



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

**Monday, February 24, 2025  
1:00 P.M.**

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**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/87579762721?pwd=ohHGvf8P7P1QvBFu5LzQDqkDZ3LPCh.1>

Passcode:640380

**Join via Teleconference**

US +1 669 900 6833    Webinar ID: 875 7976 2721    Passcode: 640380

**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 keypad 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**

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**Monday, February 24, 2025**

**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 January 27, 2025 Regular Board Meeting
  - b. Investment of Funds
    - Financial Reports
    - Investment Reports
  - c. Review of Paid Claims
4. **VERBAL REPORTS FROM BOARD COMMITTEES**  
Receive verbal information regarding the following committee meetings:
  - Fisheries Committee Meeting – February 12, 2025
  - Administrative Committee Meeting – February 18, 2025
  - Operations Committee Meeting – February 19, 2025
5. **INDEPENDENT FINANCIAL AUDITING SERVICES - PROFESSIONAL SERVICES AGREEMENT**  
Action: Recommend approval by motion and roll call vote of the Board
6. **DIRECTOR COMPENSATION - REQUIRED PUBLIC NOTIFICATIONS**  
Action: Receive information related to Director Compensation required public notifications, and provide direction to staff as appropriate
7. **SHEFFIELD TUNNEL PIPELINE ASSESSMENT AND ENGINEERING SUPPORT**  
Action: Recommend approval by motion and roll call vote of the Board

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8. **UPDATE ON PROPOSED FISH PASSAGE AND HABITAT IMPROVEMENT PROJECT**  
Action: Board review updated information and provide direction to staff, as appropriate
9. **PRESENTATION ON THE WATER YEAR 2024 ANNUAL MONITORING SUMMARY**  
Board receive a presentation on the Water Year 2024 Annual Monitoring Summary
10. **GENERAL MANAGER REPORT**  
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
  - Administration
  - U.S. Bureau of Reclamation
11. **ENGINEER'S REPORT**  
Receive information from the COMB Engineer, including but not limited to the following:
  - Climate Conditions
  - Lake Elevation Projection
  - Winter Storm Damage
  - Risk and Resilience Assessment
  - Infrastructure Improvement Projects
12. **OPERATIONS DIVISION REPORT**  
Receive information regarding the Operations Division, including but not limited to the following:
  - Lake Cachuma Operations
  - Operation and Maintenance Activities
13. **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
14. **PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM**  
Action: Receive information, including but not limited to the following:
  - Maintenance and Monitoring
15. **MONTHLY CACHUMA PROJECT REPORTS**  
Receive information regarding the Cachuma Project, including but not limited to the following:
  - a. Cachuma Water Reports
  - b. Cachuma Reservoir Current Conditions
  - c. Lake Cachuma Quagga Survey
16. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**
17. **MEETING SCHEDULE**
  - **Regular Board Meeting – March 24, 2025 at 1:00 PM**
  - **Board Packages available on COMB website [www.cachuma-board.org](http://www.cachuma-board.org)**
18. **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, January 27, 2025  
1:00 PM**

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**MINUTES**

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

The regular meeting of the Board of Directors was called to order by President Holcombe at 1:04 PM.

**Directors Present:**

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

**General Counsel Present:**

William Carter - Musick, Peeler, Garrett, LLP

**Staff Present:**

Janet Gingras, General Manager  
Edward Lyons, Administrative Manager / CFO  
Tim Robinson, Fisheries Division Manager  
Joel Degner, Engineer / Operations Manager

Shane King, Ops Supervisor/Chief Distribution Operator  
Rosey Bishop, Administrative Assistant II  
Dorothy Turner, Administrative Assistant II

**Others Present:**

Jonathan Allcock, Resident  
Dana Hoffenberg, City of Santa Barbara  
David Linville, Goleta Water District  
Nicholas Turner, Montecito Water District

Patrick O'Connor, Carpinteria Valley Water District  
Matthew Scrudato, County of SB Water Agency  
Matt Young, County of SB Water Agency

**2. PUBLIC COMMENT**

President Holcombe introduced Carpinteria Valley Water District's newly appointed alternate director, Patrick O'Connor and Director Hanson introduced Goleta Water District's newly appointed alternate director, David Linville.

Mr. Allcock addressed the Board regarding his concerns about water resilience and the responsible use of natural resources. He requested that the Board consider performing a feasibility study to remove sedimentation from three area reservoirs.

**3. CONSENT AGENDA**

- a. Minutes of December 16, 2024 Regular Board Meeting
- b. Investment of Funds
  - Financial Reports
  - Investment Reports
- c. Review of Paid Claims

Ms. Gingras referred the Board to the Minutes of the last meeting and advised that approval will be addressed in a separate motion and vote. She invited Mr. Lyons to comment on the financial reports.

Mr. Lyons reviewed the Financial reports and Paid Claims. He highlighted a number of expenditures of note, including remittances to Flowers & Associates, Reclamation, Industrial Safety Products, Industrial Truck Bodies, Core & Main and the return of FY 2023-24 Unexpended Funds. He fielded questions from the Board.

President Holcombe requested a motion to approve the Minutes. Director Hanson so moved followed by a second from Director Sneddon. The motion carried with a vote of five in favor with one member abstaining.

**Ayes:** Sneddon, Hanson, Holcombe

**Nays:**

**Absent:**

**Abstain:** Hayman

President Holcombe called for a motion to approve the remainder of the Consent Agenda. Director Sneddon made a motion to approve and Director Hanson seconded the motion. The motion carried unanimously with a vote of six in favor.

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

**Nays:**

**Absent:**

**Abstain:**

#### **4. FINANCIAL REVIEW – 2<sup>ND</sup> QUARTER FISCAL YEAR 2024-25**

Mr. Lyons shared his financial review presentation for the second quarter of this 2024-25 fiscal year. He reviewed revenues, the majority of which were received through the quarterly budget assessments. Moving on to the division reports, and taking each division separately, Mr. Lyons compared actual expenses to the division's budget, with explanation for any variances that exceeded the expected budget. He provided a forecast of projected expenditures for the remainder of the fiscal year. Finally, Mr. Lyons reviewed the administrative deliverables and fielded questions from the Board.

#### **5. GENERAL MANAGER REPORT**

- Administration

Ms. Gingras presented the General Manager report and reviewed the contracts she had executed during the previous fiscal quarter. She summarized the annual IT consultant review and reported on the status of staff work plans and expenditures for the remainder of the fiscal year. Ms. Gingras noted that staff is currently working on an update of the 5-Year Infrastructure Improvement Plan. Questions from, and discussion by the Board followed.

#### **6. ENGINEER'S REPORT**

- Climate Conditions
- Lake Elevation
- Winter Storm Damage
- Sheffield Tunnel Inspection
- Infrastructure Improvement Projects

Mr. Degner presented the Engineer's report and stated that the water year remains dry with concurrent fire danger, despite the recent rain event. He reported that lake projections have changed very little since his last report. Mr. Degner provided an update of FEMA activities, noting that 2023 is complete while 2024 is still under way. He mentioned that the Sheffield tunnel inspection, delayed due to communication issues, will be rescheduled. Finally, Mr. Degner advised that critical elevator repairs are pending and fielded questions from the Board.

**7. OPERATIONS DIVISION REPORT**

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. King focused his report on staff's annual exercising of valves. He noted a purchase order has been issued to purchase a trailer for the backhoe. The photos illustrated before and after conditions of various projects which elicited thanks from the Board.

**8. FISHERIES DIVISION REPORT**

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

Mr. Robinson reported that staff has been performing standard monitoring tasks, including Redd surveys. Target flows at the measuring sites are still more than adequate. He advised that Reclamation is considering the refurbishment of valves at Bradbury. As well, staff has completed and is performing an internal review of the Annual Monitoring Summary.

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

- Maintenance and Monitoring

Mr. Robinson summarized oak tree activities which were focused on irrigation of the most recent plantings. The month of January has been focused on the annual tree inventory.

**10. MONTHLY CACHUMA PROJECT REPORTS**

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

Ms. Gingras reported that apparent water loss has dropped over last month but staff continues to analyze the cause of the loss.

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

There were no requests from directors.

**12. MEETING SCHEDULE**

- **Regular Board Meeting – February 24, 2025 at 1:00 PM**
- **Board Packages available on COMB website [www.cachuma-board.org](http://www.cachuma-board.org)**

**14. COMB ADJOURNMENT**

There being no further business, the meeting was adjourned at 2:16 PM.

Respectfully submitted,

\_\_\_\_\_  
Janet Gingras, Secretary of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

**APPROVED:**

\_\_\_\_\_  
Polly Holcombe, President of the Board

# Cachuma Operation & Maintenance Board Statement of Net Position

As of January 31, 2025  
UNAUDITED FINANCIALS

	January 31, 2025
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
<b>Trust Funds</b>	
1210 · Warren Act Trust Fund	\$ 68,207.28
1220 · Renewal Fund	61,417.14
<b>Total Trust Funds</b>	\$ 129,624.42
1050 · General Fund	810,448.85
1100 · Revolving Fund	392,932.34
<b>Total Checking/Savings</b>	1,333,005.61
<b>Accounts Receivable</b>	
1301 · Accounts Receivable	1,570.00
<b>Total Accounts Receivable</b>	1,570.00
<b>Other Current Assets</b>	
1200 · LAIF	
1200-1 · LAIF Fund	1,645,597.99
1200-2 · Fair Market Value Adjustment	(5,145.64)
<b>Total 1200 · LAIF</b>	1,640,452.35
1010 · Petty Cash	500.00
1303 · Bradbury SOD Act Assmnts Rec	235,771.99
1304 · Lauro Dam SOD Assesmnt Rec	35,784.41
1400 · Prepaid Insurance	14,501.72
<b>Total Other Current Assets</b>	1,927,010.47
<b>Total Current Assets</b>	3,261,586.08
<b>Fixed Assets</b>	
1500 · Vehicles	805,354.46
1505 · Office Furn & Equipment	242,066.08
1510 · Mobile Offices	424,910.38
1515 · Field Equipment	666,108.20
1520 · Building Improvements	62,263.00
1524 · Infrastructure	9,209,556.69
1550 · Accumulated Depreciation	(2,235,422.83)
<b>Total Fixed Assets</b>	9,174,835.98
<b>Other Assets</b>	
1910 · LT Bradbury SOD Act Assess Rec	3,372,698.07
1920 · LT Lauro SOD Act Assess Rec	634,994.44
1922 · Deferred O/F of Res (GASB 68)	1,124,425.00
1923 · Deferred Outflow (GASB 75)	543,969.00
<b>Total Other Assets</b>	5,676,086.51
<b>TOTAL ASSETS</b>	<b>\$ 18,112,508.57</b>

