



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

**Monday, July 22, 2024
1:00 P.M.**

HOW TO OBSERVE THE MEETING

Join by Teleconference or Attend in Person

COMB follows Centers for Disease Control and Prevention (CDC), California Department of Public Health (CDPH) and local public health guidelines with respect to COVID-19 protocols and masking requirements, based on local conditions and needs. COMB will have available masks for use during public meetings.

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

Join via Video Conference

<https://us02web.zoom.us/j/83591656364?pwd=cIHnQSotbTdjhcONhUaLbB9lh2bv8o.1>

Passcode: 727079

Join via Teleconference

US +1 669 900 6833 Webinar ID: 835 9165 6364 Passcode: 727079

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.

In person: Those observing the meeting in person may make comments during designated public comment periods.

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.

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

Monday, July 22, 2024

1:00 PM

AGENDA

NOTICE: This Meeting shall be conducted in-person and through remote access as authorized and in accordance with Government Code section 54953, AB 361 and AB 2449.

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 June 24, 2024 Regular Board Meeting
- b. Investment of Funds
 - Financial Reports
 - Investment Reports
- c. Review of Paid Claims

4. PROPOSED ANNUAL RESOLUTIONS

Action: Recommend approval by motion and roll call vote on one motion unless member requests separate consideration

- a. Resolution No. 800 Adopting Annual Statement of Investment Policy
- b. Resolution No. 801 Authorizing Investment of Monies in the Local Agency Investment Fund
- c. Resolution No. 802 Establishing a Supplemental Account Agreement for Telephone Transfers
- d. Resolution No. 803 Establishing a Check Signing Policy for General Fund Account Payment of Claims
- e. Resolution No. 804 Authorizing Signatories for General Fund Account at American Riviera Bank
- f. Resolution No. 805 Authorizing Signatories for Revolving Fund Account at American Riviera Bank
- g. Resolution No. 806 Establishing a Check Signing Policy for Cachuma Project Trust Fund and Master Contract Renewal Fund Accounts for Payment of Claims
- h. Resolution No. 807 Authorizing Signatories for Trust Fund and Renewal Fund Accounts at American Riviera Bank
- i. Resolution No. 808 Establishing a Time and Place for Board Meetings

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5. **PRESENTATION ON THE WATER YEAR 2023 ANNUAL MONITORING SUMMARY**
Receive a presentation on the Water Year 2023 Annual Monitoring Summary
6. **GENERAL MANAGER REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to, the following:
 - Administration
7. **ENGINEER'S REPORT**
Receive information from the COMB Engineer, including but not limited to, the following:
 - Climate Conditions
 - 2024 Lake Fire
 - Winter Storm Damage and Repairs
 - Infrastructure Improvement Projects Update
8. **OPERATIONS DIVISION REPORT**
Receive information from the Operations Division, including but not limited to, the following:
 - Lake Cachuma Operations
 - Operation and Maintenance Activities
9. **FISHERIES DIVISION REPORT**
Receive information from the Fisheries Division Manager, including but not limited to, the following:
 - LSYR Steelhead Monitoring Elements
 - Surcharge Water Accounting
 - Reporting/Outreach/Training
10. **PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM**
Receive information on the Oak Tree Program, including but not limited to, the following:
 - Maintenance and Monitoring
 - End of Program Plan
11. **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
12. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**
13. **MEETING SCHEDULE**
 - Regular Board Meeting – August 26, 2024 at 1:00 PM
 - Board Packages available on COMB website www.cachuma-board.org
14. **COMB ADJOURNMENT**

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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.

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

**Monday, June 24, 2024
1:00 PM**

MINUTES

1. CALL TO ORDER, ROLL CALL

The regular meeting of the Board of Directors was called to order by President Holcombe at 1:03 PM.

Directors Present:

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

General Counsel Present:

William Carter - Musick, Peeler, Garrett, LLP

Staff Present:

Janet Gingras, General Manager	Shane King, Ops Supervisor/Chief Distribution Operator
Joel Degner, Engineer/Operations Division Mgr.	Rosey Bishop, Administrative Assistant II
Scott Engblom, Fisheries Biologist	Dorothy Turner, Administrative Assistant II

Others Present:

Dana Hoffenberg, City of Santa Barbara	Matt Young, County of SB Water Agency
Matthew Scrudato, County of SB Water Agency	Jordan Benshea, Resident

2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

- a. Minutes of May 20, 2024 Regular Board Meeting
- b. Investment of Funds
 - Financial Reports
 - Investment Reports
- c. Review of Paid Claims

Ms. Gingras presented the Consent Agenda items and reported the receipt of the IRWMP grant funds as well as reimbursement from CalOES for 2023 storm damages. She drew the Board's attention to a number of Paid Claims of note, including remittances to Coastline Equipment, Freeboard, Smith MEP, Versatube and finally, the return of the IRWMP funds to the Member Agencies.

President Holcombe asked for a motion to approve the Consent Agenda, provided by Director Sneddon and seconded by Director Hanson. The motion carried unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

4. VERBAL REPORTS FROM BOARD COMMITTEES

- Fisheries Committee Meeting – June 6, 2024

Director Hanson provided a succinct recap of the Fisheries Committee meeting, stating that it was very informative. The Committee is forwarding two items to the Board meeting today with recommendations to approve.

5. FISCAL YEAR 2024-25 ELECTIONS AND APPOINTMENTS OF CACHUMA OPERATION AND MAINTENANCE BOARD

- a. Election of President
- b. Election of Vice-President
- c. Appointment of ACWA/JPIA Representative and Alternate
- d. Appointment of General Counsel
- e. Appointment of Secretary of the Board
- f. Appointment of Treasurer /Auditor-Controller

President Holcombe introduced the slates for elections and appointments and asked for nominations. Director Hanson nominated President Holcombe to serve another term and provided the motion. Director Hayman seconded and the motion carried unanimously with a vote of six in favor to elect President Holcombe to serve as President for the 2024-25 term.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

Director Hayman nominated Director Sneddon to serve another term as Vice President and provided the motion which was seconded by Director Hanson. The motion carried with a vote of six in favor to elect Director Sneddon to serve as Vice President for the 2024-25 term.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

As there were no requests to change appointments, Director Sneddon motioned to appoint the slate (items C-F) as presented. Director Hayman seconded the motion which was approved by a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

6. FISH PASSAGE AND HABITAT ENHANCEMENT PROJECT – SOLE SOURCE CONSTRUCTION CONTRACT

Ms. Gingras provided a summary of previous discussions regarding the damages incurred by the crossings during the 2023 storms and the proposed funding. She presented the Sole Source Justification (SSJ) to execute a contract with Lapidus Construction, Inc. as the most efficacious path for repair.

Director Hanson motioned to approve the SSJ, followed by a second from Director Sneddon. The motion to approve the SSJ carried with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

7. RESOLUTION NO. 799 – U. S BUREAU OF RECLAMATION ACTIVITIES AGREEMENT

Ms. Gingras presented the Activities Agreement and Resolution No. 799 for discussion and approval. She provided a historical perspective of fisheries activities and reviewed the major details of the agreement. She noted that it is a living document with built-in flexibility for revision as needs arise, including the publication of the next Biological Opinion. Ms. Gingras fielded questions and discussion from the Board.

Director Hanson made a motion to adopt the agreement via resolution and Director Hayman seconded. The motion carried with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

8. GENERAL MANAGER REPORT

- Administration
- U.S. Bureau of Reclamation

Ms. Gingras presented the General Manager Report. She advised the Ms. Bishop had attended a Southern California Edison (SCE) 2024 Critical Infrastructure workshop, largely focusing on Public Safety Shutdowns. Ms. Bishop provided a recap of the actions SCE is taking to minimize the impact of such shutdowns. She fielded questions from the Board. Ms. Gingras proceeded to update the Board on the progress of the electronic vehicle cost benefit analysis, stating that more data is required in order to make a determination as to cost effectiveness. She recapped several topics including the upcoming OPEB Valuation, the completion of the hazardous materials audit required by Reclamation and the permitting of COMB's generators. Ms. Gingras fielded questions from the Board. Finally, she noted proudly Mr. Degner's milestone achievement of his D-4 certification, a first for COMB.

10. ENGINEER'S REPORT

- Climate Conditions
- Winter Storm Damage and Repairs
- Infrastructure Improvement Projects Update

Mr. Degner initiated his report with information on lake elevation and forecasted climate conditions. He noted that this year has recorded the 9th largest spill volume. Mr. Degner provided information regarding ongoing funding efforts and reimbursements received. Finally, he reported that staff is working on a cost benefit analysis for a potential solar installation.

11. OPERATIONS DIVISION REPORT

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. King presented the Operations Division report. He advised that staff has spent most of their time engaged in defensible space clearance. As well, Mr. King reported that generator electronics were being upgraded and a rope retrieval system had been purchased for elevator emergencies. A discussion of elevator safety measures ensued in response to comments from Board members.

12. FISHERIES DIVISION REPORT

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

Mr. Engblom provided comments on the Fisheries Division report, highlighting migrant trapping statistics and noting that O.mykiss appear to be resilient and thriving in several habitats. He added that snorkel surveys will provide more data on numbers of fish. As well, he reported that target flows had been met at the various measuring points.

13. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

- Maintenance and Monitoring
- End of Program Plan

Mr. Engblom presented the Oak Tree report. Staff has commenced irrigation efforts and weeding continues.

14. MONTHLY CACHUMA PROJECT REPORTS

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

Ms. Gingras referenced the Cachuma Project reports noting nothing unusual. She stated that they will look different next month due to the end of the release. She fielded questions from the Board. She and staff provided input in response.

15. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

Directors requested future updates on elevator safety measures.

17. MEETING SCHEDULE

- **Regular Board Meeting – July 22, 2024 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

18. COMB ADJOURNMENT

There being no further business, the meeting was adjourned at 2:21 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

√	<i>Approved</i>
	<i>Unapproved</i>

APPROVED:

Polly Holcombe, President of the Board

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

As of June 30, 2024
UNAUDITED FINANCIALS

	June 30, 2024
ASSETS	
Current Assets	
Checking/Savings	
Trust Funds	
1210 · Warren Act Trust Fund	\$ 71,561.28
1220 · Renewal Fund	126,162.26
Total Trust Funds	\$ 197,723.54
1050 · General Fund	530,733.13
1100 · Revolving Fund	51,596.28
Total Checking/Savings	780,052.95
Accounts Receivable	
1301 · Accounts Receivable	1,570.00
Total Accounts Receivable	1,570.00
Other Current Assets	
1200 · LAIF	1,374,148.49
1010 · Petty Cash	500.00
1303 · Bradbury SOD Act Assessments Receivable	228,082.99
1304 · Lauro Dam SOD Assessments Receivable	34,757.91
1400 · Prepaid Insurance	12,155.72
Total Other Current Assets	1,649,645.11
Total Current Assets	2,431,268.06
Fixed Assets	
1500 · Vehicles	726,893.50
1505 · Office Furniture & Equipment	248,483.73
1510 · Mobile Offices	424,910.38
1515 · Field Equipment	552,543.06
1520 · Building Improvements	62,263.00
1524 · Infrastructure	4,751,941.69
1550 · Accumulated Depreciation	(1,143,966.94)
Total Fixed Assets	5,623,068.42
Other Assets	
1910 · Long Term Bradbury SOD Act Assessments Receivable	3,608,470.07
1920 · Long Term Lauro SOD Act Assessments Receivable	670,778.85
1922 · Deferred Outflow of Resources (GASB 68)	1,136,753.00
1923 · Deferred Outflow (GASB 75)	652,844.00
Total Other Assets	6,068,845.92
TOTAL ASSETS	\$ 14,123,182.40

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

As of June 30, 2024
UNAUDITED FINANCIALS

June 30, 2024

LIABILITIES & NET POSITION

Liabilities

Current Liabilities

Accounts Payable

2200 · Accounts Payable \$ 111,563.40

Total Accounts Payable 111,563.40

Other Current Liabilities

2505 · Accrued Wages 35,286.11

2550 · Vacation/Sick 254,076.70

2561 · Bradbury Dam SOD Act 228,082.99

2563 · Lauro Dam SOD Act 34,757.91

2565 · Accrued Interest SOD Act 34,659.00

2590 · Deferred Revenue 197,723.54

Total Other Current Liabilities 784,586.25

Total Current Liabilities 896,149.65

Long Term Liabilities

2602 · Long Term SOD Act Liability-Bradbury 3,608,460.07

2603 · Long Term SOD Act Liability - Lauro 670,778.85

2604 · OPEB Long Term Liability 3,378,115.00

2610 · Net Pension Liability (GASB 68) 2,500,359.00

2611 · Deferred Inflow of Resources (GASB 68) 129,899.00

2612 · Deferred Inflow of Resources (GASB 75) 1,035,632.00

Total Long Term Liabilities 11,323,243.92

Total Liabilities 12,219,393.57

Net Position

3000 · Opening Balance Net Position (5,296,580.05)

