon to speak.

**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.

**THIS PAGE INTENTIONALLY LEFT BLANK**

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

---

**Monday, August 23, 2021**

**1:00 PM**

**AGENDA**

**NOTICE:** This Meeting shall be conducted through remote access as authorized and in accordance with Government Code section 54953 and the California Governor's Executive Order N-08-21.

- 1. CALL TO ORDER, ROLL CALL**
- 2. PUBLIC COMMENT** *(Public may address the Board on any subject matter within the Board's jurisdiction. See "Notice to the Public" below.)*
- 3. CONSENT AGENDA** *(All items on the Consent Agenda are considered to be routine and will be approved or rejected in a single motion. Any item placed on the Consent Agenda may be removed and placed on the Regular Agenda for discussion and possible action upon the request of any Board Member.)*  
Action: Recommend Approval of Consent Agenda by motion and roll call vote of the Board:
  - a. Minutes of July 26, 2021 Regular Board Meeting
  - b. Investment of Funds
    - Financial Reports
    - Investment Reports
  - c. Review of Paid Claims
- 4. VERBAL REPORTS FROM BOARD COMMITTEES**  
Receive verbal information regarding the following committee meetings:
  - Administrative Committee Meeting – August 17, 2021
  - Operations Committee Meeting – August 19, 2021
- 5. FINANCIAL REVIEW – 4<sup>th</sup> QUARTER FISCAL YEAR 2020-21**  
Action: Receive and file information on the 4<sup>th</sup> Quarter Fiscal Year 2020-21 Financial Review
- 6. PERSONNEL POLICY AND EMPLOYEE HANDBOOK UPDATE**  
Action: Receive and file information on the COMB Employee Handbook
- 7. INFRASTRUCTURE IMPROVEMENT PROJECT - PURCHASE OF GATE VALVE**  
Action: Receive and file information on the purchase of a gate valve for the SCC
- 8. GENERAL MANAGER REPORT**  
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
  - Administration
  - Virtual Meetings

**9. ENGINEER'S REPORT**

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

- Climate Conditions
- Lake Elevation Projections
- Infrastructure Improvement Projects

**10. OPERATIONS DIVISION REPORT**

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

- Lake Cachuma Operations
- Operation and Maintenance Activities

**11. FISHERIES DIVISION REPORT**

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

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

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

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

- Maintenance and Monitoring

**13. MONTHLY CACHUMA PROJECT REPORTS**

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

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

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

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

- a. [Government Code Section 54956.9(d)(1)]  
Name of matter: *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647  
– Request for Declaratory and Injunctive Relief

**16. RECONVENE INTO OPEN SESSION**

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

- 15a. Name of matter: *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647  
– Request for Declaratory and Injunctive Relief

**17. MEETING SCHEDULE**

- **September 27, 2021 at 1:00 PM**
- **Board Packages available on COMB website [www.cachuma-board.org](http://www.cachuma-board.org)**

**18. COMB ADJOURNMENT**

**NOTICE TO PUBLIC**

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

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

**Public Comment:** Any member of the public may address the Board on any subject within the jurisdiction of the Board. 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.

**THIS PAGE INTENTIONALLY LEFT BLANK**

**MINUTES OF REGULAR MEETING  
OF THE  
CACHUMA OPERATION AND MAINTENANCE BOARD  
Monday, July 26, 2021  
1:00 PM**

---

**1. CALL TO ORDER, ROLL CALL**

The meeting was called to order by President Holcombe at 1:03 PM

All attendees participated electronically pursuant to California Governor Gavin Newsom's Executive Order N-08-21.

**Directors Present:**

Polly Holcombe, Carpinteria Valley Water District  
Kristen Sneddon, City of Santa Barbara  
Lauren Hanson, Goleta Water District  
Cori Hayman, Montecito Water District

**General Counsel Present:**

William Carter, Musick, Peeler, Garrett, LLP

**Staff Present:**

Janet Gingras, General Manager	Shane King, Operations Supervisor
Edward Lyons, Administrative Manager/CFO	Perri Wolfe, Administrative Analyst
Joel Degner, Engineer/Operations Division Manager	Dorothy Turner, Administrative Assistant II
Timothy Robinson, Fisheries Division Manager	

**Others Present:**

Dakota Corey, City of Santa Barbara	Kathleen Werner, Goleta Water District
Matt Young, County of Santa Barbara	

**2. PUBLIC COMMENT**

There was no public comment.

**3. CONSENT AGENDA**

- a. Minutes of June 28, 2021 Regular Board Meeting
- b. Investment of Funds
  - Financial Reports
  - Investment Reports
- c. Review of Paid Claims

Ms. Gingras introduced the Consent Agenda items and requested that Mr. Lyons provide pertinent financial information. Mr. Lyons reviewed revenues briefly and focused the Board's attention on a number of expenditures of note, including payments to Aspect Engineering, the United States Geological Survey, Advanced Cabling Systems and the ACWA JPIA enrollment for Mr. Degner in their leadership program.

Director Hanson put forth a motion to approve the Consent Agenda as presented. Director Sneddon seconded the motion which carried with a unanimous vote of six in favor.

**Ayes:** Sneddon, Hayman, Hanson, Holcombe

**Nays:**

**Absent:**

**Abstain:**

#### **4. BOARD COMMITTEE APPOINTMENTS FOR FISCAL YEAR 2021-22**

1. Administrative Committee
2. Operations Committee
3. Fisheries Committee
4. Lake Cachuma Oak Tree Committee
5. Public Outreach Committee

President Holcombe introduced the Committee Appointments item and asked the directors if anyone wished to change Committee assignments. All directors indicated a desire to remain in their current roles. President Holcombe stated that appointments could be changed at any time during the year, if circumstances warranted, but no changes for Fiscal Year 2021-22 will be made at this time.

#### **5. PROPOSED ANNUAL RESOLUTIONS**

- a. Resolution No. 726 Adopting Annual Statement of Investment Policy
- b. Resolution No. 727 Authorizing Investment of Monies in the Local Agency Investment Fund
- c. Resolution No. 728 Establishing a Supplemental Account Agreement for Telephone Transfers
- d. Resolution No. 729 Establishing a Check Signing Policy for General Fund Account Payment of Claims
- e. Resolution No. 730 Authorizing Signatories for General Fund Account at American Riviera Bank
- f. Resolution No. 731 Authorizing Signatories for Revolving Fund Account at American Riviera Bank
- g. Resolution No. 732 Establishing a Check Signing Policy for Cachuma Project Trust Fund and Master Contract Renewal Fund Accounts for Payment of Claims
- h. Resolution No. 733 Authorizing Signatories for Trust Fund and Renewal Fund Accounts at American Riviera Bank
- i. Resolution No. 734 Establishing a Time and Place for Board Meetings

Ms. Gingras presented the annual resolutions for the Directors' consideration, noting that they could be addressed together or separately at the Board's pleasure. Director Hanson motioned to approve the resolutions in a single motion. Seconded by Director Sneddon, the motion carried with a unanimous vote of six in favor.

**Ayes:** Sneddon, Hayman, Hanson, Holcombe

**Nays:**

**Absent:**

**Abstain:**



## **6. GENERAL MANAGER REPORT**

- Administration
- Virtual Meetings

Ms. Gingras presented the General Manager report, noting Governor Newsom's recent visit to Lake Lopez and his declaration of a drought emergency, followed by the same from the County of Santa Barbara. The declaration provides COMB an opportunity to be alert for drought mitigation grant funds. According to Mr. Degner, the declaration smooths permitting processes but will not affect COMB's operations. Ms. Gingras provided an update on the COMB Office Building replacement project, noting that demolition was currently underway. She updated the Board regarding information gathered from various meetings attended by COMB staff, including the regular Office of Emergency Management meeting attended by Mr. Lyons, who also provided a brief report. Ms. Gingras fielded comments and questions from the Board.

## **7. ENGINEER'S REPORT**

- Climate Conditions
- Lake Elevation Projections
- Emergency Pumping Facility and Secured Pipeline Project
- Infrastructure Improvement Projects

Mr. Degner initiated his report with an update on drought conditions and a look at winter projections. The National Weather Service is projecting a 66% chance of La Nina conditions, which are typically dryer years. He provided a chart illustrating the historical usage of the Emergency Pumping System (EPPF) and reported briefly on the pending Above the Narrows Account Water Rights Release. Mr. Degner discussed possible windows for installation of the secured pipeline based up climate conditions and lake elevation. Finally Mr. Degner provided updates on the various Infrastructure Improvement Projects, particularly noting that the Isolation Line Valve project will soon be out for bid and that the draft report on the Sanitary Survey is scheduled to be completed in October 2021. Mr. Degner fielded questions and received consensus from the Board concerning the secured pipeline project.

## **8. OPERATIONS DIVISION REPORT**

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. King presented the Operations Division activities reporting that staff had been focusing on preparation for the COMB mobile office demolition. Mr. King provided updates to various project including recently replaced PLCs, an upgrade of conduit and wires to the North Portal PLC, the annual cathodic protection surveys and various other ongoing activities. He fielded questions from the Board.

## **9. FISHERIES DIVISION REPORT**

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

Mr. Robinson commenced the Fisheries Division report with flow data to Hilton Creek and the Hwy 154 bridge. He discussed the impact of the falling lake elevation on the flow adjustments to Hilton Creek

Mr. Robinson outlined the plan for the water rights release beginning August 2<sup>nd</sup> and expected to taper off by November. He received compliments from the Board.

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

- Maintenance and Monitoring

Mr. Robinson presented the Oak Tree Program report. Noting the dry weather conditions, he advised that staff has been irrigating newly planted trees as well as those planted in past years on a rotating basis. Additionally, Mr. Robinson noted plans under way to hire seasonal staff to assist with program work.

**11. MONTHLY CACHUMA PROJECT REPORTS**

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

Ms. Gingras presented the Cachuma Project reports, indicating nothing unusual for the period.

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

There were no requests from Directors.

**13. [CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: POTENTIAL LITIGATION**

- a. [Government Code Section 54956.9(d)(1)]  
Name of matter: *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647  
– Request for Declaratory and Injunctive Relief

The Board adjourned into Closed Session at 2:12 PM.

**14. RECONVENE INTO OPEN SESSION**

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

- 13a. Name of matter: *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647  
– Request for Declaratory and Injunctive Relief

The Board reconvened into Open Session at 2:25 PM. There was no reportable action.

**15. MEETING SCHEDULE**

- August 23, 2021 at 1:00 PM
- Board Packages available on COMB website [www.cachuma-board.org](http://www.cachuma-board.org)

**16. COMB ADJOURNMENT**

There being no further business, the meeting was adjourned at 2:28 PM.

Respectfully submitted,

---

Janet Gingras, Secretary of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

**APPROVED:**

---

Polly Holcombe, President of the Board

**THIS PAGE INTENTIONALLY LEFT BLANK**

**Cachuma Operation & Maintenance Board**  
**Statement of Net Position**  
As of July 31, 2021  
**UNAUDITED FINANCIALS**

	<u>July 31, 2021</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
<b>Trust Funds</b>	
1210 · Warren Act Trust Fund	87,854.72
1220 · Renewal Fund	15,031.82
<b>Total Trust Funds</b>	<u>102,886.54</u>
1050 · General Fund	640,114.40
1100 · Revolving Fund	200,525.02
<b>Total Checking/Savings</b>	<u>943,525.96</u>
<b>Accounts Receivable</b>	
1301 · Accounts Receivable	1,570.00
1320 · Quarterly Assessments Receivable	1,124,986.00
1325 · Bank Loan Receivable - EPFP	38,620.56
<b>Total Accounts Receivable</b>	<u>1,165,176.56</u>
<b>Other Current Assets</b>	
1010 · Petty Cash	500.00
1200 · LAIF	1,194,079.57
1303 · Bradbury SOD Act Assessments Receivable	207,474.00
1304 · Lauro Dam SOD Assessments Receivable	31,939.08
1400 · Prepaid Insurance	10,178.72
<b>Total Other Current Assets</b>	<u>1,444,171.37</u>
<b>Total Current Assets</b>	<u>3,552,873.89</u>
<b>Fixed Assets</b>	
1500 · Vehicles	468,728.36
1505 · Office Furniture & Equipment	306,053.41
1510 · Mobile Offices	97,803.34
1515 · Field Equipment	550,152.72
1525 · Paving	38,351.00
1550 · Accumulated Depreciation	(1,276,895.81)
<b>Total Fixed Assets</b>	<u>184,193.02</u>
<b>Other Assets</b>	
1923 · Deferred Outflow (GASB 75)	886,927.00
1910 · Long Term Bradbury SOD Act Assessments Receivable	4,271,329.07
1920 · Long Term Lauro SOD Act Assessments Receivable	772,150.06
1922 · Deferred Outflow of Resources (GASB 68)	336,263.00
<b>Total Other Assets</b>	<u>6,266,669.13</u>
<b>TOTAL ASSETS</b>	<u><u>10,003,736.04</u></u>

**Cachuma Operation & Maintenance Board  
Statement of Net Position**

As of July 31, 2021  
UNAUDITED FINANCIALS

	<b>July 31, 2021</b>
<b>LIABILITIES &amp; NET POSITION</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Accounts Payable</b>	
2200 · Accounts Payable	18,780.19
<b>Total Accounts Payable</b>	18,780.19
<b>Other Current Liabilities</b>	
2505 · Accrued Wages	11,794.50
2510 · Accrued Expenses	2,547.53
2550 · Vacation/Sick	183,338.51
2561 · Bradbury Dam SOD Act	207,473.99
2563 · Lauro Dam SOD Act	31,939.08
2565 · Accrued Interest SOD Act	52,227.00
2590 · Deferred Revenue	102,886.54
2594 · Deferred Revenue - Assessments	3,707.50
<b>Total Other Current Liabilities</b>	595,914.65
<b>Total Current Liabilities</b>	614,694.84
<b>Long Term Liabilities</b>	
2602 · Long Term SOD Act Liability-Bradbury	4,271,319.07
2603 · Long Term SOD Act Liability - Lauro	772,150.06
2604 · OPEB Long Term Liability	5,565,697.00
2610 · Net Pension Liability (GASB 68)	1,893,141.00
2611 · Deferred Inflow of Resources (GASB 68)	802,348.00
<b>Total Long Term Liabilities</b>	13,304,655.13
<b>Total Liabilities</b>	13,919,349.97
<b>Net Position</b>	
3000 · Opening Balance Net Position	(5,296,580.05)
3901 · Retained Net Assets	329,919.81
Net Income	1,051,046.31
<b>Total Net Position</b>	(3,915,613.93)
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>10,003,736.04</b>

