



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

**Monday, August 22, 2022
1:00 P.M.**

BY TELECONFERENCE

NOTICE: Pursuant to California Government Code sections 54953(b)(1), (b)(2), (e)(1) and (e)(3) (AB 361), members of the Cachuma Operation & Maintenance Board (COMB) Board of Directors, staff, and members of the public will participate in this meeting electronically by video and/or teleconference, as described below.

HOW TO OBSERVE THE MEETING

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

Join via video conference:

<https://us02web.zoom.us/j/86724509035?pwd=1ne87y3PF-fm7kG10xvt9CqahF8J3J.1>

Passcode: 526917

Join via teleconference:

US: +1 669 900 6833 Conference ID: 867 2450 9035 Passcode: 526957

HOW TO MAKE A PUBLIC COMMENT

Any member of the public may address the Board on any subject within the jurisdiction of the Board of Directors. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

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

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

AMERICANS WITH DISABILITIES ACT

In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

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

Monday, August 22, 2022

1:00 PM

AGENDA

NOTICE: This Meeting shall be conducted through remote access as authorized and in accordance with Government Code section 54953 and the California Governor's Executive Order N-08-21, N-15-21 and as amended by AB 361.

1. **CALL TO ORDER, ROLL CALL**
2. **PUBLIC COMMENT** *(Public may address the Board on any subject matter within the Board's jurisdiction. See "Notice to the Public" below.)*
3. **CONSENT AGENDA** *(All items on the Consent Agenda are considered to be routine and will be approved or rejected in a single motion. Any item placed on the Consent Agenda may be removed and placed on the Regular Agenda for discussion and possible action upon the request of any Board Member.)*
Action: Recommend Approval of Consent Agenda by motion and roll call vote of the Board:
 - a. Minutes of July 25, 2022 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Review of Paid Claims
4. **RESOLUTION NO. 765 – CONFIRMATION OF LOCAL EMERGENCY - ACKNOWLEDGEMENT OF GOVERNOR NEWSOM'S DECLARED STATE OF EMERGENCY (HEALTH AND SAFETY)**
Action: Recommend adoption by motion and roll call vote of the Board
5. **FINANCIAL REVIEW – 4th QUARTER FISCAL YEAR 2021-22**
Action: Receive and file information on the 4th Quarter Fiscal Year 2021-22 Financial Review
6. **GENERAL MANAGER REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
 - Administration
7. **ENGINEER'S REPORT**
Receive information from the COMB Engineer, including but not limited to the following:
 - Climate Conditions and Water Quality
 - Lake Elevation Projection
 - Watershed Management
 - Infrastructure Improvement Projects

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8. OPERATIONS DIVISION REPORT

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

- Lake Cachuma Operations
- Operation and Maintenance Activities

9. FISHERIES DIVISION REPORT

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

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

10. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

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

- Maintenance and Monitoring

11. MONTHLY CACHUMA PROJECT REPORTS

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

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

12. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

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

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

14. RECONVENE INTO OPEN SESSION

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

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

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15. MEETING SCHEDULE

- **September 26, 2022 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

16. COMB ADJOURNMENT

NOTICE TO PUBLIC

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

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

Public Comment: Any member of the public may address the Board on any subject within the jurisdiction of the Board. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

Americans with Disabilities Act: In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

Note: If you challenge in court any of the Board's decisions related to the listed agenda items you may be limited to raising only those issues you or someone else raised at any public hearing described in this notice or in written correspondence to the Governing Board prior to the public hearing.

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

**Monday, July 25, 2022
1:00 PM**

MINUTES

1. CALL TO ORDER, ROLL CALL

The regular meeting of the Board of Directors was called to order by President Holcombe at 1:02 PM.

All attendees participated electronically pursuant to California Government Code sections 54953(b)(1), (b)(2), (e)(1) and (e)(3) (AB 361).

Directors Present:

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

Directors Absent:

Cori Hayman, Montecito Water District

General Counsel Present:

William Carter - Musick, Peeler, Garrett, LLP

Staff Present:

Janet Gingras, General Manager	Elijah Papan, Program Analyst III
Edward Lyons, Administrative Manager/CFO	Daniel Razo, Biologist Aide
Joel Degner, Engineer/Operations Division Manager	Dorothy Turner, Administrative Assistant

Others Present:

Joshua Haggmark, City of Santa Barbara	Catherine Taylor, City of Santa Barbara
Matthew Scudato, COSB Water Agency	Nicholas Turner, Montecito Water District

2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

- a. Minutes of June 27, 2022 Regular Board Meeting
- b. Investment of Funds
 - Financial Reports
 - Investment Reports
- c. Review of Paid Claims

Ms. Gingras introduced the Consent Agenda items and called upon Mr. Lyons to comment on the financial reports. Mr. Lyons reviewed revenues and directed Board attention to a number of

expenditures, including payments to Santa Barbara Office Interiors, Illumina, National Auto Group, various costs pertaining to infrastructure improvement projects.