3901 · Retained Net Assets 6,247,122.43

Net Surplus / Deficit 953,246.45

Total Net Position 1,903,788.83

TOTAL LIABILITIES & NET POSITION **\$ 14,123,182.40**

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2023 - June 2024

	Fisheries				Operations				TOTAL			
	Jul '23 - Jun 24	Budget	\$ Over / (Under) Budget	% of Budget	Jul '23 - Jun 24	Budget	\$ Over / (Under) Budget	% of Budget	Jul '23 - Jun 24	Budget	\$ Over / (Under) Budget	% of Budget
Revenue												
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	\$ 1,146,672.00	\$ 1,146,671.00	\$ 1.00	100.0%	\$ 3,782,311.00	\$ 3,782,312.00	\$ (1.00)	100.0%	\$ 4,928,983.00	\$ 4,928,983.00	\$ -	100.0%
3005 · Assessments Returned to Member	0.00				-1,000,000.00	0.00	-1,000,000.00	100.0%	-1,000,000.00	0.00	-1,000,000.00	100.0%
3006 · Warren Act	229,354.31	210,786.00	18,568.31	108.81%	0.00				229,354.31	210,786.00	18,568.31	108.81%
3007 · Renewal Fund	132,179.00	76,456.00	55,723.00	172.88%	0.00				132,179.00	76,456.00	55,723.00	172.88%
3010 · Interest Income	0.00				40,833.52	0.00	40,833.52	100.0%	40,833.52	0.00	40,833.52	100.0%
3014 · Non-Member Agency Revenue	52,117.00	0.00	52,117.00	100.0%	0.00				52,117.00	0.00	52,117.00	100.0%
3020 · Misc Income	0.00				16,817.80	20,000.00	-3,182.20	84.09%	16,817.80	20,000.00	-3,182.20	84.09%
3021 · Grant Income	0.00				480.00	0.00	480.00	100.0%	480.00	0.00	480.00	100.0%
3035 · Cachuma Project Betterment Fund	100,000.00	100,000.00	0.00	100.0%	0.00				100,000.00	100,000.00	0.00	100.0%
3046 · CVWD Cooperative Agrmnt Funding	0.00				0.00	550,000.00	-550,000.00	0.0%	0.00	550,000.00	-550,000.00	0.0%
3047 · 2023 Winter Storms	0.00				328,377.53	1,101,563.00	-773,185.47	29.81%	328,377.53	1,101,563.00	-773,185.47	29.81%
3048 · IRWMP Grant	0.00				1,000,000.00	0.00	1,000,000.00	100.0%	1,000,000.00	0.00	1,000,000.00	100.0%
Total 3000 REVENUE	\$ 1,660,322.31	\$ 1,533,913.00	\$ 126,409.31	108.24%	\$ 4,168,819.85	\$ 5,453,875.00	\$ (1,285,055.15)	76.44%	\$ 5,829,142.16	\$ 6,987,788.00	\$ (1,158,645.84)	83.42%
Expense												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 1,010,421.42	\$ 1,220,348.00	\$ (209,926.58)	82.8%	\$ 1,010,421.42	\$ 1,220,348.00	\$ (209,926.58)	82.8%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				36,116.83	40,000.00	-3,883.17	90.29%	36,116.83	40,000.00	-3,883.17	90.29%
3202 · Fixed Capital	0.00				246,713.79	200,000.00	46,713.79	123.36%	246,713.79	200,000.00	46,713.79	123.36%
3203 · Equipment Rental	0.00				1,933.76	40,000.00	-38,066.24	4.83%	1,933.76	40,000.00	-38,066.24	4.83%
3204 · Miscellaneous	0.00				6,844.11	10,000.00	-3,155.89	68.44%	6,844.11	10,000.00	-3,155.89	68.44%
Total 3200 VEH & EQUIPMENT	0.00				291,608.49	290,000.00	1,608.49	100.56%	291,608.49	290,000.00	1,608.49	100.56%
3300 · CONTRACT LABOR												
3301 · Conduit, Meter, Valve & Misc	0.00				27,841.18	35,000.00	-7,158.82	79.55%	27,841.18	35,000.00	-7,158.82	79.55%
3302 · Buildings & Roads	0.00				44,730.46	25,000.00	19,730.46	178.92%	44,730.46	25,000.00	19,730.46	178.92%
3303 · Reservoirs	0.00				73,182.33	60,000.00	13,182.33	121.97%	73,182.33	60,000.00	13,182.33	121.97%
3304 · Engineering, Misc Services	0.00				16,534.00	40,000.00	-23,466.00	41.34%	16,534.00	40,000.00	-23,466.00	41.34%
Total 3300 · CONTRACT LABOR	0.00				162,287.97	160,000.00	2,287.97	101.43%	162,287.97	160,000.00	2,287.97	101.43%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				81,016.91	70,000.00	11,016.91	115.74%	81,016.91	70,000.00	11,016.91	115.74%
3402 · Buildings & Roads	0.00				3,125.25	20,000.00	-16,874.75	15.63%	3,125.25	20,000.00	-16,874.75	15.63%
3403 · Reservoirs	0.00				5,301.27	10,000.00	-4,698.73	53.01%	5,301.27	10,000.00	-4,698.73	53.01%
Total 3400 · MATERIALS & SUPPLIES	0.00				89,443.43	100,000.00	-10,556.57	89.44%	89,443.43	100,000.00	-10,556.57	89.44%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				7,215.37	7,000.00	215.37	103.08%	7,215.37	7,000.00	215.37	103.08%
3502 · Uniforms	0.00				8,251.19	5,750.00	2,501.19	143.5%	8,251.19	5,750.00	2,501.19	143.5%
3503 · Communications	0.00				11,878.58	15,800.00	-3,921.42	75.18%	11,878.58	15,800.00	-3,921.42	75.18%
3504 · USA & Other Services	0.00				5,433.74	7,250.00	-1,816.26	74.95%	5,433.74	7,250.00	-1,816.26	74.95%
3505 · Miscellaneous	0.00				13,536.97	12,000.00	1,536.97	112.81%	13,536.97	12,000.00	1,536.97	112.81%
3506 · Training	0.00				7,082.49	3,000.00	4,082.49	236.08%	7,082.49	3,000.00	4,082.49	236.08%
3507 · Permits	0.00				28,569.80	25,000.00	3,569.80	114.28%	28,569.80	25,000.00	3,569.80	114.28%
Total 3500 · OTHER EXPENSES	0.00				81,968.14	75,800.00	6,168.14	108.14%	81,968.14	75,800.00	6,168.14	108.14%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2023 - June 2024

	Fisheries				Operations				TOTAL			
	Jul '23 - Jun 24	Budget	\$ Over / (Under) Budget	% of Budget	Jul '23 - Jun 24	Budget	\$ Over / (Under) Budget	% of Budget	Jul '23 - Jun 24	Budget	\$ Over / (Under) Budget	% of Budget
4100 · LABOR - FISHERIES	770,622.12	824,382.00	-53,759.88	93.48%	0.00				770,622.12	824,382.00	-53,759.88	93.48%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	30,611.61	30,000.00	611.61	102.04%	0.00				30,611.61	30,000.00	611.61	102.04%
4280 · Fixed Capital	6,850.00	20,000.00	-13,150.00	34.25%	0.00				6,850.00	20,000.00	-13,150.00	34.25%
4290 · Miscellaneous	1,014.47	2,500.00	-1,485.53	40.58%	0.00				1,014.47	2,500.00	-1,485.53	40.58%
Total 4200 · VEHICLES & EQUIP - FISHERIES	38,476.08	52,500.00	-14,023.92	73.29%	0.00				38,476.08	52,500.00	-14,023.92	73.29%
4220 · CONTRACT LABOR - FISHERIES												
4221 · Meters & Valves	1,546.55	3,000.00	-1,453.45	51.55%	0.00				1,546.55	3,000.00	-1,453.45	51.55%
4222 · Fish Projects Maintenance	9,194.94	11,100.00	-1,905.06	82.84%	0.00				9,194.94	11,100.00	-1,905.06	82.84%
Total 4220 · CONTRACT LABOR - FISHERIES	10,741.49	14,100.00	-3,358.51	76.18%	0.00				10,741.49	14,100.00	-3,358.51	76.18%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	6,957.63	8,000.00	-1,042.37	86.97%	0.00				6,957.63	8,000.00	-1,042.37	86.97%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	6,957.63	8,000.00	-1,042.37	86.97%	0.00				6,957.63	8,000.00	-1,042.37	86.97%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	3,456.45	5,000.00	-1,543.55	69.13%	0.00				3,456.45	5,000.00	-1,543.55	69.13%
4503 · Permits	462.91	5,000.00	-4,537.09	9.26%	0.00				462.91	5,000.00	-4,537.09	9.26%
Total 4500 · OTHER EXPENSES - FISHERIES	3,919.36	10,000.00	-6,080.64	39.19%	0.00				3,919.36	10,000.00	-6,080.64	39.19%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				8,809.15	12,400.00	-3,590.85	71.04%	8,809.15	12,400.00	-3,590.85	71.04%
5001 · Director Mileage	0.00				508.86	600.00	-91.14	84.81%	508.86	600.00	-91.14	84.81%
5100 · Legal	0.00				30,365.30	75,000.00	-44,634.70	40.49%	30,365.30	75,000.00	-44,634.70	40.49%
5101 · Audit	0.00				15,022.01	22,750.00	-7,727.99	66.03%	15,022.01	22,750.00	-7,727.99	66.03%
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				46,932.74	39,400.00	7,532.74	119.12%	46,932.74	39,400.00	7,532.74	119.12%
5310 · Postage/Office Exp	0.00				5,646.04	6,000.00	-353.96	94.1%	5,646.04	6,000.00	-353.96	94.1%
5311 · Office Equip/Leases	0.00				8,206.14	13,440.00	-5,233.86	61.06%	8,206.14	13,440.00	-5,233.86	61.06%
5312 · Misc Admin Expenses	0.00				14,436.68	11,000.00	3,436.68	131.24%	14,436.68	11,000.00	3,436.68	131.24%
5313 · Communications	0.00				9,188.65	9,500.00	-311.35	96.72%	9,188.65	9,500.00	-311.35	96.72%
5314 · Utilities	0.00				12,046.83	9,735.00	2,311.83	123.75%	12,046.83	9,735.00	2,311.83	123.75%
5315 · Membership Dues	0.00				11,582.85	11,700.00	-117.15	99.0%	11,582.85	11,700.00	-117.15	99.0%
5316 · Admin Fixed Assets	0.00				2,440.23	12,000.00	-9,559.77	20.34%	2,440.23	12,000.00	-9,559.77	20.34%
5318 · Computer Consultant	0.00				32,591.94	25,000.00	7,591.94	130.37%	32,591.94	25,000.00	7,591.94	130.37%
5325 · Emp Training/Subscriptions	0.00				1,799.56	2,000.00	-200.44	89.98%	1,799.56	2,000.00	-200.44	89.98%
5330 · Admin Travel	0.00				2,392.71	3,500.00	-1,107.29	68.36%	2,392.71	3,500.00	-1,107.29	68.36%
5331 · Public Information	0.00				3,280.51	3,500.00	-219.49	93.73%	3,280.51	3,500.00	-219.49	93.73%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				205,250.20	262,525.00	-57,274.80	78.18%	205,250.20	262,525.00	-57,274.80	78.18%
5299 · ADMIN LABOR	0.00				632,346.44	670,202.00	-37,855.56	94.35%	632,346.44	670,202.00	-37,855.56	94.35%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	15,089.70	25,000.00	-9,910.30	60.36%	0.00				15,089.70	25,000.00	-9,910.30	60.36%
5410 · Postage / Office Supplies	2,830.43	4,000.00	-1,169.57	70.76%	0.00				2,830.43	4,000.00	-1,169.57	70.76%
5411 · Office Equipment / Leases	4,449.56	8,533.00	-4,083.44	52.15%	0.00				4,449.56	8,533.00	-4,083.44	52.15%
5412 · Misc. Admin Expense	8,052.42	7,500.00	552.42	107.37%	0.00				8,052.42	7,500.00	552.42	107.37%
5413 · Communications	4,947.69	4,455.00	492.69	111.06%	0.00				4,947.69	4,455.00	492.69	111.06%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2023 - June 2024