**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures (Unaudited)**  
 Budget vs. Actuals July 2021 - June 2022

	Fisheries				Operations				TOTAL			
	Jul 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul 21	Budget	\$ Over / (Under) Budget	% of Budget
<b>Revenue</b>												
<b>3000 REVENUE</b>												
3001 · O&M Budget (Qtrly Assessments)	\$ 349,764.00	\$ 1,073,752.00	\$ (723,988.00)	32.57%	\$ 921,337.00	\$ 3,865,221.00	\$ (2,943,884.00)	23.84%	\$ 1,271,101.00	\$ 4,938,973.00	\$ (3,667,872.00)	25.74%
3006 · Warren Act	0.00	43,086.00	-43,086.00	0.0%	0.00				0.00	43,086.00	-43,086.00	0.0%
3007 · Renewal Fund	0.00	220,175.00	-220,175.00	0.0%	0.00				0.00	220,175.00	-220,175.00	0.0%
3009 · EPFP Loan (Qtrly Assessments)	0.00				38,620.56	0.00	38,620.56	100.0%	38,620.56	0.00	38,620.56	100.0%
3021 · Grant Income	0.00				510.00	0.00	510.00	100.0%	510.00	0.00	510.00	100.0%
3035 · Cachuma Project Betterment Fund	0.00	90,000.00	-90,000.00	0.0%	0.00	90,000.00	-90,000.00	0.0%	0.00	90,000.00	-90,000.00	0.0%
<b>Total 3000 REVENUE</b>	<b>\$ 349,764.00</b>	<b>\$ 1,427,013.00</b>	<b>\$ (1,077,249.00)</b>	<b>24.51%</b>	<b>\$ 960,467.56</b>	<b>\$ 3,865,221.00</b>	<b>\$ (2,904,753.44)</b>	<b>24.85%</b>	<b>\$ 1,310,231.56</b>	<b>\$ 5,292,234.00</b>	<b>\$ (3,982,002.44)</b>	<b>24.76%</b>
<b>Expense</b>												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 74,523.06	\$ 1,023,887.00	\$ (949,363.94)	7.28%	\$ 74,523.06	\$ 1,023,887.00	\$ (949,363.94)	7.28%
<b>3200 VEH &amp; EQUIPMENT</b>												
3201 · Vehicle/Equip Mtce	0.00				1,637.29	35,000.00	-33,362.71	4.68%	1,637.29	35,000.00	-33,362.71	4.68%
3202 · Fixed Capital	0.00				1,761.73	65,000.00	-63,238.27	2.71%	1,761.73	65,000.00	-63,238.27	2.71%
3203 · Equipment Rental	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
3204 · Miscellaneous	0.00				0.00	10,000.00	-10,000.00	0.0%	0.00	10,000.00	-10,000.00	0.0%
<b>Total 3200 VEH &amp; EQUIPMENT</b>	<b>0.00</b>				<b>3,399.02</b>	<b>115,000.00</b>	<b>-111,600.98</b>	<b>2.96%</b>	<b>3,399.02</b>	<b>115,000.00</b>	<b>-111,600.98</b>	<b>2.96%</b>
<b>3300 · CONTRACT LABOR</b>												
3301 · Conduit, Meter, Valve & Misc	0.00				3,090.00	20,000.00	-16,910.00	15.45%	3,090.00	20,000.00	-16,910.00	15.45%
3302 · Buildings & Roads	0.00				0.00	20,000.00	-20,000.00	0.0%	0.00	20,000.00	-20,000.00	0.0%
3303 · Reservoirs	0.00				2,246.94	60,000.00	-57,753.06	3.75%	2,246.94	60,000.00	-57,753.06	3.75%
3304 · Engineering, Misc Services	0.00				0.00	30,000.00	-30,000.00	0.0%	0.00	30,000.00	-30,000.00	0.0%
<b>Total 3300 · CONTRACT LABOR</b>	<b>0.00</b>				<b>5,336.94</b>	<b>130,000.00</b>	<b>-124,663.06</b>	<b>4.11%</b>	<b>5,336.94</b>	<b>130,000.00</b>	<b>-124,663.06</b>	<b>4.11%</b>
<b>3400 · MATERIALS &amp; SUPPLIES</b>												
3401 · Conduit, Meter, Valve & Misc	0.00				1,349.85	65,000.00	-63,650.15	2.08%	1,349.85	65,000.00	-63,650.15	2.08%
3402 · Buildings & Roads	0.00				2,261.97	15,000.00	-12,738.03	15.08%	2,261.97	15,000.00	-12,738.03	15.08%
3403 · Reservoirs	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
<b>Total 3400 · MATERIALS &amp; SUPPLIES</b>	<b>0.00</b>				<b>3,611.82</b>	<b>85,000.00</b>	<b>-81,388.18</b>	<b>4.25%</b>	<b>3,611.82</b>	<b>85,000.00</b>	<b>-81,388.18</b>	<b>4.25%</b>
<b>3500 · OTHER EXPENSES</b>												
3501 · Utilities	0.00				389.01	7,000.00	-6,610.99	5.56%	389.01	7,000.00	-6,610.99	5.56%
3502 · Uniforms	0.00				0.00	5,750.00	-5,750.00	0.0%	0.00	5,750.00	-5,750.00	0.0%
3503 · Communications	0.00				98.46	15,800.00	-15,701.54	0.62%	98.46	15,800.00	-15,701.54	0.62%
3504 · USA & Other Services	0.00				0.00	4,750.00	-4,750.00	0.0%	0.00	4,750.00	-4,750.00	0.0%
3505 · Miscellaneous	0.00				1,007.33	12,000.00	-10,992.67	8.39%	1,007.33	12,000.00	-10,992.67	8.39%
3506 · Training	0.00				0.00	3,000.00	-3,000.00	0.0%	0.00	3,000.00	-3,000.00	0.0%
<b>Total 3500 · OTHER EXPENSES</b>	<b>0.00</b>				<b>1,494.80</b>	<b>48,300.00</b>	<b>-46,805.20</b>	<b>3.1%</b>	<b>1,494.80</b>	<b>48,300.00</b>	<b>-46,805.20</b>	<b>3.1%</b>
<b>4100 · LABOR - FISHERIES</b>	<b>55,283.89</b>	<b>755,458.00</b>	<b>-700,174.11</b>	<b>7.32%</b>	<b>0.00</b>				<b>55,283.89</b>	<b>755,458.00</b>	<b>-700,174.11</b>	<b>7.32%</b>
<b>4200 · VEHICLES &amp; EQUIP - FISHERIES</b>												
4270 · Vehicle/Equip Mtce	674.04	30,000.00	-29,325.96	2.25%	0.00				674.04	30,000.00	-29,325.96	2.25%
4280 · Fixed Capital	0.00	50,000.00	-50,000.00	0.0%	0.00				0.00	50,000.00	-50,000.00	0.0%
4290 · Miscellaneous	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
<b>Total 4200 · VEHICLES &amp; EQUIP - FISHERIES</b>	<b>674.04</b>	<b>82,500.00</b>	<b>-81,825.96</b>	<b>0.82%</b>	<b>0.00</b>				<b>674.04</b>	<b>82,500.00</b>	<b>-81,825.96</b>	<b>0.82%</b>
<b>4220 · CONTRACT LABOR - FISHERIES</b>												
4221 · Meters & Valves	0.00	3,000.00	-3,000.00	0.0%	0.00				0.00	3,000.00	-3,000.00	0.0%
4222 · Fish Projects Maintenance	0.00	16,100.00	-16,100.00	0.0%	0.00				0.00	16,100.00	-16,100.00	0.0%

**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures (Unaudited)**  
 Budget vs. Actuals July 2021 - June 2022

	Fisheries				Operations				TOTAL			
	Jul 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul 21	Budget	\$ Over / (Under) Budget	% of Budget
Total 4220 · CONTRACT LABOR - FISHERIES	0.00	19,100.00	-19,100.00	0.0%	0.00				0.00	19,100.00	-19,100.00	0.0%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	440.18	7,000.00	-6,559.82	6.29%	0.00				440.18	7,000.00	-6,559.82	6.29%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	440.18	7,000.00	-6,559.82	6.29%	0.00				440.18	7,000.00	-6,559.82	6.29%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	0.00	3,500.00	-3,500.00	0.0%	0.00				0.00	3,500.00	-3,500.00	0.0%
Total 4500 · OTHER EXPENSES - FISHERIES	0.00	3,500.00	-3,500.00	0.0%	0.00				0.00	3,500.00	-3,500.00	0.0%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				375.70	12,400.00	-12,024.30	3.03%	375.70	12,400.00	-12,024.30	3.03%
5001 · Director Mileage	0.00				0.00	600.00	-600.00	0.0%	0.00	600.00	-600.00	0.0%
5100 · Legal	0.00				0.00	75,000.00	-75,000.00	0.0%	0.00	75,000.00	-75,000.00	0.0%
5101 · Audit	0.00				0.00	22,750.00	-22,750.00	0.0%	0.00	22,750.00	-22,750.00	0.0%
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				4,187.71	33,326.00	-29,138.29	12.57%	4,187.71	33,326.00	-29,138.29	12.57%
5310 · Postage/Office Exp	0.00				135.74	6,000.00	-5,864.26	2.26%	135.74	6,000.00	-5,864.26	2.26%
5311 · Office Equip/Leases	0.00				297.95	13,440.00	-13,142.05	2.22%	297.95	13,440.00	-13,142.05	2.22%
5312 · Misc Admin Expenses	0.00				533.86	14,000.00	-13,466.14	3.81%	533.86	14,000.00	-13,466.14	3.81%
5313 · Communications	0.00				1,353.32	6,500.00	-5,146.68	20.82%	1,353.32	6,500.00	-5,146.68	20.82%
5314 · Utilities	0.00				811.60	9,737.00	-8,925.40	8.34%	811.60	9,737.00	-8,925.40	8.34%
5315 · Membership Dues	0.00				142.35	9,700.00	-9,557.65	1.47%	142.35	9,700.00	-9,557.65	1.47%
5316 · Admin Fixed Assets	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
5318 · Computer Consultant	0.00				0.00	16,500.00	-16,500.00	0.0%	0.00	16,500.00	-16,500.00	0.0%
5325 · Emp Training/Subscriptions	0.00				164.53	2,000.00	-1,835.47	8.23%	164.53	2,000.00	-1,835.47	8.23%
5330 · Admin Travel/Conferences	0.00				0.00	2,000.00	-2,000.00	0.0%	0.00	2,000.00	-2,000.00	0.0%
5331 · Public Information	0.00				195.00	3,500.00	-3,305.00	5.57%	195.00	3,500.00	-3,305.00	5.57%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				8,197.76	237,453.00	-229,255.24	3.45%	8,197.76	237,453.00	-229,255.24	3.45%
5299 · ADMIN LABOR	0.00				59,549.63	620,531.00	-560,981.37	9.6%	59,549.63	620,531.00	-560,981.37	9.6%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	0.00	25,000.00	-25,000.00	0.0%	0.00				0.00	25,000.00	-25,000.00	0.0%
5410 · Postage / Office Supplies	78.46	4,000.00	-3,921.54	1.96%	0.00				78.46	4,000.00	-3,921.54	1.96%
5411 · Office Equipment / Leases	160.44	8,533.00	-8,372.56	1.88%	0.00				160.44	8,533.00	-8,372.56	1.88%
5412 · Misc. Admin Expense	449.41	7,500.00	-7,050.59	5.99%	0.00				449.41	7,500.00	-7,050.59	5.99%
5413 · Communications	728.72	4,455.00	-3,726.28	16.36%	0.00				728.72	4,455.00	-3,726.28	16.36%
5414 · Utilities	437.02	5,243.00	-4,805.98	8.34%	0.00				437.02	5,243.00	-4,805.98	8.34%
5415 · Membership Dues	76.65	6,200.00	-6,123.35	1.24%	0.00				76.65	6,200.00	-6,123.35	1.24%
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	0.00	9,000.00	-9,000.00	0.0%	0.00				0.00	9,000.00	-9,000.00	0.0%
5425 · Employee Education/Subscription	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
5426 · Director Fees	202.30	6,700.00	-6,497.70	3.02%	0.00				202.30	6,700.00	-6,497.70	3.02%
5427 · Director Mileage	0.00	300.00	-300.00	0.0%	0.00				0.00	300.00	-300.00	0.0%
5430 · Travel	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
5431 · Public Information	105.00	1,500.00	-1,395.00	7.0%	0.00				105.00	1,500.00	-1,395.00	7.0%
5441 · Audit	0.00	12,250.00	-12,250.00	0.0%	0.00				0.00	12,250.00	-12,250.00	0.0%
5443 · Liab & Property Ins	2,254.92	17,745.00	-15,490.08	12.71%	0.00				2,254.92	17,745.00	-15,490.08	12.71%
Total 5400 · GENERAL & ADMIN - FISHERIES	4,492.92	116,426.00	-111,933.08	3.86%	0.00				4,492.92	116,426.00	-111,933.08	3.86%
5499 · ADMIN LABOR-FISHERIES	20,151.72	258,029.00	-237,877.28	7.81%	0.00				20,151.72	258,029.00	-237,877.28	7.81%
5510 · Integrated Reg. Water Mgt Plan	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%



**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures (Unaudited)**  
 Budget vs. Actuals July 2021 - June 2022

	Fisheries				Operations				TOTAL			
	Jul 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul 21	Budget	\$ Over / (Under) Budget	% of Budget
<b>6000 · INFRASTRUCTURE IMPROVEMENT PROJECTS (IIP)</b>												
6062 · SCADA	0.00				5,461.56	150,000.00	-144,538.44	3.64%	5,461.56	150,000.00	-144,538.44	3.64%
6090 · COMB Office Building	0.00				12,299.51	216,000.00	-203,700.49	5.69%	12,299.51	216,000.00	-203,700.49	5.69%
6096 · SCC Structure Rehabilitation	0.00				0.00	390,000.00	-390,000.00	0.0%	0.00	390,000.00	-390,000.00	0.0%
6120 · Lake Cachuma Secured Pipeline	0.00				2,310.00	352,000.00	-349,690.00	0.66%	2,310.00	352,000.00	-349,690.00	0.66%
6136 · SCC Isolation Valve Evaluation	0.00				0.00	400,000.00	-400,000.00	0.0%	0.00	400,000.00	-400,000.00	0.0%
<b>Total 6000 · INFRASTRUCTURE IMPROVEMENT PROJECTS (IIP)</b>	<b>0.00</b>				<b>20,071.07</b>	<b>1,508,000.00</b>	<b>-1,487,928.93</b>	<b>1.33%</b>	<b>20,071.07</b>	<b>1,508,000.00</b>	<b>-1,487,928.93</b>	<b>1.33%</b>
<b>5999 - SPECIAL PROJECTS</b>												
6097 · GIS and Mapping	0.00				0.00	10,000.00	-10,000.00	0.0%	0.00	10,000.00	-10,000.00	0.0%
6100 · Watershed Sanitary Survey	0.00				0.00	12,050.00	-12,050.00	0.0%	0.00	12,050.00	-12,050.00	0.0%
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%
6138 · Cachuma Watershed Mgmt Study	0.00				1,842.93	50,000.00	-48,157.07	3.69%	1,842.93	50,000.00	-48,157.07	3.69%
<b>Total 5999 - SPECIAL PROJECTS</b>	<b>0.00</b>				<b>1,842.93</b>	<b>92,050.00</b>	<b>-90,207.07</b>	<b>2.0%</b>	<b>1,842.93</b>	<b>92,050.00</b>	<b>-90,207.07</b>	<b>2.0%</b>
<b>6200 · FISHERIES ACTIVITIES</b>												
6201 · FMP Implementation	0.00	35,000.00	-35,000.00	0.0%	0.00				0.00	35,000.00	-35,000.00	0.0%
6202 · GIS and Mapping	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
6205 · USGS Stream Gauge Program	0.00	105,000.00	-105,000.00	0.0%	0.00				0.00	105,000.00	-105,000.00	0.0%
6207 · Oak Tree Restoration Program	0.00	25,000.00	-25,000.00	0.0%	0.00				0.00	25,000.00	-25,000.00	0.0%
<b>Total 6200 · FISHERIES ACTIVITIES</b>	<b>0.00</b>	<b>175,000.00</b>	<b>-175,000.00</b>	<b>0.0%</b>	<b>0.00</b>				<b>0.00</b>	<b>175,000.00</b>	<b>-175,000.00</b>	<b>0.0%</b>
<b>6300 · HABITAT ENHANCEMENT</b>												
6303 · Tributary Projects Support	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
<b>Total 6300 · HABITAT ENHANCEMENT</b>	<b>0.00</b>	<b>10,000.00</b>	<b>-10,000.00</b>	<b>0.0%</b>	<b>0.00</b>				<b>0.00</b>	<b>10,000.00</b>	<b>-10,000.00</b>	<b>0.0%</b>
7007 · INTEREST EXPENSE-EPPF	0.00				115.47	0.00	115.47	100.0%	115.47	0.00	115.47	100.0%
<b>Total Expense</b>	<b>81,042.75</b>	<b>1,427,013.00</b>	<b>-1,345,970.25</b>	<b>5.68%</b>	<b>178,142.50</b>	<b>3,865,221.00</b>	<b>-3,687,193.97</b>	<b>4.61%</b>	<b>259,185.25</b>	<b>5,292,234.00</b>	<b>5,033,048.75</b>	<b>4.94%</b>
<b>Net Income</b>	<b>268,721.25</b>	<b>0.00</b>	<b>268,721.25</b>	<b>100.0%</b>	<b>782,325.06</b>	<b>0.00</b>	<b>782,325.06</b>	<b>100.0%</b>	<b>1,051,046.31</b>	<b>0.00</b>	<b>1,051,046.31</b>	<b>100.0%</b>

**THIS PAGE INTENTIONALLY LEFT BLANK**

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	August 23, 2021
Submitted by:	Janet Gingras

---

**SUBJECT:** Investment Report – July 31, 2021

---

### **RECOMMENDATION**

The Board of Directors receive and file the Cachuma Operation & Maintenance Board Investment Report as of July 31, 2021.

### **DISCUSSION**

Cash and investment programs are maintained in accordance with California Government Code Section 53600 et seq. and COMB's adopted investment policy. These policies ensure proper control and safeguards are maintained throughout the financial transaction process. Pursuant to State law, the COMB Board adopts a detailed investment policy through a Board resolution on an annual basis.

Reports on COMB's investment portfolio and cash position are developed and presented to the COMB Board on a monthly basis, in conformity with the California Government Code.

#### Unrestricted Cash

Unrestricted cash exceeding current operating needs is invested in LAIF to generate interest income. The average effective yield rate, as of July 2021, is reported at 0.221%.

See Table 1 below for a summary of balances held in unrestricted accounts.

Table 1			
<b>Unrestricted Reserve Funds</b>			
Local Agency Investment Fund (LAIF)			
Previous Balance	6/30/2021	\$	1,592,779.14
(+) Deposits/Credits			1,300.43
(-) Checks/Withdrawals			(400,000.00)
Statement Balance	7/31/2021	\$	1,194,079.57

#### Restricted Cash

The Cachuma Project Warren Act Trust Fund (Trust Fund) and Cachuma Project Master Contract Renewal Fund (Renewal Fund) are two separate funds that have been established through contracts with the U.S. Bureau of Reclamation (Reclamation). The Trust Fund and the Renewal Fund require annual and five-year plans which are used to inform the Funds Committee in making decisions on expenditures for betterment of the Cachuma Project.

See Table 2 below for a summary of balances held in restricted accounts.

Table 2			
Restricted Reserve Funds			
American Riviera Bank Renewal Account			
Previous Balance	6/30/2021	\$	15,031.82
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	7/31/2021	\$	15,031.82
American Riviera Bank Warren Act Trust Fund			
Previous Balance	6/30/2021	\$	80,630.72
(+) Deposits/Credits			7,224.00
(-) Checks/Withdrawals			-
Statement Balance	7/31/2021	\$	87,854.72

**STATEMENT**

The above statement of investment activity for the month of July 2021, 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 and LAIF investments of this agency for the period indicated.