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

As of January 31, 2025

UNAUDITED FINANCIALS

January 31, 2025

**LIABILITIES & NET POSITION**

**Liabilities**

**Current Liabilities**

**Accounts Payable**

2200 · Accounts Payable \$ 13,738.78

**Total Accounts Payable** 13,738.78

**Other Current Liabilities**

2505 · Accrued Wages 41,585.88

2510 · Accrued Expenses 3,307.38

2550 · Vacation/Sick 313,673.30

2561 · Bradbury Dam SOD Act 235,771.99

2563 · Lauro Dam SOD Act 35,784.41

2565 · Accrued Interest SOD Act 28,125.00

2590 · Deferred Revenue 129,624.42

**Total Other Current Liabilities** 787,872.38

**Total Current Liabilities** 801,611.16

**Long Term Liabilities**

2602 · LT SOD Act Liability-Bradbury 3,372,688.07

2603 · LT SOD Act Liability - Lauro 634,994.44

2604 · OPEB LT Liability 3,185,182.00

2610 · Net Pension Liability (GASB 68) 2,705,584.00

2611 · Deferred I/F of Res (GASB 68) 67,850.00

2612 · Deferred I/F of Res (GASB 75) 1,104,764.00

**Total Long Term Liabilities** 11,071,062.51

**Total Liabilities** 11,872,673.67

**Net Position**

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

3901 · Retained Net Assets 9,618,771.58

**Net Surplus / Deficit** 1,917,643.37

**Total Net Position** 6,239,834.90

**TOTAL LIABILITIES & NET POSITION** \$ 18,112,508.57

**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures (Unaudited)**  
 Budget vs. Actuals July 2024 - June 2025

	Fisheries				Operations				TOTAL			
	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget
<b>Revenue</b>												
<b>3000 REVENUE</b>												
3001 · O&M Budget (Qtrly Assessments)	\$ 1,102,997.00	\$ 1,449,436.00	\$ (346,439.00)	76.1%	\$ 3,885,898.00	\$ 4,854,900.00	\$ (969,002.00)	80.04%	\$ 4,988,895.00	\$ 6,304,336.00	\$ (1,315,441.00)	79.13%
3006 · Warren Act	17,286.00	17,286.00	0.00	100.0%	0.00				17,286.00	17,286.00	0.00	100.0%
3007 · Renewal Fund	307,032.12	342,286.00	-35,253.88	89.7%	0.00				307,032.12	342,286.00	-35,253.88	89.7%
3010 · Interest Income	0.00				41,514.33	0.00	41,514.33	100.0%	41,514.33	0.00	41,514.33	100.0%
3014 · Non-Member Agency Revenue	5,020.00	0.00	5,020.00	100.0%	0.00				5,020.00	0.00	5,020.00	100.0%
3020 · Misc Income	0.00				18,606.02	20,000.00	-1,393.98	93.03%	18,606.02	20,000.00	-1,393.98	93.03%
3021 · Grant Income	0.00				560.00	0.00	560.00	100.0%	560.00	0.00	560.00	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%
3047 · 2023 Winter Storms	0.00				272,915.10	800,000.00	-527,084.90	34.11%	272,915.10	800,000.00	-527,084.90	34.11%
<b>Total 3000 REVENUE</b>	<b>\$ 1,532,335.12</b>	<b>\$ 1,909,008.00</b>	<b>\$ (376,672.88)</b>	<b>80.27%</b>	<b>\$ 4,219,493.45</b>	<b>\$ 5,674,900.00</b>	<b>\$ (1,455,406.55)</b>	<b>74.35%</b>	<b>\$ 5,751,828.57</b>	<b>\$ 7,583,908.00</b>	<b>\$ (1,832,079.43)</b>	<b>75.84%</b>
<b>Expense</b>												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 730,627.10	\$ 1,296,613.00	\$ (565,985.90)	56.35%	\$ 730,627.10	\$ 1,296,613.00	\$ (565,985.90)	56.35%
<b>3200 VEH &amp; EQUIPMENT</b>												
3201 · Vehicle/Equip Mtce	0.00				28,312.77	40,000.00	-11,687.23	70.78%	28,312.77	40,000.00	-11,687.23	70.78%
3202 · Fixed Capital	0.00				141,996.68	200,000.00	-58,003.32	71.0%	141,996.68	200,000.00	-58,003.32	71.0%
3203 · Equipment Rental	0.00				3,067.10	40,000.00	-36,932.90	7.67%	3,067.10	40,000.00	-36,932.90	7.67%
3204 · Miscellaneous	0.00				8,875.33	10,000.00	-1,124.67	88.75%	8,875.33	10,000.00	-1,124.67	88.75%
<b>Total 3200 VEH &amp; EQUIPMENT</b>	<b>0.00</b>				<b>182,251.88</b>	<b>290,000.00</b>	<b>-107,748.12</b>	<b>62.85%</b>	<b>182,251.88</b>	<b>290,000.00</b>	<b>-107,748.12</b>	<b>62.85%</b>
<b>3300 · CONTRACT LABOR</b>												
3301 · Conduit, Meter, Valve & Misc	0.00				11,208.00	35,000.00	-23,792.00	32.02%	11,208.00	35,000.00	-23,792.00	32.02%
3302 · Buildings & Roads	0.00				3,807.51	25,000.00	-21,192.49	15.23%	3,807.51	25,000.00	-21,192.49	15.23%
3303 · Reservoirs	0.00				25,428.79	60,000.00	-34,571.21	42.38%	25,428.79	60,000.00	-34,571.21	42.38%
3304 · Engineering, Misc Services	0.00				875.00	40,000.00	-39,125.00	2.19%	875.00	40,000.00	-39,125.00	2.19%
<b>Total 3300 · CONTRACT LABOR</b>	<b>0.00</b>				<b>41,319.30</b>	<b>160,000.00</b>	<b>-118,680.70</b>	<b>25.83%</b>	<b>41,319.30</b>	<b>160,000.00</b>	<b>-118,680.70</b>	<b>25.83%</b>
<b>3400 · MATERIALS &amp; SUPPLIES</b>												
3401 · Conduit, Meter, Valve & Misc	0.00				63,195.68	80,000.00	-16,804.32	79.0%	63,195.68	80,000.00	-16,804.32	79.0%
3402 · Buildings & Roads	0.00				14,549.87	20,000.00	-5,450.13	72.75%	14,549.87	20,000.00	-5,450.13	72.75%
3403 · Reservoirs	0.00				14,214.11	10,000.00	4,214.11	142.14%	14,214.11	10,000.00	4,214.11	142.14%
<b>Total 3400 · MATERIALS &amp; SUPPLIES</b>	<b>0.00</b>				<b>91,959.66</b>	<b>110,000.00</b>	<b>-18,040.34</b>	<b>83.6%</b>	<b>91,959.66</b>	<b>110,000.00</b>	<b>-18,040.34</b>	<b>83.6%</b>
<b>3500 · OTHER EXPENSES</b>												
3501 · Utilities	0.00				4,714.89	7,000.00	-2,285.11	67.36%	4,714.89	7,000.00	-2,285.11	67.36%
3502 · Uniforms	0.00				667.86	7,500.00	-6,832.14	8.91%	667.86	7,500.00	-6,832.14	8.91%
3503 · Communications	0.00				7,133.20	16,000.00	-8,866.80	44.58%	7,133.20	16,000.00	-8,866.80	44.58%
3504 · USA & Other Services	0.00				3,207.42	8,000.00	-4,792.58	40.09%	3,207.42	8,000.00	-4,792.58	40.09%
3505 · Miscellaneous	0.00				8,636.99	12,000.00	-3,363.01	71.98%	8,636.99	12,000.00	-3,363.01	71.98%
3506 · Training	0.00				500.46	3,000.00	-2,499.54	16.68%	500.46	3,000.00	-2,499.54	16.68%
3507 · Permits	0.00				19,368.02	25,000.00	-5,631.98	77.47%	19,368.02	25,000.00	-5,631.98	77.47%
<b>Total 3500 · OTHER EXPENSES</b>	<b>0.00</b>				<b>44,228.84</b>	<b>78,500.00</b>	<b>-34,271.16</b>	<b>56.34%</b>	<b>44,228.84</b>	<b>78,500.00</b>	<b>-34,271.16</b>	<b>56.34%</b>

**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures (Unaudited)**  
 Budget vs. Actuals July 2024 - June 2025

	Fisheries				Operations				TOTAL			
	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget
4100 · LABOR - FISHERIES	505,969.02	870,930.00	-364,960.98	58.1%	0.00				505,969.02	870,930.00	-364,960.98	58.1%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	14,931.12	30,000.00	-15,068.88	49.77%	0.00				14,931.12	30,000.00	-15,068.88	49.77%
4280 · Fixed Capital	0.00	20,000.00	-20,000.00	0.0%	0.00				0.00	20,000.00	-20,000.00	0.0%
4290 · Miscellaneous	727.21	2,500.00	-1,772.79	29.09%	0.00				727.21	2,500.00	-1,772.79	29.09%
<b>Total 4200 · VEHICLES &amp; EQUIP - FISHERIES</b>	<b>15,658.33</b>	<b>52,500.00</b>	<b>-36,841.67</b>	<b>29.83%</b>	<b>0.00</b>				<b>15,658.33</b>	<b>52,500.00</b>	<b>-36,841.67</b>	<b>29.83%</b>
4220 · CONTRACT LABOR - FISHERIES												
4221 · Meters & Valves	0.00	3,000.00	-3,000.00	0.0%	0.00				0.00	3,000.00	-3,000.00	0.0%
4222 · Fish Projects Maintenance	6,473.01	11,000.00	-4,526.99	58.85%	0.00				6,473.01	11,000.00	-4,526.99	58.85%
<b>Total 4220 · CONTRACT LABOR - FISHERIES</b>	<b>6,473.01</b>	<b>14,000.00</b>	<b>-7,526.99</b>	<b>46.24%</b>	<b>0.00</b>				<b>6,473.01</b>	<b>14,000.00</b>	<b>-7,526.99</b>	<b>46.24%</b>
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	6,381.17	8,000.00	-1,618.83	79.77%	0.00				6,381.17	8,000.00	-1,618.83	79.77%
<b>Total 4300 · MATERIALS/SUPPLIES - FISHERIES</b>	<b>6,381.17</b>	<b>8,000.00</b>	<b>-1,618.83</b>	<b>79.77%</b>	<b>0.00</b>				<b>6,381.17</b>	<b>8,000.00</b>	<b>-1,618.83</b>	<b>79.77%</b>
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	1,783.59	5,000.00	-3,216.41	35.67%	0.00				1,783.59	5,000.00	-3,216.41	35.67%
4503 · Permits	6,597.25	8,000.00	-1,402.75	82.47%	0.00				6,597.25	8,000.00	-1,402.75	82.47%
<b>Total 4500 · OTHER EXPENSES - FISHERIES</b>	<b>8,380.84</b>	<b>13,000.00</b>	<b>-4,619.16</b>	<b>64.47%</b>	<b>0.00</b>				<b>8,380.84</b>	<b>13,000.00</b>	<b>-4,619.16</b>	<b>64.47%</b>
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				4,657.49	12,400.00	-7,742.51	37.56%	4,657.49	12,400.00	-7,742.51	37.56%
5001 · Director Mileage	0.00				254.49	600.00	-345.51	42.42%	254.49	600.00	-345.51	42.42%
5100 · Legal	0.00				8,257.00	75,000.00	-66,743.00	11.01%	8,257.00	75,000.00	-66,743.00	11.01%
5101 · Audit	0.00				1,807.00	22,750.00	-20,943.00	7.94%	1,807.00	22,750.00	-20,943.00	7.94%
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				54,711.17	47,900.00	6,811.17	114.22%	54,711.17	47,900.00	6,811.17	114.22%
5310 · Postage/Office Exp	0.00				3,402.87	6,000.00	-2,597.13	56.72%	3,402.87	6,000.00	-2,597.13	56.72%
5311 · Office Equip/Leases	0.00				4,157.53	13,440.00	-9,282.47	30.93%	4,157.53	13,440.00	-9,282.47	30.93%
5312 · Misc Admin Expenses	0.00				6,612.14	11,000.00	-4,387.86	60.11%	6,612.14	11,000.00	-4,387.86	60.11%
5313 · Communications	0.00				4,335.23	9,500.00	-5,164.77	45.63%	4,335.23	9,500.00	-5,164.77	45.63%
5314 · Utilities	0.00				8,031.47	9,739.00	-1,707.53	82.47%	8,031.47	9,739.00	-1,707.53	82.47%
5315 · Membership Dues	0.00				11,489.20	11,700.00	-210.80	98.2%	11,489.20	11,700.00	-210.80	98.2%
5316 · Admin Fixed Assets	0.00				129.84	12,000.00	-11,870.16	1.08%	129.84	12,000.00	-11,870.16	1.08%
5318 · Computer Consultant	0.00				10,551.19	35,000.00	-24,448.81	30.15%	10,551.19	35,000.00	-24,448.81	30.15%
5325 · Emp Training/Subscriptions	0.00				0.00	2,000.00	-2,000.00	0.0%	0.00	2,000.00	-2,000.00	0.0%
5330 · Admin Travel	0.00				29.18	3,500.00	-3,470.82	0.83%	29.18	3,500.00	-3,470.82	0.83%
5331 · Public Information	0.00				1,759.00	3,500.00	-1,741.00	50.26%	1,759.00	3,500.00	-1,741.00	50.26%
<b>Total 4999 · GENERAL &amp; ADMINISTRATIVE</b>	<b>0.00</b>				<b>120,184.80</b>	<b>281,029.00</b>	<b>-160,844.20</b>	<b>42.77%</b>	<b>120,184.80</b>	<b>281,029.00</b>	<b>-160,844.20</b>	<b>42.77%</b>
5299 · ADMIN LABOR	0.00				450,184.56	718,758.00	-268,573.44	62.63%	450,184.56	718,758.00	-268,573.44	62.63%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	8,043.00	25,000.00	-16,957.00	32.17%	0.00				8,043.00	25,000.00	-16,957.00	32.17%
5410 · Postage / Office Supplies	1,859.76	4,000.00	-2,140.24	46.49%	0.00				1,859.76	4,000.00	-2,140.24	46.49%
5411 · Office Equipment / Leases	2,238.52	8,533.00	-6,294.48	26.23%	0.00				2,238.52	8,533.00	-6,294.48	26.23%
5412 · Misc. Admin Expense	3,701.20	7,500.00	-3,798.80	49.35%	0.00				3,701.20	7,500.00	-3,798.80	49.35%



**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures (Unaudited)**  
 Budget vs. Actuals July 2024 - June 2025

	Fisheries				Operations				TOTAL			
	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget
5413 · Communications	2,334.37	4,454.00	-2,119.63	52.41%	0.00				2,334.37	4,454.00	-2,119.63	52.41%
5414 · Utilities	4,324.65	5,243.00	-918.35	82.48%	0.00				4,324.65	5,243.00	-918.35	82.48%
5415 · Membership Dues	7,018.80	7,200.00	-181.20	97.48%	0.00				7,018.80	7,200.00	-181.20	97.48%
5416 · Admin Fixed Assets	69.92	5,000.00	-4,930.08	1.4%	0.00				69.92	5,000.00	-4,930.08	1.4%
5418 · Computer Consultant	5,681.41	20,000.00	-14,318.59	28.41%	0.00				5,681.41	20,000.00	-14,318.59	28.41%
5425 · Employee Education/Subscription	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
5426 · Director Fees	2,507.85	6,700.00	-4,192.15	37.43%	0.00				2,507.85	6,700.00	-4,192.15	37.43%
5427 · Director Mileage	136.91	300.00	-163.09	45.64%	0.00				136.91	300.00	-163.09	45.64%
5430 · Travel	596.51	4,000.00	-3,403.49	14.91%	0.00				596.51	4,000.00	-3,403.49	14.91%
5431 · Public Information	1,172.85	1,500.00	-327.15	78.19%	0.00				1,172.85	1,500.00	-327.15	78.19%
5441 · Audit	973.00	12,250.00	-11,277.00	7.94%	0.00				973.00	12,250.00	-11,277.00	7.94%
5443 · Liab & Property Ins	29,459.85	26,500.00	2,959.85	111.17%	0.00				29,459.85	26,500.00	2,959.85	111.17%
<b>Total 5400 · GENERAL &amp; ADMIN - FISHERIES</b>	<b>70,118.60</b>	<b>140,680.00</b>	<b>-70,561.40</b>	<b>49.84%</b>	<b>0.00</b>				<b>70,118.60</b>	<b>140,680.00</b>	<b>-70,561.40</b>	<b>49.84%</b>
5499 · ADMIN LABOR-FISHERIES	199,072.91	322,898.00	-123,825.09	61.65%	0.00				199,072.91	322,898.00	-123,825.09	61.65%
5510 · Integrated Reg. Water Mgt Plan	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
<b>6199 · SPECIAL PROJECTS</b>												
6097 · GIS and Mapping	0.00				7,840.00	10,000.00	-2,160.00	78.4%	7,840.00	10,000.00	-2,160.00	78.4%
6105 · ROW Management Program	0.00				2,283.85	20,000.00	-17,716.15	11.42%	2,283.85	20,000.00	-17,716.15	11.42%
6110 · SCADA Improvements & Support	0.00				29,186.79	35,000.00	-5,813.21	83.39%	29,186.79	35,000.00	-5,813.21	83.39%
6115 · COMB Blding Improvemnts & Maint	0.00				5,459.25	80,000.00	-74,540.75	6.82%	5,459.25	80,000.00	-74,540.75	6.82%
6125 · 2023 Winter Storm Repairs	0.00				12,100.00	0.00	12,100.00	100.0%	12,100.00	0.00	12,100.00	100.0%
6126 · 2024 Winter Storm Repairs	0.00				291,315.75	150,000.00	141,315.75	194.21%	291,315.75	150,000.00	141,315.75	194.21%
6138 · Water Quality & Sediment Mgmt	0.00				14,085.23	40,000.00	-25,914.77	35.21%	14,085.23	40,000.00	-25,914.77	35.21%
<b>Total 6199 · SPECIAL PROJECTS</b>	<b>0.00</b>				<b>362,270.87</b>	<b>335,000.00</b>	<b>27,270.87</b>	<b>108.14%</b>	<b>362,270.87</b>	<b>335,000.00</b>	<b>27,270.87</b>	<b>108.14%</b>
<b>6000 · INFRASTRUCTURE IMPROVEMENT PROJ</b>												
6075 · Multi-Site Renwble Energy Resil	0.00				0.00	50,000.00	-50,000.00	0.0%	0.00	50,000.00	-50,000.00	0.0%
6074 · North Portal Log Boom Replcmnt	0.00				143,191.60	135,000.00	8,191.60	106.07%	143,191.60	135,000.00	8,191.60	106.07%
6045 · Critical Access Rd Maint & Rep	0.00				0.00	75,000.00	-75,000.00	0.0%	0.00	75,000.00	-75,000.00	0.0%
6043 · Lauro Res Intake Design& Repair	0.00				0.00	50,000.00	-50,000.00	0.0%	0.00	50,000.00	-50,000.00	0.0%
6096 · Lower Reach BlowOff AVAR Valve	0.00				0.00	90,000.00	-90,000.00	0.0%	0.00	90,000.00	-90,000.00	0.0%
6102 · Lauro Bypass Channel Road Imprv	0.00				30,634.50	1,320,000.00	-1,289,365.50	2.32%	30,634.50	1,320,000.00	-1,289,365.50	2.32%
6107 · North Portal Elevator Mod	0.00				0.00	100,000.00	-100,000.00	0.0%	0.00	100,000.00	-100,000.00	0.0%
6123 · Sheffield Tunnel Insp/Eval SCC	0.00				29,158.47	75,000.00	-45,841.53	38.88%	29,158.47	75,000.00	-45,841.53	38.88%
6128 · Lauro Outlet Wrks Tunnel Safety	0.00				4,393.50	100,000.00	-95,606.50	4.39%	4,393.50	100,000.00	-95,606.50	4.39%
6134 · N.P. IT/Control Bldg Seismic	0.00				0.00	100,000.00	-100,000.00	0.0%	0.00	100,000.00	-100,000.00	0.0%
6137 · Rehab SCC Lateral Structures	0.00				383,211.16	305,000.00	78,211.16	125.64%	383,211.16	305,000.00	78,211.16	125.64%
<b>Total 6000 · INFRASTRUCTURE IMPROVEMENT PROJ</b>	<b>0.00</b>				<b>590,589.23</b>	<b>2,400,000.00</b>	<b>-1,809,410.77</b>	<b>24.61%</b>	<b>590,589.23</b>	<b>2,400,000.00</b>	<b>-1,809,410.77</b>	<b>24.61%</b>
<b>6200 · PROGRAM SUPPORT SERVICES</b>												
6201 · BO/FMP Implementation	19,988.83	42,000.00	-22,011.17	47.59%	0.00				19,988.83	42,000.00	-22,011.17	47.59%
6202 · GIS and Mapping	5,065.00	10,000.00	-4,935.00	50.65%	0.00				5,065.00	10,000.00	-4,935.00	50.65%
6205 · USGS Stream Gauge Program	24,750.00	110,000.00	-85,250.00	22.5%	0.00				24,750.00	110,000.00	-85,250.00	22.5%
<b>Total 6200 · PROGRAM SUPPORT SERVICES</b>	<b>49,803.83</b>	<b>162,000.00</b>	<b>-112,196.17</b>	<b>30.74%</b>	<b>0.00</b>				<b>49,803.83</b>	<b>162,000.00</b>	<b>-112,196.17</b>	<b>30.74%</b>