As there were no comments or questions from the Board, Director Sneddon provided a motion to approve the Consent Agenda items, followed by a second from Director Hanson. The motion passed with a vote of five in favor.

Ayes: Sneddon, Hanson, Holcombe
Nays:
Absent: Hayman
Abstain

4. RESOLUTION NO. 755 – CONFIRMATION OF LOCAL EMERGENCY - ACKNOWLEDGEMENT OF GOVERNOR NEWSOM’S DECLARED STATE OF EMERGENCY (HEALTH AND SAFETY)

Ms. Gingras presented Resolution No. 755. Following a short discussion, Director Hanson motioned to approve the Resolution. Director Sneddon seconded and the motion carried with a vote of five in favor.

Ayes: Sneddon, Hanson, Holcombe
Nays:
Absent: Hayman
Abstain

5. BOARD COMMITTEE APPOINTMENTS FOR FISCAL YEAR 2022-23

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

Ms. Gingras introduced the staff memo regarding Board committee appointments and asked President Holcombe to make appointments for Fiscal Year 2022-23. Receiving no requests for changes, President Holcombe advised that the committee structures worked well and would remain the same for Fiscal Year 2022-23. She provided a motion to ratify the committee structure which was seconded by Director Sneddon and carried with a vote of five in favor.

Ayes: Sneddon, Hanson, Holcombe
Nays:
Absent: Hayman
Abstain

6. PROPOSED ANNUAL RESOLUTIONS

- a. Resolution No. 756 Adopting Annual Statement of Investment Policy
- b. Resolution No. 757 Authorizing Investment of Monies in the Local Agency Investment Fund
- c. Resolution No. 758 Establishing a Supplemental Account Agreement for Telephone Transfers
- d. Resolution No. 759 Establishing a Check Signing Policy for General Fund Account Payment of Claims

- e. Resolution No. 760 Authorizing Signatories for General Fund Account at American Riviera Bank
- f. Resolution No. 761 Authorizing Signatories for Revolving Fund Account at American Riviera Bank
- g. Resolution No. 762 Establishing a Check Signing Policy for Cachuma Project Trust Fund and Master Contract Renewal Fund Accounts for Payment of Claims
- h. Resolution No. 763 Authorizing Signatories for Trust Fund and Renewal Fund Accounts at American Riviera Bank
- i. Resolution No. 764 Establishing a Time and Place for Board Meetings

Ms. Gingras introduced the annual resolutions and suggested that the Board could pass them all via a single motion or extract any item to address separately. Director Sneddon moved to approve the resolutions under a single motion. Director Hanson seconded the motion which passed with a vote of five in favor.

Ayes: Sneddon, Hanson, Holcombe

Nays:

Absent: Hayman

Abstain

7. GENERAL MANAGER REPORT

- Administration
- Virtual Meetings

Ms. Gingras presented the General Manager report, reviewing the contracts that had been executed during the prior quarter. She reported that staff had attended the County Office of Emergency Management (OEM) meeting and been provided an overview of the OEM's newly updated website. As well, OEM staff presented their Drought Incident Overview, including program and resource data, all of which is available at their ReadySBC.org website.

8. ENGINEER'S REPORT

- Climate Conditions and Water Quality
- ESRI User Conference
- Lake Elevation Projections
- Infrastructure Improvement Projects

Mr. Degner presented the Engineer's report and reviewed the current climate conditions, noting a La Nina condition is forecasted for the third year in a row. He reported that staff had attended the ESRI conference where Mr. Papen presented his abstract, "3D Analysis of Water Utility Pipeline and Land Elevation Changes". Mr. Degner reviewed lake elevation projections and discussed scenarios for installation of the Emergency Pumping Facility. Finally Mr. Degner provided updates for the ongoing Infrastructure Improvement Projects. He fielded questions and comments from the Board.