  
 \_\_\_\_\_  
 Secretary

## Cachuma Operation &amp; Maintenance Board

## Paid Claims

As of July 31, 2021

Date	Num	Name	Memo	Amount
<b>1050 - General Fund</b>				
07/01/2021	28623	ACWA/Joint Powers Insurance Authority	Excess Crime Bond 7/1/21-6/30/22	-900.00
07/01/2021	28624	Association of Ca Water Agencies/JPIA	July Health Benefits Premium	-30,814.53
07/01/2021	28625	City of Santa-Barbara	Trash / Recycling June 2021	-304.75
07/01/2021	28626	ECHO Communications	Message Service July 2021	-74.00
07/01/2021	28627	Frontier Communications	Phone Service - North Portal	-63.66
07/01/2021	28628	Musick, Peeler & Garrett LLP	General Counsel May 2021 (Ops & Fisheries)	-5,819.00
07/01/2021	28629	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance June 2021	-480.00
07/07/2021	28630	ACWA-Joint Powers Insurance Authority	Workers Compensation Program 4/1/2021 - 6/30/2021	-11,594.28
07/07/2021	28631	ACWA/Joint Powers Insurance Authority	Property Program 7/1/21-6/30/22 Deposit Premium	-4,906.10
07/07/2021	28632	Association of Ca Water Agencies/JPIA	June Health Benefits Premium Reissue	-30,783.05
07/07/2021	28633	AT&T	Long Distance 4/28-05/27/21	-38.29
07/07/2021	28634	Cori Hayman	Director Meeting Fees June 2021	-300.00
07/07/2021	28635	Cox Communications Santa Barbara	Business Internet July 2021	-155.41
07/07/2021	28636	Culligan of Sylmar	RO Rental July 2021	-30.85
07/07/2021	28637	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality Sampling	-1,000.00
07/07/2021	28638	Famcon Pipe & Supply	South Coast Conduit Materials (Ops)	-9,191.01
07/07/2021	28639	Frontier Communications	Phone Service - Alarm, Fax, Modem, Board Room	-154.87
07/07/2021	28640	Grainger	Supplies (Ops)	-151.59
07/07/2021	28641	Harrison Hardware	Oak Tree Restoration Program Supplies (Fisheries)	-37.69
07/07/2021	28642	Home Depot Credit Services	Supplies (Ops & Fisheries)	-591.22
07/07/2021	28643	Kristen Sneddon	Director Meeting Fees June 2021	-300.00
07/07/2021	28644	Lauren W. Hanson	Director Meeting Fees June 2021	-300.00
07/07/2021	28645	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 6/11/21 & 6/25/21	-193.00
07/07/2021	28646	Polly Holcombe	Director Meeting Fees June 2021	-256.00
07/07/2021	28647	Quinn Company	Annual North Portal Generator Load Test	-1,915.78
07/07/2021	28648	SHRM	SHRM Membership 10/1/2021-9/30/2022	-219.00
07/07/2021	28649	Sun Coast Rentals	Equipment Rental (Ops)	-365.00
07/07/2021	28650	Turenchalk Network Services, Inc.	Network Equipment (Ops & Fisheries)	-429.92
07/07/2021	28651	Turenchalk Network Services, Inc.	Server Drive Replacement	-622.84
07/07/2021	28652	Turenchalk Network Services, Inc.	Network Support Billing 6/01/20-6/30/21	-3,666.15
07/07/2021	28653	West Coast Air Conditioning	Air Conditioning Wall Unit Repair	-180.00
07/07/2021	28654	Wright Express Fleet Services	Fleet Fuel June 2021	-1,862.73
07/12/2021	28655	Bend Genetics, LLC	Lake Cachuma Water Quality Sampling	-80.00
07/12/2021	28656	Coastal Copy, LP	Copier Maintenance - Kyocera Taskalfa 3253ci & 6052ci	-277.49
07/12/2021	28657	Federal Express	Shipping (Fisheries)	-70.80
07/12/2021	28658	Geosyntec Consultants	2021 Watershed Sanitary Survey - Professional Services	-14,272.15
07/12/2021	28659	Impulse Advanced Communications	Phone Service - Main Office	-1,043.42
07/12/2021	28660	Southern California Edison	Electricity - Outlying Stations (Ops)	-28.91
07/12/2021	28661	Sparkletts	Operations Safety	-64.85
07/12/2021	28662	Verizon Wireless	Operations Cell Phones, iPads, SCADA, Modems	-774.19
07/12/2021	28663	YSI Inc./Xylem	Conductivity Temperature Sensor (Ops)	-1,842.93
07/19/2021	28664	Advanced Cable Systems	COMB Trailer Replacement - Materials & Labor	-2,002.08
07/19/2021	28665	American Riviera Bank - Card Service	Brush Mower, Website Costs, Electric Vehicle Reservation, GFOA Fee, Moving and Office Supplies	-5,806.41
07/19/2021	28666	Aspect Engineering Group	SCADA Upgrade - Upgrade PLC 4 & 8	-5,329.69
07/19/2021	28667	County of Santa Barbara	Waste Dumping Fee (Ops)	-108.32
07/19/2021	28668	Cushman Contracting Corp.	EPFP Pumping System - Pay Req #87	-3,500.00
07/19/2021	28669	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality Sampling	-1,000.00
07/19/2021	28670	Federal Express	Shipping (Ops)	-252.78
07/19/2021	28671	Graybar Electric Company, Inc.	Electrical Supplies (Ops)	-555.07
07/19/2021	28672	Premiere Global Services	Conference Calls June 2021	-26.62
07/19/2021	28673	United States Geological Survey	USGS Quarterly Joint Funding Agreement 4/01/21-06/30/21	-21,910.00
07/23/2021	28674	Advanced Cable Systems	COMB Trailer Replacement - Materials & Labor	-2,785.23
07/23/2021	28675	Aspect Engineering Group	SCADA Upgrade - Upgrade PLC 6	-376.38
07/23/2021	28676	Association of Ca Water Agencies/JPIA	August Health Benefits Premium	-30,814.53
07/23/2021	28677	Bedrock Building Supplies	Road Base - Lauro Yard (Ops)	-323.21
07/23/2021	28678	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality Sampling	-1,020.00
07/23/2021	28679	FedEx Freight	Freight Shipping (Ops)	-552.67
07/23/2021	28680	Graybar Electric Company, Inc.	Supplies (Ops)	-16.14
07/23/2021	28681	Harrison Hardware	Oak Tree Restoration Program Supplies (Fisheries)	-37.44
07/23/2021	28682	MarBorg Industries	Portable Facilities - Outlying Stations (Ops)	-387.92
07/23/2021	28683	Musick, Peeler & Garrett LLP	General Counsel June 2021 (Ops & Fisheries)	-3,772.00
07/23/2021	28684	PG&E	Electricity - North Portal & Tecolote Tunnel	-391.39
07/23/2021	28685	SB Home Improvement Center	Supplies (Fisheries)	-144.75
07/23/2021	28686	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 6052ci	-276.23
07/26/2021	072621A	American Riviera Bank (ARB)	EPFP Loan Payment 1 of 2 FINAL	-28,852.10
07/26/2021	072621B	American Riviera Bank (ARB)	EPFP Loan Payment 2 of 2 FINAL	-9,886.72
07/29/2021	28687	ACWA/Joint Powers Insurance Authority	Property Program 7/1/21-6/30/22 Deposit Premium	-636.53
07/29/2021	28688	Aqua-Flo Supply	Supplies (Ops)	-238.01
07/29/2021	28689	Cori Hayman	Director Meeting Fees July 2021	-150.00
07/29/2021	28690	Crocker Refrigeration Heating & Air	Refrigerant Removal	-633.64
07/29/2021	28691	ECHO Communications	Message Service August 2021	-71.00
07/29/2021	28692	Farwest Corrosion Control Co.	Annual Cathodic Protection Survey	-3,090.00
07/29/2021	28693	Grainger	Supplies (Ops)	-427.90

Cachuma Operation & Maintenance Board

**Paid Claims**

As of July 31, 2021

Date	Num	Name	Memo	Amount
07/29/2021	28694	Graybar Electric Company, Inc.	Supplies (Ops)	-57.06
07/29/2021	28695	J&C Services	Office Cleaning Service - Weekly 6/18-7/09/21	-680.00
07/29/2021	28696	Kristen Sneddon	Director Meeting Fees July 2021	-150.00
07/29/2021	28697	Lauren W. Hanson	Director Meeting Fees July 2021	-150.00
07/29/2021	28698	O'Reilly Automotive, Inc.	Backhoe Battery (Ops)	-123.86
07/29/2021	28699	Pacific Coast Jiffy Lube	2015 Chevy Silverado - Oil and Filter Change (Ops)	-146.46
07/29/2021	28700	Polly Holcombe	Director Meeting Fees July 2021	-128.00
07/29/2021	28701	Sansum Clinic-Occupational Medicine	Pre-Employment Physical (Fisheries)	-269.00
07/29/2021	28702	Smith MEP	COMB Trailer Replacement - Materials & Labor	-6,000.00
07/29/2021	28703	Staples Business Credit	Office Supplies (Ops & Fisheries)	-233.53
07/29/2021	28704	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 3253ci	-123.98
Total 1050 - General Fund				-257,592.11
<b>TOTAL</b>				<b><u>-257,592.11</u></b>

Approved for Payment

Director \_\_\_\_\_

Director \_\_\_\_\_

Director \_\_\_\_\_

# CACHUMA OPERATION & MAINTENANCE BOARD

## Administrative Committee Meeting

---

Tuesday, August 17, 2021

1:00 P.M.

### AGENDA

Chair: Director Holcombe

Member: Director Hanson

1. Call to Order
2. Public Comment (*Public may address the Committee on any subject matter within the Committee's jurisdiction*)
3. Financial Review – 4<sup>th</sup> Quarter Fiscal Year 2020-21 (*for information*)
4. Personnel Policy and Employee Handbook Update (*for information and consideration*)
5. Adjournment

#### NOTICE TO THE PUBLIC

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

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

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## Operations Committee Meeting

---

**Thursday, August 19, 2021**

**11:30 A.M.**

### AGENDA

*Chair: Director Sneddon*  
*Member: Director Holcombe*  
*Alternate: Director Hanson*

1. Call to Order
2. Public Comment (*Public may address the Committee on any subject matter not on the agenda and within the Committee's jurisdiction*)
3. Purchase of Gate Valve (*for information and possible recommendation*)
4. Adjournment

#### NOTICE TO THE PUBLIC

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

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

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



# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	08/23/2021
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

**SUBJECT:** Financial Review – 4th Quarter Fiscal Year 2020-21

**RECOMMENDATION:**

The Board of Directors receive a presentation on the 4<sup>th</sup> Quarter Fiscal Year 2020-21 Financial Review and receive and file.

**DISCUSSION:**

The Board of Directors approves the Cachuma Operation and Maintenance Board (COMB) Budget each fiscal year. Unaudited financial statements are received and filed by the Board on a monthly basis. Staff provides, on a quarterly basis, a fiscal year-to-date financial review of the unaudited interim financial reports to the Board of Directors, comparing actual expenditures to the Budget.

Starting with FY 2020-21, COMB modified the collection of quarterly assessments based on project implementation and projected cash outflows, as follows:

**Table 1**  
**COMB Quarterly Budget Assessments FY 2020 - 21**

Q1	Q2	Q3	Q4	Total
\$ 1,063,653	\$ 1,024,814	\$ 1,588,112	\$ 1,131,862	\$ 4,808,442
22%	21%	33%	24%	100%

**FISCAL ANALYSIS:**

**Revenues Collected**

- COMB assessed and collected \$431.9K in quarterly O&M Budget Assessments for the period April – June 2021. The 4th quarter O&M Budget assessment reflected a \$700K credit adjustment due to a shift in schedule for completing certain infrastructure improvement projects previously planned in the lower reach of the system.
- COMB collected \$115.8K in quarterly EPFP Loan Assessments related to loan repayments made on behalf of Goleta Water District and Montecito Water District.
- COMB collected \$33.7K from the Warren Act Trust Fund / Renewal Fund for Fisheries and Oak Tree Program related expenses incurred for the period January - June 2021.
- COMB received a \$19.9K premium adjustment refund from the ACWA/JPIA Liability, Property and Worker’s Compensation Program due to continued low paid claims history.

- COMB collected \$15k from a non-member agency as reimbursement for 2000 BiOp and Oak Tree Mitigation activities performed during April - June 2021.
- COMB earned \$2K in interest income for funds held with LAIF.

### **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, temporary/contract labor, 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 for FY 2021-21 totaled \$280.7K (81.3%). In FY 2020-21, COMB received a premium refund of \$19.9K as reported in the previous section, which resulted in a decrease in general liability and property insurance expense.
- General and Administrative Labor includes salaries, employer-paid payroll taxes, health insurance and retirement benefit costs for the COMB General Manager and Administrative staff. General and Administrative Labor expenses of \$784.2K (92.3%) were within budget.

### **Operations Division**

- Operation and Maintenance Labor includes salaries, employer-paid payroll taxes, health insurance and retirement benefit costs. Annual personnel costs of \$800.8K (79.3%) were lower than budget due to staff vacancies.
- Vehicles & Equipment includes funds for the purchase of fixed capital, equipment rental, vehicle and equipment maintenance, and fuel costs. Actual costs of \$44.9K (55.9%) were lower than budget primarily due to lower than projected fixed capital equipment costs.
- Contract Labor contains funds for outside services and labor that cannot be supported by COMB staff such as water quality sampling, elevator maintenance or repair, tree trimming and removal services, heavy equipment and operators' labor costs for various small projects including meter calibration and meter repair. Annual costs of \$87.5K (67.3%) were lower than budget. Projects and staff assignments are reviewed closely by the COMB General Manager and Operations Division Manager to control costs in this category.
- Materials and Supplies covers costs related to the operation and maintenance of the conduit, reservoirs, and outlying buildings and roads. Actual costs of \$72.6K (93.6%) were within budget. Notable expenses during the 4<sup>th</sup> quarter included the replenishment of various conduit and structure supplies \$9.2K and the purchase of a turbidity probe \$6K to be used for water quality testing.
- 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 \$43.1K (93.6%) were within budget.
- Special Projects - Board policy requires that all infrastructure improvement projects be approved through Committee and by the Board prior to commencement. Actual costs for the fiscal year were \$815.9K. This amount is attributed to the following projects: South Coast Conduit (SCC) Rehabilitation Project (\$258.1K), the COMB Office Building (\$242.5k), SCADA (\$126.9K), Lake Cachuma Secured Pipeline (\$111.4K), Lake Cachuma Watershed Sanitary Project (\$36.2K), Lake Cachuma Watershed and Sediment Management Study (\$15.4k), and SCC Lower Reach Lateral Structure Repair (\$10.8K). The timing and ranking of projects are dependent on factors such as: (1) water supply reliability, (2) risk, (3) critical need/life cycle of asset, (4) safety, and (5) service disruption necessary to accomplish project.
- **The total Operations Division expenses of \$2.6M (69.0%) for FY 2020-21 were within budget.**
- **The Operations Division expenses by quarter for FY 2020-21 are reflected in Table 2:**

**Table 2**  
Operations Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Actual Apr-Jun	Annual Actual	Annual Budget	Over / (Under) Budget (\$)	% of Budget
Revenue								
Revenue	\$ 781,911	\$ 886,026	\$ 1,326,909	\$ 101,055	\$ 3,095,901	\$ 3,806,921	\$ (711,020)	81.3%
Expense								
General and Admin Expenses	57,605	49,232	60,169	36,334	203,340	230,713	(27,373)	88.1%
General and Admin Labor	143,522	142,808	136,623	135,849	558,803	602,068	(43,265)	92.8%
O&M Labor	191,708	200,006	194,005	215,045	800,763	1,010,140	(209,377)	79.3%
O&M Vehicle & Equip	6,564	5,881	13,207	19,243	44,895	75,000	(30,105)	59.9%
O&M Contract Labor	15,518	14,740	38,510	18,699	87,468	130,000	(42,532)	67.3%
O&M Material and Supplies	6,826	11,691	17,642	36,400	72,559	78,000	(5,441)	93.0%
O&M Other Expenses	8,006	9,948	9,911	15,190	43,056	46,000	(2,944)	93.6%
O&M Special Projects	174,551	99,387	378,405	163,551	815,895	1,635,000	(819,105)	49.9%
Total Expense	\$ 604,301	\$ 533,694	\$ 848,473	\$ 640,312	\$ 2,626,779	\$ 3,806,921	\$ (1,180,142)	69.0%
Net Surplus / (Deficit)	\$ 177,611	\$ 352,332	\$ 478,437	\$ (539,257)	\$ 469,123	\$ -	\$ 469,123	

Notes:

Results are unaudited and subject to change.

The 4th quarter O&M Budget assessment reflected a \$700K credit adjustment due to a shift in schedule for completing certain infrastructure improvement projects previously planned in the lower reach of the system.

**Fisheries Division**

- Fisheries Division Labor includes salaries, employer-paid payroll taxes, health insurance and retirement benefit costs for the Fisheries Division Manager, two Senior Field Biologists, a Biologist Aide position, and four part-time seasonal positions. Annual personnel costs of \$704K (96.5%) were within budget.
- Vehicles & Equipment includes funds for the purchase of fixed capital, equipment rental, vehicle and equipment maintenance, and fuel costs. Annual costs of \$23.1K (48.6%) were lower than budget due to lower than projected vehicle maintenance costs and fixed capital purchases.
- 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. Actual costs of \$9.6K (41.8%) were lower than budget. Projected consultant services are reviewed by the COMB General Manager and Fisheries Division Manager to control costs in this category.
- Materials and Supplies includes costs for the purchase of items needed for the Fisheries Monitoring Program specifically for migration, spawning and over-summering, constructing and repairing fish migration traps and the equipment necessary to conduct snorkel and redds surveys. Actual costs of \$5.8K (82.5%) were within budget.
- Other Expenses includes funds to pay for uniforms and gear for the fisheries division employees. Actual costs of \$3.3K (95.2%) were within budget.
- Fisheries Division Activities includes funding for special activities related to ongoing Cachuma Project Biological Opinion (BiOp) compliance efforts, the implementation of the Lower Santa Ynez River Fisheries Monitoring Program (FMP), GIS mapping, USGS Stream Gauge Program and the Oak Tree Restoration Program. The use of external consultants and the timing of expenditures can vary year-to-year based on specific program needs or as particular stream or habitat issues arise. Actual costs of \$145.7K (83.3%) were within budget.
- Fisheries Habitat Improvement - Board policy requires that all habitat improvement projects be approved through Committee and by the Board prior to commencement. Costs of \$36.8K were related mainly to the South Side Erosion Control and Reforestation Project at Quiota Creek

Crossing 8 project. COMB received grant reimbursement of approximately \$43.3K from the National Fish and Wildlife Foundation to offset contract costs and staff labor for this project.