**Cachuma Operation & Maintenance Board**  
**Statement of Revenues and Expenditures (Unaudited)**  
 Budget vs. Actuals July 2024 - June 2025

	Fisheries				Operations				TOTAL			
	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget	Jul '24 - Jan 25	Budget	\$ Over / (Under) Budget	% of Budget
<b>6300 · HABITAT IMPROVEMENT PROJECTS</b>												
<b>6207 · Oak Tree Restoration Program</b>	38.75	10,000.00	-9,961.25	0.39%	0.00				38.75	10,000.00	-9,961.25	0.39%
<b>6303 · Tributary Projects Support</b>	11,983.50	10,000.00	1,983.50	119.84%	0.00				11,983.50	10,000.00	1,983.50	119.84%
<b>6304 · Tributary Projects Improvements</b>	346,689.00	305,000.00	41,689.00	113.67%	0.00				346,689.00	305,000.00	41,689.00	113.67%
<b>Total 6300 · HABITAT IMPROVEMENT PROJECTS</b>	358,711.25	325,000.00	33,711.25	110.37%	0.00				358,711.25	325,000.00	33,711.25	110.37%
<b>Total Expense</b>	\$ 1,220,568.96	\$ 1,909,008.00	\$ (688,439.04)	63.94%	\$ 2,613,616.24	\$ 5,674,900.00	\$ (3,061,283.76)	46.06%	\$ 3,834,185.20	\$ 7,583,908.00	\$ (3,749,722.80)	50.56%
<b>Net Surplus / Deficit</b>	\$ 311,766.16	\$ -	\$ 311,766.16	100.0%	\$ 1,605,877.21	\$ -	\$ 1,605,877.21	100.0%	\$ 1,917,643.37	\$ -	\$ 1,917,643.37	100.0%

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	February 24, 2025
Submitted by:	Janet Gingras

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**SUBJECT:** Investment Report – January 31, 2025

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### **RECOMMENDATION**

The Board of Directors receive and file the Cachuma Operation & Maintenance Board Investment Report as of January 31, 2025.

### **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 January 2025, is reported at 4.37%.

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

Table 1			
Unrestricted Reserve Funds			
Local Agency Investment Fund (LAIF)			
	12/31/2024	\$	926,161.28
(+) Deposits/Credits			719,436.71
(-) Checks/Withdrawals			-
Statement Balance	1/31/2025	\$	1,645,597.99

#### 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	12/31/2024	\$	69,720.43
(+) Deposits/Credits			-
(-) Checks/Withdrawals			(8,303.29)
Statement Balance	1/31/2025	\$	61,417.14
American Riviera Bank Warren Act Trust Fund			
Previous Balance	12/31/2024	\$	63,563.28
(+) Deposits/Credits			4,644.00
(-) Checks/Withdrawals			-
Statement Balance	1/31/2025	\$	68,207.28

**STATEMENT**

The above statement of investment activity for the month of January 2025, 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.

  
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 Secretary

**Cachuma Operation &  
Maintenance Board  
Paid Claims  
As of January 31, 2025**

Date	Num	Name	Memo	Amount
<b>1050 - General Fund</b>				
01/06/2025	31628	Association of Ca Water Agencies/JPIA	February 2025 Health Benefits Premium	-40,884.78
01/06/2025	31629	AT&T	Long Distance Service December 2024	-41.88
01/06/2025	31630	Capstone Fire & Safety Management	Sheffield Tunnel Inspection - Standby Confined Space Rescue Team (Ops)	-3,816.62
01/06/2025	31631	City of Santa-Barbara	Trash & Recycling December 2024	-390.09
01/06/2025	31632	Cox Communications Santa Barbara	Business Internet January 2025	-215.11
01/06/2025	31633	ECHO Communications	Message Service January 2025	-97.00
01/06/2025	31634	Home Depot Credit Services	Supplies (Ops)	-930.50
01/06/2025	31635	Marborg Industries	Portable Facilities - Outlying Stations	-423.96
01/06/2025	31636	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 12/6/2024 & 12/20/2024	-255.40
01/06/2025	31637	Southern California Edison	Electricity - Main Office & Outlying Stations	-1,628.11
01/06/2025	31638	Specialty Tool, LTD	Supplies (Ops)	-5.48
01/06/2025	31639	Sunbelt Rentals, Inc.	Sheffield Tunnel Inspection - Equipment Rental (Ops)	-684.84
01/06/2025	31640	Tim Robinson	Hilton Creek Gravel Reimbursement (Fisheries)	-659.35
01/06/2025	31641	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-119.15
01/06/2025	31642	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 6054ci	-303.41
01/06/2025	31643	WEX Fleet Universal	Fleet Fuel (Ops & Fisheries)	-1,976.99
01/13/2025	31644	ACWA-Joint Powers Insurance Authority	Workers Compensation Program 10/1/2024 - 12/31/2024	-9,612.09
01/13/2025	31645	Employee Relations, Inc.	Pre-Employment Background Check (Fisheries)	-140.82
01/13/2025	31646	HDR Engineering, Inc.	Cachuma Project Fisheries Assistance SOW 2024-25	-361.50
01/13/2025	31647	Impulse Advanced Communications	Phone Service - Main Office	-746.62
01/13/2025	31648	LoopUp, LLC	Conference Calls December 2024	-26.62
01/13/2025	31649	Pacific Coast Jiffy Lube	2015 Chevy Silverado - Routine Maintenance (Ops)	-167.30
01/13/2025	31650	Turenchalk Network Services, Inc.	Network Support (Ops & Fisheries)	-3,005.80
01/21/2025	31651	American Riviera Bank - Card Service	Submersible Pump, Crane Truck Tool Trays, Website Hosting, Office & Field Supplies (Ops & Fisheries)	-6,043.38
01/21/2025	31652	Aqua-Flo Supply	Supplies (Ops)	-29.41
01/21/2025	31653	Cabela's LLC/Bass Pro LLC	Personal Protective Equipment - Wading Boots & Fishing Waders (Fisheries)	-991.17
01/21/2025	31654	County of Santa--Barbara	Waste Disposal Fee (Ops)	-69.85
01/21/2025	31655	Don's Heating & Air Conditioning, Inc.	COMB Building Maintenance - HVAC Maintenance (Ops)	-450.00
01/21/2025	31656	Federal Express	Shipping (Ops)	-187.36
01/21/2025	31657	PG&E	Electricity - Tecolote Tunnel & North Portal	-619.80
01/21/2025	31658	Rayne of Santa Barbara Inc	January RO Rental	-35.00
01/21/2025	31659	SB Home Improvement Center	Supplies (Ops)	-108.42
01/21/2025	31660	Smartsheet Inc	Smartsheet License Renewal 2025	-1,145.40
01/21/2025	31661	Sparkletts	Operations Safety	-79.90
01/21/2025	31662	Spatial Wave	GIS & Mapping - Field Mapplet Software Maintenance April-June 2025 (Ops)	-925.00
01/21/2025	31663	Specialty Tool, LTD	Supplies (Ops)	-74.60
01/21/2025	31664	The Gas Company	Natural Gas - Main Office	-49.32
01/21/2025	31665	Verizon Wireless	Cellular Service - Wireless Modems, Cell Phones & iPads (Ops)	-694.13
01/21/2025	31666	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 3253ci	-123.98
01/22/2025	31667	Cushman Contracting Corp.	2023 Winter Storm Emergency Repairs - Montecito Blow-Off Damages & Toro Canyon Blow-Off (Ops)	-12,100.00
01/27/2025	31668	Aspect Engineering Group	SCADA Improvements & Support - On-Call Engineering Services (Ops)	-480.00
01/27/2025	31669	Carpinteria Valley Lumber Company	Supplies (Ops)	-42.16
01/27/2025	31670	Cushman Contracting Corp.	EPFP Pumping System - Pay Req 129	-3,500.00
01/27/2025	31671	Famcon Pipe & Supply	Equipment - Restocking Valve & Fusion Bond Epoxy Inventory (Ops)	-6,383.63
01/27/2025	31672	Fence Factory	Installation of Double Gate for Backhoe - COMB Headquarters (Ops)	-7,866.00
01/27/2025	31673	Fence Factory	Removal & Replacement of Damaged Fence - Lauro Reservoir (Ops)	-2,696.00
01/27/2025	31674	Flowers & Associates, Inc.	Sheffield Tunnel Inspection - Professional Engineering Services (Ops)	-4,593.70
01/27/2025	31675	Harrison Hardware	Supplies (Ops)	-96.95
01/27/2025	31676	Marborg Industries	Dumping Fee (Ops)	-20.00
01/27/2025	31677	Musick, Peeler & Garrett LLP	General Counsel December 2024 (Ops & Fisheries)	-2,590.00
01/27/2025	31678	Sansum Clinic-Occupational Medicine	Pre-Employment Physical (Fisheries)	-278.00
01/27/2025	31679	Securitas Technology Corp	Security System Maintenance - Feb-Apr	-175.29
01/27/2025	31680	Staples Business Credit	Office Supplies (Ops & Fisheries)	-297.16
Total 1050 - General Fund				<u>-119,239.03</u>
				<b><u>-119,239.03</u></b>

APPROVALS

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# CACHUMA OPERATION & MAINTENANCE BOARD

## Fisheries Committee Meeting Wednesday, February 12, 2025 11:00 AM

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### AGENDA

Chair: Director Hanson

Member: Director Hayman

1. Call to Order
2. Public Comment (*Public may address the Committee on any subject matter on the agenda and within the Committee's jurisdiction*)
3. Draft 2024 Annual Monitoring Summary (AMS) (*for information and possible recommendation*)
4. Update on Proposed Fish Passage and Habitat Improvement Project (*for information and possible recommendation*)
5. Update on Recent Fisheries Division Activities (*for information and possible recommendation*)
  - Field Observations
  - S.Y. River and Tributary Conditions
  - Coordination with Reclamation
6. Adjournment

#### NOTICE TO THE PUBLIC

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

**Americans with Disabilities Act:** In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Cachuma Operation & Maintenance Board (COMB) at 805 / 687-4011 at least 48 hours prior to the meeting to enable staff to make reasonable arrangements.

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## Administrative Committee Meeting

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**Tuesday, February 18, 2025  
1:00 P.M.**

### AGENDA

*Chair: Director Holcombe  
Member: Director Hanson*

1. Call to Order
2. Public Comment *(Public may address the Committee on any subject matter within the Committee's jurisdiction)*
3. Selection of Auditor for Independent Financial Auditing Service – Fiscal Years 2025 -2027 *(for information and possible recommendation)*
4. Director Compensation *(for information and possible recommendation)*
5. Adjournment

#### NOTICE TO THE PUBLIC

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

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

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



# CACHUMA OPERATION & MAINTENANCE BOARD

## Operations Committee Meeting

*held at*

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

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**Wednesday, February 19, 2025**

**1:00 PM**

### AGENDA

*Chair: Director Sneddon*

*Member: Director Holcombe*

**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
2. Public Comment (*Public may address the Committee on any subject matter on the agenda and within the Committee's jurisdiction*)
3. Infrastructure Improvement Projects (IIP) (*for information and possible recommendation*)
  - a. Consultant Contract (Phase II) - Sheffield Tunnel Assessment and Engineering Support
  - b. Update on FY 2024-25 Projects (*verbal information*)
4. USBR Periodic Review / Risk and Resilience Assessment Update (*verbal information*)
5. Adjournment

#### NOTICE TO THE PUBLIC

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

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

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

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# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	February 24, 2025
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

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**SUBJECT: Auditor for Independent Financial Auditing Services – Fiscal Years 2025 - 2027**

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**RECOMMENDATION:**

The Board of Directors review the proposed cost for independent financial auditing services and authorize the General Manager to execute a three-year Professional Services Agreement (PSA) contract with Bartlett, Pringle & Wolf, LLP (BPW) for fiscal years 2025 through 2027.

**SUMMARY:**

Pursuant to the State Controller's office, the Cachuma Operation & Maintenance Board (COMB) JPA agreement and by various other financial institutions and agencies, COMB is required to conduct an annual independent audit examination and issue audited financial statements. An independent audit assures a high level of integrity and accountability for COMB's financial position and internal controls.

The external auditor presents the COMB Board with audited financial statements in accordance with Government Auditing Standards issued by the Comptroller General of the United States and the State Controller's Minimum Audit Requirements for California Special Districts. The external auditor expresses an opinion about whether the financial statements fairly represent the financial position of COMB.

The external auditor also evaluates the adequacy of COMB's internal control system, electronic data processing and, where weaknesses are noted, makes appropriate recommendations for improvements. The external auditor will further submit a written management letter, which communicates suggested improvements in the District's financial operations, and any deficiencies in internal controls that need to be addressed by COMB.

Starting with fiscal year 2016-17, the annual audit consisted of a more thorough and detailed review of COMB's financial records to produce a Comprehensive Annual Financial Report (Annual Report). Since that time, COMB has received annually a Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association for its Annual Report. To be awarded a Certificate of Achievement, COMB had to publish an easily readable and efficiently organized Annual Report that satisfied generally accepted accounting principles and applicable program requirements.