	Fisheries				Operations				TOTAL			
	Jul '23 - Jun 24	Budget	\$ Over / (Under) Budget	% of Budget	Jul '23 - Jun 24	Budget	\$ Over / (Under) Budget	% of Budget	Jul '23 - Jun 24	Budget	\$ Over / (Under) Budget	% of Budget
5414 · Utilities	6,486.76	5,243.00	1,243.76	123.72%	0.00				6,486.76	5,243.00	1,243.76	123.72%
5415 · Membership Dues	7,092.15	7,200.00	-107.85	98.5%	0.00				7,092.15	7,200.00	-107.85	98.5%
5416 · Admin Fixed Assets	2,260.16	5,000.00	-2,739.84	45.2%	0.00				2,260.16	5,000.00	-2,739.84	45.2%
5418 · Computer Consultant	17,549.49	15,000.00	2,549.49	117.0%	0.00				17,549.49	15,000.00	2,549.49	117.0%
5425 · Employee Education/Subscription	1,468.25	2,500.00	-1,031.75	58.73%	0.00				1,468.25	2,500.00	-1,031.75	58.73%
5426 · Director Fees	4,743.36	6,700.00	-1,956.64	70.8%	0.00				4,743.36	6,700.00	-1,956.64	70.8%
5427 · Director Mileage	273.96	300.00	-26.04	91.32%	0.00				273.96	300.00	-26.04	91.32%
5430 · Travel	1,617.09	4,000.00	-2,382.91	40.43%	0.00				1,617.09	4,000.00	-2,382.91	40.43%
5431 · Public Information	1,541.37	1,500.00	41.37	102.76%	0.00				1,541.37	1,500.00	41.37	102.76%
5441 · Audit	8,247.99	12,250.00	-4,002.01	67.33%	0.00				8,247.99	12,250.00	-4,002.01	67.33%
5443 · Liab & Property Ins	25,271.47	22,000.00	3,271.47	114.87%	0.00				25,271.47	22,000.00	3,271.47	114.87%
Total 5400 · GENERAL & ADMIN - FISHERIES	111,921.85	131,181.00	-19,259.15	85.32%	0.00				111,921.85	131,181.00	-19,259.15	85.32%
5499 · ADMIN LABOR-FISHERIES	244,423.27	296,750.00	-52,326.73	82.37%	0.00				244,423.27	296,750.00	-52,326.73	82.37%
5510 · Integrated Reg. Water Mgt Plan	0.00				1,121.73	5,000.00	-3,878.27	22.44%	1,121.73	5,000.00	-3,878.27	22.44%
6199 · SPECIAL PROJECTS												
6097 · GIS and Mapping	0.00				10,336.55	10,000.00	336.55	103.37%	10,336.55	10,000.00	336.55	103.37%
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%
6110 · SCADA Improvements & Support	0.00				12,835.15	35,000.00	-22,164.85	36.67%	12,835.15	35,000.00	-22,164.85	36.67%
6115 · COMB Blding Improvemnts & Maint	0.00				42,994.84	80,000.00	-37,005.16	53.74%	42,994.84	80,000.00	-37,005.16	53.74%
6125 · 2023 Winter Storm Repairs	0.00				639,504.57	1,175,000.00	-535,495.43	54.43%	639,504.57	1,175,000.00	-535,495.43	54.43%
6126 · 2024 Winter Storm Repairs	0.00				2,249.00	0.00	2,249.00	100.0%	2,249.00	0.00	2,249.00	100.0%
6138 · Water Quality & Sediment Mgmt	0.00				58,701.33	50,000.00	8,701.33	117.4%	58,701.33	50,000.00	8,701.33	117.4%
Total 6199 · SPECIAL PROJECTS	0.00				766,621.44	1,370,000.00	-603,378.56	55.96%	766,621.44	1,370,000.00	-603,378.56	55.96%
6000 · INFRASTRUCTURE IMPROVEMENT PROJ												
6055 · Bradbury Dam Outlet Works	0.00				117,929.64	117,930.00	-0.36	100.0%	117,929.64	117,930.00	-0.36	100.0%
6096 · Lower Reach BlowOff AVAR Valve	0.00				0.00	82,070.00	-82,070.00	0.0%	0.00	82,070.00	-82,070.00	0.0%
6136 · SCC Isolation Valve Evaluation	0.00				0.00	550,000.00	-550,000.00	0.0%	0.00	550,000.00	-550,000.00	0.0%
6137 · Rehab SCC Lateral Structures	0.00				0.00	550,000.00	-550,000.00	0.0%	0.00	550,000.00	-550,000.00	0.0%
Total 6000 · INFRASTRUCTURE IMPROVEMENT PROJ	0.00				117,929.64	1,300,000.00	-1,182,070.36	9.07%	117,929.64	1,300,000.00	-1,182,070.36	9.07%
6200 · PROGRAM SUPPORT SERVICES												
6201 · BO/FMP Implementation	19,936.24	42,000.00	-22,063.76	47.47%	0.00				19,936.24	42,000.00	-22,063.76	47.47%
6202 · GIS and Mapping	5,020.45	10,000.00	-4,979.55	50.21%	0.00				5,020.45	10,000.00	-4,979.55	50.21%
6205 · USGS Stream Gauge Program	79,705.00	120,000.00	-40,295.00	66.42%	0.00				79,705.00	120,000.00	-40,295.00	66.42%
Total 6200 · PROGRAM SUPPORT SERVICES	104,661.69	172,000.00	-67,338.31	60.85%	0.00				104,661.69	172,000.00	-67,338.31	60.85%
6300 · HABITAT IMPROVEMENT PROJECTS												
6207 · Oak Tree Restoration Program	1,306.56	15,000.00	-13,693.44	8.71%	0.00				1,306.56	15,000.00	-13,693.44	8.71%
6303 · Tributary Projects Support	8,196.64	10,000.00	-1,803.36	81.97%	0.00				8,196.64	10,000.00	-1,803.36	81.97%
6304 · Tributary Projects Improvements	215,670.12	0.00	215,670.12	100.0%	0.00				215,670.12	0.00	215,670.12	100.0%
Total 6300 · HABITAT IMPROVEMENT PROJECTS	225,173.32	25,000.00	200,173.32	900.69%	0.00				225,173.32	25,000.00	200,173.32	900.69%
Total Expense	\$ 1,516,896.81	\$ 1,533,913.00	\$ (17,016.19)	98.89%	\$ 3,358,998.90	\$ 5,453,875.00	\$ (2,094,876.10)	61.59%	\$ 4,875,895.71	\$ 6,987,788.00	\$ (2,111,892.29)	69.78%
Net Surplus / Deficit	\$ 143,425.50	\$ -	\$ 143,425.50	100.0%	\$ 809,820.95	\$ -	\$ 809,820.95	100.0%	\$ 953,246.45	\$ -	\$ 953,246.45	100.0%

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 22, 2024
Submitted by:	Janet Gingras

SUBJECT: Investment Report – June 30, 2024

RECOMMENDATION

The Board of Directors receive and file the Cachuma Operation & Maintenance Board Investment Report as of June 30, 2024.

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 June 2024, is reported at 4.48%.

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

Table 1			
Unrestricted Reserve Funds			
Local Agency Investment Fund (LAIF)			
	5/31/2024	\$	1,441,770.09
(+) Deposits/Credits			34,000.00
(-) Checks/Withdrawals			(79,000.00)
Statement Balance	6/30/2024	\$	1,396,770.09

Restricted Cash

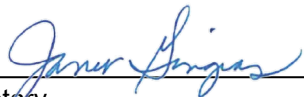
The Cachuma Project Warren Act Trust Fund (Trust Fund) and Cachuma Project Master Contract Renewal Fund (Renewal Fund) are two separate funds that have been established through contracts with the U.S. Bureau of Reclamation (Reclamation). The Trust Fund and the Renewal Fund require annual and five-year 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	5/31/2024	\$	126,162.26
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	6/30/2024	\$	126,162.26
American Riviera Bank Warren Act Trust Fund			
Previous Balance	5/31/2024	\$	86,561.28
(+) Deposits/Credits			-
(-) Checks/Withdrawals			(15,000.00)
Statement Balance	6/30/2024	\$	71,561.28

STATEMENT

The above statement of investment activity for the month of June 2024, 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 & Maintenance Board
Paid Claims
As of June 30, 2024

Date	Num	Name	Memo	Amount
06/03/2024	31110	Cabela's LLC/Bass Pro LLC	Check Reissue - Personal Protective Equipment - Fishing Waders (Fisheries)	-594.68
06/03/2024	31111	Cori Hayman	Check Reissue - Director Meeting Fees April 2024	-208.40
06/03/2024	31112	Eurofins Eaton Analytical, LLC	Check Reissue - Cachuma Water Quality Testing	-900.00
06/03/2024	31113	J&C Services	Check Reissue - Office Cleaning Service - Weekly	-960.00
06/03/2024	31114	Kristen Sneddon	Check Reissue - Director Meeting Fees April 2024	-200.55
06/03/2024	31115	Lauren W. Hanson	Check Reissue - Director Meeting Fees April 2024	-403.40
06/03/2024	31116	Marborg Industries	Check Reissue - Portable Facilities - Outlying Stations (Ops)	-423.96
06/03/2024	31117	Measurement Solutions Systems & Services	Check Reissue - Quarterly Calibration of Equipment	-2,294.56
06/03/2024	31118	PG&E	Check Reissue - Electricity - North Portal	-464.42
06/03/2024	31119	Polly Holcombe	Check Reissue - Director Meeting Fees April 2024	-427.91
06/03/2024	31120	Staples Business Credit	Check Reissue - Office Supplies (Ops & Fisheries)	-334.52
06/03/2024	31121	United States Geological Survey	Check Reissue - USGS Quarterly Joint Funding Agreement 01/01/24-03/31/24	-24,750.00
06/03/2024	31122	A-OK Power Equipment-SB	Equipment - Tractor with Brush Mower (Ops)	-10,666.16
06/03/2024	31123	ECHO Communications	Message Service June 2024	-97.00
06/03/2024	31124	Eurofins Eaton Analytical, LLC	Cachuma Water Quality Testing	-2,705.00
06/03/2024	31125	Marborg Industries	Recycling	-397.32
06/03/2024	31126	O'Reilly Automotive, Inc.	Battery for Posi-Trak (Ops)	-160.12
06/03/2024	31127	Pacific Coast Jiffy Lube	2015 Chevy Silverado - Routine Maintenance (Ops)	-185.78
06/03/2024	31128	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 5/10 & 5/24	-262.60
06/03/2024	31129	Staples Business Credit	Office Supplies (Ops & Fisheries)	-196.32
06/03/2024	31130	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalpas 6054ci	-303.41
06/03/2024	31131	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance May 2024	-480.00
06/06/2024	31132	AGT Trucking School	CDL Training - Kevin Johnson (Ops)	-3,500.00
06/10/2024	31133	A-OK Power Equipment-SB	Supplies for Posi-Trak (Ops)	-129.54
06/10/2024	31134	Agri-Turf Supplies, Inc.	Equipment - Brushcutter Bike Handle, Mowing Head, Full Harness & Air Filter (OPS)	-927.75
06/10/2024	31135	Air Pollution Control District	Permits to Operate Generators at Lauro Reservoir and North Portal	-3,336.00
06/10/2024	31136	AT&T	Long Distance Service May 2024	-39.06
06/10/2024	31137	Bedrock Building Supplies	Materials - Gravel (Ops)	-589.97
06/10/2024	31138	Carpinteria Valley Lumber Company	Supplies (Ops)	-63.85
06/10/2024	31139	City of Santa-Barbara	Trash & Recycling May 2024	-410.41
06/10/2024	31140	Cox Communications Santa Barbara	Business Internet June 2024	-195.44
06/10/2024	31141	Don's Heating & Air Conditioning, Inc.	COMB Building Maintenance - HVAC Maintenance (Ops)	-638.00
06/10/2024	31142	Federal Express	Shipping (Ops & Fisheries)	-191.10
06/10/2024	31143	Frontier Communications	Phone Service - Main Office Land Lines	-133.07
06/10/2024	31144	Geosyntec Consultants	Lake Cachuma Water Quality & Sediment Study - Professional Services	-3,625.60
06/10/2024	31145	HDR Engineering, Inc.	FMP Implementation & Tributary Support - Engineering Services	-10,425.73
06/10/2024	31146	Home Depot Credit Services	Supplies (Ops & Fisheries)	-447.12
06/10/2024	31147	McMaster-Carr Supply Co.	Supplies (Ops)	-516.84
06/10/2024	31148	Milpas Rental	Equipment Rental (Ops)	-114.75
06/10/2024	31149	Onset Computer Corporation	Replacements DO Sensor Cap HOBO Water Sensor (Fisheries)	-1,225.12
06/10/2024	31150	Powell Garage	2003 Ford - Pickup F150 Oil Filter, Motor Oil, Brake Inspection (Fisheries)	-151.42
06/10/2024	31151	Rayne of Santa Barbara Inc	June Reverse Osmosis Rental	-35.00
06/10/2024	31152	Southern California Edison	Electricity - Main Office & Outlying Stations	-1,534.78
06/10/2024	31153	Sparkletts	Operations Safety	-114.36
06/10/2024	31154	SWRCB - DWOCB	D2 Certificate Fee - Andrew Lemley (Ops)	-80.00
06/10/2024	31155	Turenchalk Network Services, Inc.	Network Support (Ops & Fisheries)	-2,227.80
06/10/2024	31156	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-160.50
06/10/2024	31157	WEX Fleet Universal	Fleet Fuel June 2024	-4,639.01
06/17/2024	31158	Coastal Copy, Inc.	Copier Maintenance - Kyocera Taskalpas 3253ci & 6054ci	-529.72
06/17/2024	31159	Federal Express	Shipping (Ops)+G52	-156.11
06/17/2024	31160	Frontier Communications	Phone Service - North Portal	-67.39
06/17/2024	31161	Frontier Communications	Phone Service - North Portal	-81.56
06/17/2024	31162	ID Works	Staff Uniforms with Logo Embroidery (Ops/Fish)	-4,014.34
06/17/2024	31163	Impulse Advanced Communications	Phone Service - Main Office	-839.65
06/17/2024	31164	J&C Services	Office Cleaning Service - Weekly	-960.00
06/17/2024	31165	LoopUp, LLC	Conference Calls May 2024	-26.62
06/17/2024	31166	McCrometer, Inc.	Equipment - 6" Ultramag Flow Meter - Replacement of the Valley Club Meter (Ops)	-5,973.17
06/17/2024	31167	Powell Garage	2018 Ford - F150XL Oil Filter, Motor Oil, Brake Inspection (Fisheries)	-151.55
06/17/2024	31168	Quinn Company	Equipment Maintenance - North Portal Generator	-860.00
06/17/2024	31169	The Gas Company	Natural Gas - Main Office	-3.02
06/17/2024	31170	Verizon Wireless	Cellular Service - Wireless Modems, Cell Phones & iPads (Ops)	-652.58
06/17/2024	31171	Western Scientific Company, Inc.	Equipment Maintenance - WESCO Trinocular Microscope (Fisheries)	-245.00
06/20/2024		COMB-Petty Cash	Reimburse Petty Cash Mid-June 2024	-296.37
06/21/2024		COMB-Petty Cash	Reimburse Petty Cash Mid-June 2024	-479.66
06/26/2024	31172	A-OK Power Equipment-SB	Supplies (Ops)	-222.01
06/26/2024	31173	All Around Landscape Supply	Supplies (Fisheries)	-11.68
06/26/2024	31174	American Riviera Bank - Card Service	Zoom License, CSDA Leadership Conf Fee, GFOA Submission, Staff Uniforms, Supplies (Ops/Fish)	-3,971.24
06/26/2024	31175	Aqua-Flo Supply	Supplies (Ops)	-32.60
06/26/2024	31176	CMC Rescue, Inc.	Rescue Equipment for the North Portal Elevator (Ops)	-4,539.22

Cachuma Operation & Maintenance Board
Paid Claims
As of June 30, 2024

Date	Num	Name	Memo	Amount
06/26/2024	31177	Coastline Equipment	Equipment - Hydraulic Mulcher for the Backhoe (Ops)	-20,880.00
06/26/2024	31178	Coastline Equipment	Equipment - Soil Compaction Wheel Attachment for Backhoe (Ops)	-6,144.38
06/26/2024	31179	Cushman Contracting Corp.	EPFP Pumping System - Pay Req 122	-3,500.00
06/26/2024	31180	Famcon Pipe & Supply	Materials for Meter Installation (Ops)	-1,092.98
06/26/2024	31181	Famcon Pipe & Supply	Equipment - Three Air Vents (Ops)	-7,666.88
06/26/2024	31182	Federal Express	Shipping (Fisheries)	-164.40
06/26/2024	31183	FP Mailing Solutions	Postage Meter Rental (Ops & Fisheries)	-211.41
06/26/2024	31184	Harrison Hardware	Supplies (Fisheries)	-52.56
06/26/2024	31185	Marborg Industries	Portable Facilities - Outlying Stations (Ops)	-423.96
06/26/2024	31186	O'Reilly Automotive, Inc.	Vehicle Supplies (Ops)	-71.82
06/26/2024	31187	PG&E	Electricity - North Portal & Tecolote Tunnel	-517.27
06/26/2024	31188	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfas 325ci	-123.98
06/26/2024	31189	Zalco Laboratories, Inc.	Analysis of Lauro Tunnel Samples	-530.00
06/27/2024	31190	Cori Hayman	Director Meeting Fees June 2024	-218.15
06/27/2024	31191	Kristen Sneddon	Director Meeting Fees June 2024	-210.30
06/27/2024	31192	Lauren W. Hanson	Director Meeting Fees June 2024	-422.90
06/27/2024	31193	Polly Holcombe	Director Meeting Fees June 2024	-447.41
06/27/2024	31194	Illumina, Inc.	BiOp Genetic Testing (Fisheries)	-16,607.85
				<u>-166,268.07</u>
				<u>-166,268.07</u>

APPROVALS

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 22, 2024
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

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

RECOMMENDATION:

The Board of Directors approve Resolutions No. 800 through No. 808 by roll call vote on one motion, unless a member requests separate consideration.