- **The total Fisheries Division expenses of \$1.2M (90.7%) for FY 2020-21 were within budget.**
- **The Fisheries Division expenses by quarter for FY 2020-21 are reflected in Table 3:**

**Table 3**  
Fisheries Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Actual Apr-Jun	Annual Actual	Annual Budget	Over/(Under) Budget (\$)	% of Budget
Revenue								
Revenue	\$ 296,742	\$ 362,607	\$ 409,021	\$ 381,733	\$ 1,450,104	\$ 1,357,600	\$ 92,504	106.8%
Expense								
General and Admin Expenses	29,218	19,464	18,104	10,548	77,334	114,411	(37,077)	67.6%
General and Admin Labor	51,923	59,215	53,730	60,502	225,371	247,776	(22,405)	91.0%
Fisheries Labor	164,796	180,149	170,458	188,601	704,004	729,413	(25,409)	96.5%
Fisheries Vehicle & Equip	6,894	3,876	7,975	4,341	23,085	47,500	(24,415)	48.6%
Fisheries Contract Labor	1,247	5,324	1,277	1,764	9,613	23,000	(13,387)	41.8%
Fisheries Material and Supplies	239	549	826	4,159	5,774	7,000	(1,226)	82.5%
Fisheries Other Expenses	310	469	1,290	1,265	3,334	3,500	(166)	95.2%
Fisheries Activities	21,809	9,015	53,124	61,759	145,706	175,000	(29,294)	83.3%
Fisheries Habitat Enhancement	31,769	4,482	526	-	36,778	10,000	26,778	367.8%
Total Expense	\$ 308,206	\$ 282,543	\$ 307,310	\$ 332,939	\$ 1,230,998	\$ 1,357,600	\$ (126,602)	90.7%
Net Surplus / (Deficit)	\$ (11,464)	\$ 80,064	\$ 101,712	\$ 48,794	\$ 219,106	\$ -	\$ 219,106	

Note: Results are unaudited and subject to change.

### **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 (SWP) 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.

COMB collected \$62.8K of Warren Act Trust Fund payments from CCWA for SWP deliveries that occurred in calendar year 2019. These funds were reviewed and approved during the annual Cachuma Project Warren Act Trust Fund / Renewal Fund meeting in September 2020 for use in FY 2020-21.

COMB collected \$43K of Warren Act Trust Fund payments from CCWA for SWP deliveries that occurred in calendar year 2020. These funds were reviewed and approved at the annual Cachuma Project Warren Act Trust Fund / Renewal Fund meeting in June 2021 for use in FY 2021-22.

- **Renewal Funds (Restricted Fund)** - The Renewal Fund is a requirement of the 1995 Renewal Master Contract (Contract No. I75r-1802R between the United States and Santa Barbara County Water Agency) entered into for water conveyance from the Cachuma Project to the five Cachuma Project Member Units. The Member Units are the Carpinteria Valley Water District, the Goleta Water District, the Montecito Water District, the City of Santa Barbara, 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 that bears a ratio to \$257,100, which is inverse to the ratio that the aggregate amount paid into the Warren Act Trust Fund during the immediately preceding Calendar Year bears to \$300,000.

For calendar year 2019, total SWP deliveries into the lake were 1,460 AF, which converts to \$62,780 of Warren Act Trust Fund revenue available for FY 2020-21. Therefore, the amount required to be deposited into the Renewal Fund by the Cachuma Member Units is projected to be \$203,298 based on based on the following calculation:

<b>Given:</b>	WATF = \$62,780
	AOY = Annual Operation Yield of 25,714 x \$10 = \$257,100
	RFC = Renewal Fund Calculation = $[1 - (WATF / \$300,000)] \times AOY$
<b>Then:</b>	RFC = $[1 - (\$62,780 / \$300,000)] \times \$257,100$
	RFC = \$203,298

COMB collected this amount during the second quarter of FY 2020-21.

For WY 2021-22, COMB calculated the amount to be deposited into the Renewal Fund by the Cachuma Project Member Units to be \$220,175 based on actual deliveries for 2020.

- **EPFP Bank Loan Obligation** – During fiscal year ending 2015, COMB contracted for the construction of the Emergency Pumping Facilities Project (EPFP) to provide continued delivery of water from Lake Cachuma to the COMB 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 Coast Member Agencies agreed to finance their proportionate share through a commercial financing arrangement with the Bank of Santa Barbara, which merged with American Riviera Bank during 2016.

The Districts participating in the financing arrangement were 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-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 June 30, 2021, the total combined principal outstanding for the EPFP loan obligation is approximately \$36.6K.

- **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 2021-22 is \$261,647. COMB assesses the Cachuma Project Member Units in accordance with their respective 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 2021-22 is \$47,404. COMB assesses the COMB Member Agencies (only) in accordance with each Member Agencies' pro-rata Cachuma Project entitlement percentages.

**COMMITTEE STATUS:**

The Administrative Committee received a presentation on the 4<sup>th</sup> Quarter Fiscal Year 2020-21 Financial Review and forwards to the Board of Directors with a recommendation to receive and file.

**LIST OF EXHIBITS:**

- 1) Fiscal Year 2020-21 Statement of Revenue and Expenditures
- 2) Quarterly Financial Review Presentation

**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures - Unaudited**  
**Budget vs. Actuals**

	Fisheries				Operations				TOTAL			
	Jul-Jun 21	Annual Budget	\$ Over / (Under) Budget	% of Budget	Jul-Jun 21	Annual Budget	\$ Over / (Under) Budget	% of Budget	Jul-Jun 21	Budget	\$ Over / (Under) Budget	% of Budget
	<b>Revenue</b>											
Revenue	\$ 1,450,104.08	\$ 1,357,600.00	\$ 92,504.08	106.8%	\$ 3,095,901.15	\$ 3,806,921.00	\$ (711,019.85)	81.3%	\$ 4,546,005.23	\$ 5,164,521.00	\$ (618,515.77)	88.0%
<b>Total Revenue</b>	<b>1,450,104.08</b>	<b>1,357,600.00</b>	<b>92,504.08</b>	<b>106.8%</b>	<b>3,095,901.15</b>	<b>3,806,921.00</b>	<b>(711,019.85)</b>	<b>81.3%</b>	<b>4,546,005.23</b>	<b>5,164,521.00</b>	<b>(618,515.77)</b>	<b>88.0%</b>
<b>Expense</b>												
General and Admin Expenses	77,334.04	114,411.00	(37,076.96)	67.6%	203,340.16	230,713.00	(27,372.84)	88.1%	280,674.20	345,124.00	(64,449.80)	81.3%
General and Admin Labor	225,370.63	247,776.00	(22,405.37)	91.0%	558,802.59	602,068.00	(43,265.41)	92.8%	784,173.22	849,844.00	(65,670.78)	92.3%
O&M Labor	-	-	-	-	800,763.39	1,010,140.00	(209,376.61)	79.3%	800,763.39	1,010,140.00	(209,376.61)	79.3%
O&M Vehicle & Equip	-	-	-	-	44,894.67	75,000.00	(30,105.33)	59.9%	44,894.67	75,000.00	(30,105.33)	59.9%
O&M Contract Labor	-	-	-	-	87,468.03	130,000.00	(42,531.97)	67.3%	87,468.03	130,000.00	(42,531.97)	67.3%
O&M Material and Supplies	-	-	-	-	72,559.31	78,000.00	(5,440.69)	93.0%	72,559.31	78,000.00	(5,440.69)	93.0%
O&M Other Expenses	-	-	-	-	43,055.61	46,000.00	(2,944.39)	93.6%	43,055.61	46,000.00	(2,944.39)	93.6%
O&M Special Projects	-	-	-	-	815,894.75	1,635,000.00	(819,105.25)	49.9%	815,894.75	1,635,000.00	(819,105.25)	49.9%
Fisheries Labor	704,003.69	729,413.00	(25,409.31)	96.5%	-	-	-	-	704,003.69	729,413.00	(25,409.31)	96.5%
Fisheries Vehicle & Equip	23,085.44	47,500.00	(24,414.56)	48.6%	-	-	-	-	23,085.44	47,500.00	(24,414.56)	48.6%
Fisheries Contract Labor	9,613.01	23,000.00	(13,386.99)	41.8%	-	-	-	-	9,613.01	23,000.00	(13,386.99)	41.8%
Fisheries Material and Supplies	5,773.78	7,000.00	(1,226.22)	82.5%	-	-	-	-	5,773.78	7,000.00	(1,226.22)	82.5%
Fisheries Other Expenses	3,333.60	3,500.00	(166.40)	95.2%	-	-	-	-	3,333.60	3,500.00	(166.40)	95.2%
Fisheries Activities	145,706.10	175,000.00	(29,293.90)	83.3%	-	-	-	-	145,706.10	175,000.00	(29,293.90)	83.3%
Fisheries Habitat Enhancement	36,778.08	10,000.00	26,778.08	367.8%	-	-	-	-	36,778.08	10,000.00	26,778.08	367.8%
Other Interest Expense - EPFP	-	-	-	-	-	-	-	-	-	-	-	0.0%
<b>Total Expense</b>	<b>1,230,998.37</b>	<b>1,357,600.00</b>	<b>(126,601.63)</b>	<b>90.7%</b>	<b>2,626,778.51</b>	<b>3,806,921.00</b>	<b>(1,180,142.49)</b>	<b>69.0%</b>	<b>3,857,776.88</b>	<b>5,164,521.00</b>	<b>(1,306,744.12)</b>	<b>74.7%</b>
<b>Surplus / (Deficit) - O&amp;M</b>	<b>\$ 219,105.71</b>	<b>\$ -</b>	<b>\$ 219,105.71</b>		<b>\$ 469,122.64</b>	<b>\$ -</b>	<b>\$ 469,122.64</b>		<b>\$ 688,228.35</b>	<b>\$ -</b>	<b>\$ 688,228.35</b>	
<b>Pass Thru Charges</b>												
EPFP Loan - Assessments	-	-	-	-	463,450.17	-	463,450.17	N/A	463,450.17	-	463,450.17	N/A
EPFP Loan - Interest Expense	-	-	-	-	(10,775.02)	-	(10,775.02)	N/A	(10,775.02)	-	(10,775.02)	N/A
<b>Sub Total Pass Thru Charges</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		<b>\$ 452,675.15</b>	<b>\$ -</b>	<b>\$ 452,675.15</b>	<b>N/A</b>	<b>\$ 452,675.15</b>	<b>\$ -</b>	<b>\$ 452,675.15</b>	<b>N/A</b>
<b>Net Surplus / (Deficit)</b>	<b>\$ 219,105.71</b>	<b>\$ -</b>	<b>\$ 219,105.71</b>		<b>\$ 921,797.79</b>	<b>\$ -</b>	<b>\$ 921,797.79</b>	<b>N/A</b>	<b>\$ 1,140,903.50</b>	<b>\$ -</b>	<b>\$ 1,140,903.50</b>	<b>N/A</b>

Note: Results are unaudited and subject to change.

**THIS PAGE INTENTIONALLY LEFT BLANK**



# Cachuma Operation & Maintenance Board

Financial Review – 4<sup>th</sup> Quarter  
Fiscal Year 2020-21



# Financial Review

## Revenues Collected – 4th Quarter

<b>COMB O&amp;M Budget Assessment (April - June 2021)</b>	<b>\$ 431,900</b>
<b>EPFP Loan Assessment</b>	<b>115,800</b>
<b>Warren Act Trust Fund / Renewal Fund Reimbursement</b>	<b>33,700</b>
<b>ACWA JPIA Insurance Premium Refund</b>	<b>19,900</b>
<b>2000 BiOp and Oak Tree Mitigation Reimbursement</b>	<b>15,000</b>
<b>Interest Income</b>	<b>2,000</b>
<b>Total Revenues</b>	<b>\$ 618,300</b>

# Financial Review

	Operations Division			
	Jul - Jun (YTD)	Annual Budget	Over / (Under) Budget (\$)	% of Budget
<b>Revenue</b>				
Revenue	\$ 3,095,901	\$ 3,806,921	\$ (711,020)	81.3%
<b>Expense</b>				
General and Admin Expenses	203,340	230,713	(27,373)	88.1%
General and Admin Labor	558,803	602,068	(43,265)	92.8%
O&M Labor	800,763	1,010,140	(209,377)	79.3%
O&M Vehicle & Equip	44,895	75,000	(30,105)	59.9%
O&M Contract Labor	87,468	130,000	(42,532)	67.3%
O&M Material and Supplies	72,559	78,000	(5,441)	93.0%
O&M Other Expenses	43,056	46,000	(2,944)	93.6%
O&M Special Projects	815,895	1,635,000	(819,105)	49.9%
<b>Total Expense</b>	<b>\$ 2,626,779</b>	<b>\$ 3,806,921</b>	<b>\$ (1,180,142)</b>	<b>69.0%</b>
<b>Net Surplus / (Deficit)</b>	<b>\$ 469,123</b>	<b>\$ -</b>	<b>\$ 469,123</b>	<b>100.0%</b>

Note: Results are unaudited and subject to change.

# Financial Review

## Operations Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Actual Apr-Jun	Annual Actual	Annual Budget	Over / (Under) Budget (\$)	% of Budget
<b>Revenue</b>								
Revenue	\$ 781,911	\$ 886,026	\$ 1,326,909	\$ 101,055	\$ 3,095,901	\$ 3,806,921	\$ (711,020)	81.3%
<b>Expense</b>								
General and Admin Expense	57,605	49,232	60,169	36,334	203,340	230,713	(27,373)	88.1%
General and Admin Labor	143,522	142,808	136,623	135,849	558,803	602,068	(43,265)	92.8%
O&M Labor	191,708	200,006	194,005	215,045	800,763	1,010,140	(209,377)	79.3%
O&M Vehicle & Equip	6,564	5,881	13,207	19,243	44,895	75,000	(30,105)	59.9%
O&M Contract Labor	15,518	14,740	38,510	18,699	87,468	130,000	(42,532)	67.3%
O&M Material and Supplies	6,826	11,691	17,642	36,400	72,559	78,000	(5,441)	93.0%
O&M Other Expenses	8,006	9,948	9,911	15,190	43,056	46,000	(2,944)	93.6%
O&M Special Projects	174,551	99,387	378,405	163,551	815,895	1,635,000	(819,105)	49.9%
<b>Total Expense</b>	<b>\$ 604,301</b>	<b>\$ 533,694</b>	<b>\$ 848,473</b>	<b>\$ 640,312</b>	<b>\$ 2,626,779</b>	<b>\$ 3,806,921</b>	<b>\$ (1,180,142)</b>	<b>69.0%</b>
<b>Net Surplus / (Deficit)</b>	<b>\$ 177,611</b>	<b>\$ 352,332</b>	<b>\$ 478,437</b>	<b>\$ (539,257)</b>	<b>\$ 469,123</b>	<b>\$ -</b>	<b>\$ 469,123</b>	

### Notes:

Results are unaudited and subject to change.

The 4th quarter O&M Budget assessment reflected a \$700K credit adjustment due to a shift in schedule for completing certain infrastructure improvement projects previously planned in the lower reach of the system.

# Financial Review

## Fisheries Division

	Jul-Jun (YTD)	Annual Budget	Over / (Under) Budget (\$)	% of Budget
<b>Revenue</b>				
Revenue	\$ 1,450,104	\$ 1,357,600	\$ 92,504	106.8%
<b>Expense</b>				
General and Admin Expenses	77,334	114,411	(37,077)	67.6%
General and Admin Labor	225,371	247,776	(22,405)	91.0%
Fisheries Labor	704,004	729,413	(25,409)	96.5%
Fisheries Vehicle & Equip	23,085	47,500	(24,415)	48.6%
Fisheries Contract Labor	9,613	23,000	(13,387)	41.8%
Fisheries Material and Supplies	5,774	7,000	(1,226)	82.5%
Fisheries Other Expenses	3,334	3,500	(166)	95.2%
Fisheries Activities	145,706	175,000	(29,294)	83.3%
Fisheries Habitat Enhancement	36,778	10,000	26,778	367.8%
<b>Total Expense</b>	<b>\$ 1,230,998</b>	<b>\$ 1,357,600</b>	<b>\$ (126,602)</b>	<b>90.7%</b>
<b>Net Surplus / (Deficit)</b>	<b>\$ 219,106</b>	<b>\$ -</b>	<b>\$ 219,106</b>	<b>100.0%</b>

Note: Results are unaudited and subject to change.

# Financial Review

## Fisheries Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Actual Apr-Jun	Annual Actual	Annual Budget	Over/(Under) Budget (\$)	% of Budget
<b>Revenue</b>								
Revenue	\$ 296,742	\$ 362,607	\$ 409,021	\$ 381,733	\$ 1,450,104	\$ 1,357,600	\$ 92,504	106.8%
<b>Expense</b>								
General and Admin Expenses	29,218	19,464	18,104	10,548	77,334	114,411	(37,077)	67.6%
General and Admin Labor	51,923	59,215	53,730	60,502	225,371	247,776	(22,405)	91.0%
Fisheries Labor	164,796	180,149	170,458	188,601	704,004	729,413	(25,409)	96.5%
Fisheries Vehicle & Equip	6,894	3,876	7,975	4,341	23,085	47,500	(24,415)	48.6%
Fisheries Contract Labor	1,247	5,324	1,277	1,764	9,613	23,000	(13,387)	41.8%
Fisheries Material and Supplies	239	549	826	4,159	5,774	7,000	(1,226)	82.5%
Fisheries Other Expenses	310	469	1,290	1,265	3,334	3,500	(166)	95.2%
Fisheries Activities	21,809	9,015	53,124	61,759	145,706	175,000	(29,294)	83.3%
Fisheries Habitat Enhancement	31,769	4,482	526	-	36,778	10,000	26,778	367.8%
<b>Total Expense</b>	<b>\$ 308,206</b>	<b>\$ 282,543</b>	<b>\$ 307,310</b>	<b>\$ 332,939</b>	<b>\$ 1,230,998</b>	<b>\$ 1,357,600</b>	<b>\$ (126,602)</b>	<b>90.7%</b>
<b>Net Surplus / (Deficit)</b>	<b>\$ (11,464)</b>	<b>\$ 80,064</b>	<b>\$ 101,712</b>	<b>\$ 48,794</b>	<b>\$ 219,106</b>	<b>\$ -</b>	<b>\$ 219,106</b>	

Note: Results are unaudited and subject to change.