BPW currently serves as COMB's independent auditor. The current professional services agreement with BPW ended with the fiscal year 2023-24 audit. Staff prepared and issued a Request for Proposal (RFP) for a three-year external independent auditing services agreement. Staff surveyed CPA firms utilized by other water districts and local agencies in the area and sent a RFP to eight CPA firms. COMB received and considered proposals from five CPA firms using the following criteria and weighted score.

**RFP Scoring Matrix - External Auditing Services**

	<b>Criteria</b>	<b>Weight</b>
1	<b><u>Responsiveness of the Proposal</u></b> <i>Has the consultant provided a complete proposal which is responsive to all the elements in the RFP?</i>	15%
2	<b><u>Specialized Experience/Technical Competence</u></b> <i>Does the firm have the specialized experience with Government agencies and the water sector? Does the firm have technical competence to complete a Comprehensive Financial Audit?</i>	20%
3	<b><u>Audit Approach</u></b> <i>Does the proposal set forth a work plan, including an explanation of the audit methodology to be followed, type of and extent of statistical sampling, compliance tests and work to be performed by auditor?</i>	20%
4	<b><u>Cost of Services Estimate</u></b> <i>Is the Cost of Services Estimate reflective of the quality of services provided, and to what extent is it more cost-efficient than competing consultants?</i>	25%
5	<b><u>Records of Performance</u></b> <i>Based upon all available information, including direct communication with the firm's former or current clients, how qualified is the consultant to perform the project tasks described in the Scope of Services?</i>	20%

Based on the selection criteria and scoring results, staff is recommending that COMB continue its professional relationship with BPW. Staff is extremely pleased with BPW's professionalism, their resultant work product and prompt completion of prior audits. BPW's fee to perform the audit and non-attest services for the years ending June 30, 2025, 2026 and 2027 would be \$31,000, \$32,000 and \$33,000, respectively plus expenses.

Government Code section 12410.6.(b) indicates that commencing with the fiscal year 2013-14, a local agency shall not employ a public accounting firm to provide audit services to a local agency if the lead audit partner or coordinating audit partner having primary responsibility for the audit, or the audit partner responsible for reviewing the audit, has performed audit services for that local agency for six consecutive fiscal years. For FY 2024-25, BPW has proposed the following partner and manager rotation, as follows:

- Tracey Solomon, CPA – Partner in Charge of Audit and Accounting
- Laura Copple. CPA – Senior Manager

Further, BPW has committed to the following audit schedule for FY 2024-25.

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

**FISCAL IMPACTS:**

Annual audit expenses are considered and provided for in COMB's adopted operating budget.

**COMMITTEE STATUS:**

The Administrative Committee reviewed the proposed cost for independent financial auditing services and forwards to the Board with a recommendation to approve and authorize the General Manager to execute a three-year contract with Bartlett, Pringle & Wolf, LLP (BPW) for fiscal years 2025 through 2027.

**LIST OF EXIBITS:**

N/A

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# CACHUMA OPERATION & MAINTENANCE BOARD

## MEMORANDUM

Date:	February 24, 2025
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

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**SUBJECT:** Director Compensation Required Public Notifications

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**RECOMMENDATION:**

Receive information related to Director compensation required public notifications and provide direction to staff as appropriate.

**SUMMARY:**

The Cachuma Operation and Maintenance Board (COMB) Directors are compensated for the service they provide in official capacities. Specifically, Ordinance No. 5 adopted in 2024 provides for Directors' fees and mileage allowance for attendance at COMB Board meetings and COMB Committee meetings. The current allowance for Directors' compensation is set at \$205 per meeting for each Director or their alternate. The current mileage allowance for a Director or their alternate is set at the adjusted Internal Revenue Service allowable travel expense reimbursement mileage rate as it may be set from time-to-time.

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

- **Option 1: No change to existing compensation.** Directors' compensation would remain at \$205 per meeting.
- **Option 2: Incremental increase up to 5%.** The maximum compensation increase allowed is 5% for each year since the prior effective Ordinance was adopted. The prior effective Ordinance was adopted in February 2024 with applicable Director compensation effective in April 2024. Compensation per meeting would be determined based on the percentage increase selected up to a maximum of \$215.00 per day for each meeting or event attended.

No action is necessary to implement option 1. To pursue option 2, the Board of Directors should consider the report at its February 24, 2025 meeting and direct that notice of consideration of an ordinance to increase compensation be published in a newspaper for two successive weeks prior to its adoption, per the California Water Code. State law also requires a 14-day notice period from the date the public hearing is first noticed in the newspaper. Accordingly, the Board of Directors could adopt an ordinance to increase Director compensation at its March 24, 2025 meeting.

In addition, there is a 60-day waiting period after the ordinance is adopted by the Board for it to become effective. If directed, staff will post the notice according to legal requirements. Consequently, if the ordinance is adopted at the March 24, 2025 Board meeting, the increase to Director compensation would become effective May 24, 2025.

**FISCAL IMPACTS:**

COMB's budget provides \$20,000 for annual expenses related to Director compensation. The proposed change to Director Compensation will not affect the budgeted line item.

**LEGAL CONCURRENCE:**

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

**COMMITTEE STATUS:**

The Administrative Committee reviewed the information on Director Compensation and forwards to the Board with a recommendation to direct staff to post the required public notifications related to the Director Compensation discussion to be held at the March 24, 2025 regular Board meeting.

**LIST OF EXHIBITS:**

- 1) Draft Ordinance No. 6



**ORDINANCE NO. 6**

**ORDINANCE OF THE GOVERNING BOARD OF THE  
CACHUMA OPERATION AND MAINTENANCE BOARD  
AMENDING ORDINANCE NO. 5  
SETTING THE COMPENSATION FOR DIRECTORS OF THE BOARD  
PURSUANT TO SECTIONS 20200 THROUGH 20207 OF THE WATER CODE**

**RECITALS**

- A. Sections 20200 through 20207 of the Water Code of the State of California provides for a method by which members (Directors) of the Governing Board (or “Board of Directors”) may be compensated for their work and services in carrying out their duties as Directors and in carrying out the business of the Cachuma Operation and Maintenance Board (“COMB”).
- B. The Governing Board, by adoption of Ordinance No. 5 on February 26, 2024, elected to set the compensation of its Directors pursuant to Water Code Sections 20200 through 20207 (the “Ordinance”).
- C. The Governing Board has, by adoption of this Ordinance, elected to amend Ordinance No. 5.
- D. Notice of a Public Hearing as a part of the Governing Board's regular meeting held on March 24, 2025 was published pursuant to Section 6066 of the Government Code and Section 20207 of the Water Code (the “Notice”).
- E. Proof of Publication of said Notice in the Santa Barbara Independent on February 27, 2025 and March 6, 2025 has been filed with the records of the regular meeting held on March 24, 2025.
- F. The public hearing on the adoption of the Ordinance was held on March 24, 2025 prior to the adoption of the Ordinance, as required by Section 20203 of the Water Code.

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

- 1. As provided in Water Code Section 20201, the compensation of each member of the Governing Board (or their alternate) shall be the sum of \$215 for each day of attendance at a regular or special meeting of the Board of Directors, or for each day's service rendered as a member of the Board by request of the Board.

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

- 2. As provided in Water Code Section 30507, each Director shall be reimbursed for any expenses incurred in the performance of any duty required or authorized by the Governing Board, in addition to the compensation provided for in Section 1 above.

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

**PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board on this 24th day of March, 2025 by the following vote:**

**AYES:**

**NAYS:**

**ABSTAIN:**

**ABSENT:**

APPROVED

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

ATTEST:

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	February 24, 2025
Submitted by:	Joel Degner
Approved by:	Janet Gingras

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**SUBJECT:**     **Sheffield Tunnel Pipeline Assessment and Engineering Support**

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**RECOMMENDATION:**

The Board of Directors review the proposed cost for the Sheffield Tunnel Pipeline Assessment and Engineering support and authorize the General Manager to execute a Professional Services Agreement addendum (Phase II) with Flowers and Associates in an amount not-to-exceed \$77,700 for a total contract amount of \$120,000.

**SUMMARY:**

The Sheffield Tunnel is a 6,100 foot-long concrete tunnel housing the South Coast Conduit. The tunnel was constructed in the 1950s between the Sheffield Control Station near the Santa Barbara Tennis Club to Parma Park to eliminate the need for a pump station to deliver the water to Montecito Water District (MWD) and Carpinteria Valley Water District (CVWD). Reclamation constructed a 6-foot diameter tunnel which contains a 30" Centrifugal Concrete Pipe (CCP). The concrete pipe is constructed in 12-ft segments joined by steel bands with double gaskets coated in mortar to prevent corrosion. The tunnel can be accessed through either the west or east portals through manholes requiring all entrants to be trained and follow confined space protocols. Water intrusion into the Sheffield Tunnel exits at the west portal and is routed into a creek drop inlet culvert outside of the tunnel. The current seepage rate of groundwater into the tunnel is approximately 10 GPM. Inspection and work in the tunnel is difficult due to the limited space inside of the tunnel.

Previous Reclamation inspection reports on the Sheffield Tunnel recommended evaluating and repairing the deteriorating mortar joints to reestablish the structural integrity and proper functioning of the pipeline. Heavy seepage into the Sheffield Tunnel appears to be a contributing factor leading to deterioration (see Figures 1 – 4). The 6,100-ft tunnel does not have redundancy and any damage to the SCC in this area would cause potential water supply disruptions to MWD and CVWD, significant access challenges for repair work, and environmental damage in the uncontrolled release of a large volume of chlorinated water from the pipeline into Mission Creek.

On August 30, 2024, COMB sent out a Request for Proposals (RFP) for Sheffield Tunnel Assessment and Engineering Support (Project) to six qualified and experienced engineering firms. The request for proposal was separated into two phases. Phase 1 included participating in the inspection and providing an external condition assessment of the mortar joints, external joint repair details, internal joint repair details, and recommendations on how to perform an internal inspection if needed. Phase 2 of the Project included conceptual (30%) design and an estimate of probable cost for a bypass pipeline through Sheffield (precautionary / emergency situation), and further refinement of a permanent solution including conceptual (30%) design and an estimate of probable cost for the replacement or rehabilitation of the 30" Sheffield Tunnel pipeline for infrastructure improvement planning budgetary purposes.

COMB received two proposals. Flowers & Associates was selected based on a proposal evaluation process utilizing cost, technical approach, and technical expertise. On October 11, 2024, Flowers & Associates, Inc.

was provided a Notice of Award for Phase 1 of the Project as Reclamation originally planned to perform the inspection in mid-November 2024. Phase 1 of the project cost (\$42,300) and was within the General Manager's authorization authority. An attempt was made to carry out the inspection on December 11, 2024, however, due to a communications failure only a portion of the tunnel was successfully inspected. A revised communication system was tested on February 6<sup>th</sup>, 2025 but was not successful in establishing communication between the two portals. Reclamation currently plans to provide a microwave communication system which worked successfully in the Tecolote Tunnel twice (6.4 miles long). It will take several months for Reclamation to procure and modify the communications system for the limited space within the Sheffield Tunnel.

The remaining work within Phase 1 includes full inspection and external condition assessment of the pipeline within Sheffield Tunnel. Flowers & Associates, Inc. will document the outside condition of the mortar joints along the entire 6,100-ft tunnel to the maximum extent practical with detailed notes, photos, and/or video footage. In addition, a recommendation for an internal pipeline inspection would be provided to assess the internal joint condition if warranted. Following the inspections, repair details and specifications will be provided for both external and internal joint repairs. The damaged mortar may be repaired without requiring a facility shutdown, but severely deteriorated joints may require a shutdown, manned entry, and internal joint seal.

In the event of an unplanned outage of the pipeline, an emergency bypass would likely need to be installed to provide health and safety water supplies to the communities of Montecito and Carpinteria until a more permanent water repair could be conducted. Conceptual designs of a bypass pipeline would allow COMB to be more prepared to respond in an unplanned pipeline outage.

**FISCAL IMPACTS:**

The cost of the Sheffield Tunnel Pipeline Assessment and Engineering Support (Phase 1) was \$42,300. Phase 2 will cost \$77,700, for a grand total of \$120,000. The FY 2024-25 operating budget has \$75,000 set aside for this line item. The remaining \$45,000 will be budgeted and expended in FY 2025-26.

**ENVIRONMENTAL COMPLIANCE:**

There are no environmental compliance measures required for pipeline assessment and engineering support.

**COMMITTEE STATUS:**

The Operations Committee reviewed the proposed cost for the Sheffield Tunnel Pipeline Assessment and Engineering support and forwards to the Board with a recommendation to approve and authorize the General Manager to execute a Professional Services Agreement addendum (Phase II) with Flowers and Associates in an amount not-to-exceed \$77,700 for a total contract amount of \$120,000.

**LIST OF EXHIBITS:**

- 1) Photos



**Figure 1.** Centrifugal Concrete Pipe Joint Within Sheffield Tunnel Showing Minor Cracking



**Figure 2.** Centrifugal Concrete Pipe Joint Within Sheffield Tunnel Showing Major Cracking



**Figure 3.** Sheffield Tunnel Seepage



**Figure 4.** Historical Photo of Sheffield Tunnel Pipeline installation

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	February 24, 2025
Submitted by:	Tim Robinson
Approved by:	Janet Gingras

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**SUBJECT:** Update on Proposed Hilton Creek Fish Passage and Habitat Improvement Project

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**RECOMMENDATION:**

The Board of Directors review updated/revised information on the proposed fish passage and habitat improvement project on Hilton Creek and provide direction to staff, as appropriate, including:

- 1) Consideration/approval of the condition associated with Reclamations' written non-objection to the proposed Hilton Creek improvement project.
- 2) Authorize the General Manager to execute a sole-source Professional Services Agreement (PSA) with HDR, Inc. for 60% initial designs in an amount not-to-exceed \$90,000.
- 3) Authorize a budget adjustment in the amount of \$60,000 to be transferred from the Operations Division to the Fisheries Division to support the 60% designs and survey costs of the project.
- 4) Authorize staff to submit a grant application for the construction of the proposed Hilton Creek Fish Passage and Habitat Improvement Project.

**SUMMARY:**

At the December 16, 2024 COMB Board meeting, the Board authorized the General Manager to execute a Professional Services Agreement with HDR, Inc. for 60% initial designs (in an amount not-to-exceed \$50,000) for a 3-phase (3 year) habitat improvement project on Hilton Creek, contingent upon Reclamation's written approval. The Board also authorized and directed staff to submit a grant application to the California Fish and Wildlife (CDFW) Fisheries Restoration Grant Program (FRGP) once written approval from Reclamation was received and 60% designs were completed. New information has developed which requires a re-visit of this proposed project.

First, Reclamation has provided a written "non-objection" to the COMB project that carries a condition in which COMB must incorporate the continued maintenance of COMB's project if installed in Hilton Creek. The condition attached to the non-objection from Reclamation changed the outcome of the original request for approval and warrants a discussion by the Board of Directors.

Second, in light of a preliminary survey of the creek and further internal review and discussion by the engineering consultant, the originally projected 60% design costs for the proposed project (\$50k) have been presented to staff in a revised HDR, Inc. proposal at \$90,000. The intricacies affiliated with extended hydrologic modeling efforts, jump height requirements and existing habitat constraints contributed to the increased design costs.