SUMMARY:

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

The regular COMB Board meetings are held the fourth Monday of each month. Resolution No. 808 establishes regular meeting dates of the COMB Board. However, due to occasions where a holiday falls on or near the fourth Monday, the regular meeting has historically been moved to the third Monday for that particular month.

LIST OF EXHIBITS:

1. Resolutions No. 800 through No. 808

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RESOLUTION NO. 800

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

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

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

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

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

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

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

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

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

The Secretary's Annual Statement of Investment Policy dated July 22, 2024 attached hereto as Exhibit A, is hereby approved and adopted.

PASSED, APPROVED AND ADOPTED this 22nd day of July, 2024 by the following roll call vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

ATTEST:

President of the Board

Secretary of the Board

TO: Board of Directors
FROM: Janet Gingras, Secretary
DATE: July 22, 2024
RE: **SECRETARY'S ANNUAL STATEMENT OF INVESTMENT POLICY**

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

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

RESOLUTION NO. 801

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

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

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

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

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

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

This resolution supersedes Resolution No. 738 dated July 24, 2023, and all resolutions preceding it pertaining to authorized deposits and withdrawals for said account.

PASSED, APPROVED AND ADOPTED, by the Board of Directors of COMB, County of Santa Barbara, State of California this 22nd day of July, 2024 by the following vote:

- AYES:**
- NAYS:**
- ABSENT:**
- ABSTAIN:**

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 802

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

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

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

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

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

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

This resolution supersedes Resolution No. 784 dated July 24, 2023, and all resolutions preceding it pertaining to said Agreement.

PASSED, APPROVED AND ADOPTED this 22nd day of July, 2024 by the following roll call vote:

- AYES:**
- NAYS:**
- ABSENT:**
- ABSTAIN:**

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 803

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

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

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

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

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

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

This resolution supersedes Resolution No. 785 dated July 24, 2023, and all resolutions preceding it pertaining to establishing policy for staff to sign checks for payment of claims.

PASSED, APPROVED AND ADOPTED this 22nd day of July 2024, by the following vote:

AYES:
NAYS:
ABSENT:
ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 804

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

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

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

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

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said account subject to those conditions as specified in Resolution No. 803 adopted by this Board on July 22nd, 2024.

President, Board of Directors

Vice-President, Board of Directors

Director

Director

General Manager/Secretary of the Board

Administrative Manager/CFO Auditor-Controller

This resolution supersedes Resolution No. 786 dated July 24, 2023, and all resolutions preceding it pertaining to authorized signatories for said account.

PASSED, APPROVED AND ADOPTED this 22nd day of July, 2024, by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 805

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

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

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

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

President, Board of Directors

Vice-President, Board of Directors

General Manager/Secretary of the Board

Administrative Manager/CFO Auditor-Controller

This resolution supersedes Resolution No. 787 dated July 24, 2023, and all resolutions preceding it pertaining to authorized signatories for said account.

PASSED, APPROVED AND ADOPTED this 22nd day of July, 2024, by the following vote:

- AYES:**
- NAYS:**
- ABSENT:**
- ABSTAIN:**

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 806

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

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

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

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

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

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

This Resolution supersedes Resolution No. 788 dated July 24, 2023 and all resolutions preceding it pertaining to establishing policy for signing checks drawn on the Cachuma Project Trust Fund and Renewal Fund accounts.

PASSED, APPROVED AND ADOPTED this 22nd day of July, 2024, by the following vote:

AYES:
NAYS:
ABSENT:
ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 807

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

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

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

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

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

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said accounts subject to those conditions as specified in Resolution No. 806 adopted by this Board on July 22nd, 2024.

President, Board of Directors

Vice-President, Board of Directors

Director

Director

General Manager/Secretary of the Board

Administrative Manager/Auditor-Controller

This resolution supersedes Resolution No. 789 dated July 24, 2023, and all resolutions preceding it pertaining to authorized signatories for said account.

PASSED, APPROVED AND ADOPTED this 22nd day of July, 2024 by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 808

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

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

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

Unless otherwise noted, the regular meetings of the COMB Board of Directors shall be held each fourth Monday of the month, at 1:00 p.m., at the above address. If a Holiday falls on the fourth Monday of the month, the regular Board meeting will be held on the third Monday during such months. A list of the Regular Board meeting dates will be provided for each calendar year.

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

This Resolution supersedes Resolution No. 790 dated July 24, 2023 and all resolutions preceding it pertaining to establishing a time and place for regular meetings of the COMB Board of Directors.

PASSED, APPROVED AND ADOPTED this 22nd day of July, 2024, by the following roll call vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 22, 2024
Submitted by:	Tim Robinson
Approved by:	Janet Gingras

SUBJECT: Water Year 2023 Annual Monitoring Summary Presentation

RECOMMENDATION:

The Board of Directors receive a presentation on the Water Year 2023 Annual Monitoring Summary.

SUMMARY:

Each calendar year, the Fisheries Division staff prepares the Annual Monitoring Summary (AMS) which presents data and summarizes the results of monitoring Southern California steelhead/rainbow trout (*Oncorhynchus mykiss*, *O. mykiss*) and water quality conditions in the Lower Santa Ynez River (LSYR) below Bradbury Dam during the Water Year 2023 (WY2023, 10/1/22 – 9/30/23). This report also incorporates historical context of the water year type since WY2000, advancements of identified tributary restoration projects, and recommendations for the next water year's monitoring efforts. The report is submitted to internal staff for review prior to being submitted to the Fisheries Committee. Staff will be presenting a brief overview of the findings related to the annual report.

COMMITTEE STATUS:

The Fisheries Committee has reviewed the WY2023 AMS and provided comments to staff that have been incorporated in the report and requested a brief overview presentation for the COMB Board.

LIST OF EXHIBITS:

N/A

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Mission Statement:

“To provide a reliable source of water to our member agencies in an efficient and cost effective manner for the betterment of life in our communities.”

July 24, 2024

General Manager Report

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

Administration

- **Comprehensive Annual Financial Report (Audit) - Fiscal Year 2022-23**

COMB's Annual Comprehensive Financial Report (ACFR) for fiscal year ending June 30, 2023 was once again awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association of the United States and Canada (GFOA) (see attached). This is the seventh consecutive year that COMB has received this prestigious award. The Certificate of Achievement is the highest form of recognition for excellence in state and local government financial reporting. To be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. The report must satisfy both generally accepted accounting principles and applicable legal requirements. Special recognition is conveyed honoring COMB's Administrative Division staff for their meticulous effort and continued achievements on obtaining this prestigious award.

- **COMB Operating Budget GFOA Distinguished Budget Award - Fiscal Year 2024-25**

I am pleased to report that COMB's FY 2024-25 Operating Budget document has been awarded the Distinguished Budget Presentation Award from the GFOA (see attached). This award is the highest form of recognition in governmental budgeting. This is the fifth consecutive year COMB applied for and achieved this prestigious award. To receive the award, COMB had to satisfy nationally recognized guidelines for effective budget preparation. The guidelines are designed to assess how well an entity's budget serves as:

- a policy document
- a financial plan
- an operations guide
- a communications device

The Budget document undergoes a comprehensive review by three independent examiners and must be rated "proficient" in twenty five categories, in order to receive the award. These awards are presented to encourage and assist state and local governments to prepare budget documents of the very highest quality that reflect both the guidelines established by the National Advisory Council on State and Local Budgeting and the GFOA's best practices on budgeting and then to recognize individual governments that succeed in achieving that goal.

- **Scopes of Work Fiscal Year 2024-25 Fisheries Division Consultants**

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

Two specific consultants were selected due to their expertise, legacy knowledge of the Cachuma Project and associated Biological Opinion, long-term and excellent service, completed engineering and design work where annual monitoring and reporting are required, or in-depth project specific design knowledge. They include HDR Engineering in the amount of \$19,500 and Ken Knight in the amount of \$3,000.

Scopes of Work for Fiscal Year 2024-25 and sole-source justifications have been reviewed by the Fisheries Committee. The related professional services agreements fall under the General Manager’s approval authority and the associated financial obligation has been incorporated in the adopted COMB operating budget for this fiscal year.

- **Contracts Executed by the General Manager – 4th Quarter Fiscal Year 2023-24**

Pursuant to the COMB Procurement Policy adopted by the Board, a quarterly report of all contracts executed by the General Manager for the period of April 1, 2024 through June 30, 2024 is presented for information.

Under the general procurement guidelines, Section 2 of the COMB Procurement Policy authorizes the General Manager to approve expenditures made for official Agency business up to a maximum of \$50,000, provided such expenditures are within the budget, as adopted by the Agency. Section 3(C) also provides that purchases of supplies, equipment, and non-professional services greater than \$10,000 and less than \$50,000, requires a minimum of two prices quotes be obtained and that the General Manager has authority to select and approve the vendor which meets the best interests of the Agency. Staff adheres to the Board adopted policy for the procurement of all goods and services.

Table 1 below lists all contracts executed by the General Manager for the period April 1, 2024 through June 30, 2024, sorted by execution date.

Table 1					
Contracts Executed by General Manager					
April 1, 2024 through June 30, 2024					
Vendor Name	Contract Description	Board Approved	Date Executed	Date Expires	Contract Amount
HDR Engineering, Inc.	Habitat Improvement, Support & Maintenance Addendum	N/A	04/19/2024	06/30/2024	\$10,000
Van Sande Structural Consultants, Inc.	Lauro Dam Outlet Works Access House - Engineering Designs & Safety Improvements	N/A	05/03/2024	06/30/2024	\$15,000
R.A. Atmore & Sons, Inc.	Weed Abatement Maintenance - Ortega and Glen Annie Dam Faces & Roads	N/A	05/06/2024	06/30/2024	\$25,488
Total Compensation Systems, Inc.	OBEB Valuation Services Per GASB 74/75 Years Ended June 30, 2024 & 2025	N/A	05/07/2024	12/31/2025	\$4,860
Flowers & Associates, Inc.	Final Design - Lauro Reservoir Multi-Benefit Flood Mitigation Project	N/A	05/31/2024	12/31/2024	\$29,500
Fargen Surveys, Inc.	Topographic Survey of Lauro Reservoir Bypass Channel Road	N/A	06/06/2024	12/31/2024	\$3,760
Fargen Surveys, Inc.	Topographic Survey of Lauro Reservoir Debris Basin	N/A	06/06/2024	12/31/2024	\$3,040
Geosyntec Consultants	Lake Cachuma Water Quality Sampling Study Phase II - Addendum	N/A	06/06/2024	06/30/2024	\$3,626
Zac Gonzalez Landscaping & Tree Care	Landscaping & Tree Removal Services	N/A	06/14/2024	09/30/2024	\$8,274
Peter Lapidus Construction, Inc.	Disposal of Material at Lauro Yard	N/A	06/20/2024	06/30/2024	\$10,700
Peter Lapidus Construction, Inc.	Tributary Project Enhancements	06/24/2024	06/28/2024	12/31/2024	\$296,689

Respectfully Submitted,

Janet Gingras
 General Manager



GOVERNMENT FINANCE OFFICERS ASSOCIATION
NEWS RELEASE

FOR IMMEDIATE RELEASE

7/10/2024

For more information contact:
Michele Mark Levine, Director/TSC
Phone: (312) 977-9700
Fax: (312) 977-4806
Email: mlevine@gfoa.org

(Chicago, Illinois)—Government Finance Officers Association of the United States and Canada (GFOA) has awarded the Certificate of Achievement for Excellence in Financial Reporting to **Cachuma Operation and Maintenance Board** for its annual comprehensive financial report for the fiscal year ended June 30, 2023. The report has been judged by an impartial panel to meet the high standards of the program, which includes demonstrating a constructive "spirit of full disclosure" to clearly communicate its financial story and motivate potential users and user groups to read the report.

The Certificate of Achievement is the highest form of recognition in the area of governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

Government Finance Officers Association (GFOA) advances excellence in government finance by providing best practices, professional development, resources, and practical research for more than 21,000 members and the communities they serve.



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**Cachuma Operation and Maintenance Board
California**

For its Annual Comprehensive
Financial Report
For the Fiscal Year Ended

June 30, 2023

Christopher P. Morill

Executive Director/CEO



GOVERNMENT FINANCE OFFICERS ASSOCIATION
NEWS RELEASE

FOR IMMEDIATE RELEASE

7/16/2024

For more information, contact:
Technical Services Center
Phone: (312) 977-9700
Email: budgetaward@gfoa.org

(Chicago, Illinois)—Government Finance Officers Association is pleased to announce that **Cachuma Operation and Maintenance Board, California** received GFOA's Distinguished Budget Presentation Award for its budget.

The award represents a significant achievement by the entity. It reflects the commitment of the governing body and staff to meeting the highest principles of governmental budgeting. In order to receive the budget award, the entity had to satisfy nationally recognized guidelines for effective budget presentation. These guidelines are designed to assess how well an entity's budget serves as:

- a policy document
- a financial plan
- an operations guide
- a communications device

Budget documents must be rated "proficient" in all four categories, and in the fourteen mandatory criteria within those categories, to receive the award.

There are over 1,700 participants in the Budget Awards Program. The most recent Budget Award recipients, along with their corresponding budget documents, are posted quarterly on GFOA's website. Award recipients have pioneered efforts to improve the quality of budgeting and provide an excellent example for other governments throughout North America.

Government Finance Officers Association (GFOA) advances excellence in government finance by providing best practices, professional development, resources, and practical research for more than 22,500 members and the communities they serve.