# Financial Review

## Upcoming Deliverables – Administrative Division

- Complete FYE 06/30/21 Annual Financial Audit
- Complete FYE 06/30/21 GASB 74/75 OPEB Valuation
- Assist with COMB Building Replacement
- Develop COMB Sustainability Plan
- Advancement of Board Policies and Internal Procedures

**THIS PAGE INTENTIONALLY LEFT BLANK**



# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	August 23, 2021
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

---

**SUBJECT:**      **Personnel Policy and Employee Handbook Update**

---

**RECOMMENDATION:**

The Board of Directors review an update to the COMB Personnel Policy and Employee Handbook and provide direction to staff, as appropriate, and receive and file.

**DISCUSSION:**

In February 2020, COMB staff developed a new Personnel Policy and Employee Handbook. The document serves as a reference manual for new and current employees and contains useful information concerning responsibilities and expectations, employee benefits as well as state and federal employment regulations. It is COMB's policy to update the handbook on a periodic basis in order to ensure compliance with new employment laws and changes to personnel policies.

COMB staff is comprised of a small team of fifteen full time employees (and three part time employees) who are classified as essential critical infrastructure workers according to the State Public Health Officer and Executive Orders signed by Governor Newsom. If two or three of COMB's essential workers were affected by an infectious pandemic disease, nearly twenty percent of our workforce would be displaced from duty. COMB does not maintain a depth of personnel to counter such an incident.

The attached draft vaccination policy was developed to provide an avenue to safeguard the health of our current employees, our Member Agencies and members of the public from infectious diseases such as COVID-19 that may result in a global pandemic as declared by the World Health Organization (WHO), Centers for Disease Control and Prevention (CDC) and / or local health authorities. This policy is in addition to COMB's COVID safety protocols currently in place as recommended by the CDC, Cal-OSHA, the Santa Barbara County Health Department and COMB's COVID-19 Preparedness and Response Plan.

Staff has worked with COMB legal counsel and ACWA/JPIA legal counsel to develop this policy for inclusion in the COMB Personnel Policy and Employee Handbook.

**COMMITTEE STATUS:**

The Administrative Committee reviewed the update to the COMB Personnel Policy and Employee Handbook and forwards to the Board of Directors with a recommendation to receive and file.

**LEGAL CONCURRENCE:**

This policy update to the COMB Personnel Policy and Employee Handbook has been reviewed by COMB legal counsel and ACWA/JPIA legal counsel.

**LIST OF EXHIBITS:**

1. Draft Policy

### 3.11 VACCINATION POLICY

In accordance with COMB's policy to provide and maintain a workplace that is free of known hazards, this policy has been adopted to safeguard the health of our employees and their families, our Member Agencies and members of the public from infectious diseases such as COVID-19, that may result in a global pandemic, as declared by the World Health Organization (WHO), Centers for Disease Control and Prevention (CDC) and/or local health authorities. This policy complies with all applicable laws and is based on guidance from the WHO, CDC and local health authorities, as applicable.

All employees may be required to receive vaccinations following a declared global pandemic, as guided by directives and guidelines issued by the WHO, CDC and/or local health authorities, unless a reasonable accommodation (based on medical and/or religious reasons) is approved by COMB.

#### **Procedures**

Employees will be notified by COMB as to the type of vaccination(s) covered by this policy (global pandemic declared emergencies) and the timeframe(s) for having the vaccine(s) administered. COMB will provide a list of locations to assist employees in receiving the vaccine.

COMB will pay for all vaccinations. Vaccinations should be run through employees' health insurance where applicable and/or otherwise be submitted for reimbursement.

All employees will be paid for time taken to receive vaccinations. Employees are to coordinate with their managers to schedule appropriate time to comply with this policy.

Under this policy, employees will be required to provide either proof of vaccination or submit a request for reasonable accommodation to the COMB General Manager or Administrative Manager / CFO within the predetermined timeframe.

#### **Reasonable Accommodation**

Employees in need of an exemption from this policy due to a medical reason, or because of a sincerely-held religious belief, must submit a completed Request for Accommodation form to the human resources department to begin the interactive accommodation process as soon as possible after vaccination deadlines have been announced. Accommodations will be granted where they do not cause undue hardship or pose a direct threat to the health and safety of others.

**THIS PAGE INTENTIONALLY LEFT BLANK**

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	August 23, 2021
Prepared by:	Joel Degner
Approved by:	Janet Gingras

---

**SUBJECT: 24-inch Gate Valve Purchase for South Coast Conduit (SCC) Isolation Valve Project**

---

**RECOMMENDATION:**

The Board of Directors receive and file information related to the purchase of a 24-inch gate valve to be utilized on the South Coast Conduit for Infrastructure Improvement Projects.

**SUMMARY:**

To facilitate shutdowns and repairs of the South Coast Conduit, and to minimize service disruption, an in-line isolation valve is recommended in the Carpinteria area. COMB has proposed installing an in-line isolation valve at La Mirada Drive and Highway 192. This isolation valve would allow a section of the South Coast Conduit, which currently serves eleven laterals, to be subdivided into two segments. An in-line isolation valve would also allow three air vents and two blow-off structures to be rehabilitated in the Carpinteria area. This project would enable COMB to complete a Category 1 recommendation from the U.S. Bureau of Reclamation to rehabilitate subgrade air vent structures. In consideration for this work, Carpinteria Valley Water District has proposed to financially contribute toward the replacement of the lower reach SCC lateral isolation valves. A cooperative agreement between COMB and CVWD is in the process of being developed to facilitate this arrangement of work.

Flowers and Associates have prepared the final engineering designs for the La Mirada Line Valve Project in the South Coast Conduit – Carpinteria Reach. These have been approved by both Caltrans and the Bureau of Reclamation. The bid documents have been prepared, finalized and released for solicitation. As part of the bid documents, COMB plans to supply the 24-inch gate valve to the selected contractor to reduce costs, mark-up, and limit potential delays. However, supply chains for water infrastructure materials have been disrupted by the COVID-19 global pandemic. Lead times and prices are highly volatile.

The lateral isolation valve replacement designs are nearing completion but have not been finalized. The lateral rehabilitation designs are planned to go to bid in mid-September 2021. COMB staff plans to utilize the results of both the La Mirada Line Valve Project and lateral isolation valve replacement bids in the proposed COMB-CVWD Cooperative Agreement. The proposed agreement and associated bids may be ready for the September Board meeting but most likely will be presented at the October 2021 Board meeting. Construction of the La Mirada Line Valve Project needs to occur in low demand months and would likely be completed prior to the end of the calendar year, allowing a South Coast Conduit shutdown and repair of the air vents in February/March 2022.

If COMB were to delay the purchase of the 24-inch gate valve until October 2021, there would likely not be enough lead time for procurement of the 24-inch gate valve to allow for the completion of the project in Fiscal Year 2021-2022. If the Board does not approve the construction of the La Mirada Line Valve Project, the 24-inch valve could still be utilized at other locations along the South Coast Conduit.

The Sheffield Control Station has three original 24-inch gate valves that are over 70 years old. In past shutdowns of the control station, there is known leakby on the existing, original 70-year old valves. The valve purchased for the La Mirada Line Valve Project could be re-purposed for the Sheffield Control Station if required.

COMB requested quotes from valve suppliers and received two quotes for a 24-inch resilient wedge gate valve required by the design. The lowest cost quote was \$24,996 from Core and Main in Valencia, California. COMB's procurement policy requires Board approval for materials that cost greater than \$25,000.

**FISCAL IMPACTS:**

The South Coast Conduit Isolation Valve Installation project (6136) was budgeted in the amount of \$400,000 for the current fiscal year (2021-2022). Approximately \$25,000 of the approved budget would be expended for the purchase of the 24-inch gate valve.

If the Board does not approve the COMB-CVWD Cooperative Agreement and associated project bids, the 24-inch gate valve could be utilized for the rehabilitation of the Sheffield Control Station. COMB has identified the rehabilitation of the control station valves as an upcoming critical infrastructure improvement project in future years.

**COMMITTEE STATUS:**

The Operations Committee reviewed the information related to the purchase of a 24" gate valve for Infrastructure Improvement Projects on the South Coast Conduit and forwards to the Board with a recommendation to receive and file.

**LIST OF EXHIBITS:**

N/A



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.”*

August 23, 2021

## **General Manager Report**

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

### Administration

- **Replacement Office Building Project Update**

The new mobile office buildings were delivered by API on Monday, August 9<sup>th</sup> and Tuesday, August 10<sup>th</sup> as scheduled. Installation is ongoing as expected and will be completed prior to the end of August. The extraneous work including electrical connections, plumbing and communication installation is also being completed at this time. Staff was able to retain the deck and provide a revision to the deck including installation of an ADA ramp for a cost savings of approximately \$80,000. The adjacent existing administrative building will be remodeled in the coming months to match the new mobile offices and will include the installation of a new roof, new flooring, updated exterior fascia trim and fresh paint. Staff will be moving furniture and fixtures into the new space once all extraneous work has been completed.

- **ACWA/JPIA Health Insurance Premiums – Calendar Year 2022**

ACWA/JPIA, COMB's health insurance benefits provider, has announced good news for the 2022 Employee Benefits renewal package which will affect premiums for current employees and retirees. Most health insurance premium plans will see either no change in rates, or realize a rate reduction. There will also be enhancements to current benefit plan offerings.

There are five significant changes for the upcoming calendar year. All changes are effective January 1, 2022 except as noted:

1. Retiree plan change: Retirees with Medicare who are enrolled in any Anthem plan will transition to being enrolled in the UnitedHealthcare (UHC) Medicare Advantage PPO. This plan offers very robust benefits with 29% lower premiums.
2. New mental health benefit: In September 2021, Modern Health mental health and wellness benefit will become available to all employees in any JPIA medical plan, and their dependents.
3. Dental enhancement: Delta Dental PPO plans with a \$1,500 calendar year benefit maximum will now cover preventive and diagnostic services at 100%, an increase from 75% or 85% coverage, depending on the plan.
4. Vision enhancement: The contact lens allowance on the VSP Vision plans will increase from \$120 to \$150. Additionally, the vision plans will now include coverage for anti-reflective coating for a \$25 copay. This was not a previously a covered benefit.
5. New STD options: JPIA through the Standard will begin offering three new Short Term Disability (STD) plans with 7-day benefit waiting periods.

The ACWA JPIA continually monitors the health insurance market and is dedicated to consistently and cost effectively providing the broadest possible affordable insurance coverage and related services to its member agencies.

Virtual Meetings

- **Santa Barbara County Office of Emergency Management (OEM) Meetings**

On August 4, 2021, COMB staff participated in the Santa Barbara County Operational Area (OA) Emergency Managers Committee meeting. The OA partners received a presentation from Kelly Hubbard, Director, Santa Barbara County Office of Emergency Management (OEM). The mini-training session provided an overview on how to conduct emergency training and exercise plans. The Santa Barbara County OEM is in the processing of updating the Operational Area Multi-year Training and Exercise Plan and has requested OA Partners provide their training calendar for 2022-2025. COMB has scheduled a functional exercise of our Emergency Action Plan for the Cachuma Project in mid-October. The exercise will be performed in coordination with Reclamation and will include participation from Santa Barbara County OEM staff and the south coast water agencies.

- **Santa Barbara County Integrated Regional Water Management Plan (IRWMP) Meeting**

The IRWMP cooperating partners attended a virtual meeting hosted by Jane Gray of Dudek on Wednesday, August 18<sup>th</sup>. Various topics were outlined on the agenda including a presentation by Steph Wald from the Creeks Lands Conservation (Santa Maria River Healthy Watershed Initiative)(Rose Foundation Grant). Ms. Wald summarized the current work being conducting in the Sisquoc, Cuyama, and Santa Maria region, including strategic water conservation to support steelhead fisheries, watershed water quality report cards, and coordinating with Disadvantaged Communities (DAC's).

In addition to the above mentioned topic, information was provided about the Resource Management Strategies/Climate Change Sub-Committee which was created to focused on climate resilience, wildfire/watershed planning and actions, regional coordination (particularly to fund projects), and engagement in legislative processes. Currently the subcommittee includes a representative each from Quail Springs, the City of Guadalupe, Los Olivos Community Services District, and COMB (Perri Wolfe). The first meeting for this sub-committee will take place soon and is being coordinated by Dudek.

Respectfully Submitted,

*Janet Gingras*

General Manager



# CACHUMA OPERATION AND MAINTENANCE BOARD

## MEMORANDUM

**DATE:** August 23, 2021  
**TO:** Janet Gingras, General Manager  
**FROM:** Joel Degner, Engineer/Operations Division Manager  
**RE: MONTHLY ENGINEERING REPORT**

The following summary provides the Board with information and an overview of progress by engineering staff related to on-going studies and infrastructure improvement projects.

### CLIMATE CONDITIONS

The U.S. Drought Monitor classification for the South Coast of Santa Barbara County continues to be categorized as extreme with the majority of the State of California in exceptional drought (as of 8/10/21). The Santa Barbara County-wide rainfall is 48 percent of normal. The National Weather Service Climate Prediction Center projects La Niña conditions to potentially emerge during the August-October season and last through the 2021-22 winter (70% chance during November-January). La Niña conditions in general result in less than average rainfall and inflow into Lake Cachuma. The Lake Cachuma pan evaporation rates have been consistent with the historical median for 2021 (Figure 1). In the previous drought in 2014-2017, anomalous measurements occurred related to wildlife use of the pan. Current wildlife protection measures appear to be effective in 2021.

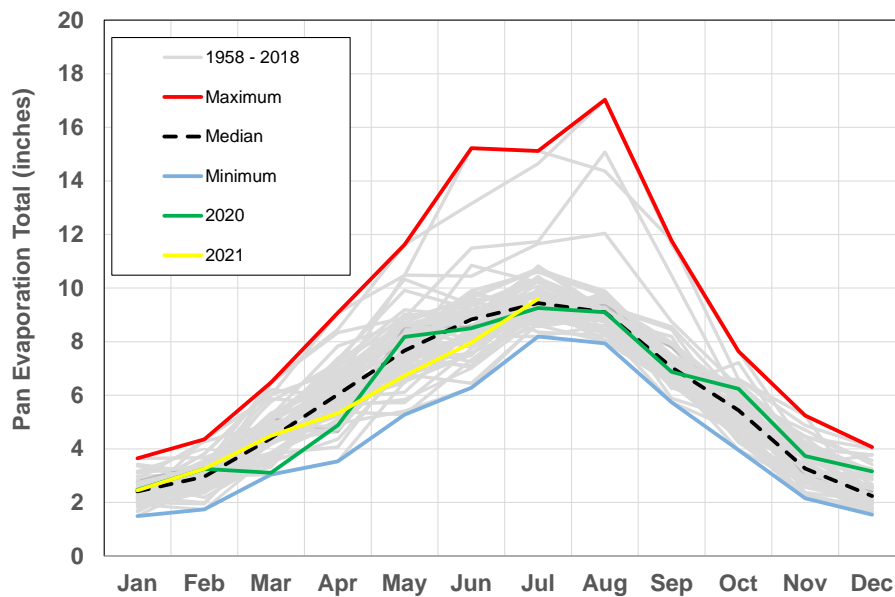


Figure 1. Lake Cachuma Pan Evaporation

### LAKE ELEVATION PROJECTION

Lake Cachuma is currently at 52.3% capacity (716.14' in elevation and 100,906 acre-feet in storage as of 8/18/21). Santa Barbara County Water Agency has contracted with MNS Engineers, Inc. to update the bathymetric survey of the lake. The field work for the study (survey, aerial photography, and bathymetric transects) has been completed. The draft results of the 2021 bathymetric survey results may be available as early as October 2021. The previous survey was completed in 2013. Figure 2 provides the lake elevation projection if dry conditions

continue. These modeling projections utilize hydrology from water year 2012-2013. The downstream release for Santa Ynez River Water Conservation District began on August 2<sup>nd</sup> as planned. The anticipated amount to be released by Santa Ynez River Water Conservation District is estimated to be approximately 5,000 to 6,000 AF for an Above the Narrows release.