The benefits of the 3-phase (3 year) project include improvement to access, amount, and quality of habitats in the creek for *O. mykiss* spawning and rearing. Constructing improvements for fish passage and habitat enhancements would greatly improve access to the entire watered section of Hilton Creek downstream of the Upper Release Point (URP) that contains suitable spawning and rearing habitats. The project would be evaluated and designed by a fish passage engineer who would provide a list of improvements with designs to follow. Improvements would vary by site characteristics and would be done in phases, prioritized from downstream to upstream over a sequence of years to minimize overall impact to the fishery during

construction. The effort could improve the carrying capacity of the watered section of the creek resulting in an increase in the *O. mykiss* population from enhanced spawning and rearing potential. COMB has utilized cutting edge fish passage engineers from HDR to design and conduct engineering oversight for most of our past fish passage projects, and they are well positioned to provide the engineering analyses, estimated construction costs, and designs for the project.

### **BACKGROUND:**

Hilton Creek receives continuous discharge from Lake Cachuma from the Hilton Creek Watering System (HCWS) to the URP and Lower Release Point (LRP). This wetted section of the creek from the URP to its confluence with the LSYR has a relatively steep gradient with multiple bedrock sections. The stream velocity, lack of resting habitats, and shallow stream depth over bedrock shelves can pose potential fish passage barriers particularly after high streamflow years when many instream elements were washed out, specifically in WY2023 and WY2024. Constructing improvements for fish passage and habitat enhancements would greatly improve access to the entire watered section of Hilton Creek downstream of the URP that contains suitable spawning and rearing habitats to maximize the biological benefit for the endangered Southern California steelhead with the continuous lake water delivered to the creek.

COMB has utilized fish passage engineers from HDR to design and conduct engineering oversight for most of our past fish passage projects. They are well positioned and have the expertise to provide engineering analyses and designs for the project. HDR has identified a list of focused projects in Hilton Creek that have been broken out into 3 phases to minimize overall impact to the fishery during construction over a 3-year period that are organized by priority and would vary by site characteristics.

- **Phase 1:** Canyon and trail bedrock section.
- **Phase 2:** Lower cascade chute section.
- **Phase 3:** Habitat enhancements in Reaches 1 and 5.

The detailed topographic surveying needed for design work would be conducted by Prober Land Surveying who has visited and preliminarily surveyed the site, utilizes cutting edge technologies, and can do the required extended survey work for up to \$20k. Funding for this effort (surveying and designs) will need to come from dedicated funds from the Renewal Fund – Trust Fund (\$50,000) and out of an Operations Division (delayed project) budget line item (\$60,000), for a total not-to-exceed \$110,000 for the needed surveying and 60% designs.

There are two grant funding opportunities that are being considered, each with the stated specific objective of fish passage and habitat improvements:

- CDFW's FRGP grants, due on 4/15/25. There is no specific cost-match but the higher the percentage of match, the more competitive the application will be.
- National Wildlife Federation (NWF) WaterSMART Aquatic Ecosystem Restoration Projects grants, due on 4/19/25. There is a minimum of 35% cost-match to apply.

To submit a credible grant funding application, COMB would need to provide at least 60% designs for the project at the time of application. CDFW-FRGP grant applications have an optional preliminary Conceptual Proposal form due in March 2025 that would enable determining the design criteria that will be required by the regulatory agencies and the base for completing the 60% designs. This could be a valuable tool in the design process.

If COMB is successful in being awarded a grant, staff will submit the terms of the grant contract, the total project costs, and the result of the Construction Bids to the Fisheries Committee and subsequently to the Board for consideration and approval.



### **FISCAL IMPACTS:**

The cost of the 3-phase (3 year) project is anticipated to be approximately \$1.4m in total with a potential grant funding offset of \$1.3m. It would be premature at this time to estimate the long-term costs associated with continued maintenance of the project as there are many unknowns. It is projected that most of the long-term maintenance would be hand clearing of debris.

The revised 60% design costs (\$90,000) would be funded partially through dedicated funds from the Renewal Fund - Trust Fund (RF-TF) collection of funds (\$50k) and through a budget adjustment (\$60k) from the current budget of the Operations Division. The "Funds" Committee (Reclamation and the County) would have to approve the use of funds (\$50k) utilized out of the RF-TF.

The incremental cost to go from 60% to 100% project design is estimated to be approximately \$40,000 and would be considered in next fiscal year's budget (FY2025-26). The complete (100%) design and survey costs (\$150,000) along with staff time and environmental permit costs would be considered the grant funding match.

### **ENVIRONMENTAL COMPLIANCE:**

All environmental permits for the fish passage and habitat improvement project will be obtained prior to any construction. Any required environmental surveys will be conducted just prior to construction.

### **COMMITTEE STATUS:**

The Fisheries Committee reviewed updated/revised information on the proposed fish passage and habitat improvement project on Hilton Creek and forwards to the Board with a recommendation to review and provide direction to staff, as appropriate, including:

- 1) Consideration/approval of the conditions associated with Reclamations written non-objection to the proposed Hilton Creek improvement project.
- 2) Authorize the General Manager to execute a sole-source Professional Services Agreement (PSA) with HDR, Inc. for 60% initial designs in an amount not-to-exceed \$90,000.
- 3) Authorize a budget adjustment in the amount of \$60,000 to be transferred from the Operations Division to the Fisheries Division to support the 60% designs and survey costs of the project.
- 4) Authorize staff to submit a grant application for the construction of the proposed Hilton Creek Fish Passage and Habitat Improvement Project.

### **LIST OF EXHIBITS:**

- 1) NCB Justification – HDR, Inc.

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**Sole Source Contract Justification  
Fisheries Division Consultant Work**

**February 24, 2025**

**To:** Cachuma Operation and Maintenance Board

**From:** Timothy H. Robinson (Fisheries Division Manager, COMB)

**Contract:** HDR Fisheries Design Center – Contract for Design Support – Proposed Hilton Creek Project

**A. Factors of Consideration**

HDR Fisheries Design Center (HDR, initially Fish Pro) is one of the top fish passage engineering consulting firms in the country with extensive experience particularly on the west coast where they specialize in salmonid species and in our case the endangered Southern California steelhead (*Oncorhynchus, mykiss*). They have provided to the Fisheries Program exemplary fish passage design, data review, and planning assistance since prior to the issuance of the Cachuma Project Biological Opinion in September of 2000.

In 2008, HDR worked with fisheries staff to author the Quiota Creek Watershed Fish Passage Enhancement Plan which was the initial fish passage assessment and design work for all projects along Quiota Creek. Since then, they have amassed extensive local experience in analyzing the watershed hydrology and specific fish passage issues at all known fish passage impediments along the creek at Crossings 0A, 0B, 1, 2, 3, 4, 5, 6, 7, 8 and 9. HDR has successfully completed designs and overseen construction of the following projects at Crossings 0A, 1, 2, 3, 4, 5, 6, 7, 8, and 9. Their cumulative knowledge in design and regulatory compliance for the National Marine Fisheries Service (NMFS), California Department of Fish and Wildlife (CDFW), U. S. Fish and Wildlife Service (USFWS), Santa Barbara County Public Works (County) as well as concerns and requirements of individual landowners has been extremely valuable in facilitating projects both in implementation and cost savings. Learned project elements are applied to the next fish passage enhancement project resulting in a streamlined and efficient design and implementation process for each project.

HDR's lead fish passage engineer, Mike Garelo, is particularly well positioned since he is the current Bioengineering Section President for the American Fisheries Society (AFS) where he interacts with fish passage engineers from across the country and more importantly engineers from regulatory agencies specifically NMFS and CDFW. This provides insights and relationships to those who approve the designs of our projects which enhances and further legitimizes our project designs which reduces the amount of questions and review period by those approving regulatory agencies. Mr. Garelo

regulatory gives talks at professional fisheries conferences and is well known and respected in the industry. Resumes from Mr. Garelo and his second in command, Shaun Bevan, are available upon request.

In addition, HDR successfully designed and assisted in the implementation of the recent Quiota Creek and El Jaro Creek habitat enhancement projects. HDR conducts all performance evaluations for each of their completed fish passage projects which totals 11 projects.

## **B. Price Analysis**

HDR has provided years of valuable consulting services in engineering design, planning and navigating regulatory and County requirements. Their cumulative knowledge provides efficient consulting at a price point that would be difficult to match given their local experience and quantity of conducted fish passage analyses and engineering design work. Their long-term, in-depth and extensive professional experience within the Lower Santa Ynez River drainage continues to be top notch at a cost reflective of the longevity of the relationship.

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	February 24, 2025
Submitted by:	Tim Robinson
Approved by:	Janet Gingras

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**SUBJECT:** Presentation on the Water Year 2024 Annual Monitoring Summary

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**RECOMMENDATION:**

The Board of Directors receive a presentation on the Water Year (WY) 2024 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. 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 2024 annual report.

**COMMITTEE STATUS:**

The Fisheries Committee reviewed the draft WY 2024 AMS and provided comments to staff which 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.”*

February 24, 2025

## **General Manager Report**

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

### Administration

- **USBR Water Year 2025 2<sup>nd</sup> Period Water Rates Invoice**

Staff will be submitting the 2<sup>nd</sup> period water rates invoices to the Cachuma Project Member Units for payment to Reclamation which is due early April. The Water Year (WY) 2025 rates are calculated using the Member Units projected deliveries for the water year in addition to projected Cachuma Project O&M reimbursable costs for the same period. For WY 2025 water rates, a small deficit (\$26k) was recognized on the 2023 Cachuma Project financial statement for operations. The deficit is applied to the current water year rates, thus slightly increasing the total payments required for the two payment periods.

- **Cachuma Project Estimated Costs – Fiscal Year 2025-26 Budget Planning**

Annually during the budget planning process, COMB administrative staff provides the Member Agencies a draft preliminary Cachuma Project Estimated Costs worksheet for planning purposes. The schedule includes not only the COMB estimated net operating budget but also USBR projected water rates, the renewal fund obligation, the Bradbury and Lauro SOD act payments, the SWRCB water rights fee, and the COMB D3 permit fee. These estimates are intended to assist the Member Agencies in formulating their operating budgets for the upcoming fiscal year.

### U.S Bureau of Reclamation

- **Coordination Meetings**

Staff continues to participate in coordination meetings conducted by Reclamation on various topics. The purpose of the discussion is to collaborate with Reclamation to ensure operational compliance targets are met in conjunction with the additional objective of protecting the fishery downstream of Bradbury Dam. Staff has been requested by Reclamation to participate and provide technical assistance (only) related to the fishery, habitat conditions and COMB operational procedures for the federal consultation process between Reclamation and NMFS. Staff provides technical and field observation information to Reclamation as requested. Reclamation continues to coordinate with COMB staff to achieve both objectives.

Respectfully submitted,

*Janet Gingras*

General Manager

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# CACHUMA OPERATION AND MAINTENANCE BOARD

## MEMORANDUM

**DATE:** February 24, 2025

**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.

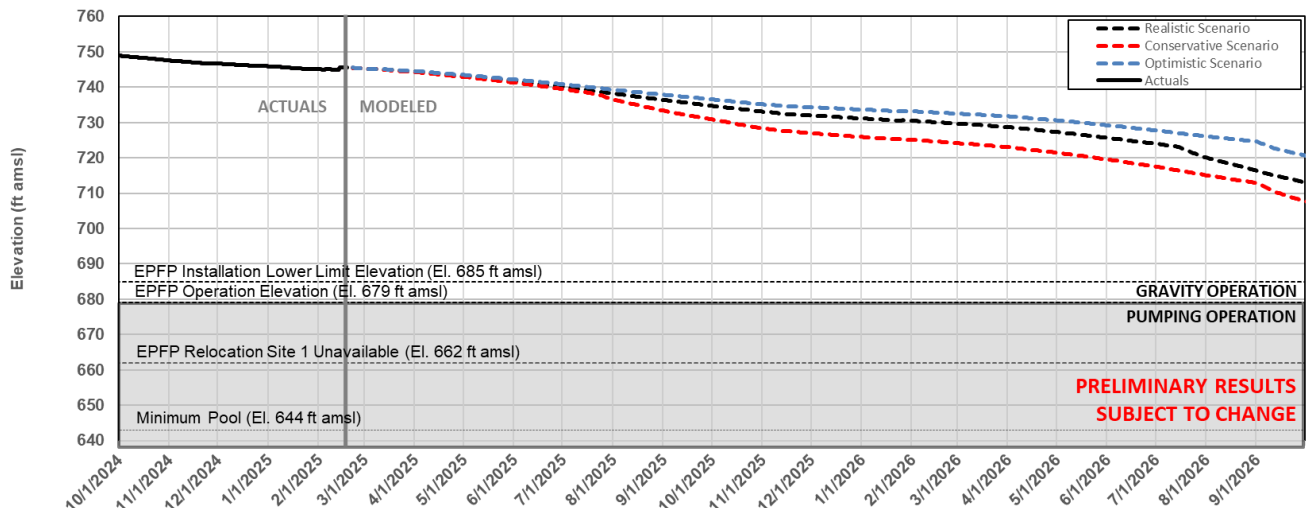
### CLIMATE CONDITIONS

Rainfall totals are 46% of normal to date for the County of Santa Barbara after two large storms occurred in February. Antecedent moisture conditions are moderate (antecedent moisture index of 8.9) at Gibraltar Dam. The cumulative computed inflow to date (2-18-25) is 2,513 AF. California Drought monitor classified the Southern Santa Barbara County area as being in an extreme drought (D3) in early February 2025. However, this does not factor in the storm that occurred on February 13<sup>th</sup> which has greatly reduced the wildfire risk in the county. According to the National Weather Service Climate Prediction Center - La Niña conditions are present and are expected to persist in the near-term with a transition to ENSO-neutral likely during March-May 2025 (66% chance).

### LAKE ELEVATION

The lake elevation projection is provided in Figure 1 assuming dry hydrologic conditions for the remainder of Water Year 2025. The water elevation is projected to remain above 730' through the fall of 2025 if a dry winter occurs this year.

Parameter	Optimistic	Realistic	Conservative
SCC Exports	80% Forecast	Forecast	120% of Forecast
CCWA Inflow	120% Forecast	Forecast	80% of Forecast
WR 89-18 Release (2025)	0 AF	0 AF	11,500 AF
WR 89-18 Release (2026)	17,000 AF	17,000 AF	17,000 AF
Fish Releases	120% of Rec Tables	100% of Rec Tables	140% of Rec Tables



**Figure 1.** Lake Cachuma Elevation assuming dry conditions in Water Year 2025 (as of 2/18/2025)

## WINTER STORM 2023 AND 2024 DAMAGE REPAIRS AND REIMBURSEMENT

All repair work and mitigation work for damages has been completed for 2023 event (DR-4683). All projects from DR-4683 have been obligated and funded except for the management costs. COMB has prepared and submitted the final project completion and certification (P.4) for CalOES. The final summary table for the 2023 event (DR-4683) is provided below.