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Cachuma Operation and Maintenance Board
California**

For the Fiscal Year Beginning

July 01, 2024

Christopher P. Morrill

Executive Director

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: July 22, 2024
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 Water Year 2023-2024 rainfall totals are 143% of normal for the year as of 7/15/24 for the County of Santa Barbara. Reclamation began precautionary spillway releases on February 1st to prepare for the storms and declared surplus water available starting February 1st which continued through June 21st. Approximately 205,000 acre-feet was released as spill from the spillway gates and outlet works through 6/21/24 which has resulted in the spill of carryover water from the reservoir. WY 2024 has the 9th largest spill by volume in the history of the dam. Reclamation is transitioning to Table 2 flows required by WRO – 2019-0148 but is currently releasing higher than the Table 2 flow minimum requirements by 15 to 20 cfs in July.

According to the National Weather Service Climate Prediction Center ENSO-neutral is expected to continue for the next several months, with La Niña favored to emerge during August-October (70% chance) and persist into the Northern Hemisphere winter 2024-25 (79% chance during November-January). La Niña years have a lower inflow than average at Lake Cachuma, though individual years have been higher than average (most notably 2023 started out as a La Niña year).

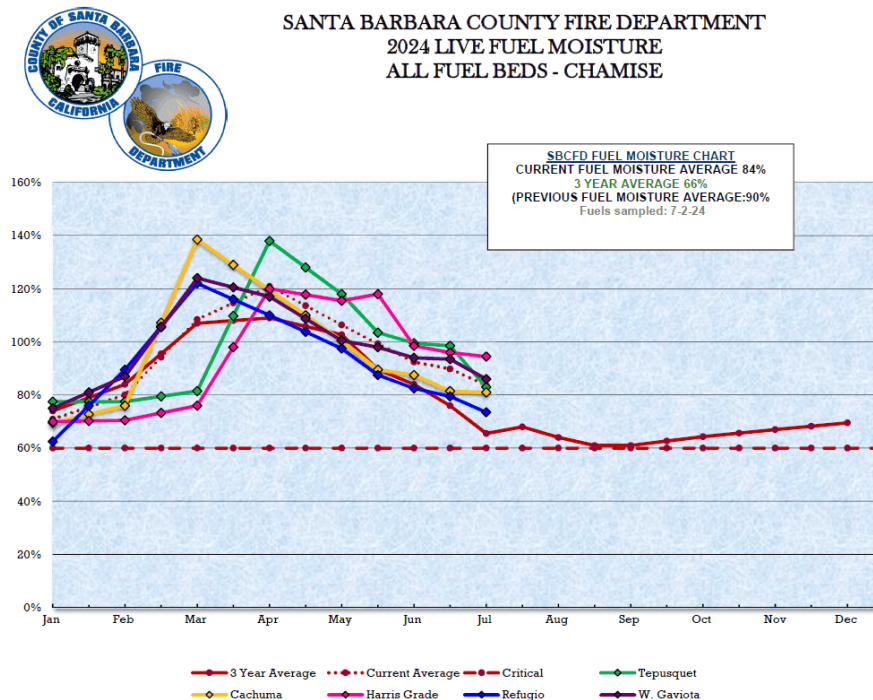


Figure 1. Live Fuel Moisture – All Fuel Beds (source: County of Santa Barbara Fire Department)

The average live fuel moisture index was 84% as of July 2, 2024 (Figure 1). The 3-year average at this time is 66%, so the vegetation has more moisture than normal. Critical conditions for rapid fire spread are below 60%.

COMB received updated import-exports forecasts from its Member Agencies. The lake elevation projection is provided in Figure 2 assuming dry hydrologic conditions in Water Year 2025.

Parameter	Optimistic	Realistic	Conservative
SCC Export	80% Forecast	Forecast	120% Forecast
CCWA Inflow	120% Forecast	Forecast	80% Forecast
WR 89-19 Release (2024)	0 AF	0 AF	0 AF
WR 89-18 Release (2025)	0 AF	0 AF	11,600 AF
Fish Release	100% Rec Tables	110% Rec Tables	120% Rec Tables

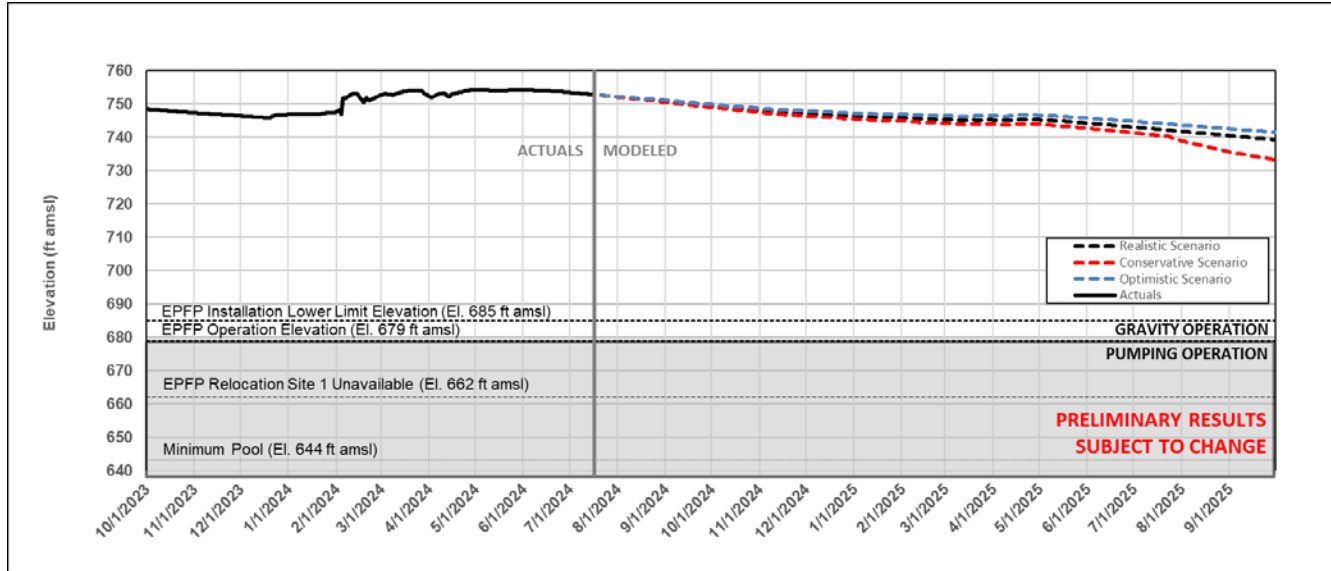


Figure 2. Lake Cachuma Elevation assuming dry conditions in Water Year 2025

2024 LAKE FIRE

The Lake Fire started on July 5, 2024 and has currently burned 38,653 acres (as of 7/16/24). The fire area is mostly located in the Lower Santa Ynez River watershed (Alamo Pintado and Zaca Creek drainages) and Santa Maria River Watershed and with a small portion of the fire in the upper part of Cachuma Creek watershed which flows into Lake Cachuma. In 2007, the Zaca fire started on July 4th and was contained on September 4, 2007 burning a total of 240,707 acres. At the time it was the second largest wildland fire in California history. Most of the chaparral in the Zaca Fire was drought-stressed and had not burned for 70 to 80 years. Once the fire spread into the San Rafael and Dick Smith wilderness, the fire suppression methods available become limited allowing the fire to burn for months.

Following the Zaca Fire, TOC concentrations increased in Lake Cachuma by approximately 100 percent (from ~ 3 mg/L to 6 mg/L) and by 1,000 percent in Gibraltar Reservoir (~3 mg/L to 35 mg/L). Subsequent fires (Whittier and Thomas Fires) also contributed to the TOC load. Concerns with the poor water quality from the fires required the City of Santa Barbara to construct Ozone Pretreatment system at Cater Treatment Plan for \$23M in 2013. The total organic carbon was elevated from 2008 to 2023, until two back-to-back wet years (2023, 2024) with runoff from the recovered watershed exchanged the lake volume several times and resulted in the lowest total organic measurements recorded since the Zaca Fire in spring of 2024. Figure 3 provides the historical total organic carbon measured at Lake Cachuma.

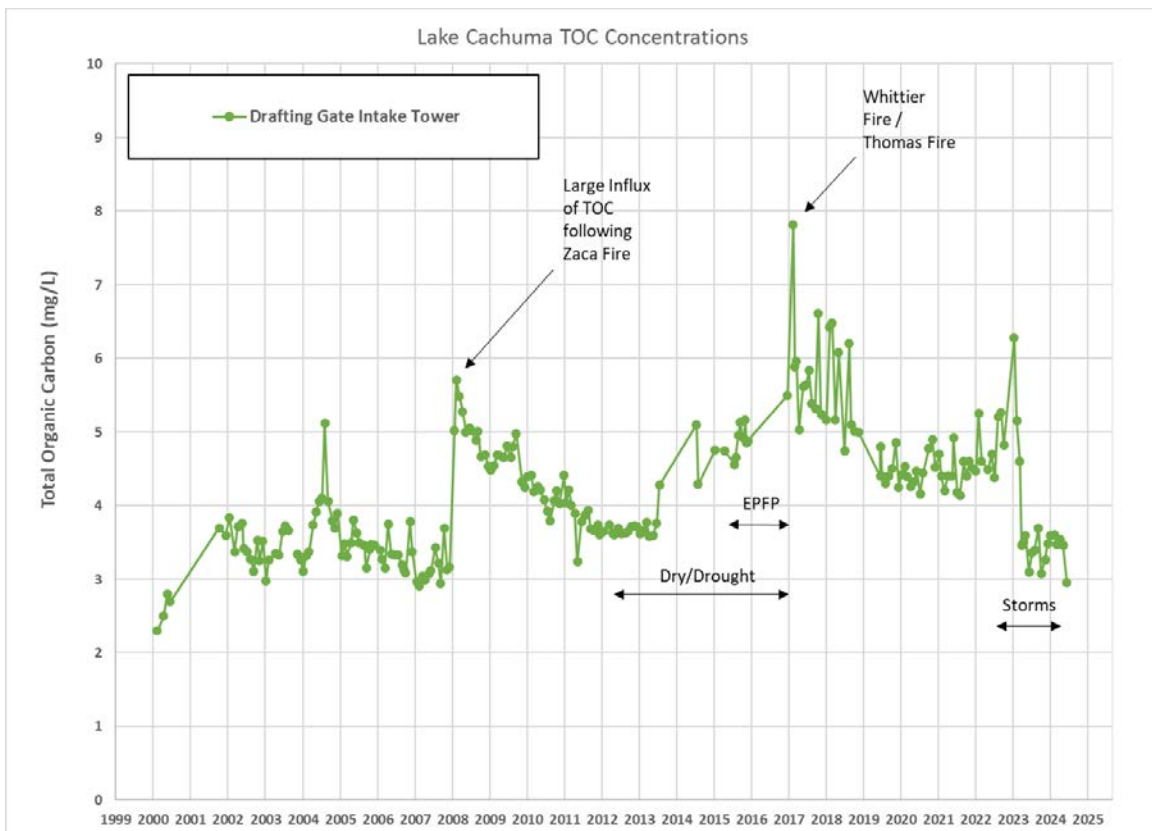


Figure 3. Lake Cachuma TOC Concentrations at the Intake Tower Drafting Gate 1999 - Current

Wildland fire is a natural occurrence for the California chaparral and many of the native plants are adapted to handle wildfire impacts with heat resistant seeds and stump re-sprouting abilities. Moderate scale fires that burn with a low to moderate intensity that preserve existing trees have less of an impact on water quality and erosion. Whereas large-scale intense catastrophic fires that burn trees and stumps completely have much more of an impact on soil erosion sedimentation and water quality, as soils have higher hydrophobicity and stump re-sprouting does not occur. Moderately-sized fires also help prevent future large scale (200,000+ acre) wildfires like the Zaca and Thomas Fire by providing areas of younger vegetation where fires slow down and can be contained by fire fighters. While the Lake Fire may have some impacts to Lake Cachuma water quality, its size, location, and burn intensity thus far may be beneficial in the long-run to prevent future large-scale catastrophic events.

CE-QUAL-W2 WATER QUALITY WORKSHOP

Elijah Papen, Water Resources Analyst, attended a week-long workshop from June 24-28, 2024 at Portland State University (PSU) on the subject of water quality modeling for lakes, rivers, and estuaries using CE-QUAL-W2. CE-QUAL-W2 is a two-dimensional (longitudinal and vertical) hydrodynamic and water quality model which was first recommended within the 2020 Lake Cachuma Water Quality and Sediment Management Study. Dr. Scott Wells, who is a co-developer of the model, taught the workshop along with his research group and guest lecturers. The course provided a thorough review of the background of the model's water quality, hydrodynamic, and numerical algorithms; computer laboratory sessions for setting up and running the model; and numerous case studies of CE-QUAL-W2 applications from around the world. CE-QUAL-W2 can model hydrodynamics, temperature, dissolved oxygen, nutrients, organic matter, sediment diagenesis, algae, fish habitat, and many other parameters. It can incorporate complex infrastructure configurations such as outlet works, pipes, weirs, spillways, and selective withdrawal from multi-level intake structures. The model works best when applied to specific use cases or questions such as sizing aeration systems, maximizing cold water releases from a dam, projecting wildfire impacts to organic matter loading, etc. COMB staff plans on developing an internal water quality model for Lake Cachuma to help inform discussions and management decisions.

WINTER STORM 2023 AND 2024 DAMAGE REPAIRS AND REIMBURSEMENT

COMB staff continues to weekly meet with FEMA regarding 2023 damages. All projects from DR-4683 have been submitted by the FEMA program manager for further review and funding. FEMA has indicated that they would include the engineering, geotechnical, and surveying costs along with the construction costs in the calculation of costs to be reimbursed. All repair work for damages has been completed. COMB has received the steel lid for installation at Toro Canyon blowoff for mitigation, which will be installed once conditions further dry out. COMB budgeted approximately \$73,000 in net 2023 Winter Storm repair costs for Fiscal Year 2023-2024 factoring in FEMA/CalOES reimbursements. The overall current expected difference between costs and reimbursement is \$112,000 (Table 1). However, the reimbursement from County-wide Debris Removal – Category A (\$44,251) was for costs that occurred in Fiscal Year 2022-23 which can be used to cover the difference in budgeted and actual costs and reimbursement for Fiscal Year 2023-24.