Parameter	Optimistic	Realistic	Conservative
SCC Exports	80% Forecast	Forecast	120% of Forecast
CCWA Inflow	120% Forecast	Forecast	80% of Forecast
WR 89-18 Release (2021)	5,000 AF	6,000 AF	7,000 AF
WR 89-18 Release (2022)	12,000 AF	12,000 AF	12,000 AF

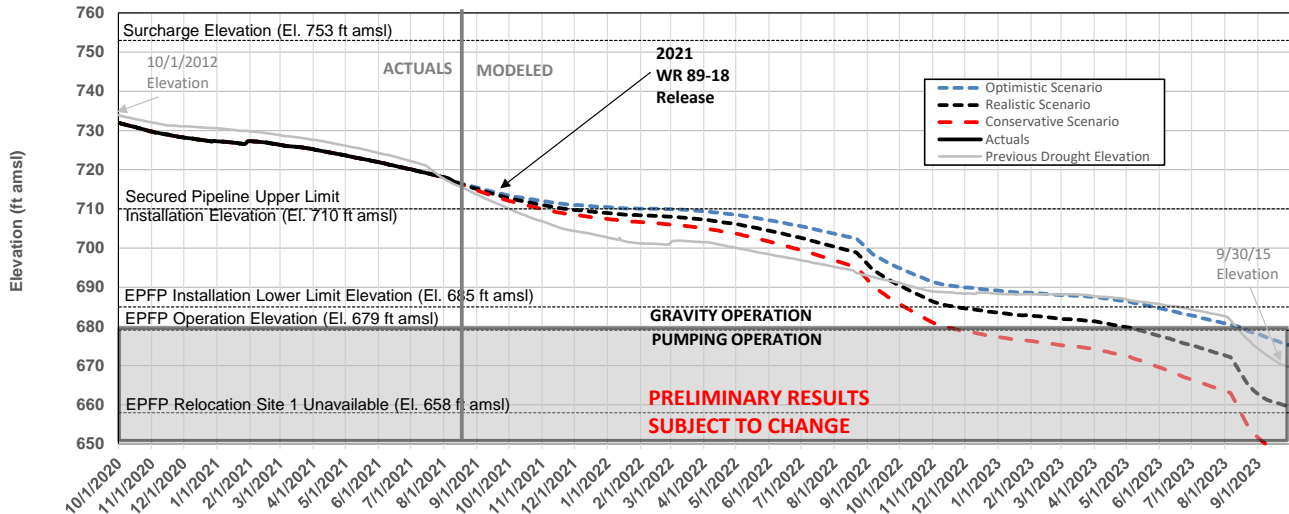


Figure 2. Projected Lake Cachuma Elevation assuming Continued Dry Conditions

## COMPREHENSIVE FACILITY REVIEWS

The Bureau of Reclamation engineers completed their draft comprehensive review reports for Glen Anne, Lauro, Ortega, and Carpinteria dams. The reviews contain no new Category 1 recommendations, 25 new Category 2 O&M recommendations, and 4 new category 3 recommendations. COMB staff will be working on addressing Reclamation’s recommendations in the coming months. Category 1 recommendations involve the correction of severe deficiencies where immediate and responsive action is required to ensure structural safety, operational integrity of a facility, or operating personnel/public safety. Category 2 recommendations cover a wide range of important matters where action is needed to prevent or reduce further damage, preclude possible operational failure of a facility, or reduce safety risks to operating personnel/public. Category 3 recommendations cover less important matters but are believed to be sound and beneficial suggestions to improve or enhance the O&M of the project or facility.

## INFRASTRUCTURE IMPROVEMENT PROJECTS

Table 1 provides a summary of the status of Fiscal Year 2021-22 projects.

**Table 1. Fiscal Year 2021-2022 Infrastructure Improvement Projects**

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
<b>Infrastructure Improvement Projects</b>			
SCADA System	COMB entered into a contract with Aspect Engineering to replace the six remaining legacy PLCs. PLCs 2,3,4, and 6 have been replaced. The remaining PLCs to be replaced are PLC 5 and 9. PLC 5 is planned to be replaced in August.	COMB SCADA system was installed in 2004 and existing hardware is obsolete and in need of replacement. PLC replacements will require coordination with COMB's Member Agencies.	PLC upgrades are planned to be completed by 2022.
COMB Building and Ground Repair	Existing modular offices were removed by Peter Lapidus Construction. New modular offices have been installed by API. API is completing on-site finishing work and contractors are installing utilities. COMB operations staff is re-constructed the walkway, ramp, and stairs between the offices.	COMB Admin and Fisheries modular offices will be replaced in-kind to limit complexity and challenges of construction.	Modular buildings installation will be completed by the end of August.
SCC Structure Rehabilitation : AVAR/BO Valves	Eight structures remain to be rehabilitated. COMB staff visited the remaining structures with Cushman Contracting and requested pricing for planned work for FY 2021-22 based on the previous schedules of work completed for the AVAR-BO Rehabilitation.	The remaining structures to be rehabilitated are the most difficult access-wise (with several in Highway 192) and difficult shutdowns to schedule in the Carpinteria area.	Shutdowns need to be coordinated with Reclamation and CVWD. Construction is planned for February/March.
SCC Line Valves for Shutdown	The La Mirada Line Valve Project has been released for bid with bids due in mid-September. COMB has received Caltrans permit and Reclamation MP-620 approval for the project.	Additional line valve(s) are needed in Carpinteria to facilitate shutdown work. A Cooperative Agreement between CVWD and COMB is proposed to facilitate the work which will require approval by COMB's board.	Construction likely occur in Fall/Winter (Nov to Jan) of 2021.
SCC Structure Rehabilitation : Lower Reach Laterals	COMB/CVWD have reviewed the updated designs and final designs are being prepared. Bid documents will likely be released in mid-September.	In order to facilitate shutdowns on the Lower Reach of the SCC, lateral valves need replacement. COMB is collaborating with CVWD on this project.	Construction will depend on collaboration with CVWD and likely to commence in Fall/Winter 2021/2022.
<b>Special Projects</b>			
Emergency Pumping Facility - Secured Pipeline Project	For the existing EPFP system - key components of the barge are currently being stored under contract and 3600 feet of pipeline are stored at the lake shore at Lake Cachuma. Engineering designs have been submitted to Reclamation for their MP620 review for the Secured Pipeline Project. Reclamation is in the process of conducting the NEPA review.	The elevation of the lake The lake elevation is projected to remain above 685' until the Fall 2022. Installation of the EPFP is needed when the elevation is projected to fall below 685'. The Secured Pipeline Project could be installed in the Spring/Summer of 2022 if dry conditions continue	Construction could occur in Summer of 2022 depending on lake elevations.
Watershed Sanitary Survey Update	Geosyntec completed the draft survey report which is currently under review by the agencies involved. The report is planned to be finalized by the end of September.	The update is a collaborative effort with COMB's member agencies, Santa Ynez, and the City of Lompoc.	Sanitary Survey is due by October 2021.
Lake Cachuma Water Quality and Sediment Management Study	The Study was completed in August 2020. Phase 2 recommendations planned for this year include the Secured Pipeline Project (see above), phosphorous/TOC source study, and bathymetric survey. COMB staff has prepared a draft REP for the Phase 2 phosphorous/TOC source study. An updated bathymetric survey is currently being conducted by MNS Engineers through Santa Barbara County Water Agency.	Additional sampling is needed to better understand nutrient and total organic sources prior to determining if additional larger actions at the lake would make sense from a cost-benefit stand point.	A focused phosphorous and TOC sourcing study by COMB and bathymetric survey through the County is planned for FY 2021/2022

**THIS PAGE INTENTIONALLY LEFT BLANK**

## CACHUMA OPERATION AND MAINTENANCE BOARD

**DATE:** August 23, 2021  
**TO:** Janet Gingras, General Manager  
**FROM:** Shane King, Operations Supervisor  
**RE: MONTHLY REPORT OF OPERATIONS – July 2021**

The total flow from Lake Cachuma into the Tecolote Tunnel for July was 2,749.3 acre-feet, for an average daily flow of 88.7 acre-feet. Lake elevation was 720.09 feet at the beginning of July and 718.12 feet at the end of July. Lake storage decreased by 4,148 acre-feet. There was 143.2 acre-feet of inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 49.12 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 146.2 acre-feet of water to Hilton Creek for the month of July.

The Operations Division of the Cachuma Operation and Maintenance Board has the responsibility to operate, repair and maintain all Cachuma Project facilities from the Intake Tower at Lake Cachuma to the Carpinteria Reservoir. The Annual Work Plan sets forth all activities necessary to ensure system reliability. Consistent with the Plan, Operation and Maintenance staff performs routine maintenance on the distribution and storage system. Staff continues to improve the system, address deficiencies and identify items to be included in the Infrastructure Improvement Program of work. Operations Division is responsible for:

- Adequately regulating and maintaining the diversion of water from Lake Cachuma to the South Coast via the Tecolote Tunnel as the primary water source for 5 communities.
- Operation and maintenance of the South Coast Conduit pipeline, which consist of 26.5 miles of pipeline with a combined 124 blow off and air vent structures, 43 turnout structures and 20 meters.
- Operation and maintenance of four regulating reservoirs.

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

Operations staff continue to follow the implemented physical distancing measures as a response to COVID-19. Operators utilize separate vehicles and mostly completed work that could be done by one staff member or with appropriate physical distance if multiple staff are required. Routine operation and maintenance completed during the month of July were as follows:

- Staff has been on site monitoring several ongoing projects throughout the area, working closely with the construction and engineering contractors to ensure that:
  - Pipeline easements and the right-of-way remain accessible to Operations staff for possible emergencies and ongoing facility maintenance.
  - All projects are following the COMB and USBR approved plans.
  - No damage occurs to the SCC during the construction process.

### **Ongoing Monthly Operations Items:**

- Conducted several flow changes at the North Portal during the month
- Reviewed several projects for conflicts within the SCC right of way
- Received and responded to 172 USA Dig alerts
- Performed weekly inspections of major facilities, safety meetings, rodent bait (all reservoirs), toe drain and piezometer reads at Ortega (L23)
- Performed dam inspection and instrumentation reports (all reservoirs)
- Performed equipment and yard maintenance
- Performed monthly North Portal elevator maintenance with Otis
- Performed monthly water quality sampling
- Read anodes and rectifier data

### **In addition regular activities described above, Operations staff performed the following:**

- Operations personnel installed and painted new hand railing leading into the COMB board room.
- COMB worked with Cal Portland in raising and installing new valve cans for the COMB facilities during the HWY 192 paving project in Carpinteria. (see photos)
- Operations division modified the decking between the mobile trailers to eliminate the step between the offices to make it ADA compliant.
- Operations staff is in the process of building an ADA ramp up to the raised deck between the mobile trailers. (see photos)
- Operations staff built a new staircase leading up to the raised deck between the mobile offices. (see photo)
- Staff assisted Smith Electric in the installation of the new electrical components for the new mobile trailers.
- Staff installed a new water line and hose spigot connections for the new administration mobile office.
- Operations staff removed the grating from around the spillway outlet works at Lauro Reservoir. COMB is contracting "Anacapa Industries" to blast clean and epoxy coat the grating. This project was recommended by the Bureau of Reclamation during the Cachuma facilities periodic facilities review.
- Operations division started its annual structure maintenance program. This work includes visiting all Air vent, Blow off, and turnout structures for maintenance and valve exercising. A total of 10 structures were visited this month.
- Operations staff assisted with the quarterly Venturi meter calibrations which were conducted by "Emerson Process Management". These meters include: Tecolote Tunnel inflow meter, Lauro Reservoir inflow meter, Sheffield south flow meter, and Ortega Reservoir effluent meter.
- COMB contracted Peter Lapidus Construction to demolish and remove the Administration and Fisheries mobile offices. (see photo)
- COMB staff identified an error in the North Portal meter totalizer that occurred in the PLC 2 replacement on early June. Aspect Engineering corrected the totalizer calculation on July 20<sup>th</sup>. Revised daily diversions for the South Coast have been provided from June 3<sup>rd</sup> to July 20<sup>th</sup>, 2021. Reclamation is in the process of making the corrections to the daily operations reports during that period.
- Atlas Performance Industries (API) delivered the two new mobile offices. API has set the trailers in place and installed the jack stands, anchor straps, and skirting. There is still the interior work to complete before trailers will be finished.

*New ADA ramp for mobile offices*



*New staircase for mobile offices*



*Raising valve cans in HWY 192*



*Removal of mobile offices*





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

**DATE:** August 23, 2021  
**TO:** Janet Gingras, General Manager  
**FROM:** Tim Robinson, Fisheries Division Manager  
**RE: MONTHLY FISHERIES DIVISION REPORT**

**HIGHLIGHTS:**

- USBR is delivering 2000 Biological Opinion (BiOp) target flows to Hilton Creek by gravity through the Hilton Creek Emergency Backup System (HCEBS) at approximately 1.5 cfs as of 8/19/21 to the Upper Release Point (URP) and Lower Release Point (LRP), which is sustaining the *O. mykiss* population in the creek. Currently, the lake is too low for gravity flow delivery through the Hilton Creek Watering System (HCWS). BiOp compliance releases to Hilton Creek are a minimum of 2 cfs. USBR and NMFS have discussed the current conditions.
- The 2000 BiOp and Order WR 2019-0148 target flows to the Hwy 154 Bridge (2.5 cfs) are being met by USBR for a Critically Dry water year through releases from Hilton Creek and the Outlet Works to the Lower Santa Ynez River (LSYR) mainstem.
- 2021 WR 89-18 releases started on 8/2/21 with a slow ramp up to the maximum release of 92 cfs on 8/8/21. A slow ramp-down has been occurring ever since with a projected end date at the beginning of November.
- During the week of 8/2/21, USBR conducted maintenance and testing of the HCWS pumps. The HCWS pumping system is now operational but remains in standby mode.

In compliance with the 2000 Cachuma Project Biological Opinion (BiOp) (NMFS, 2000) and as described in the 2000 Lower Santa Ynez River Fish Management Plan (SYRTAC, 2000) and the Monitoring Program in the 2000 Revised Biological Assessment (BA), the COMB-FD staff conducts routine monitoring of steelhead/rainbow trout population and their habitat on the Lower Santa Ynez River (LSYR) below Bradbury Dam. The following is a list of activities carried out by COMB-FD staff since the last COMB Board Fisheries Division Report and has been broken out by categories.

**LSYR Steelhead Monitoring Elements:**

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

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

profiles are being taken monthly throughout the year and are reported in the Annual Monitoring Summary.

**Snorkel surveys:** Snorkel surveys for *O. mykiss* and non-native fish are conducted two times a year (Spring and Fall). The Spring Snorkel Survey was started in May and has now been completed. The results are presented in the annual monitoring report. The Fall Snorkel Survey will start in September.

**Monitoring Target Flows:** Monitoring for the required 2000 BiOp and WR 2019-0148 target flows are conducted by USGS and USBR for Hilton Creek, and COMB-FD and USBR for the LSUR at the Hwy 154 Bridge. The minimum target flow of 2 cfs to Hilton Creek is not currently being met with HCEBS gravity flow to the URP and LRP, with a release rate of approximately 1.5 cfs. USBR is reluctant to run any level of pumps to deliver water to the creek given past operational issues and recent power outages at Bradbury Dam. There is still sufficient discharge at the URP to sustain the fishery from there to the LRP as well as down to the confluence of the creek with the LSUR mainstem. The upper reach will become more of a concern as lake levels drop during the rest of the dry season. USBR has discussed the situation with NMFS and it was agreed to continue with gravity flow instead of going to pumps which have proven multiple times to be problematic in sustaining the Hilton Creek fishery.

Documenting compliance in meeting target flows at the Hwy 154 Bridge (2.5 cfs) cannot be done at that specific location due to the channel configuration and landowner access limitations. USBR established a low-flow river discharge monitoring location approximately 1 mile downstream of the Hwy 154 Bridge where access is available. USBR has been taking a discharge measurement approximately once a month and the COMB-FD staff are taking a discharge measurement once a week; we also maintain a pressure transducer at that location to record river stage every 15 minutes. This is part of a compliance measure within WR 2019-0148, specifically the Plan required in Term 18 and Term 25. The objective is to maintain a river discharge at that monitoring location of 2.5 cfs or greater (at the current lake elevation) which follows Reclamations established operational protocols for meeting required target flows at the Hwy 154 Bridge upstream. The objective was challenging to meet at all times in May, June, and July due to many factors influencing streamflow between the release point at Bradbury Dam and the monitoring location (i.e., weather changes, varying riparian corridor vegetation and substrate composition, land use practices, alluvial groundwater extraction, etc.). Reclamation is operating within acceptable discharge parameters given the challenging factors and access barriers. The current WR 89-18 release far exceeds target flow requirements at the Hwy 154 Bridge.

**WR 89-18 Release Monitoring:** BiOp required monitoring for the WR 89-18 releases (RPM 6) started prior to the release as requested by USBR and will continue until after the releases are stopped. WR 89-18 releases are conducted by the Santa Ynez River Water Conservation District in collaboration with USBR. The 2021 WR 89-18 release began on 8/2/21 with a slow ramp up over several days to a maximum release rate of approximately 92 cfs on 8/8/21 from the Outlet Works plus Hilton Creek releases through the HCEBS. Since peak flow, the release has been ramped down and currently is at equilibrium flow with a release rate of approximately 40 cfs. The release is scheduled to end by the beginning of November. This is an Above Narrows Account (ANA) release with the target extent of the release approximately 8 miles downstream of the Avenue of the Flags Bridge in Buellton within the Cadwell sub-reach.

## **Tributary Project Updates:**

All planned projects have been successfully completed.

## **Hilton Creek Watering System (HCWS) and Emergency Backup System (HCEBS) Repairs:**

**HCWS and HCEBS:** The HCWS and HCEBS are owned, operated, and maintained by USBR. The HCEBS was completed at the end of January 2016. USBR technical staff continues to consider improvement options for the HCWS. Currently USBR is delivering water to Hilton Creek through the HCEBS by gravity flow to the URP and LRP.

The HCEBS delivery floating pipeline across the Stilling Basin was removed on 2/5/20 and then reinstalled between 3/2/21 and 3/4/21. USBR successfully replaced two malfunctioning valves associated with the HCEBS on 5/12/21.

On 6/8/21, USBR activated the HCEBS on gravity flow to the URP. For a time, both the HCWS and HCEBS provide gravity flow to the URP. As the lake level dropped, more water came from the HCEBS until the HCWS stopped flowing water approximately at the end of July. Now all release water to Hilton Creek comes through the HCEBS by gravity flow to the URP and LRP.

During the week of 8/2/21, USBR performed maintenance and testing of the HCWS pumping system. They were successful in getting both pumps and operation control panels (platform and top of dam) operating. The HCWS pumping system is now fully operational and has been left in standby mode.