**Table 1. 2023 Winter Storm Damage Final Summary Table**

Site	Cat	Location	Work Type	Estimated Cost	% Complete	Estimated Reimbursible	Received as 2/18/25	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	Funding received
		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	Funding received
		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	\$202,936	Funding received
Blowoff Repairs	G	Montecito Blowoff Repair	Force Account	\$ 4,290	100%	\$4,022	\$69,978	Funding received
		Toro Canyon Blowoff Repair	Contract	\$ 71,342	100%	\$66,883		
Administration	Z	COMB Administrative Costs	Force Account	\$ 20,363	100%	\$19,090	\$0	Obligated
<b>Total</b>				<b>\$ 733,076</b>	<b>100%</b>	<b>\$ 621,308</b>	<b>\$601,292</b>	

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 and removed sediment from Lauro Debris Basin with a contractor in October 10, 2024. The two remaining slide repairs require Reclamation environmental review. COMB has provided project descriptions to Reclamation to conduct the environmental reviews, however, Reclamation staff is currently limited to perform the reviews which may result in project delays. COMB installed temporary protection measures on the slides in October 2024 to protect the slopes through the rainy season.

**Table 2. 2024 Winter Storm Damage Summary Table**

Site	Cat	Location	Work Type	Estimated Cost	% Complete	Estimated Reimbursible	Received as 2/18/25	FEMA Status
<i>Fiscal Year 2023-24</i>								
COMB Access Road Debris Removal	A	South Portal/Glen Anne Turnout/Sheffield/Lauro	Force Account	\$ 32,636	100%	\$32,636	\$0	Pending EHP Review
Boy Scout Debris Basin Erosion Repairs	D	Lauro Reservoir	Force Account	\$ 7,823	100%	\$7,334	\$0	Obligated
<i>Fiscal Year 2024-25</i>								
Lauro Debris Basin Sediment Removal	D	Lauro Reservoir	Contract	\$ 188,885	100%	\$167,705	\$0	Pending QA Review
Lauro Reservoir Inflow Structure Slide Repairs	D	Lauro Reservoir	Contract&Force Account	\$ 283,000	0%	\$265,313	\$0	Pending Peer Review
Glen Anne Turnout Road Slump	C	Glen Anne Turnout	Contract	\$ 317,000	0%	\$297,188	\$0	Pending CRC Project Development
<b>Total</b>				<b>\$ 829,344</b>	<b>75%</b>	<b>\$ 770,175</b>	<b>\$0</b>	

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. FEMA has reviewed the subapplication and COMB staff responded to a request for information from FEMA on the subapplication. COMB provided Reclamation with a project description to perform the NEPA analysis on the project and engineers are in the process of completing the final design.

## RISK AND RESILIENCE ASSESSMENT

COMB staff have been preparing an update to the Risk and Resilience Assessment for 2025. Certification of the Risk and Resilience Assessment is required by the 2018 American Water and Infrastructure Act by March 31, 2025. The updated assessment will include revised cost estimates, revised risk factors based on the 2021 Comprehensive Reviews completed by Reclamation, and additional information related to risks for pandemics and wildfire.

## INFRASTRUCTURE IMPROVEMENT PROJECTS

Table 3 provides the status of Fiscal Year 2024-25 infrastructure improvement and special projects. COMB staff are currently updating the Infrastructure Improvement.

**Table 3. Fiscal Year 2024-25 Infrastructure Improvement Projects**

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
<b>Infrastructure Improvement Projects</b>			
Lauro Outlet Works Tunnel Safety Improvements	Reclamation did not any identify concerns with the draft plans. Plans are being finalized to request bids for construction.	Safety improvements	June 2025
North Portal Elevator Modification	North Portal Elevator car and counterweight guides require replacement and the car and counterweight rails require cleaning. RFP to evaluate the elevator and propose modifications.	High lake levels cause increased seepage in the elevator shaft which can affect electrical sensors and increase corrosion making the elevator less reliable.	Elevator rail/guide repairs scheduled for March 2025
SCC Structure Rehabilitation : Lower Reach Laterals	Project construction was completed in early November 2024. Overall 25 laterals were rehabilitated and 18 subgrade AVAR valves raised above grade.	In order to facilitate shutdowns on the Lower Reach of the SCC, lateral valves need replacement. COMB collaborated with CWWD on this project.	Completed.
SCC Structure Rehabilitation	Several remaining blowoffs need preventative rehabilitation to prevent unplanned outages. All AVARs on the SCC have been raised above grade.	Shutdowns of the SCC are normally planned in low demand months outside of fire season. Given the lack of rainfall shutdowns were not planned for FY 2024-25.	Postponed.
Lauro Reservoir Bypass Channel Road Repair	The bypass channel/road has been re-surveyed and the repair is under final design and Reclamation environmental review. COMB is awaiting on FEMA for the potential 404 funding award for the work.	COMB has requested 404 HGMP mitigation funding for the improvement to the bypass channel. The existing bypass needs to function during the winter period and construction is limited to the summer months.	Project would likely be initiated in May or June 2025. The size and scope of the repair will depend on grant awards.
Sheffield Tunnel Evaluation and Repair	The tunnel inspection was attempted in December 2024 but not completed due to communication issues. Reclamation is preparing a microwave communication system for an inspection in March/April	COMB needs to coordinate with the City of Santa Barbara Parks to install a temporary ventilation system in Parma Park for the tunnel inspection.	Project depends in part on completion of the tunnel inspection which is delayed until spring 2025.
Critical Access Road Maintenance and Repair	COMB plans to crack fill and seal coat and perform minor asphalt repairs at Lauro Reservoir downstream access road, Carpinteria Reservoir, Ortega Reservoir access road, and potential Glen Anne Turnout access road.	Pavement repairs are general scheduled in the spring or early summer to prevent conflicts with upcoming winter storms.	COMB plans to request bids for paving work in Feb/March 2025 with work expected in the April to June period.
Lauro Reservoir Intake Assessment/Repair	COMB has prepared a draft RFP for engineering services to issue.	Engineering analysis will likely need to perform a dive or remote underwater vehicle inspection of the tower which general needs to occur in the winter period.	COMB plans to issue the RFP in February 2025 with the goal of completing the engineering in FY 2025 and construction in FY2026.
North Portal Intake Tower Seismic Assessment	COMB submitted the project for a grant from the National Earthquake Hazards Reduction Program. COMB has prepared a draft RFP for engineering services to issue in the event of a grant award.	The intake tower at Lake Cachuma is likely the most vulnerable structure in seismic event in the system. This study would determine how vulnerable it is and how to mitigate the risks.	COMB plans to issue the RFP once the grant award results have been released.
North Portal Log Boom Replacement	New logboom was installed around the intake tower in November 2024.	Existing log boom broke ~10 times in FY 2023-2024 and it helps protect the tower from floating debris as well as boaters. New log boom design is much stronger and should reduce/eliminate the need to fix the broken logboom.	Completed.
Multi Site Renewable Energy and Resiliency	COMB was awarded a grant from SBAPCD for the installation of car charger, solar system, and batteries. COMB staff entered in the grant agreement with SBAPCD. Environmental review needs to be completed before project construction can begin.	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.	COMB staff plans to contract with a solar firm to design the solar and construct the battery, solar, and charger system in FY 2025. Construction will likely continue into FY 2026.
<b>Special Projects</b>			
2024 Winter Storm Repairs	Completed three of the five damage locations utilizing force account labor and equipment (COMB staff&equipment) and contract labor. Two remaining damages are slide repairs which require Reclamation environmental review.	The two slides will likely require Reclamation environmental review due to ground disturbing activities and it is unlikely the review and engineering can be completed before this upcoming winter and temporary measures will likely be needed to stabilize the slides.	Three of the five damage locations will be repaired before this upcoming winter but two locations will likely require temporary protective measures before more permanent repairs can be completed.
COMB Bldg./Ground Repair	COMB plans to install additional electrical vehicle chargers in FY 2025 to assist with the fleet electrification.	The additional car chargers were included in the grant application to SBAPCD as part of the renewal energy project.	The electrical car chargers need to be integrated into the solar/battery design before they can be installed.
Water Quality and Sediment Management	COMB staff is preparing a CE-QUAL model for Lake Cachuma. Replacement sensors and parts have been installed in the WQ buoy at the lake.	Water quality has improved substantially as a result of the 2023 and 2024 winters with much lower TOC and reduced algal blooms. Future fires will jeopardize the existing water quality in the lake.	No major projects are planned but model development will continue along with existing data collection activities.

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## CACHUMA OPERATION AND MAINTENANCE BOARD

**DATE:** February 24, 2025  
**TO:** Janet Gingras, General Manager  
**FROM:** Shane King, Operations Supervisor  
**RE:** **MONTHLY REPORT OF OPERATIONS – January 2025**

The total flow from Lake Cachuma into the Tecolote Tunnel for January was 1,669.07 acre-feet, for an average daily flow of 53.84 acre-feet. Lake elevation was 745.91 feet at the beginning of January and 745.06 feet at the end of January. Lake storage decreased by 2,496.07 acre-feet. There was 41.34 acre-feet of inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 297.79 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 408.43 acre-feet of water to Hilton Creek for the month of January.

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 January 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 82 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:**

- COMB staff conducted COMB's annual valve exercising maintenance at Ortega reservoir control station. This maintenance is done once a year in compliance with COMB's Standing Operating Procedures (SOP). This includes fully operating all valves full travel close and open. Ortega control station has 10 valves in total that staff exercise. Each valve takes ~15 minutes to fully operate.
- Staff conducted COMB's annual valve exercising maintenance at Carpinteria reservoir control station. This maintenance is done once a year in compliance with COMB's Standing Operating Procedures (SOP). This includes fully operating all valves full travel close and open. Carpinteria reservoir control station has 13 valves in total that staff exercise. Each valve takes ~15 minutes to fully operate.
- Operations staff visits all valve pits and above ground piping on an annual basis and applies corrosion control methods to exposed valves and piping where necessary. This work includes preparation of areas experiencing corrosion and applying a new coating of corrosion resistant material as needed. This month staff has visited Sheffield control station, and Glen Anne control station.
- Quarterly meter calibrations were conducted this month with assistance from Emerson process management. These meters include the North Portal venturi meter, Lauro reservoir inflow meter, Sheffield south flow meter, and Ortega reservoir effluent meter.
- COMB hired GDM Services to conduct an inspection and troubleshoot issues with the North Portal overhead crane used during maintenance on the Intake tower. It was found that the hoist motor needs to be replaced. COMB is waiting on parts and pricing to proceed with this repair.
- Staff removed woody vegetation from the left abutment on the downstream side of Lauro dam. This work was recommended to be completed by the Bureau of Reclamation during one of COMB's operation and maintenance site visits.
- COMB staff visited all dams, reservoirs, valve pits, and surrounding sites before and after the rainstorms that came through this last month. The purpose of these site visits is to make sure storm runoff is flowing freely through storm culverts, pit drains, etc. and that storm runoff is not creating any damage due to flooding or erosion. (see photos)
- Operations staff replaced the AVAR (air release valve) at Sheffield control station. This AVAR was not seating properly and was leaking water out of the top through the puck O-rings.
- COMB staff assisted Reclamation with inspecting and testing the 10-inch Bradbury dam outlet works valve and actuator. A professional from Caltrol was hired to conduct the inspection and testing of the valve and actuator and provide recommendations for future repairs and/or installations. (see photos)
- COMB and Reclamation staff conducted a radio test through Sheffield tunnel. The test was unsuccessful, and Reclamation plans to utilize their microwave radio system for upcoming inspections. Testing of the microwave radio system and equipment will be completed before tunnel entry.

**Storm repairs and post storm site checks**

*Lauro debris basin*



*North portal debris basin*



*North portal access road slide repair and drainage*



**Bradbury dam 10-inch outlet works valve**





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

**DATE:** February 24, 2025  
**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 6.6 cfs) plus upper basin flows (approximately 0.1 cfs since January and into mid-February) 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 5 cfs and 1.5 cfs, respectively) due to being on Table 1 flows as of 2/16/25 since required releases are now off of Table 2 flows from the large spill during WY2024. Dam releases continue to sustain flows higher than required target flows at both compliance points.
  - USBR is considering refurbishing the 30-inch valves and the 10-inch valve of the Outlet Works. No date has been set for that needed maintenance.
- Spawning surveys have been started within the LSYR basin.

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.

**Redd Surveys:** Redd surveys are conducted approximately every two weeks from mid-December through May (depending on streamflow conditions). Surveys are conducted within the LSYR mainstem in the Highway 154, Refugio, and Alisal reaches where access is permitted, and certain sections of Hilton, Quiota, and Salsipuedes/El Jaro creeks. The number of redds is reported in the Annual Monitoring Report/Summary.

**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 for the LSYR at the Highway 154 Bridge and Alisal Bridge. COMB-FD conducts spot flow measurements when requested.

The minimum target flow of 2 cfs to Hilton Creek was met throughout December with HCWS gravity flow to the URP and a small amount to the LRP (approximately 6.6 cfs) and upper basin flows (approximately 0.1 cfs since the beginning of February) for a total of approximately 6.9 cfs throughout January 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 1 compliance flows (5 cfs and 1.5 cfs, respectively, as of 2/16/25). Target flows at the Highway 154 Bridge and Alisal Bridge were being met as recorded by the USGS at each site. The USGS recorded flows of approximately 10.2 cfs and 10.5 cfs throughout January at the Highway 154 Bridge and Alisal Bridge, respectively. The USGS stream gage at the Highway 154 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:**

The two fish passage and habitat enhancement projects (4 on Quiota Creek and 1 on El Jaro Creek) were successfully completed on 10/30/24. All permit compliance measures were followed throughout the projects and Final Project Reports have been submitted.

#### **State Water Board Order WR 2019-0148:**

The following tasks were completed as requested by Reclamation for their required compliance with the Order WR (WRO) 2019-0148.

**Terms 18 and 25 (improved discharge monitoring at the Highway 154 compliance point):** In 2022, COMB worked with and then contracted the USGS to install a new stream gaging station just upstream of the Highway 154 Bridge on the Lower Santa Ynez River. The site was completed and activated on 10/1/22 and has been performing as designed and contracted since. Reclamation is in the process of obtaining State Board approval for transferring that compliance point.

**Term 19 (monitoring effectiveness of Table 2 flows):** In 2023, Reclamation asked COMB staff to facilitate and work with CCRB and the downstream interests to draft the initial Term 19 Study Plan to evaluate the benefits to the downstream fishery from Table 2 flows. Field observations and gained knowledge during the 2023 dry season led to a revised Term 19 Study Plan that is in final revisions with USBR.

**Term 20 (plan to complete all required plans within the WRO):** Reclamation submitted the initial Term 20 Plan on 3/17/20 and an addendum on 9/16/24 to the State Board. CDFW submitted comments. Once USBR receives all comments then the Term 20 Plan will be revised.

**Term 24(a) (fish passage around Bradbury Dam):** Reclamation organized a weeklong Value Planning Study (VPS) session from 9/16/24 to 9/20/24 to discuss the feasibility for fish passage around Bradbury Dam. COMB staff were requested by Reclamation to participate

given our knowledge of the fishery and the Santa Ynez River watershed, plus our participation in previous investigations of similar objectives. The final report from the VPS effort is under review by the group of participants.