Table 1. 2023 Winter Storm Damage Summary Table

Site	Cat	Location	Work Type	Estimated Cost	% Complete	Estimated Reimbursible	Received as 6/18/24	FEMA Status
<i>Fiscal Year 2022-23</i>								
County-wide Debris Removal	A	North Portal Log Boom	Contract	\$ 6,422	100%	\$44,251	\$44,251	Funded
		Sheffield Access Road	Contract	\$ 12,750	100%			
		South Portal/Glen Anne Road	Force Account	\$ 25,079	100%			
<i>Fiscal Year 2023-24</i>								
Lauro Reservoir Stilling Well Debris Removal	A	Lauro Stilling Well	Contract	\$ 55,697	100%	\$0	\$0	FEMA denied application.
Sediment Removal From Water Control Facilities	D	Lauro Main Debris Basin	Contract	\$ 303,068	100%	\$284,127	\$284,127	Funded
		San Roque Debris Basin	Contract		100%			
		Carpinteria Toe Drain	Contract		100%			
County-Wide Road Repairs	C	Sycamore Canyon Rock Slope Protection Repair	Contract	\$ 17,600	100%	\$0	\$0	Removed - Maintenance
		Lauro Reservoir Bypass Channel Emergency Repair	Contract	\$ 216,465	100%	\$202,936	\$0	Under Final FEMA Review
Blowoff Repairs	G	Montecito Blowoff Repair	Force Account	\$ 4,290	100%	\$4,022	\$0	Obligated
		Toro Canyon Blowoff Repair	Contract	\$ 70,354	80%	\$65,957	\$0	
Administration	Z	COMB Administrative Costs	Force Account	\$ 17,365	80%	\$17,365	\$0	Pending Initial Project Development
Total				\$ 729,091	97%	\$ 618,658	\$328,378	

A federal disaster was declared in California for the January 31 to February 9th, 2024 storms (DR-4769). COMB repaired some damages immediately following the storms. Additional debris was deposited during the storms into the debris basins around Lauro Reservoir. Debris removal from the debris basins typically occurs in late summer or early fall to allow sediments to optimally dewater for more efficient removal. COMB requested public assistance funding for the damage that occurred in 2024. COMB conducted the exploratory call (6/4) and recovery scoping meeting (6/18) in June 2024. COMB currently estimates the 2024 winter storm damages to be approximately \$240,000.

COMB also submitted a subapplication to CalOES for 404 hazard mitigation grant program for unimproved sections of the Lauro Reservoir Bypass Channel/Road. The 404 program provides funding to protect undamaged parts of a facility or to prevent or reduce damages caused by future disasters. COMB received notification from CalOES that they have reviewed the subapplication and submitted it to FEMA for review and funding consideration. The notification is not a guarantee of funding but is a significant step in the process of potentially obtaining funding. The subapplication is still under review by FEMA. COMB provided Reclamation with a project description to perform the NEPA analysis on the project and contracted with a surveyor to provided updated survey information following the 2024 storms to develop the final designs.

INFRASTRUCTURE IMPROVEMENT PROJECTS

Table 2 provides the status of Fiscal Year 2023-24 infrastructure improvement and special projects. COMB staff has prepared a five-year update to the Infrastructure Improvement plan to assist with the Fiscal Year 2024-2025 budget preparation and future project planning. COMB has initiated work on Fiscal Year 2024-25 project planning.

Table 2. Fiscal Year 2023-2024 Infrastructure Improvement Projects

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
Infrastructure Improvement Projects			
SCC Line Valves for Shutdown	Contractor was engaged to perform design on Lillingston Line valve. However, a suitable location was unable to be identified which avoided conflicts with other utilities.	A Cooperative Agreement between CVWD and COMB has been approved by COMB and CVWD to facilitate the work.	An additional SCC Line Valve has been postponed as it is more advantageous to combine the cooperative agreement resources for lateral rehabilitation.
SCC Structure Rehabilitation : Lower Reach Laterals	CWWD and COMB boards have approved Phase 2. A portion of Phase 2 requires a permit from Caltrans which was received on 12/31/23. Reclamation completed the additional cultural/NEPA review at the end of January and the work is cleared to proceed.	In order to facilitate shutdowns on the Lower Reach of the SCC, lateral valves need replacement. COMB is collaborating with CVWD on this project.	Phase 2 is planned to be initiated in July 2024. Work has been delayed by permit requirements and winter storms and material delays.
SCC Structure Rehabilitation	Several remaining blowoffs need preventative rehabilitation to prevent unplanned outages. All AVARs on the SCC have been raised above grade. Shutdowns will not be feasible this year and the work has been postponed. A portion of the budget was reallocated to the Bradbury Dam Stilling Basin Pump Project	The shutdown needed require coordination with CVWD and completion of the lateral rehabilitation prior to shutdown.	SCC Structure Rehabilitation is postponed until FY 2024-25, as shutdowns are dependent on CVWD coordination and completion of lateral rehabilitation.
Special Projects			
Lake Cachuma Water Quality and Sediment Management Study	COMB awarded the contract for the Phase 2 phosphorous/TOC source study in October 2022. A kickoff meeting was conducted in December and a work plan was provided in March with sediment sampling occurring in early June 2023. Sediment and water samples were analyzed by specialized laboratories. Consultant has received the lab results and provided a draft report and presentation. COMB and member agency staff provided comments on the draft report. The final report was provided to COMB.	COMB staff has taken additional tributary samples through winter months to supplement the study. The rise in lake level complicates sediment sampling procedures at the deepest part of the lake. In addition, with the high amounts of inflow and sedimentation - the entire volume of the lake has been exchanged with new water and the bottom is likely covered with an extensive layer of new sediment. Additional scope was added to analyze sediment from 2023 and previous years based on dating the cores. Cores could not be taken from the deepest part of the lake due to the softness of the bottom sediment.	A focused phosphorous and TOC sourcing study by COMB was initiated in 2022/2023 and completed in April 2024.
COMB Bldg/Ground Repair	COMB is investigating options for the installation of a solar energy system to offset COMB's energy usage as part of the Sustainability Plan. COMB met with SCE regarding vehicle charging infrastructure and metering options. COMB staff has been updating utility information on COMB's system to provide the data need to determine the most beneficial system to work with the existing facilities. COMB issued an RFP to solar contractors and reviewing the proposals.	The Cachuma Project is primarily a gravity-driven system with the only energy costs associated with electricity usage related to cathodic protection, lighting and ventilation, office equipment, vehicle usage. It may be possible to offset all of COMB's electrical usage with a modestly sized solar power system to achieve net zero in electrical usage for water delivery. COMB will also evaluate the possibility solar energy for vehicle energy use as well.	COMB plans to evaluate options for solar and depending on the location chosen may require Reclamation engineering and/or environmental review.
2023 Winter Storm Repairs	Debris removal completed in early September. Lauro Reservoir Bypass Channel Repair construction completed at end of November. In addition COMB staff completed working on several smaller cleanup projects related to blowoff structures and access roads. Remaining work planned is to replace the Toro Canyon blowoff lid with a steel lid bolted to the structure to better resist flooding impacts. COMB is working with FEMA on a weekly basis to obtain reimbursement for the completed work related to the disaster.	The winter storms of 2023 resulted in debris deposition and damage throughout the Cachuma Project system. The current forecast is for El Nino to continue. El Nino has been associated with wetter rainfall years, so it is important to repair infrastructure to prepare for the next winter.	All repairs were completed prior to the winter 2023-24 rainy season. Improvements are planned for the Toro Canyon Blowoff to prevent future damage.

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CACHUMA OPERATION AND MAINTENANCE BOARD

DATE: July 22, 2024
TO: Janet Gingras, General Manager
FROM: Shane King, Operations Supervisor
RE: **MONTHLY REPORT OF OPERATIONS – June 2024**

The total flow from Lake Cachuma into the Tecolote Tunnel for June was 1,543.20 acre-feet, for an average daily flow of 51.44 acre-feet. Lake elevation was 754.19 feet at the beginning of June and 753.52 feet at the end of June. Lake storage decreased by 2,110.69 acre-feet. There was 0.0 acre-feet of inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 650.84 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 425.79 acre-feet of water to Hilton Creek for the month of June.

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 consists 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

Routine operation and maintenance completed during the month of June 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 94 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 and document anodes and rectifier data

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

- Operations staff has been working on cleaning up and organizing COMB's upper storage area. This area is storage for large pieces of SCC parts i.e. concrete structures, large valves, large pipe sections, etc. Staff made several dump runs of material that COMB no longer needed to save such as old valves, broken sections of concrete structures, and waste from recent projects. (see photos)
- COMB hired Peter Lapidus Construction to remove large waste items that were being stored in COMB's upper storage area that COMB's equipment was unable to lift. These items included large broken sections of concrete structures, 36-inch gate valves, etc. While the contractor was onsite with a loader that could lift these heavy objects, he also assisted COMB with moving things around and organizing the storage area.
- Quarterly venturi meter calibrations were conducted this month. COMB contracted Emerson Process management to complete these calibrations. These meters include the North Portal venturi meter, Lauro reservoir inflow meter, Sheffield pump station meter, and Ortega reservoir outflow meter.
- COMB contracted A1 Commercial Sweeping Inc., a street sweeping contractor, to clean the ring roads around Ortega and Carpinteria reservoir. During the rainy season, mud and debris gets washed onto these roads. On an annual basis COMB staff clears the road of major mud and debris and then has a contractor come out and clear the fine silt and smaller debris.
- Staff have begun building a carport structure in the upper maintenance yard to store COMB's heavy equipment machines. In years past, this equipment was not stored under any sort of roof, so it was exposed to elements like sun and rain. To prolong the life of these pieces of equipment, COMB has decided to install a carport for storage. (see photos)
- Operations division continues working through its annual structure maintenance program on the south reach sections of the SCC (Lauro reservoir to Carpinteria reservoir). This work includes visiting each air vent, blow off, lateral, and meter structures and performing annual maintenance. In addition, staff are gathering new GPS locations of each structure to improve COMB's alignment of the SCC. Now that the lateral rehab work is gearing up to start, staff has started working through the south reach section of the SCC. Staff has visited 4 structures this month. Work completed at these structures include:
 - Pump out any water that may have accumulated since last visit
 - Remove any debris/dirt
 - Re-paint confined space signage as needed
 - Re-paint station number as needed
 - Exercise valves and AVAR's
 - Clear any vegetation from around structure
 - Document any assets that may need replacement/repairs

COMB upper maintenance yard clean up



Carport installation progress



CACHUMA OPERATION AND MAINTENANCE BOARD
BOARD MEMORANDUM

DATE: July 22, 2024
TO: Janet Gingras, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- 2000 Biological Opinion target flows have been met by USBR through Lake Cachuma releases:
 - Hilton Creek (minimum of 2 cfs): Hilton Creek Watering System (HCWS) gravity flow to the Upper Release Point (URP) and Lower Release Point (LRP) (approximately 7 cfs) plus upper basin flows (> 0.2 cfs since June and into mid-July) have been providing flows greater than target flows, which have been sustaining the *O. mykiss* population in the creek.
 - Highway 154 Bridge and Alisal Bridge (minimum 10 cfs as of 6/30/24 [ramp-down from 6/9 at 25 cfs to 10 cfs by 6/30] due to being on Table 2 flows for a wet/above normal year): Dam releases continue to sustain flows higher than required target flows at both compliance points.
 - Bradbury Dam started spilling on 2/1/24, USBR declared Surplus Water effective that day and ended it on 6/21/24; the trigger for Table 2 flows was reached on 2/6/24.
 - The dam radial gates were closed on 3/10/24, reopened on 3/28/24 due to stormflow conditions, and then closed again on 4/22/24 for the rest of the dry season. Since then, the spill has been ramped down through the Outlet Works.
- Stranding surveys during spill ramp-downs have continued as USBR adjusts dam releases in compliance with Table 2 flows.

In compliance with the 2000 Cachuma Project Biological Opinion (BiOp) (NMFS, 2000) and WR Order 2019-0148, 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 the steelhead/rainbow trout population and their habitat on the Lower Santa Ynez River (LSYR) and tributaries 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 into categories.

LSYR Steelhead Monitoring Elements:

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 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 previous 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/Report.

Spill Ramp-down / Stranding Surveys: As USBR adjusts dam releases from the WY2024 spill in compliance with WRO 2019-0148 Table 2 flow requirements at Alisal Bridge and Highway 154 Bridge, surveys have been conducted by COMB-FD staff to look for stranded fish or mortalities during spill ramp-down as the river flows recede into the lower flow channels. Observations are immediately provided to USBR.

Snorkel surveys: Snorkel surveys for *O. mykiss* and non-native fish in the LSYR mainstem and tributaries are conducted two times a year. The first Snorkel Survey is in process, and we hope to wrap this up within the next couple of weeks. The results are presented in the annual monitoring report.

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, USBR and USGS for the LSYR at the Highway 154 Bridge and Alisal Bridge.

Multiple moderate rainfall events in late March and April were sufficient to continue the spill specifically on 3/29/24, 4/4/24, and 4/13/24. Dam releases in June varied from approximately 142 cfs to approximately 38 cfs at the end of the month.

The minimum target flow of 2 cfs to Hilton Creek was met throughout June with HCWS gravity flow to the URP and a small amount to the LRP (approximately 7 cfs) and upper basin flows (> 0.2 cfs since the end of June) for a total of approximately 7.3 cfs throughout June as recorded by the USGS at the LRP that includes upper basin flows (often the USGS and USBR discharge readings do not match).

Bradbury Dam releases have been keeping river flows at the Highway 154 Bridge and the Alisal Bridge well above Table 2 compliance flows (10 cfs as of 6/30/24, ramp-down is supposed to occur from 6/9 at 25 cfs to 10 cfs by 6/30). Target flows at the Highway 154 Bridge and Alisal Bridge were being met as recorded by the USGS at each site with Bradbury Dam spilling since 2/1/24. On 6/30/24, USGS recorded flows of approximately 43 cfs and 45 cfs, respectively. The USGS stream gage at the Highway154 Bridge is operating as designed and contracted. This is a low flow gage that continually records stage but only records river discharges up to 65 cfs. USBR continues to work with the State Board to modify Term 18 and Term 25 to officially move the target flow compliance point to the new USGS gage site.