## **Surcharge Water Accounting:**

The following table summarizes the amount of surcharge water used to date from each of the three accounts plus unallocated project water at the end of last month (Table 1). All numbers are from the USBR's Daily Operations Report. The start time for the use of the Surcharge Water Accounts and Project Yield was 5/27/11, or the day following the last day of full surcharge and end of the last spill event. As of May 2012, all of the fish rearing account has been used and USBR is now using Project water to meet BiOp target flows. Water Right (WR 89-18) release durations since 2013 are noted as follows: 7/15/13 - 12/2/13, 8/18/14 - 11/11/14, 8/3/15 - 9/26/15, 7/12/16 - 8/29/16, 8/21/17 - 11/8/17, 8/6/18 - 9/12/18, and 8/31/20 - 11/30/20. There were no WR 89-18 releases in 2019. The 2020 WR 89-18 release officially released 10,480 af over 92 days. During these releases, no fish rearing releases are debited as WR 89-18 releases are used conjunctively with fish flows under the Cachuma Project Settlement Agreement. The Adaptive Management Committee (AMC) called for two releases from the Adaptive Management Account (AMA), 35 acre-feet in October 2012 and 114 acre-feet in June 2013. The remaining amount in the AMA is 351 acre-feet. All of the Fish Passage Supplementation Account (FPSA) has been used as of WY2019; all additional releases for fish passage are from Unallocated Project Water as determined by USBR.

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

<b>Accounts*</b>	<b>Allocation</b>	<b>Amount Used**</b>	<b>Amount Remaining</b>
<b>Units:</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>
<b>Fish Passage Supplementation</b>			
<b>WY2019</b>	3,200	3,307	-107
<b>WY2020</b>	0	2,558	-2,558
<b>Adaptive Management</b>	500	149	351
<b>Fish Rearing***</b>	8,684	8,684	0
<b>Unallocated Project Water</b>		24,302	
<b>Total:</b>	9,184	39,000	-2,314
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 7/31/21.			
*** 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 has been assisting USBR upon request in reviewing draft sections and conducting data analyses for their preparation of the new draft Biological Assessment and WR 2019-0148 required Plans.

Staff has started working on the WY2021 Annual Monitoring Report/Summary.

**Outreach and Training:** Outreach continues with Lower Santa Ynez River landowners (specifically in the Quiota Creek and Salsipuedes Creek watersheds), interested parties within the Santa Ynez Valley, and the County on a variety of fisheries related issues.

**Consultant Activity Summary:**

**HDR Fisheries Design Center** (Mike Garello and Shaun Bevan) – no work was conducted during this past month.

**Kenneth A. Knight Consulting** (Ken Knight) – Ken Knight reviewed the Annual Report in preparation for the COMB Board Oak Tree Committee meeting that is being scheduled for next month.

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	August 23, 2021
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Janet Gingras

---

**SUBJECT:** Progress Report on the Lake Cachuma Oak Tree Restoration Program

---

**RECOMMENDATION:**

For Board information only.

**SUMMARY:**

***Maintenance***

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since October, 2020 to the present (10/1/20 – 8/23/21, Table 1). Labor and expenses for the entire fiscal year (July 2020 - June 2021) 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 set the mitigation numbers for the Program. The 2019 Annual Report with the annual inventory and Fiscal Year 2019-20 financials was completed and reviewed by the Lake Cachuma Oak Tree Committee on 9/3/20 and the COMB Board on 10/26/20 that approved going forward with planting another 300 oak trees and replacing 100 dead oak trees during the wet season of this water year.

***Annual Inventory and Report***

Analyzing the data and developing the draft 2020 Annual Report has been completed. The draft Annual Report will be presented to the COMB Board Oak Tree Committee at the forthcoming meeting scheduled next month.

**Table 1: Cachuma Oak Tree Program completed tasks since October, 2020.**

	Oct 2020	Nov 2020	Dec 2020	Jan 2021 <sup>1</sup>	Feb 2021 <sup>1</sup>	March 2021 <sup>1</sup>	April 2021	May 2021	June 2021	July 2021	Aug 2021
<b>Year 12 Oaks (2020-2021)</b>			New Trees Gopher Baskets Fert/Comp Deer Cages Mulch/Irrigated	New Trees Gopher Baskets Fert/Comp Deer Cages Mulch/Irrigated	QA/QC Tree Tags	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded
<b>Year 11 Oaks (2019-2020)</b>		Irrigated Weeded	Irrigated Weeded	Irrigated Weeded			Irrigated Weeded	Irrigated Weeded		Irrigated Weeded	Irrigated Weeded
<b>Year 10 Oaks (2018-2019)</b>	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded			Irrigated Weeded	Irrigated Weeded			Irrigated Weeded
								Deer Cages			
<b>Year 9 Oaks (2016-2017)</b>	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded					Irrigated Weeded			Irrigated Weeded
								Deer Cages			
<b>Year 8 Oaks (2015-2016)</b>		Irrigated Weeded						Irrigated Weeded	Irrigated Weeded		
<b>Year 7 Oaks (2014-2015)</b>											
<b>Year 6 Oaks (2010-2011)</b>											
<b>Year 5 Oaks (2009-2010)</b>											
<b>Year 4 Oaks (2008-2009)</b>	Deer Cages										
<b>Year 3 Oaks (2007-2008)</b>	Deer Cages										
<b>Year 2 Oaks (2006-2007)</b>											
<b>Year 1 Oaks (2005-2006)</b>											

<sup>1</sup> Oak tree inventory.

The Fisheries Division just finalized another round of irrigation on the newly planted Year 12 trees located at the Santa Barbara County Park (Park). These trees are most susceptible to the current in-season drought conditions due to their delicate, smaller root systems.

Watering and hand weeding the Year 11 and Year 10 trees at the Park has been completed. Now crews are working on the Year 9 trees which should be completed by the end of August.

All of the Year 9-12 trees are located at the Park, which makes for easier water truck filling at multiple fill locations within the campground.

**LIST OF EXHIBITS:**

No Exhibits.

**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**METERED USE REPORT FOR JULY 2021**

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
<b>CARPINTERIA WATER DISTRICT</b>			<b>GOLETA WATER DISTRICT</b>		
Boundary Meter - East		382.64	18+62	G. WEST	130.91
Boundary Meter - West		(0.04)	78+00	Corona Del Mar FILTER Plant	911.18
			122+20	STOW RANCH	0.00
				SWP CREDIT (Warren Act Contract)	(136.00)
				Raytheon (SWP) (Warren Act Contract)	0.00
				Morehart (SWP) (Warren Act Contract)	(1.00)
			<b>TOTAL</b>		<b>905.09</b>
			<b>MONTECITO WATER DISTRICT</b>		
			260+79	BARKER PASS	64.52
			386+65	MWD YARD	26.60
			487+07	VALLEY CLUB	6.69
			499+65	E. VALLEY-ROMERO PUMP	223.11
			510+95	MWD PUMP (SWD)	16.57
			510+95	ORTEGA CONTROL	14.21
			526+43	ASEGRA RD	2.12
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.00
			599+27	TORO CANYON	7.24
				SWP CREDIT (Warren Act Contract)	0.00
			<b>TOTAL</b>		<b>361.07</b>
			<b>CITY OF SANTA BARBARA</b>		
			CATER	INFLOW	1,683.59
			Gibraltar	PENSTOCK	(49.12)
			CATER	SO. FLOW	(963.97)
			Sheffield	SHEF.LIFT	185.32
				SWP CREDIT (Warren Act Contract)	0.00
				La Cumbre (SWP) (Warren Act Contract)	(16.53)
			<b>TOTAL</b>		<b>839.29</b>
			<b>SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1</b>		
			COUNTY PARK, ETC		2.58
			<b>TOTAL</b>		<b>2.58</b>
			<b>BREAKDOWN OF DELIVERIES BY TYPE:</b>		
			STATE WATER DELIVERED TO LAKE		137.00
			STATE WATER TO SOUTH COAST including from stored		153.53
			<b>METERED DIVERSION</b>		<b>2,490.63</b>
<b>SWP CREDIT (Warren Act Contract)</b> <span style="float: right;">0.00</span> <b>TOTAL</b> <span style="float: right;"><b>382.60</b></span>					
Note: Meter reads were taken on: <span style="color: red;">7/30/2021</span>					

**WATER YEAR 20-21 CACHUMA PROJECT ALLOCATION**

**CACHUMA OPERATION AND MAINTENANCE BOARD  
WATER PRODUCTION AND WATER USE REPORT  
FOR THE MONTH OF JULY 2021 AND THE WATER YEAR TO DATE (WYTD) <sup>(1)</sup>**

(All in rounded Acre Feet)

<b>CACHUMA PROJECT</b>		
<b>WATER PRODUCTION:</b>	<b>MONTH</b>	<b>WYTD</b>
Cachuma Lake (Tec. Diversion) <sup>(9)</sup>	2,665.8	19,768.2
Tecolote Tunnel Infiltration	62.5	740.8
Cachuma Lake (County Park)	2.6	16.0
<b>Subtotal - Water Production</b>	<b>2,730.9</b>	<b>20,525.0</b>
<b>WATER DELIVERIES:</b>		
State Water Diversion	153.5	530.6
Cachuma Diversion	2,490.6	20,222.4
Storage gain/(loss) <sup>(2)</sup>	75.5	(33.1)
<b>Subtotal - Water Deliveries</b>	<b>2,719.7</b>	<b>20,719.8</b>
<b>Total Water Production</b>	<b>2,730.9</b>	<b>20,525.0</b>
<b>Total Water Deliveries</b>	<b>2,719.7</b>	<b>20,719.8</b>
<b>Difference = Apparent Water Loss</b>	<b>11.2</b>	<b>(194.8)</b>
% Apparent Water Loss	0.41%	-0.95%

**SCC APPARENT WATER LOSS ALLOCATION (AWL) <sup>(3)</sup>**

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>TOTAL</b>
<b><u>CURRENT MONTH CHARGE / (ADJUSTMENT)</u></b>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
<b>Total Current Month</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b><u>WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)</u></b>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
<b>Total AWL Charged (WYTD)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total AWL Not Charged (WYTD)</b>					<b>(194.8)</b>
<b>Total AWL Incurred (WYTD)</b>					<b>(194.8)</b>

**CACHUMA PROJECT WATER CHARGE**

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRID #1</b>	<b>TOTAL</b>
<b><u>CURRENT MONTH</u></b>						
Water Usage						
M&I	660.7	839.3	335.7	172.2	2.6	2,010.5
Agricultural	244.4	0.0	25.3	210.4	N/A	480.1
<b>Subtotal Project Water Use</b>	<b>905.1</b>	<b>839.3</b>	<b>361.1</b>	<b>382.6</b>	<b>2.6</b>	<b>2,490.6</b>
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss <sup>(4)</sup>	4.0	227.5	21.0	0.0	19.4	272.0
<b>Total Project Water Charge</b>	<b>909.1</b>	<b>1,066.8</b>	<b>382.1</b>	<b>382.6</b>	<b>22.0</b>	<b>2,762.6</b>
<b><u>WATER YEAR-TO-DATE</u></b>						
Water Usage						
M&I	6,635.1	5,460.9	2,520.2	1,562.8	16.0	16,195.1
Agricultural	2,086.0	0.0	196.1	1,745.1	N/A	4,027.2
<b>Subtotal Project Water Use</b>	<b>8,721.1</b>	<b>5,460.9</b>	<b>2,716.3</b>	<b>3,308.0</b>	<b>16.0</b>	<b>20,222.4</b>
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss <sup>(4)</sup>	237.5	1,353.3	193.3	50.5	100.1	1,934.6
<b>Total Project Water Charge (*)</b>	<b>8,958.6</b>	<b>6,814.2</b>	<b>2,909.6</b>	<b>3,358.5</b>	<b>116.1</b>	<b>22,157.0</b>

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



**WATER YEAR 20-21 CACHUMA PROJECT ALLOCATION**

**CACHUMA OPERATION AND MAINTENANCE BOARD  
WATER PRODUCTION AND WATER USE REPORT  
FOR THE MONTH OF JULY 2021 AND THE WATER YEAR TO DATE (WYTD) <sup>(1)</sup>**

(All in rounded Acre Feet)

**CACHUMA PROJECT WATER BALANCE**

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRID #1</b>	<b>TOTAL</b>
<b>Project Water Carryover - 10/1/2020</b>	8,297.4	20,298.1	4,015.7	2,410.8	1,303.6	36,325.6
Transfers/Adjustment	0.0	0.0	0.0	0.0	0.0	0.0
<b>(-) Project Water Charge (WYTD)</b>	<b>8,297.4</b>	<b>6,814.2</b>	<b>2,909.6</b>	<b>2,410.8</b>	<b>116.1</b>	<b>20,548.1</b>
<b>Balance Carryover Water</b>	<b>0.0</b>	<b>13,483.9</b>	<b>1,106.1</b>	<b>0.0</b>	<b>1,187.5</b>	<b>15,777.5</b>
<b>Current Year Allocation <sup>(5)</sup></b>	<b>9,322.0</b>	<b>8,277.0</b>	<b>2,651.0</b>	<b>2,813.0</b>	<b>2,651.0</b>	<b>25,714.0</b>
<b>(-) Balance of Project Water Charge (WYTD)</b>	<b>661.2</b>	<b>0.0</b>	<b>0.0</b>	<b>947.7</b>	<b>0.0</b>	<b>1,608.9</b>
<b>Net Allocation Available Before Adjustments</b>	<b>8,660.8</b>	<b>8,277.0</b>	<b>2,651.0</b>	<b>1,865.3</b>	<b>2,651.0</b>	<b>24,105.1</b>
<b>Adjustments to Net Allocation (WYTD)</b>						
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 <sup>(6)</sup>	285.0	190.0	190.0	126.0	(791.0)	0.0
Transfers/Adjustment - SB/La Cumbre	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Bishop Ranch <sup>(7)</sup>	100.0	0.0	0.0	0.0	0.0	100.0
Transfers/Adjustment - Juncal Transfer	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/SB Overlap	0.0	0.0	0.0	0.0	0.0	0.0
<b>Balance Current Year Allocation</b>	<b>9,045.8</b>	<b>8,467.0</b>	<b>2,841.0</b>	<b>1,991.3</b>	<b>1,860.0</b>	<b>24,205.1</b>
<b>Total Cachuma Project Water Available</b>	<b>9,045.8</b>	<b>21,950.9</b>	<b>3,947.1</b>	<b>1,991.3</b>	<b>3,047.5</b>	<b>39,982.6</b>

**Footnotes**

- (1) Water Year = October 1 through September 30; WYTD = Water Year to Date
- (2) Includes Lauro and Ortega Reservoirs only.
- (3) Based on correspondence from Michael Jackson, dated 09/15/17, which revised the approach to the assessment for unaccounted for water loss based on lake conditions
- (4) Per USBR, evaporation is applied to Cachuma Carryover and SWP water through standard contract formula effective April 1, 2017.
- (5) Per USBR, 100% allocation to Member Agencies, effective 10/1/20.
- (6) Per SWP Exchange Agrmt GWD received 126 AF; City of SB received 84 AF; MWD received 84 AF and CVWD received 56 AF from ID#1 in July 2021.
- (7) Transfer per Contract for Exchange Water with Thomas B. Bishop Company and GWD (100 AF)
- (8) Memo only - State Water Deliveries to Lake Cachuma for July was 137 AF.
- (9) Water Production values corrected for June and July due to issues with North Portal Totalizer

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

MONTH: **JULY 2021**

**GLEN ANNIE RESERVOIR <sup>(1)</sup>**

Capacity at 385' elevation:	335	AF
Capacity at sill of intake at 334' elevation:	21	AF
Stage of Reservoir Elevation	<b>333.0</b>	Feet
Water in Storage	21.04	AF

**LAURO RESERVOIR**

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	<b>546.3</b>	Feet
Water in Storage	450.98	AF

**ORTEGA RESERVOIR**

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	<b>450.5</b>	Feet
Water in Storage	30.97	AF

**CARPINTERIA RESERVOIR**

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	<b>375.8</b>	Feet
Water in Storage	25.25	AF

**TOTAL STORAGE IN RESERVOIRS <sup>(1)</sup>**

Change in Storage	507.20	AF
	69.82	AF

**CACHUMA RESERVOIR**

Capacity at 750' elevation: <sup>(2)</sup>	184,121	AF
Capacity at sill of tunnel 660' elevation:	24,281	AF

Stage of Reservoir Elevation	<b>718.12</b>	Feet
Water in Storage	<b>104,875</b>	AF
Surface Area	<b>2,027</b>	Acres
Evaporation	<b>1,329.3</b>	AF
Inflow	<b>447.2</b>	AF
Downstream Release WR8918	<b>0.0</b>	AF
Fish Release (Hilton Creek)	<b>146.2</b>	AF
Outlet	<b>511.0</b>	AF
Spill/Seismic Release	<b>0</b>	AF
State Water Project Water	<b>143.20</b>	AF
Change in Storage	<b>-4,148</b>	AF
Tecolote Diversion	<b>2,749.3</b>	AF

**Rainfall:    Month:    0.00                      Season:    0.00                      Percent of Normal:    0%**

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

(2) In 2014, flashboard installation raised Cachuma Reservoir max elevation to 753' (193,305 AF); surcharge water reserved for fish releases.