**Term 27 (annual reporting):** The WY2024 Annual Monitoring Report was completed and submitted to Reclamation on 2/10/25. This report documents the results of the annual monitoring effort and serves as the required compliance reporting for the 2000 Cachuma Project Biological Opinion and supports Reclamation's required Annual Report for Term 27 of the WRO 2019-0148. The State Board extended the deadline for these annual reports until the end of March.

### **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 that has been non-operable since. COMB is unaware of any scheduled repairs.
- The HCEBS floating pipeline across the Stilling Basin was disconnected on 2/7/23 and reconnected on 11/19-20/24.

### **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 and tested on 11/10/23 all the Bradbury Dam radial gate lifting motors to return them to full operational condition.
- On 11/10/23, Reclamation reinstalled the refurbished 30-inch Outlet Works. There was no impact to the downstream fishery during the operation.
- No further actions or repairs have been scheduled.

### **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 1/31/25, using the 2021 bathymetric survey data.

<b>Accounts*</b>	<b>Allocation</b>	<b>Amount Used**</b>	<b>Amount Remaining</b>
<b>Units:</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>
<b>Fish Passage Supplementation</b>			
<b>WY2023</b>	3,200	0	3,200
<b>Adaptive Management</b>	500	0	500
<b>Fish Rearing***</b>	5,527	5,527	0
<b>Unallocated Project Water</b>		5,054	-5,054
<b>Total:</b>	<b>9,227</b>	<b>10,581</b>	<b>-1,354</b>
* Originally was 9,200 af, 8,942 af in 2008, 9,184 af in 2013, and <b>9,227 af</b> in 2021.			
** Values as of 1/31/25.			
*** 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 nearing completion 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) – No work was performed during this period on the established SOW tasks.

**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:	February 24, 2025
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 February 2024 to the present (2/1/24 – 2/24/25, 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 2023 Annual Report with the annual inventory and Fiscal Year 2023-24 financials was completed and reviewed by the Lake Cachuma Oak Tree Committee on 7/25/24 and approved by the COMB Board on 8/26/24 that recommended going forward with only maintaining the currently planted oak trees.

**Table 1:** Cachuma Oak Tree Program completed maintenance tasks since February 2024.

	Feb 2024 <sup>1</sup>	Mar 2024 <sup>1</sup>	April 2024 <sup>1</sup>	May 2024 <sup>1</sup>	June 2024	July 2024	Aug 2024	Sept 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025 <sup>1</sup>	Feb 2025 <sup>1</sup>
<b>Year 13 Oaks (2021-2022)</b>		Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	
								Repair					
<b>Year 12 Oaks (2020-2021)</b>						Irrigated	Irrigated	Irrigated	Irrigated		Irrigated		
						Weeded	Weeded	Weeded	Weeded		Weeded		
<b>Year 11 Oaks (2019-2020)</b>									Irrigated	Irrigated			
									Weeded	Weeded			
<b>Year 10 Oaks (2018-2019)</b>										Irrigated			
										Weeded			
<b>Year 9 Oaks (2016-2017)</b>													
<b>Year 8 Oaks (2015-2016)</b>													
<b>Year 7 Oaks (2014-2015)</b>													

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

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

**SPECIFIC TASKS**

**Tree Irrigating/Weeding**

No tree watering was conducted since the previous Board meeting. Bradbury Dam has received 3.89 inches of rainfall in February so far, so no irrigation was conducted for the month.

**Tree Planting**

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

**Annual Inventory**

The 2024 Annual Inventory of all year classes has begun and continues to be the current Oak Tree Program focus. Inventory work is being conducted both by independent teams and also between trap checks now that the migration season trapping program has commenced.

**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.

**COMMITTEE STATUS:**

Lake Cachuma Oak Tree Committee met on 7/25/24 to review the draft 2023 Annual Inventory with Fiscal Year 2023-24 financials. The Committee made the recommendation to continue maintenance on the most recent trees only.

**LIST OF EXHIBITS:**

n/a

**CACHUMA OPERATION AND MAINTENANCE BOARD  
METERED USE REPORT FOR JANUARY 2025**

LATERAL/ STATION	NAME	ACRE FEET METERED
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**CARPINTERIA WATER DISTRICT**

Boundary Meter - East		296.47
Boundary Meter - West		(0.06)

SWP CREDIT (Warren Act Contract)	0.00
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<b>TOTAL</b>	<b>296.41</b>
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Note: Meter reads were taken on: **1/31/2025**

LATERAL/ STATION	NAME	ACRE FEET METERED
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**GOLETA WATER DISTRICT**

18+62	G. WEST	69.22
78+00	Corona Del Mar FILTER Plant	819.20
	SWP CREDIT (Warren Act Contract)	0.00
	Raytheon (SWP) (Warren Act Contract)	0.00
	Morehart (SWP) (Warren Act Contract)	(6.79)

<b>TOTAL</b>		<b>881.63</b>
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**MONTECITO WATER DISTRICT**

260+79	BARKER PASS	47.90
386+65	MWD YARD	8.85
487+07	VALLEY CLUB	0.43
499+65	E. VALLEY-ROMERO PUMP	96.51
510+95	MWD PUMP (SWD)	8.43
510+95	ORTEGA CONTROL	12.61
526+43	ASEGRA RD	3.85
555+80	CO. YARD	0.00
583+00	LAMBERT RD	1.79
599+27	TORO CANYON	8.60
	SWP CREDIT (Warren Act Contract)	0.00
	City of SB / MWD WSA ("Desal")	(117.38)

<b>TOTAL</b>		<b>71.60</b>
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**CITY OF SANTA BARBARA**

CATER	INFLOW	1,106.23
Gibraltar	PENSTOCK	(297.79)
CATER	SO. FLOW	(651.59)
Sheffield	SHEF.LIFT	139.81
	SWP CREDIT (Warren Act Contract)	0.00
	La Cumbre (SWP) (Warren Act Contract)	(61.33)
	City of SB / MWD WSA ("Desal")	117.38

<b>TOTAL</b>		<b>352.71</b>
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**SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1**

COUNTY PARK, ETC	1.37
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<b>TOTAL</b>	<b>1.37</b>
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**BREAKDOWN OF DELIVERIES BY TYPE:**

STATE WATER DELIVERED TO LAKE	42.00
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STATE WATER TO SOUTH COAST including from stored	68.12
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<b>METERED DIVERSION</b>	<b>1,603.72</b>
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**WATER YEAR 24-25 CACHUMA PROJECT ALLOCATION**  
**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**WATER PRODUCTION AND WATER USE REPORT**  
**FOR THE MONTH OF JANUARY 2025 AND THE WATER YEAR TO DATE (WYTD) <sup>(1)</sup>**

(All in rounded Acre Feet)

<b>CACHUMA PROJECT</b>		
<b>WATER PRODUCTION:</b>	<b>MONTH</b>	<b>WYTD</b>
Cachuma Lake (Tec. Diversion)	1,669.1	5,871.6
Tecolote Tunnel Infiltration	79.9	314.4
Cachuma Lake (County Park)	1.4	6.2
<b>Subtotal - Water Production</b>	<b>1,750.3</b>	<b>6,192.2</b>
<b>WATER DELIVERIES:</b>		
State Water Diversion	68.1	211.2
Cachuma Diversion	1,603.7	5,796.9
Storage gain/(loss) <sup>(2)</sup>	68.4	18.4
<b>Subtotal - Water Deliveries</b>	<b>1,740.2</b>	<b>6,026.5</b>
<b>Total Water Production</b>	<b>1,750.3</b>	<b>6,192.2</b>
<b>Total Water Deliveries</b>	<b>1,740.2</b>	<b>6,026.5</b>
<b>Difference = Apparent Water Loss</b>	<b>10.1</b>	<b>165.8</b>
% Apparent Water Loss	0.58%	2.68%

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

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>TOTAL</b>
<b>CURRENT MONTH CHARGE / (ADJUSTMENT)</b>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
<b>Total Current Month</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)</b>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
<b>Total AWL Charged (WYTD)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total AWL Not Charged (WYTD)</b>					<b>165.8</b>
<b>Total AWL Incurred (WYTD)</b>					<b>165.8</b>

**CACHUMA PROJECT WATER CHARGE**

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRID #1</b>	<b>TOTAL</b>
<b>CURRENT MONTH</b>						
Water Usage						
M&I	647.0	352.7	64.7	142.0	1.4	1,207.8
Agricultural	234.6	0.0	6.9	154.4	N/A	395.9
<b>Subtotal Project Water Use</b>	<b>881.6</b>	<b>352.7</b>	<b>71.6</b>	<b>296.4</b>	<b>1.4</b>	<b>1,603.7</b>
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss <sup>(4)</sup>	9.1	23.9	6.3	5.2	4.5	48.9
<b>Total Project Water Charge</b>	<b>890.7</b>	<b>376.6</b>	<b>77.9</b>	<b>301.6</b>	<b>5.8</b>	<b>1,652.6</b>
<b>WATER YEAR-TO-DATE</b>						
Water Usage						
M&I	2,728.1	1,127.7	161.2	446.4	6.2	4,469.6
Agricultural	846.8	0.0	14.9	465.6	N/A	1,327.3
<b>Subtotal Project Water Use</b>	<b>3,574.9</b>	<b>1,127.7</b>	<b>176.1</b>	<b>912.0</b>	<b>6.2</b>	<b>5,796.9</b>
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss <sup>(4)</sup>	68.5	124.2	31.4	31.2	21.7	277.1
<b>Total Project Water Charge (*)</b>	<b>3,643.4</b>	<b>1,252.0</b>	<b>207.5</b>	<b>943.2</b>	<b>27.9</b>	<b>6,074.0</b>

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



**WATER YEAR 24-25 CACHUMA PROJECT ALLOCATION**

**CACHUMA OPERATION AND MAINTENANCE BOARD  
WATER PRODUCTION AND WATER USE REPORT  
FOR THE MONTH OF JANUARY 2025 AND THE WATER YEAR TO DATE (WYTD) <sup>(1)</sup>**

(All in rounded Acre Feet)

**CACHUMA PROJECT WATER BALANCE**

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRID #1</b>	<b>TOTAL</b>
<b>Project Water Carryover - 10/1/2024</b>	6,143.3	8,674.4	2,169.9	2,447.2	1,445.9	20,880.6
(-) Project Water Charge (WYTD)	3,643.4	1,252.0	207.5	943.2	27.9	6,074.0
Carryover Available Before Adjustments	2,499.9	7,422.4	1,962.3	1,504.0	1,418.0	14,806.6
<b>Adjustments to Carryover (WYTD)</b>						
State Water Exchange <sup>(5)</sup>	0.0	0.0	0.0	0.0	0.0	0.0
Surplus	0.0	0.0	0.0	0.0	0.0	0.0
Carryover Spilled	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/La Cumbre	(50.0)	0.0	0.0	0.0	0.0	(50.0)
<b>Balance Project Water Carryover</b>	<b>2,449.9</b>	<b>7,422.4</b>	<b>1,962.3</b>	<b>1,504.0</b>	<b>1,418.0</b>	<b>14,756.6</b>
<b>Current Year Allocation <sup>(6)</sup></b>	9,322.0	8,277.0	2,651.0	2,813.0	2,651.0	25,714.0
(-) Balance of Project Water Charge (WYTD)	0.0	0.0	0.0	0.0	0.0	0.0
Allocation Available Before Adjustments	9,322.0	8,277.0	2,651.0	2,813.0	2,651.0	25,714.0
<b>Adjustments to Allocation (WYTD)</b>						
State Water Exchange <sup>(5)</sup>	0.0	0.0	0.0	0.0	0.0	0.0
Surplus	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Bishop Ranch	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Juncal Transfer	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/SB Overlap	0.0	0.0	0.0	0.0	0.0	0.0
<b>Balance Current Year Allocation</b>	<b>9,322.0</b>	<b>8,277.0</b>	<b>2,651.0</b>	<b>2,813.0</b>	<b>2,651.0</b>	<b>25,714.0</b>
<b>Total Cachuma Project Water Available</b>	<b>11,771.9</b>	<b>15,699.4</b>	<b>4,613.3</b>	<b>4,317.0</b>	<b>4,069.0</b>	<b>40,470.6</b>

**ACCUMULATED DROUGHT WATER CREDIT (ADWC) BALANCE <sup>(7)</sup>**

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRID #1</b>	<b>TOTAL</b>
<b>ADWC Balance - 10/1/2024</b>	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
<b>Adjustments to ADWC (WYTD)</b>						
ADWC Spilled	0.0	0.0	0.0	0.0	0.0	0.0
<b>Balance ADWC</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Cachuma Project + ADWC Available</b>	<b>11,771.9</b>	<b>15,699.4</b>	<b>4,613.3</b>	<b>4,317.0</b>	<b>4,069.0</b>	<b>40,470.6</b>

**Footnotes**

- (1) Water Year = October 1 through September 30; WYTD = Water Year to Date
- (2) Includes Lauro and Ortega Reservoirs only
- (3) Based on correspondence from Michael Jackson, dated 09/15/17, which revised the approach to the assessment for unaccounted for water loss based on lake conditions
- (4) Per USBR, evaporation is applied to Cachuma Carryover and SWP water through standard contract formula effective April 1, 2017
- (5) Per SWP Exchange Agrmt GWD received 0 AF; City of SB received 0 AF; MWD received 0 AF; and CVWD received 0 AF from ID#1 in January 2025
- (6) Per USBR, 100% allocation to Member Units, effective 10/1/24
- (7) ADWC accrual for WY 2023, WY 2024, and WY 2025 is pending Reclamation determination
- (8) Memo only - State Water Deliveries to Lake Cachuma for January 2025 was 42 AF
- (9) Memo only - MWD has received 821.66 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: **JANUARY 2025**

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

Capacity at 385' elevation:	335	AF
Capacity at sill of intake at 334' elevation:	21	AF
Stage of Reservoir Elevation	<b>353.2</b>	Feet
Water in Storage	133.84	AF

**LAURO RESERVOIR**

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	<b>544.6</b>	Feet
Water in Storage	420.02	AF

**ORTEGA RESERVOIR**

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	<b>448.8</b>	Feet
Water in Storage	25.31	AF

**CARPINTERIA RESERVOIR**

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	<b>375.6</b>	Feet
Water in Storage	24.81	AF

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

Change in Storage	470.14	AF
	66.37	AF

**CACHUMA RESERVOIR <sup>(2)</sup>**

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

Stage of Reservoir Elevation	<b>745.06</b>	Feet
Water in Storage	<b>169,234</b>	AF
Surface Area	<b>2,854</b>	Acres
Evaporation	<b>459.8</b>	AF
Inflow	<b>385.2</b>	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	<b>408.4</b>	AF
Outlet	<b>472.0</b>	AF
Spill/Seismic Release	0	AF
State Water Project Water	<b>41.3</b>	AF
Change in Storage	<b>-2,496</b>	AF
Tecolote Diversion	<b>1,669.1</b>	AF