Tributary Project Updates:

Staff continue to work on 5 focused fish passage and habitat enhancement projects (4 on Quiota Creek and 1 on El Jaro Creek). All permit applications are in process.

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

HCWS and HCEBS: The HCWS and HCEBS are owned, operated, and maintained by USBR. USBR technical staff continues to consider improvement options for the HCWS and HCEBS. The HCWS was initially constructed in 1999 then modified to its current configuration in 2004. Recent and notable changes or repairs to these two Hilton Creek delivery systems are as follows:

- The 1/9/23 storm damaged the HCWS pumping barge and all the electrical systems on that barge were submerged and now need to be replaced. The anchoring cables had to be cut by Reclamation to right that barge that is now holding position by the attached submerged delivery pipeline (both in and out). Lake water is currently flowing by gravity

from the Intake Barge to Hilton Creek and will continue to do so for the unforeseen future given that the lake is full.

- The HCEBS floating pipeline across the Stilling Basin was disconnected on the north side by USBR on 2/7/23 just prior to exercising all four of the spillway gates on 2/8/23. During the 2/25/23 spill event, that floating pipeline moved to the south bank and is now out of harm's way from the current spill event. It has not been determined if the pipeline got damaged upon moving to its current location.
- No further actions or repairs have been scheduled.

Bradbury Dam Operations and Repairs:

Bradbury Dam and Outlet Works: Bradbury Dam and the Outlet Works are owned, operated and maintained by Reclamation.

- On 4/11/23 and 4/12/23, Reclamation closed the Slide Gate on the Bradbury Dam Penstock to the Outlet Works and successfully replaced the stuck 30-inch valve with a blind flange then reopened the Slide Gate.
- During the week of 8/21/23, Reclamation replaced all the Bradbury Dam radial gate lifting motors to return them to full operational condition. Testing of the new motors will happen at a future date.
- On 11/10/23, Reclamation successfully completed reinstalling the refurbished 30-inch Outlet Works valve and testing of the lifting motors of the Bradbury Dam radial gates. All equipment was completely removed by 11/14/23. There was no impact to the downstream fishery during the operation.

Surcharge Water Accounting:

The following table summarizes the amount of surcharge water (defined as the amount of storage added to the lake by installing the flashboards to the top of the four radial gates to take the maximum lake elevation from 750 ft to 753 ft) used to date from each of the three accounts (Fish Passage Supplementation, Adaptive Management, and Fish Rearing) 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 is the day following the last day of full surcharge and the end of the last spill event (the official end date for the WY2024 spill has been declared on 6/21/24 by USBR). With the magnitude of the WY2024 spill, all Surcharge Water Accounts were once again full and debiting started on 6/22/24 as reflected in Table 1 using the 2021 bathymetric survey values.

Table 1: Summary of the surcharge water accounting and use of Project Yield as of 5/31/24, using the 2021 bathymetric survey data.

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage Supplementation			
WY2023	3,200	0	3,200
Adaptive Management	500	0	500
Fish Rearing***	5,527	720	4,807
Unallocated Project Water		0	-
Total:	9,227	720	8,507
* Originally was 9,200 af, 8,942 af in 2008, 9,184 af in 2013, and 9,227 af in 2021.			
** Values as of 6/30/24.			
*** 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 have completed the WY2023 Annual Monitoring Summary and Annual Monitoring Report. Staff has started work on the WY2024 Annual Monitoring 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) – HDR has been assisting with needed documentation for permit applications. This included revisions of the Technical Memo and designs.

Kenneth A. Knight Consulting (Ken Knight) – No work was performed during this period on the established SOW tasks.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 22, 2024
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Janet Gingras

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

RECOMMENDATION:

The Board of Directors receive information on the status of the Lake Cachuma Oak Tree Restoration Program (Program) and provide direction to staff as appropriate.

SUMMARY:

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since May 2023 to the present (7/1/23 – 7/22/24, Table 1). Labor and expenses as well as water usage for the entire fiscal year (July 2024 - June 2025) are tracked separately and reported as necessary as recommended by the Lake Cachuma Oak Tree Committee. COMB staff continues to rely on the Fisheries Division (FD) seasonal employees whenever possible to conduct most of the 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 2022 Annual Report with the annual inventory and Fiscal Year 2022-23 financials was completed and reviewed by the Lake Cachuma Oak Tree Committee on 9/14/23 and provided to the COMB Board on 9/25/23 that recommended going forward with only maintaining the currently planted oak trees. The COMB Board agreed with that directive.

Table 1: Cachuma Oak Tree Program completed maintenance tasks since July 2023.

	July 2023	Aug 2023	Sept 2023	Oct 2023	Nov 2023	Dec 2023 ¹	Jan 2024 ¹	Feb 2024 ¹	Mar 2024 ¹	April 2024 ¹	May 2024 ¹	June 2024	July 2024
Year 13 Oaks (2021-2022)	Irrigation	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated						Irrigated	Irrigated
		Weeded	Weeded	Weeded	Weeded	Watered			Weeded	Weeded	Weeded	Weeded	Weeded
			Repair										
Year 12 Oaks (2020-2021)	Irrigation	Irrigated	Irrigated	Irrigated		Irrigated						Irrigated	Irrigated
		Weeded	Weeded	Weeded		Watered						Weeded	Weeded
Year 11 Oaks (2019-2020)	Irrigation	Irrigated		Irrigated	Irrigated								
		Weeded		Weeded	Weeded								
Year 10 Oaks (2018-2019)													
Year 9 Oaks (2016-2017)													
Year 8 Oaks (2015-2016)													
Year 7 Oaks (2014-2015)													

¹ Oak tree inventory.

Summaries of specific tasks outside of routine maintenance are presented below.

SPECIFIC TASKS

Tree Irrigating/Weeding

The soil moisture index has reached the “Dry” category in the Santa Ynez Valley with the Santa Barbara Flood County Flood Control District recently measuring Antecedent Indexes of 10.6-10.8 (9.1 and above = Dry). Beginning the first week of June, COMB-FD staff commenced dry season watering (and weeding),

starting with the most recent age class of oak trees (Year 13). Year 12 trees are also being irrigated and weeded this month.

Tree Planting

There is no planting of new trees being considered for this year.

Annual Inventory

The 2023 Annual Inventory of all year classes has been completed and will be reported in the 2023 Annual Report.

End of Program Plan

A Lake Cachuma Oak Tree End of Program Plan was presented to the Lake Cachuma Oak Tree Committee on 5/17/23 and presented to the COMB Board on 5/22/23 when it was then finalized. The Plan is being followed as presented.

Water Truck

The water truck had a leaky breather valve cover that got replaced while the oil was changed. The truck got fixed on 7/16/24 and is now back at Bradbury Dam ready to be put into the rotation.

COMMITTEE STATUS:

Lake Cachuma Oak Tree Committee is scheduled to meet on 7/25/24 to review the draft 2023 Annual Inventory with Fiscal Year 2023-24 financials. The Committee will then make recommendations.

LIST OF EXHIBITS:

n/a

WATER YEAR 23-24 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JUNE 2024 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT		
WATER PRODUCTION:	MONTH	WYTD
Cachuma Lake (Tec. Diversion)	1,601.2	10,825.0
Tecolote Tunnel Infiltration	87.1	901.5
Cachuma Lake (County Park)	2.0	12.7
Subtotal - Water Production	1,690.3	11,739.1
WATER DELIVERIES:		
State Water Diversion	0.0	201.6
Cachuma Diversion	1,571.1	11,304.5
Storage gain/(loss) ⁽²⁾	42.4	50.6
Subtotal - Water Deliveries	1,613.5	11,556.7
Total Water Production	1,690.3	11,739.1
Total Water Deliveries	1,613.5	11,556.7
Difference = Apparent Water Loss	76.8	182.4
% Apparent Water Loss	4.54%	1.55%

SCC APPARENT WATER LOSS ALLOCATION (AWL) ⁽³⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
CURRENT MONTH CHARGE / (ADJUSTMENT)					
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	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total Current Month	0.0	0.0	0.0	0.0	0.0
WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)					
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	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total AWL Charged (WYTD)	0.0	0.0	0.0	0.0	0.0
Total AWL Not Charged (WYTD)					182.4
Total AWL Incurred (WYTD)					182.4

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
CURRENT MONTH						
Water Usage						
M&I	887.0	62.1	119.6	123.2	2.0	1,193.9
Agricultural	235.8	0.0	8.1	133.2	N/A	377.2
Subtotal Project Water Use	1,122.8	62.1	127.7	256.5	2.0	1,571.1
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	0.0	0.0	0.0	0.0	0.0	0.0
Total Project Water Charge	1,122.8	62.1	127.7	256.5	2.0	1,571.1
WATER YEAR-TO-DATE						
Water Usage						
M&I	6,024.9	1,767.8	467.3	1,007.8	12.7	9,280.5
Agricultural	1,074.7	0.0	37.0	912.2	N/A	2,023.9
Subtotal Project Water Use	7,099.7	1,767.8	504.3	1,920.0	12.7	11,304.5
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	83.0	128.8	32.9	27.0	36.7	308.4
Total Project Water Charge (*)	7,182.7	1,896.6	537.2	1,947.0	49.4	11,612.9

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

WATER YEAR 23-24 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JUNE 2024 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT WATER BALANCE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
Project Water Carryover - 10/1/2023	6,514.3	7,932.7	2,076.1	2,110.2	2,155.3	20,788.6
(-) Project Water Charge (WYTD)	3,720.5	1,355.6	276.3	1,107.7	42.8	6,502.9
Carryover Available Before Adjustments	2,793.8	6,577.1	1,799.8	1,002.5	2,112.5	14,285.7
Adjustments to Carryover (WYTD)						
State Water Exchange ⁽⁵⁾	0.0	0.0	0.0	0.0	0.0	0.0
Surplus ⁽⁶⁾	516.5	321.9	4.4	102.8	6.7	952.2
Carryover Spilled ⁽⁷⁾	(3,310.3)	(6,899.0)	(1,804.2)	(1,105.2)	(2,119.2)	(15,237.8)
Balance Project Water Carryover	0.0	0.0	0.0	0.0	0.0	0.0
Current Year Allocation ⁽⁸⁾	9,322.0	8,277.0	2,651.0	2,813.0	2,651.0	25,714.0
(-) Balance of Project Water Charge (WYTD)	3,462.2	541.0	260.9	839.2	6.6	5,110.0
Allocation Available Before Adjustments	5,859.8	7,736.0	2,390.1	1,973.8	2,644.4	20,604.0
Adjustments to Allocation (WYTD)						
State Water Exchange ⁽⁵⁾	243.0	163.0	163.0	108.0	(677.0)	0.0
Surplus	3,125.3	522.4	222.6	762.3	562.1	5,194.7
Transfers/Adjustment - SB/La Cumbre	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Bishop Ranch ⁽⁹⁾	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
Balance Current Year Allocation	9,328.2	8,421.4	2,775.7	2,844.1	2,529.5	25,898.8
Total Cachuma Project Water Available	9,328.2	8,421.4	2,775.7	2,844.1	2,529.5	25,898.8

ACCUMULATED DROUGHT WATER CREDIT (ADWC) BALANCE ⁽¹⁰⁾

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
ADWC Balance - 10/1/2023	0.0	0.0	0.0	0.0	0.0	0.0
(-) ADWC Water Charge (WYTD)	0.0	0.0	0.0	0.0	0.0	0.0
Adjustments to ADWC (WYTD)						
ADWC Spilled	0.0	0.0	0.0	0.0	0.0	0.0
Balance ADWC	0.0	0.0	0.0	0.0	0.0	0.0
Total Cachuma Project + ADWC Available	9,328.2	8,421.4	2,775.7	2,844.1	2,529.5	25,898.8

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 SWP Exchange Agrmt GWD received 145 AF; City of SB received 97 AF; MWD received 97 AF; and CVWD received 64 AF from ID#1 in June 2024
- (6) Per USBR, surplus water became available to Member Units beginning 2/1/24 and ending 6/21/24 (end of day)
- (7) Spill releases from Bradbury Dam in February 2024 (113,097 AF) reduced SWP and Carryover accounts
- (8) Per USBR, 100% allocation to Member Units, effective 10/1/23
- (9) Transfer per Contract for Exchange Water with Thomas B. Bishop Company and GWD (100 AF)
- (10) ADWC accrual for WY 2023 and WY 2024 is pending Reclamation determination
- (11) Memo only - State Water Deliveries to Lake Cachuma for June 2024 was 0 AF
- (12) Memo only - MWD has received 1,395.0 AF under the City of SB / MWD WSA ("Desal") for this Contract Year (July 1 - June 30)

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **JUNE 2024**

GLEN ANNIE RESERVOIR ⁽¹⁾

Capacity at 385' elevation:	335	AF
Capacity at sill of intake at 334' elevation:	21	AF
Stage of Reservoir Elevation	354.0	Feet
Water in Storage	140.16	AF

LAURO RESERVOIR

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	546.5	Feet
Water in Storage	454.71	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	448.5	Feet
Water in Storage	24.32	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	377.3	Feet
Water in Storage	28.64	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	507.67	AF
	48.65	AF

CACHUMA RESERVOIR ⁽²⁾

Capacity at 750' elevation: ⁽³⁾	183,751	AF
Capacity at sill of tunnel 660' elevation:	23,642	AF

Stage of Reservoir Elevation	753.52	Feet
Water in Storage	194,612	AF
Surface Area	3,142	Acres
Evaporation	1,785.0	AF
Inflow	4,463.3	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	425.8	AF
Outlet	2818.0	AF
Spill/Seismic Release	0	AF
State Water Project Water	0.0	AF
Change in Storage	-2,111	AF
Tecolote Diversion	1,543.2	AF

Rainfall:	Month: 0.00	Year: 32.86	
			Inches

(1) Glen Annie Reservoir is currently offline and excluded from Total Storage in Reservoirs amount.
 (2) Lake Cachuma reservoir storage volume based on 2021 bathymetric survey (NGVD29)
 (3) In 2004, flashboard installation raised Cachuma Reservoir max elevation to 753' (192,978 AF); surcharge