9. ESRI USER CONFERENCE STAFF PRESENTATION

Mr. Papen presented his "3D Analysis of Water Utility Pipeline and Land Elevation Changes", recently given at the ESRI conference. Using the ArcGIS software tools he was able to create a 3D visual of the location, depth, surrounding construction and aggrading and degrading of the overburden with respect to the conduit. This software provides COMB with highly useful data which allows staff to address current and potential issues that would not have been apparent without the software. The Board

expressed their enthusiastic appreciation for the enhancements this data brings to operations and thanked Mr. Papen.

10. OPERATIONS DIVISION REPORT

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. Degner presented the Operations Division report. Mr. Degner reported that Operations had a busy month. The lateral project led by the Carpinteria Valley Water District and located near the Polo Grounds, is now complete. Lateral work continues in the South Reach with COMB staff close by to monitor. Mr. Degner provided updates on various ongoing tasks, including structure maintenance, clearing of vegetation, the annual cathodic survey and the upcoming Bureau inspection.

11. FISHERIES DIVISION REPORT

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

Mr. Razo presented the Fisheries Division report and provided an update on target flows to Hilton Creek and the Highway 154 Bridge. He reported that Reclamation had performed electrical testing and flushed the in-lake Hilton Creek Watering System. Additionally, Mr. Razo reported that snorkel surveys were pending prior to the anticipated downstream Water Rights Release. Staff is also poised to monitor for fish safety and water quality during the release.

12. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

- Maintenance and Monitoring

Mr. Razo provided an update on the Oak Tree program activities. He advised that irrigation and weeding continued. As well, staff performed some much-needed maintenance to the water trailer to better support and stabilize the water tank.

13. MONTHLY CACHUMA PROJECT REPORTS

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

Ms. Gingras drew the Board's attention to the water reports and noted that the June reports were fairly routine.

14. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

There were no requests from directors for future agenda items.

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

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

The Board adjourned into Closed Session at 2:09 PM.

17. RECONVENE INTO OPEN SESSION

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

- 16a. Name of matter: *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647
– Request for Declaratory and Injunctive Relief
- 16b. Potential Litigation: Conference with Legal Counsel

The Board reconvened into Open Session at 2:30 PM. There was no reportable action for either of items 16a. or 16b.

18. MEETING SCHEDULE

- **August 22, 2022 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

19. COMB ADJOURNMENT

There being no further business, the meeting was adjourned at 2:31 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

APPROVED:

Polly Holcombe, President of the Board

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Cachuma Operation & Maintenance Board
Statement of Net Position
As of July 31, 2022
UNAUDITED FINANCIALS

	July 31, 2022
ASSETS	
Current Assets	
Checking/Savings	
Trust Funds	
1210 · Warren Act Trust Fund	\$ 313,002.72
1220 · Renewal Fund	55,285.20
Total Trust Funds	\$ 368,287.92
1050 · General Fund	907,418.02
1100 · Revolving Fund	185,818.91
Total Checking/Savings	1,461,524.85
Accounts Receivable	
1301 · Accounts Receivable	1,570.00
1320 · Quarterly Assessments Receivable	1,839,369.00
Total Accounts Receivable	1,840,939.00
Other Current Assets	
1010 · Petty Cash	500.00
1200 · LAIF	1,142,561.33
1303 · Bradbury SOD Act Assessments Receivable	213,957.00
1304 · Lauro Dam SOD Assessments Receivable	32,837.16
1400 · Prepaid Insurance	10,656.72
1900 · Deposits	236,109.85
Total Other Current Assets	1,636,622.06
Total Current Assets	4,939,085.91
Fixed Assets	
1500 · Vehicles	468,728.36
1505 · Office Furniture & Equipment	236,471.87
1510 · Mobile Offices	97,803.34
1515 · Field Equipment	523,998.79
1525 · Paving	38,351.00
1550 · Accumulated Depreciation	(1,218,759.00)
Total Fixed Assets	146,594.36
Other Assets	
1910 · Long Term Bradbury SOD Act Assessments Receivable	4,057,372.07
1920 · Long Term Lauro SOD Act Assessments Receivable	739,312.90
1922 · Deferred Outflow of Resources(GASB 68)	497,209.00
1923 · Deferred Outflow (GASB 75)	870,598.00
Total Other Assets	6,164,491.97
TOTAL ASSETS	\$ 11,250,172.24