**Rainfall:                      Month: 0.37    Year: 1.35    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

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

Month	Total Divd to Lake per CCWA	CVWD							MWD							CITY OF SB							GWD							LCMWC							RSYS							MLC						
		Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake
<b>2024</b>							<b>0</b>							<b>0</b>													<b>0</b>																						<b>0</b>	
Bal. Frwd																																																		
January	25	0																																																
February	0	0																																																
March	0	0																																																
April	0	0																																																
May	0	0																																																
June	0	0																																																
July	60	0																																																
August	55	0																																																
September	101	0																																																
October	0	0	0.0						0.0							0.0																																		
November	101	0	0.0						0.0							0.0																																		
December	7	0	0.0						0.0							0.0																																		
<b>Total</b>	<b>349</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				

(\*) Adj / Notes:

LCMWC: La Cumbre Mutual Water Company; RSYS: Raytheon; MLC: Morehart Land Company

Spill releases from Bradbury Dam in February 2024 (approximately 113,097 AF) reduced SWP accounts

LCMWC deliveries to South Coast adjusted February 2024 from 13.46 AF to 3.40 AF per Overlap Report revision

Transfer of 50 AF from GWD Carryover to LCMWC in October 2024

Month	Total Divd to Lake per CCWA	CVWD							MWD							CITY OF SB							GWD							LCMWC							RSYS							MLC						
		Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake	Divd to Lake (+)	3% Crvly Loss (-)	Divd to SC (-)	Other Loss (-)	Evap (-)	Adj / Spill (*) (+/-)	Stored in Lake
<b>2025</b>							<b>0</b>							<b>0</b>																																				<b>0</b>
Bal. Frwd																																																		
January	42	0	0.0			0.0			0.0							0.0																																		
February																																																		
March																																																		
April																																																		
May																																																		
June																																																		
July																																																		
August																																																		
September																																																		
October																																																		
November																																																		
December																																																		
<b>Total</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		

(\*) Adj / Notes:

LCMWC: La Cumbre Mutual Water Company; RSYS: Raytheon; MLC: Morehart Land Company

Total SC Storage at month end (AF): 0

Total Storage at month end (AF): 52

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

Contract Year: 10/1/24 to: 9/30/25

Contract Entity: **Goleta Water District**  
 Update by COMB 1/31/2025

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	6,143.3	9,322.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	6,143.3	9,322.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED						
Acre-feet			Evap			Used			Allocation		Allocation		Total
M & I	Agr	Total			Total	M & I	Agr	M & I	Agr				
793.7	250.1	1,043.8	36.0	1,043.8	1,079.8	817.3	262.5	-	-	-	-	-	
698.2	216.9	915.0	14.9	915.0	929.9	707.5	222.4	-	-	-	-	-	
589.2	145.2	734.4	8.5	734.4	743.0	594.3	148.6	-	-	-	-	-	
647.0	234.6	881.6	9.1	881.6	890.7	652.1	238.6	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
2,728.1	846.8	3,574.9	68.5	3,574.9	3,643.4	2,771.2	872.2	-	-	-	-	-	

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	6,143.3	4,021.8	2,121.5	6,644.0	2,678.0	9,322.0
Trsr to LCMWC (-50AF)	(50.0)	(50.0)	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	5,013.5	3,154.5	1,859.0	6,644.0	2,678.0	9,322.0
Nov	4,083.6	2,447.0	1,636.6	6,644.0	2,678.0	9,322.0
Dec	3,340.6	1,852.6	1,488.0	6,644.0	2,678.0	9,322.0
Jan	2,449.9	1,200.6	1,249.3	6,644.0	2,678.0	9,322.0
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **11,771.9**

Footnotes

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

Contract Year: 10/1/24 to: 9/30/25

Contract Entity: **City of Santa Barbara**  
 Update by COMB 1/31/2025

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	8,674.4	8,277.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	8,674.4	8,277.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation			Allocation			Total	
M & I	Agr	Total	Evap	Used	Total	M & I	-----	M & I	-----	Total
217.4	-	217.4	54.8	217.4	272.2	272.2	-	-	-	-
199.0	-	199.0	27.1	199.0	226.2	226.2	-	-	-	-
358.6	-	358.6	18.4	358.6	377.0	377.0	-	-	-	-
352.7	-	352.7	23.9	352.7	376.6	376.6	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
1,127.7	-	1,127.7	124.2	1,127.7	1,252.0	1,252.0	-	-	-	-

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	-	-	-	-

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
Month	Total	Allocation		Allocation	
		M & I	-----	M & I	-----
Begin Bal	8,674.4	8,674.4	-	8,277.0	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
Month	Total	Allocation		Allocation	
		M & I	-----	M & I	-----
Oct	8,402.2	8,402.2	-	8,277.0	-
Nov	8,176.0	8,176.0	-	8,277.0	-
Dec	7,799.0	7,799.0	-	8,277.0	-
Jan	7,422.4	7,422.4	-	8,277.0	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **15,699.4**

Footnotes

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

Contract Year: 10/1/24 to: 9/30/25

Contract Entity: **Montecito Water District**  
 Update by COMB 1/31/2025

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,169.9	2,651.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	2,169.9	2,651.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	M & I	Agr	Total
61.5	5.2	66.7	13.7	66.7	80.4	71.6	8.8	-	-	-
27.6	2.1	29.8	6.8	29.8	36.6	32.6	4.0	-	-	-
7.3	0.7	8.0	4.7	8.0	12.7	10.8	1.9	-	-	-
64.7	6.9	71.6	6.3	71.6	77.9	69.3	8.6	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
161.2	14.9	176.1	31.4	176.1	207.5	184.2	23.3	-	-	-

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
Month	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	2,169.9	1,603.0	566.9	2,244.0	407.0	2,651.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
Month	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	2,089.5	1,531.4	558.1	2,244.0	407.0	2,651.0
Nov	2,052.9	1,498.7	554.2	2,244.0	407.0	2,651.0
Dec	2,040.2	1,488.0	552.2	2,244.0	407.0	2,651.0
Jan	1,962.3	1,418.7	543.6	2,244.0	407.0	2,651.0
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **4,613.3**

Footnotes

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

Contract Year: 10/1/24 to: 9/30/25

Contract Entity: **Carpinteria Valley Water District**  
 Update by COMB 1/31/2025

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,447.2	2,813.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	2,447.2	2,813.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
129.9	114.2	244.0	14.9	244.0	258.9	137.5	121.4	-
97.7	119.6	217.3	6.8	217.3	224.1	101.2	122.9	-
76.8	77.4	154.2	4.3	154.2	158.6	79.1	79.5	-
142.0	154.4	296.4	5.2	296.4	301.6	144.7	156.9	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
446.4	465.6	912.0	31.2	912.0	943.2	462.5	480.7	-

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	2,447.2	1,261.6	1,185.6	1,406.5	1,406.5	2,813.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	2,188.3	1,124.1	1,064.2	1,406.5	1,406.5	2,813.0
Nov	1,964.2	1,022.8	941.3	1,406.5	1,406.5	2,813.0
Dec	1,805.6	943.8	861.8	1,406.5	1,406.5	2,813.0
Jan	1,504.0	799.1	704.9	1,406.5	1,406.5	2,813.0
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **4,317.0**

Footnotes

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

Contract Year: 10/1/24 to: 9/30/25

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**  
 Update by COMB 1/31/2025

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	1,445.9	2,651.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	1,445.9	2,651.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	M & I	Agr	Total
1.8	-	1.8	9.3	1.8	11.0	4.2	6.8	-	-	-
1.8	-	1.8	4.7	1.8	6.4	3.0	3.5	-	-	-
1.3	-	1.3	3.3	1.3	4.6	2.2	2.4	-	-	-
1.4	-	1.4	4.5	1.4	5.8	2.5	3.3	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
6.2	-	6.2	21.7	6.2	27.9	11.9	16.0	-	-	-

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	1,445.9	378.8	1,067.1	935.0	1,716.0	2,651.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	County Parks Usage (AF)	Total	Allocation		Allocation		Total
			M & I	Agr	M & I	Agr	
Oct	1.8	1,434.9	374.6	1,060.3	935.0	1,716.0	2,651.0
Nov	1.8	1,428.4	371.6	1,056.8	935.0	1,716.0	2,651.0
Dec	1.3	1,423.8	369.4	1,054.4	935.0	1,716.0	2,651.0
Jan	1.4	1,418.0	366.9	1,051.1	935.0	1,716.0	2,651.0
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **4,069.0**

Footnotes



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

Contract Year: 10/1/24 to: 9/30/25

Contract Entity: **Santa Barbara Co. Water Agency**  
 Update by COMB 1/31/2025

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr	TOTAL WATER USED				WATER USE CHARGED					WATER USE CHARGED		
			Acre-feet				Evap	Div	Total	Allocation		Allocation		Total
			Use %	M & I	Agr	Total				M & I	Agr	M & I	Agr	
Oct	20,880.6	25,714.0	0.0	1,204.2	369.4	1,573.7	128.6	1,573.7	1,702.3	1,302.8	399.5	-	-	-
Nov	-	-	0.0	1,024.3	338.6	1,362.9	60.3	1,362.9	1,423.2	1,070.5	352.7	-	-	-
Dec	-	-	0.0	1,033.3	223.3	1,256.6	39.2	1,256.6	1,295.8	1,063.3	232.5	-	-	-
Jan	-	-	0.0	1,207.8	395.9	1,603.7	48.9	1,603.7	1,652.6	1,245.2	407.5	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	20,880.6	25,714.0	0.1	4,469.6	1,327.3	5,796.9	277.1	5,796.9	6,074.0	4,681.8	1,392.2	-	-	-

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		Total	Allocation	
		M & I	Agr		M & I	Agr
Begin Bal	20,880.6	15,939.5	4,941.1	19,506.5	6,207.5	25,714.0
Oct	(50.0)	(50.0)	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	County Parks Usage (AF)	Total	Allocation		Total	Allocation	
			M & I	Agr		M & I	Agr
Oct	1.8	19,128.3	14,586.7	4,541.6	19,506.5	6,207.5	25,714.0
Nov	1.8	17,705.1	13,516.2	4,188.9	19,506.5	6,207.5	25,714.0
Dec	1.3	16,409.3	12,452.9	3,956.4	19,506.5	6,207.5	25,714.0
Jan	1.4	14,756.6	11,207.7	3,548.9	19,506.5	6,207.5	25,714.0
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **40,470.6**

Footnotes



February 2025

Day <sup>1</sup>	Lake Cachuma				Rainfall		Evaporation <sup>3</sup>		CCWA Inflow	Release					Computed Inflow <sup>5</sup>	
	Elevation	Storage <sup>2</sup>	Change in Storage	Surface Area						Park Use	Tunnel	Hilton Creek	WR 89-18	Outlet <sup>4</sup>		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
31	745.06	169,234														
1	745.05	169,206	(28.7)	2,853.6	-	-	0.070	12.82	0.68	-	48.08	13.09	-	16.00	-	60.61
2	745.03	169,148	(57.4)	2,852.9	-	-	0.070	12.81	-	-	44.72	13.13	-	15.00	-	28.28
3	745.01	169,091	(57.4)	2,852.2	-	-	0.120	21.96	-	-	50.48	13.11	-	15.00	-	43.17
4	744.98	169,005	(85.4)	2,851.2	-	-	0.080	14.64	-	-	39.45	13.08	-	15.00	-	(3.20)
5	745.03	169,148	142.7	2,852.9	0.46	109.4	-	-	-	-	30.63	13.14	-	15.00	-	92.15
6	745.04	169,177	28.7	2,853.3	0.04	9.5	0.030	5.49	-	-	23.39	13.14	-	16.00	-	77.20
7	745.04	169,177	-	2,853.3	0.35	83.2	0.020	3.66	-	-	24.69	13.13	-	15.00	-	(26.74)
8	745.03	169,148	(28.7)	2,852.9	-	-	0.100	18.31	-	-	24.78	13.15	-	15.00	-	42.55
9	745.02	169,119	(28.7)	2,852.6	-	-	0.140	25.63	-	-	24.26	13.18	-	15.00	-	49.37
10	745.00	169,062	(57.4)	2,851.9	-	-	0.080	14.64	-	-	24.54	13.15	-	15.00	-	9.95
11	744.99	169,034	(28.3)	2,851.5	-	-	0.080	14.64	-	-	28.76	13.16	-	15.00	-	43.22
12	744.97	168,977	(56.7)	2,850.8	0.14	33.3	-	-	-	-	29.04	13.16	-	16.00	-	(31.73)
13	745.00	169,062	85.0	2,851.9	0.35	83.2	0.110	20.13	-	-	29.53	13.18	-	15.00	-	79.67
14	745.51	170,525	1,463.2	2,869.4	2.54	607.4	-	-	-	-	28.86	13.22	-	15.00	-	912.94
15	745.57	170,697	172.1	2,871.4	-	-	0.100	18.43	-	-	29.43	13.24	-	16.00	-	249.24
16	745.59	170,755	57.4	2,872.1	-	-	0.080	14.74	-	-	28.43	13.25	-	15.00	-	128.80
17	745.59	170,755	-	2,872.1	0.01	2.4	0.020	3.69	-	-	30.34	13.27	-	15.00	-	59.91
18	745.59	170,755	-	2,872.1	-	-	0.100	18.43	-	-	30.39	13.23	-	16.00	-	78.05
19	745.59	170,755	-	2,872.1	-	-	0.110	20.27	-	-	36.19	13.24	-	15.00	-	84.70
20	745.57	170,697	(57.4)	2,871.4	-	-	0.110	20.27	-	-	35.04	13.27	-	16.00	-	27.20

<b>Total</b>			<b>1,463.21</b>		<b>3.89</b>	<b>928.28</b>	<b>1.420</b>	<b>260.55</b>	<b>0.68</b>		<b>641.01</b>	<b>263.52</b>		<b>306.00</b>		<b>2,005.33</b>
<b>Minimum</b>	744.97	168,977	(85.37)	2,850.81	-	-	-	-	-	-	23.39	13.08	-	15.00	-	(31.73)
<b>Average</b>	745.21	169,665	73.16	2,859.09	0.19	46.41	0.071	13.03	0.03	-	32.05	13.18	-	15.30	-	100.27
<b>Maximum</b>	745.59	170,755	1,463.21	2,872.13	2.54	607.35	0.140	25.63	0.68	-	50.48	13.27	-	16.00	-	912.94

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 February pan factor: 77%
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: January 2025**



<b>Cachuma Lake Recreation Area Launch Data – January 2025</b>		
<b>Inspection Data</b>		
Total Vessels Entering Park	617	
Total Vessels Launched	597	
Total Vessels Quarantined	20	
Returning (Tagged) Boats Launched	534	89%
Kayak/Canoe: Inspected, launched	63	11%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
<b>Quarantine Data</b>		
Total Vessels Quarantined	20	
Quarantined 14 days	*	
Quarantined 30 days	20	
<b>Quarantine Cause</b>		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	1	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	20	
<b>Demographic Data</b>		
Quarantined from infected county	1	
Quarantined from SB County	18	
Quarantined from uninfected co	1	

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

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

\* These conditions are no longer being tracked.

**EARLY DETECTION MONITORING PROGRAM SUMMARY**

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

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

Plankton Tow Inspection Dates: 2025.01.30

Artificial Substrate & Surface Survey Date: 2025.01.30, 2025.01.30

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 745.07; Max acre-feet: 192,978, current: 169,206;

Capacity: 88% At of the end of the survey month.