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

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **City of Santa Barbara**  
 Update by COMB 7/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	20,298.1	8,277.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	20,298.1	8,277.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	-----	M & I	-----	Total
196.1	-	196.1	171.9	196.1	368.0	368.0	-	-	-	-
147.5	-	147.5	98.6	147.5	246.1	246.1	-	-	-	-
268.1	-	268.1	76.4	268.1	344.5	344.5	-	-	-	-
319.4	-	319.4	57.7	319.4	377.1	377.1	-	-	-	-
562.0	-	562.0	88.6	562.0	650.6	650.6	-	-	-	-
724.5	-	724.5	117.2	724.5	841.7	841.7	-	-	-	-
818.0	-	818.0	141.5	818.0	959.5	959.5	-	-	-	-
807.9	-	807.9	174.0	807.9	982.0	982.0	-	-	-	-
778.0	-	778.0	199.9	778.0	977.9	977.9	-	-	-	-
839.3	-	839.3	227.5	839.3	1,066.8	1,066.8	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
5,460.9	-	5,460.9	1,353.3	5,460.9	6,814.2	6,814.2	-	-	-	-

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

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation	
		M & I	-----	M & I	-----
Begin Bal	20,298.1	20,298.1	-	8,277.0	-
ID#1 Exch (+17AF)	-	-	-	17.0	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
ID#1 Exch (+29AF)	-	-	-	29.0	-
ID#1 Exch (+60AF)	-	-	-	60.0	-
ID#1 Exch (+84AF)	-	-	-	84.0	-
	-	-	-	-	-
	-	-	-	-	-

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

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation	
		M & I	-----	M & I	-----
	19,930.06	19,930.1	-	8,294.0	-
	19,683.96	19,684.0	-	8,294.0	-
	19,339.48	19,339.5	-	8,294.0	-
	18,962.38	18,962.4	-	8,294.0	-
	18,311.80	18,311.8	-	8,294.0	-
	17,470.06	17,470.1	-	8,294.0	-
	16,510.53	16,510.5	-	8,294.0	-
	15,528.54	15,528.5	-	8,323.0	-
	14,550.67	14,550.7	-	8,383.0	-
	13,483.91	13,483.9	-	8,467.0	-
	-	-	-	-	-
	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 21,950.91

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

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Montecito Water District**  
 Update by COMB 7/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	4,015.7	2,651.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	4,015.7	2,651.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
226.9	17.7	244.6	33.1	244.6	277.7	250.5	27.2	-
182.9	16.8	199.7	18.1	199.7	217.8	195.5	22.3	-
187.0	18.6	205.6	13.4	205.6	219.0	196.2	22.8	-
140.4	8.8	149.2	9.7	149.2	158.9	146.9	12.0	-
174.9	9.5	184.4	14.5	184.4	198.9	184.5	14.4	-
253.0	16.1	269.1	18.3	269.1	287.5	264.7	22.7	-
346.2	28.0	374.2	20.5	374.2	394.7	358.7	36.0	-
346.9	28.8	375.7	22.4	375.7	398.1	359.4	38.7	-
326.2	26.5	352.7	22.3	352.7	375.0	336.9	38.0	-
335.7	25.3	361.1	21.0	361.1	382.1	343.7	38.4	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2,520.2	196.1	2,716.3	193.3	2,716.3	2,909.6	2,636.9	272.7	-

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

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	4,015.7	2,855.8	1,159.9	2,244.0	407.0	2,651.0
ID#1 Exch (+17AF)	-	-	-	9.2	7.8	17.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
ID#1 Exch (+29AF)	-	-	-	14.2	14.8	29.0
ID#1 Exch (+60AF)	-	-	-	30.0	30.0	60.0
ID#1 Exch (+84AF)	-	-	-	39.5	44.5	84.0
	-	-	-	-	-	-
	-	-	-	-	-	-

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

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
	3,738.0	2,605.3	1,132.7	2,253.2	414.8	2,668.0
	3,520.2	2,409.8	1,110.4	2,253.2	414.8	2,668.0
	3,301.2	2,213.6	1,087.5	2,253.2	414.8	2,668.0
	3,142.3	2,066.8	1,075.5	2,253.2	414.8	2,668.0
	2,943.4	1,882.3	1,061.1	2,253.2	414.8	2,668.0
	2,655.9	1,617.6	1,038.3	2,253.2	414.8	2,668.0
	2,261.3	1,258.9	1,002.4	2,253.2	414.8	2,668.0
	1,863.2	899.5	963.7	2,267.4	429.6	2,697.0
	1,488.2	562.6	925.6	2,297.4	459.6	2,757.0
	1,106.1	218.9	887.2	2,336.9	504.1	2,841.0
	-	-	-	-	-	-
	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,947

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

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Carpinteria Valley Water District**  
 Update by COMB 7/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,410.8	2,813.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	2,410.8	2,813.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
164.1	209.1	373.3	18.9	373.3	392.2	173.9	218.3	-
158.3	186.3	344.7	9.2	344.7	353.8	163.2	190.6	-
158.5	183.5	342.1	5.8	342.1	347.9	161.7	186.2	-
134.8	116.5	251.2	3.6	251.2	254.8	136.8	118.0	-
126.9	107.5	234.4	4.5	234.4	238.9	129.5	109.4	-
139.3	127.8	267.2	4.5	267.2	271.7	141.9	129.7	-
166.3	204.5	370.8	3.0	370.8	373.9	168.2	205.7	-
178.3	196.5	374.8	1.0	176.7	177.6	85.0	92.7	198.1
164.0	202.9	366.9	-	-	-	-	-	164.0
172.2	210.4	382.6	-	-	-	-	-	172.2
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1,562.8	1,745.1	3,308.0	50.5	2,360.3	2,410.8	1,160.1	1,250.7	430.4
								517.2
								947.7

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
(81.9)	81.9	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	2,410.8	1,242.0	1,168.8	1,400.0	1,413.0	2,813.0
ID#1 Exch (+11AF)	-	-	-	6.0	5.0	11.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
ID#1 Exch (+19AF)	-	-	-	9.3	9.7	19.0
ID#1 Exch (+40AF)	-	-	-	20.0	20.0	40.0
ID#1 Exch (+56AF)	-	-	-	26.3	29.7	56.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-

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

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
2,018.6	1,068.1	950.5	1,406.0	1,418.0	2,824.0	
1,664.8	904.9	759.8	1,406.0	1,418.0	2,824.0	
1,316.9	743.3	573.6	1,406.0	1,418.0	2,824.0	
1,062.1	606.5	455.6	1,406.0	1,418.0	2,824.0	
823.2	477.0	346.2	1,406.0	1,418.0	2,824.0	
551.5	335.0	216.5	1,406.0	1,418.0	2,824.0	
177.6	166.9	10.8	1,406.0	1,418.0	2,824.0	
0.0	0.0	0.0	1,321.0	1,323.9	2,644.9	
0.0	0.0	0.0	1,177.0	1,140.9	2,317.9	
0.0	0.0	0.0	1,031.2	960.2	1,991.3	
-	-	-	-	-	-	
-	-	-	-	-	-	

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 1,991.3

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

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**  
 Update by COMB 7/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	1,303.6	2,651.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	1,303.6	2,651.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
1.8	-	1.8	11.1	1.8	12.9	2.1	10.7	-
1.3	-	1.3	6.4	1.3	7.7	1.5	6.2	-
1.5	-	1.5	5.0	1.5	6.5	1.6	4.9	-
0.7	-	0.7	3.8	0.7	4.5	0.8	3.7	-
0.7	-	0.7	6.0	0.7	6.7	0.9	5.9	-
1.4	-	1.4	8.3	1.4	9.6	1.6	8.0	-
2.0	-	2.0	10.4	2.0	12.4	2.3	10.1	-
1.9	-	1.9	13.4	1.9	15.3	2.3	13.1	-
2.2	-	2.2	16.2	2.2	18.4	2.6	15.8	-
2.6	-	2.6	19.4	2.6	22.0	3.0	19.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
16.0	-	16.0	100.1	16.0	116.1	18.7	97.4	-

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

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	1,303.6	43.0	1,260.6	935.0	1,716.0	2,651.0
ID#1 Exch (-70AF)	-	-	-	(38.0)	(32.0)	(70.0)
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
ID#1 Exch (-121AF)	-	-	-	(59.3)	(61.7)	(121.0)
ID#1 Exch (-250AF)	-	-	-	(125.0)	(125.0)	(250.0)
ID#1 Exch (-350AF)	-	-	-	(164.5)	(185.5)	(350.0)
-	-	-	-	-	-	-
-	-	-	-	-	-	-

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

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
County Parks Usage (AF)	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
1.8	1,290.7	40.9	1,249.9	897.0	1,684.0	2,581.0
1.3	1,283.1	39.4	1,243.7	897.0	1,684.0	2,581.0
1.5	1,276.6	37.7	1,238.8	897.0	1,684.0	2,581.0
0.7	1,272.1	37.0	1,235.1	897.0	1,684.0	2,581.0
0.7	1,265.3	36.1	1,229.2	897.0	1,684.0	2,581.0
1.4	1,255.7	34.5	1,221.2	897.0	1,684.0	2,581.0
2.0	1,243.2	32.1	1,211.1	897.0	1,684.0	2,581.0
1.9	1,227.9	29.9	1,198.0	837.7	1,622.3	2,460.0
2.2	1,209.5	27.3	1,182.2	712.7	1,497.3	2,210.0
2.6	1,187.5	24.3	1,163.2	548.2	1,311.8	1,860.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **3,047.5**



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

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Santa Barbara Co. Water Agency**  
 Update by COMB 7/31/2021

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

Month	Carryover Balance Prior Yr	Approved Allocation 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	36,325.6	25,714.0	0.0	1,324.9	499.0	1,823.9	301.4	1,823.9	2,125.3	1,576.8	548.5	-	-	-
Nov	-	-	0.0	1,160.2	438.6	1,598.9	165.8	1,598.9	1,764.7	1,299.8	464.9	-	-	-
Dec	-	-	0.0	1,272.1	421.2	1,693.3	123.4	1,693.3	1,816.7	1,376.7	440.1	-	-	-
Jan	-	-	0.0	1,182.9	245.7	1,428.6	89.9	1,428.6	1,518.5	1,259.5	259.0	-	-	-
Feb	-	-	0.0	1,415.6	206.6	1,622.3	134.1	1,622.3	1,756.4	1,529.9	226.5	-	-	-
Mar	-	-	0.0	1,707.1	294.6	2,001.7	172.0	2,001.7	2,173.7	1,853.6	320.1	-	-	-
Apr	-	-	0.0	2,056.6	473.8	2,530.5	198.3	2,530.5	2,728.8	2,226.0	502.7	-	-	-
May	-	-	0.0	2,089.8	490.4	2,580.2	229.6	2,382.1	2,611.7	2,192.8	418.9	94.3	103.9	198.1
Jun	-	-	0.0	1,975.4	477.1	2,452.5	248.1	2,085.6	2,333.6	2,025.4	308.2	164.0	202.9	366.9
Jul	-	-	0.0	2,010.5	480.1	2,490.6	272.0	1,446.8	1,718.8	1,591.5	127.3	654.9	389.0	1,043.8
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	36,325.6	25,714.0	0.4	16,195.1	4,027.2	20,222.4	1,934.6	18,613.5	20,548.1	16,932.0	3,616.1	913.1	695.7	1,608.9

SCHEDULE AND REVISIONS				SCHEDULE AND REVISIONS			
Month	Total	Allocation		Allocation		Total	
		M & I	Agr	M & I	Agr		
Begin Bal	36,325.6	30,233.9	6,091.7	19,588.0	6,126.0	25,714.0	
Oct	-	-	-	7.8	(7.8)	-	
Nov	-	-	-	-	-	-	
Dec	-	-	-	-	-	-	
Jan	-	-	-	-	-	-	
Feb	-	-	-	-	-	-	
Mar	-	-	-	-	-	-	
Apr	-	-	-	100.0	-	100.0	
May	-	-	-	14.8	(14.8)	-	
Jun	-	-	-	30.0	(30.0)	-	
Jul	-	-	-	44.5	(44.5)	-	
Aug	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	

CONVERSIONS (M&I AND AG SPLIT)				
Month	CARRYOVER WATER		CURR YR ALLOCATION	
	M & I	Agr	M & I	Agr
Oct	-	-	-	-
Nov	-	-	-	-
Dec	-	-	-	-
Jan	-	-	-	-
Feb	-	-	-	-
Mar	-	-	-	-
Apr	-	-	-	-
May	(81.9)	81.9	-	-
Jun	329.1	(329.1)	-	-
Jul	178.0	(178.0)	-	-
Aug	-	-	-	-
Sep	-	-	-	-

BALANCE - CARRYOVER WATER				BALANCE - CURR YR ALLOC			
Month	County Parks Usage (AF)	Total	Allocation		Allocation		
			M & I	Agr	M & I	Agr	
Oct	1.8	34,200.3	28,657.1	5,543.2	19,595.8	6,118.2	25,714.0
Nov	1.3	32,435.7	27,357.3	5,078.3	19,595.8	6,118.2	25,714.0
Dec	1.5	30,618.9	25,980.6	4,638.3	19,595.8	6,118.2	25,714.0
Jan	0.7	29,100.4	24,721.2	4,379.2	19,595.8	6,118.2	25,714.0
Feb	0.7	27,344.0	23,191.3	4,152.8	19,595.8	6,118.2	25,714.0
Mar	1.4	25,170.4	21,337.7	3,832.7	19,595.8	6,118.2	25,714.0
Apr	2.0	22,441.6	19,111.7	3,329.9	19,695.8	6,118.2	25,814.0
May	1.9	19,829.9	16,836.9	2,993.0	19,616.3	5,999.6	25,615.9
Jun	2.2	17,496.3	15,140.5	2,355.7	19,482.3	5,766.7	25,248.9
Jul	2.6	15,777.5	13,727.1	2,050.4	18,872.0	5,333.2	24,205.1
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 39,982.6

# CACHUMA DAILY OPERATIONS

Month & Year: August 2021  
 Time of Observations: 0830 Evaporation Pan Factor: 81%

Day	Beginning Storage: 104,875			Surface Area	Rainfall		Evaporation		CCWA Inflow	Releases					Computed Inflow		
	Elevation	Storage	Change		inches	acre-feet	inches	acre-feet		Park Diversion	South Coast	Hilton Creek	WR 89-18	Outlet		Spillway	
	ft	acre-feet	acre-feet		acres	inches	acre-feet	inches		acre-feet	acre-feet	acre-feet	acre-feet	acre-feet		acre-feet	acre-feet
1	718.05	104,733	(142)	2,026	-		0.300	41.0		1.8		85.3	2.8	-	22.0	-	7.3
2	717.99	104,612	(121)	2,024	-		0.290	39.6		4.0		84.4	2.8	-	21.0	-	22.8
3	717.90	104,429	(183)	2,022	-		0.320	43.7		4.0		85.6	3.4	41.0	-	-	(13.3)
4	717.82	104,267	(162)	2,020	-		0.300	40.9		4.0		87.0	3.3	68.0	-	-	33.2
5	717.72	104,064	(203)	2,018	-		0.270	36.8		4.0		81.9	3.2	98.0	-	-	12.9
6	717.58	103,781	(283)	2,015	-		0.320	43.5		4.0		85.8	3.0	150.0	-	-	(4.7)
7	717.44	103,501	(280)	2,011	-		0.350	47.5		3.8		84.2	2.7	177.0	-	-	27.6
8	717.29	103,200	(301)	2,008	-		0.310	42.0		4.0		84.9	2.7	180.0	-	-	4.6
9	717.16	102,939	(261)	2,004	-		0.290	39.2		4.0		84.1	2.7	178.0	-	-	39.0
10	717.02	102,658	(281)	2,001	-		0.290	39.2		4.0		85.6	2.7	178.0	-	-	20.5
11	716.87	102,358	(300)	1,997	-		0.310	41.8		4.0		84.3	2.7	178.0	-	-	2.8
12	716.74	102,097	(261)	1,994	-		0.270	36.3		4.0		85.0	2.7	178.0	-	-	37.0
13	716.61	101,837	(260)	1,991	-		0.280	37.6		22.6		83.7	2.7	164.0	-	-	5.4
14	716.52	101,658	(179)	1,989	-		0.400	53.7		22.7		85.2	2.9	124.0	-	-	64.1
15	716.42	101,460	(198)	1,987	-		0.290	38.9		22.7		84.2	3.0	119.0	-	-	24.4
16	716.31	101,242	(218)	1,984	-		0.290	38.8		22.7		83.3	2.9	119.0	-	-	3.3
17	716.22	101,064	(178)	1,982	-		0.290	38.8		22.7		86.4	3.1	85.0	-	-	12.6
18	716.14	100,906	(158)	1,980	-		0.260	34.8		25.4		81.7	3.1	79.0	-	-	15.2
19	716.07	100,747	(159)	1,978	-		0.250	33.4		25.5		80.8	3.1	61.0	-	-	(6.2)
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	

<b>TOTALS</b>			(4,128)		-	-	5.680	767.6	-	209.9	-	1,603.4	55.5	2,177.0	43.0	-	308.6
---------------	--	--	---------	--	---	---	-------	-------	---	-------	---	---------	------	---------	------	---	-------

Park Usage  Rain Yr. Total



**Santa Barbara County Parks Division,  
Cachuma Lake Recreation Area  
Summary of Aquatic Invasive Species Vessel Inspection Program  
and Early Detection Monitoring Program: July 2021**



<b>Cachuma Lake Recreation Area Launch Data - July 2021</b>		
<b>Vessel Data</b>		
Total Vessels Entering Park	850	
Total Vessels Launched	829	
Total Vessels Quarantined	21	
Returning (Tagged) Boats Launched	559	67%
Kayak/Canoe Launched	270	33%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
<b>Vessel Inspection Data</b>		
Total Vessels Inspected	291	
Boats Inspected	21	
Kayaks/Canoes Inspected	270	
<b>Quarantine Data</b>		
Total Vessels Quarantined	21	
Quarantined 14 days	*	
Quarantined 30 days	21	
<b>Quarantine Cause</b>		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	2	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	21	
<b>Demographic Data</b>		
Quarantined from infected county	2	
Quarantined from SB County	18	
Quarantined from uninfected co	1	
Quarantined from out of state	0	

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

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

\* These conditions are no longer being tracked.

**EARLY DETECTION MONITORING PROGRAM SUMMARY**

Summary: No Dreissenid Mussels were detected, nor Aquatic Invasive Species of any kind.

Inspection Site: Cachuma Lake, Santa Barbara County, California.

Inspection Date and Time: 2021.07.30; 10 a.m. to 12 p.m. PDT.

Method: 5 Sampling Stations; 30 meters/98.4 linear feet of line.

Surveyors: COSB, Parks Division Staff (Naturalist Rosey Bishop, Assistant Naturalist Kristin Loft, and Naturalist Intern Nishan Mahdasian).

Lake elevation: Max feet: 753.00, current 718.19.; Max acre-feet: 193,305, current: 105,018;

Current capacity: 54.3%