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

Contract Year: 10/1/23 to: 9/30/24

Contract Entity: **Goleta Water District**
 Update by COMB 6/30/2024

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	6,514.3	9,322.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	6,514.3	9,322.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED				
Acre-feet			Evap			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	M & I	Agr	Total	
756.2	244.7	1,000.9	36.9	1,000.9	1,037.9	778.1	259.8	-	-	-	
642.3	185.0	827.3	21.3	827.3	848.6	654.3	194.3	-	-	-	
549.0	136.8	685.8	9.8	685.8	695.6	554.1	141.5	-	-	-	
586.8	27.6	614.4	7.6	614.4	622.0	590.4	31.6	-	-	-	
478.1	31.0	509.1	7.4	509.1	516.5	480.9	35.5	-	-	-	
660.5	22.3	682.8	-	-	-	-	-	660.5	22.3	682.8	
643.8	35.6	679.4	-	-	-	-	-	643.8	35.6	679.4	
821.3	155.9	977.1	-	-	-	-	-	821.3	155.9	977.1	
887.0	235.8	1,122.8	-	-	-	-	-	887.0	235.8	1,122.8	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
6,024.9	1,074.7	7,099.7	83.0	3,637.5	3,720.5	3,057.8	662.7	3,012.6	449.6	3,462.2	

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

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	6,514.3	3,860.8	2,653.5	6,644.0	2,678.0	9,322.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	Surplus, Spill ⁽¹⁾	(2,793.8)	(803.0)	(1,990.8)	-	-
Mar	Surplus (+682.8AF)	-	-	660.5	22.3	682.8
Apr	Surplus, ID#1 Exch, Bishop Ranch ⁽²⁾	-	-	754.1	38.3	792.4
May	Surplus (+977.1AF) + ID#1 Exch (+85AF)	-	-	876.5	185.6	1,062.1
Jun	Surplus (+785.9AF) + ID#1 Exch (+145AF)	-	-	702.1	228.8	930.9
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	5,476.4	3,082.7	2,393.7	6,644.0	2,678.0	9,322.0
Nov	4,627.8	2,428.4	2,199.4	6,644.0	2,678.0	9,322.0
Dec	3,932.2	1,874.3	2,057.9	6,644.0	2,678.0	9,322.0
Jan	3,310.3	1,283.9	2,026.3	6,644.0	2,678.0	9,322.0
Feb	-	-	-	6,644.0	2,678.0	9,322.0
Mar	-	-	-	6,644.0	2,678.0	9,322.0
Apr	-	-	-	6,754.3	2,680.7	9,435.0
May	-	-	-	6,809.5	2,710.5	9,520.0
Jun	-	-	-	6,624.6	2,703.5	9,328.2
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 9,328.2

Footnotes

- (1) Schedule and Revisions (February 2024) - Includes Surplus Water (+516.5AF) and Carryover Water Spilled (-3,310.3AF)
- (2) Schedule and Revisions (April 2024) - Includes Surplus Water (+679.4AF), ID#1 Exchange (+13AF), and Bishop Ranch Exchange (+100AF)

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

Contract Year: 10/1/23 to: 9/30/24

Contract Entity: **Montecito Water District**
 Update by COMB 6/30/2024

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,076.1	2,651.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	2,076.1	2,651.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED				
Acre-feet			Allocation			Allocation			Total		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	M & I	Agr	Total	
97.7	15.9	113.7	12.4	113.7	126.1	107.8	18.2	-	-	-	
66.9	4.7	71.6	8.1	71.6	79.7	73.4	6.3	-	-	-	
22.5	1.8	24.3	4.3	24.3	28.6	26.0	2.6	-	-	-	
33.0	0.7	33.7	3.8	33.7	37.6	36.1	1.5	-	-	-	
-	-	-	4.4	-	4.4	4.3	0.1	-	-	-	
36.8	0.8	37.6	-	-	-	-	-	36.8	0.8	37.6	
-	-	-	-	-	-	-	-	-	-	-	
90.7	4.9	95.6	-	-	-	-	-	90.7	4.9	95.6	
119.6	8.1	127.7	-	-	-	-	-	119.6	8.1	127.7	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
467.3	37.0	504.3	32.9	243.4	276.3	247.6	28.6	247.1	13.8	260.9	

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

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	2,076.1	1,690.3	385.8	2,244.0	407.0	2,651.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	Surplus, Spill ⁽¹⁾	(1,799.8)	(357.2)	-	-	-
Mar	Surplus (+37.6AF)	-	-	36.8	0.8	37.6
Apr	ID#1 Exch (+9AF)	-	-	7.1	1.9	9.0
May	Surplus (+95.6AF) + ID#1 Exch (+57AF)	-	-	127.8	24.8	152.6
Jun	Surplus (+89.4AF) + ID#1 Exch (+97AF)	-	-	138.0	48.4	186.4
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	1,950.0	1,582.5	367.6	2,244.0	407.0	2,651.0
Nov	1,870.3	1,509.0	361.3	2,244.0	407.0	2,651.0
Dec	1,841.8	1,483.1	358.7	2,244.0	407.0	2,651.0
Jan	1,804.2	1,447.0	357.2	2,244.0	407.0	2,651.0
Feb	-	-	-	2,244.0	407.0	2,651.0
Mar	-	-	-	2,244.0	407.0	2,651.0
Apr	-	-	-	2,251.1	408.9	2,660.0
May	-	-	-	2,288.2	428.8	2,717.0
Jun	-	-	-	2,306.6	469.1	2,775.7
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 2,775.7

Footnotes
 (1) Schedule and Revisions (February 2024) - Includes Surplus Water (+4.4AF) and Carryover Water Spilled (-1,804.2AF)

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

Contract Year: 10/1/23 to: 9/30/24

Contract Entity: **Santa Barbara Co. Water Agency**
 Update by COMB 6/30/2024

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr	TOTAL WATER USED				CARRYOVER WATER					CURRENT YEAR ALLOCATION		
			Acre-feet				WATER USE CHARGED					WATER USE CHARGED		
			Use %	M & I	Agr	Total	Evap	Div	Total	Allocation		Allocation		Total
Oct	20,788.6	25,714.0	0.0	1,041.6	442.3	1,483.9	123.0	1,483.9	1,606.9	1,135.2	471.7	-	-	-
Nov	-	-	0.0	1,114.4	348.4	1,462.8	77.7	1,462.8	1,540.5	1,173.7	366.8	-	-	-
Dec	-	-	0.0	1,085.5	250.5	1,336.0	38.9	1,336.0	1,375.0	1,115.1	259.8	-	-	-
Jan	-	-	0.0	915.4	80.0	995.4	33.0	995.4	1,028.4	940.4	87.9	-	-	-
Feb	-	-	0.0	851.7	64.7	916.4	35.8	916.4	952.2	879.2	73.0	-	-	-
Mar	-	-	0.0	977.6	86.1	1,063.7	-	-	-	-	-	977.6	86.1	1,063.7
Apr	-	-	0.0	890.3	93.7	983.9	-	-	-	-	-	890.3	93.7	983.9
May	-	-	0.0	1,210.2	281.0	1,491.2	-	-	-	-	-	1,210.2	281.0	1,491.2
Jun	-	-	0.0	1,193.9	377.2	1,571.1	-	-	-	-	-	1,193.9	377.2	1,571.1
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	20,788.6	25,714.0	0.2	9,280.5	2,023.9	11,304.5	308.4	6,194.5	6,502.9	5,243.6	1,259.3	4,272.0	838.0	5,110.0

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

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	20,788.6	15,692.8	5,095.8	19,506.5	6,207.5	25,714.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	Surplus, Spill ⁽¹⁾	(14,285.7)	(10,449.2)	(3,836.5)	-	-
Mar	Surplus (+1,063.7AF)	-	-	-	977.6	86.1
Apr	Surplus, Bishop Ranch ⁽²⁾	-	-	-	1,021.4	99.5
May	Surplus (+1,728.2AF)	-	-	-	1,384.2	344.0
Jun	Surplus (+1,381.9AF)	-	-	-	1,036.4	345.5
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	County Parks Usage (AF)	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	1.3	19,181.7	14,557.6	4,624.1	19,506.5	6,207.5
Nov	1.3	17,641.2	13,384.0	4,257.2	19,506.5	6,207.5
Dec	0.9	16,266.2	12,268.8	3,997.4	19,506.5	6,207.5
Jan	1.0	15,237.8	11,328.4	3,909.5	19,506.5	6,207.5
Feb	1.5	-	-	-	19,506.5	6,207.5
Mar	1.4	-	-	-	19,506.5	6,207.5
Apr	1.3	-	-	-	19,637.6	6,213.4
May	1.9	-	-	-	19,811.6	6,276.4
Jun	2.0	-	-	-	19,654.1	6,244.7
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 25,898.8

Footnotes
 (1) Schedule and Revisions (February 2024) - Includes Surplus Water (+952.2AF) and Carryover Water Spilled (-15,237.8AF)
 (2) Schedule and Revisions (April 2024) - Includes Surplus Water (+1,020.9AF) and Bishop Ranch Exchange (+100AF)



July 2024

Day ¹	Lake Cachuma				Rainfall		Evaporation ³		CCWA Inflow	Release					Computed Inflow ⁵	
	Elevation	Storage ²	Change in Storage	Surface Area						Park Use	Tunnel	Hilton Creek	WR 89-18	Outlet ⁴		Spillway
SHEF Tag→	HL	LS	LC		PP	PPAF	EV	EVAF	QICWA		QUTEC	QUHIL	QUWATR	QU	QS	QI
	ft	acre-feet	acre-feet	acres	inches	acre-feet	inches	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet
30	753.52	194,612														
1	753.47	194,455	(157.1)	3,140.6	-	-	0.360	76.32	-	-	59.48	14.21	-	60.00	-	52.93
2	753.43	194,329	(125.7)	3,139.3	-	-	0.300	63.57	-	-	59.49	14.20	-	61.00	-	72.59
3	753.40	194,235	(94.2)	3,138.3	-	-	0.290	61.43	-	-	62.41	14.20	-	61.00	-	104.79
4	753.36	194,109	(125.7)	3,137.0	-	-	0.340	71.99	-	-	60.92	14.19	-	60.00	-	81.44
5	753.31	193,952	(157.1)	3,135.3	-	-	0.380	80.42	-	-	63.85	14.24	-	61.00	-	62.43
6	753.27	193,827	(125.7)	3,134.0	-	-	0.320	67.69	-	-	60.87	14.18	-	61.00	-	78.08
7	753.22	193,669	(157.1)	3,132.4	-	-	0.300	63.43	-	-	62.46	14.16	-	60.00	-	42.97
8	753.18	193,544	(125.7)	3,131.1	-	-	0.230	48.61	-	-	42.08	14.19	-	61.00	-	40.22
9	753.14	193,418	(125.7)	3,129.7	-	-	0.260	54.93	-	-	51.48	14.18	-	60.00	-	54.93
10	753.10	193,292	(125.7)	3,128.4	-	-	0.300	63.35	-	-	51.57	14.18	-	61.00	-	64.44
11	753.06	193,167	(125.7)	3,127.1	-	-	0.260	54.88	-	-	51.82	14.17	-	60.00	-	55.21
12	753.00	192,978	(188.5)	3,125.1	-	-	0.380	80.16	-	-	51.96	14.19	-	61.00	-	18.81
13	752.96	192,854	(124.3)	3,123.8	-	-	0.220	46.39	-	-	53.21	14.17	-	60.00	-	49.43
14	752.91	192,699	(155.4)	3,122.1	-	-	0.170	35.83	-	-	40.94	14.12	-	60.00	-	(4.54)
15	752.88	192,605	(93.3)	3,121.1	-	-	0.270	56.88	-	-	35.13	14.14	-	61.00	-	73.91
16	752.83	192,450	(155.4)	3,119.4	-	-	0.280	58.96	-	-	37.34	14.14	-	60.00	-	15.02
17	752.79	192,326	(124.3)	3,118.1	-	-	0.270	56.83	-	-	37.58	14.13	-	60.00	-	44.20
18	752.73	192,139	(186.5)	3,116.1	-	-	0.270	56.79	-	-	52.25	14.12	-	61.00	-	(2.35)
Total			(2,472.87)		-	-	5.200	1,098.46	-	-	934.83	255.11	-	1,089.00	-	904.53
Minimum	752.73	192,139	(188.49)	3,116.09	-	-	0.170	35.83	-	-	35.13	14.12	-	60.00	-	(4.54)
Average	753.11	193,336	(137.38)	3,128.83	-	-	0.289	61.03	-	-	51.94	14.17	-	60.50	-	50.25
Maximum	753.47	194,455	(93.25)	3,140.57	-	-	0.380	80.42	-	-	63.85	14.24	-	61.00	-	104.79

Comments

1. Data based on 24-hour period ending 0800
2. Storage volume based on 2021 bathymetric survey.
3. Evaporation in inches is the measured pan evaporation. Calculated evaporation in acre feet uses the July pan factor: 81%
4. Indicated outlet release includes any leakage around gates.
5. Computed inflow is the sum of change in storage, releases, and evaporation minus precip on the reservoir surface and CCWA inflow.



**Santa Barbara County Parks Division,
Cachuma Lake Recreation Area
Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: June 2024**



Cachuma Lake Recreation Area Launch Data – June 2024		
Inspection Data		
Total Vessels Entering Park	736	
Total Vessels Launched	721	
Total Vessels Quarantined	15	
Returning (Tagged) Boats Launched	537	74%
Kayak/Canoe: Inspected, launched	184	26%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Quarantine Data		
Total Vessels Quarantined	15	
Quarantined 14 days	*	
Quarantined 30 days	15	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	3	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	15	
Demographic Data		
Quarantined from infected county	3	
Quarantined from SB County	10	
Quarantined from uninfected co	2	

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 Reservoir, Santa Barbara County, California.

Plankton Tow Inspection Dates: 2024.06.13, 2024.06.26

Artificial Substrate & Surface Survey Date: 2024.06.26, 2024.06.26

Method: 5 Artificial Substrate Stations; 24 meters /78.74 linear feet of line as well as ramp, dock, anchor, etc.

Surveyors: COSB, Parks Division – JP Sekulich

Lake elevation: Max feet: 753.00, current 753.40; Max acre-feet: 192,978, current: 194,235;

Capacity: 101% At of the end of the survey month.