Cachuma Operation & Maintenance Board

Statement of Net Position

As of July 31, 2022

UNAUDITED FINANCIALS

July 31, 2022

LIABILITIES & NET POSITION

Liabilities

Current Liabilities

Accounts Payable

2200 · Accounts Payable \$ 21,867.80

Total Accounts Payable 21,867.80

Other Current Liabilities

2505 · Accrued Wages 20,168.77

2550 · Vacation/Sick 202,762.73

2561 · Bradbury Dam SOD Act 213,956.99

2563 · Lauro Dam SOD Act 32,837.16

2565 · Accrued Interest SOD Act 46,692.00

2590 · Deferred Revenue 368,287.92

2595 · Deferred Revenue - Oak Tree 2,690.43

Total Other Current Liabilities 887,396.00

Total Current Liabilities 909,263.80

Long Term Liabilities

2602 · Long Term SOD Act Liability-Bradbury 4,057,362.07

2603 · Long Term SOD Act Liability - Lauro 739,312.90

2604 · OPEB LT Liability 5,789,486.00

2610 · Net Pension Liability (GASB 68) 2,078,203.00

2611 · Deferred Inflow of Resources (GASB 68) 103,202.00

2612 · Deferred Inflow of Resources (GASB 75) 588,356.00

Total Long Term Liabilities 13,355,921.97

Total Liabilities 14,265,185.77

Net Position

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

3901 · Retained Net Assets 116,801.62

Net Revenue 2,164,764.90

Total Net Position (3,015,013.53)

TOTAL LIABILITIES & NET POSITION \$ **11,250,172.24**

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2022 - June 2023

	Fisheries				Operations				TOTAL			
	Jul 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul 22	Budget	\$ Over / (Under) Budget	% of Budget
Revenue												
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	\$ 369,149.00	\$ 1,153,196.00	\$ (784,047.00)	32.01%	\$ 2,041,328.00	\$ 4,951,331.00	\$ (2,910,003.00)	41.23%	\$ 2,410,477.00	\$ 6,104,527.00	\$ (3,694,050.00)	39.49%
3006 · Warren Act	0.00	118,293.00	-118,293.00	0.0%	0.00				0.00	118,293.00	-118,293.00	0.0%
3007 · Renewal Fund	0.00	155,723.00	-155,723.00	0.0%	0.00				0.00	155,723.00	-155,723.00	0.0%
3020 · Misc Income	0.00				626.00	0.00	626.00	100.0%	626.00	0.00	626.00	100.0%
3035 · Cachuma Project Betterment Fund	0.00	90,000.00	-90,000.00	0.0%	0.00				0.00	90,000.00	-90,000.00	0.0%
3044 · DWR Drought Relief Grant	0.00				0.00	2,250,000.00	-2,250,000.00	0.0%	0.00	2,250,000.00	-2,250,000.00	0.0%
3045 · USBR WaterSmart Grant	0.00				0.00	750,000.00	-750,000.00	0.0%	0.00	750,000.00	-750,000.00	0.0%
3046 · CVWD Cooperative Agrmnt Funding	0.00				0.00	550,000.00	-550,000.00	0.0%	0.00	550,000.00	-550,000.00	0.0%
Total 3000 REVENUE	\$ 369,149.00	\$ 1,517,212.00	\$ (1,148,063.00)	24.33%	\$ 2,041,954.00	\$ 8,501,331.00	\$ (6,459,377.00)	24.02%	\$ 2,411,103.00	\$ 10,018,543.00	\$ (7,607,440.00)	24.07%
Expense												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 80,510.96	\$ 1,090,525.00	\$ (1,010,014.04)	7.38%	\$ 80,510.96	\$ 1,090,525.00	\$ (1,010,014.04)	7.38%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				3,644.72	40,000.00	-36,355.28	9.11%	3,644.72	40,000.00	-36,355.28	9.11%
3202 · Fixed Capital	0.00				0.00	150,000.00	-150,000.00	0.0%	0.00	150,000.00	-150,000.00	0.0%
3203 · Equipment Rental	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
3204 · Miscellaneous	0.00				0.00	10,000.00	-10,000.00	0.0%	0.00	10,000.00	-10,000.00	0.0%
Total 3200 VEH & EQUIPMENT	0.00				3,644.72	205,000.00	-201,355.28	1.78%	3,644.72	205,000.00	-201,355.28	1.78%
3300 · CONTRACT LABOR												
3301 · Conduit, Meter, Valve & Misc	0.00				2,080.24	20,000.00	-17,919.76	10.4%	2,080.24	20,000.00	-17,919.76	10.4%
3302 · Buildings & Roads	0.00				0.00	20,000.00	-20,000.00	0.0%	0.00	20,000.00	-20,000.00	0.0%
3303 · Reservoirs	0.00				101.82	60,000.00	-59,898.18	0.17%	101.82	60,000.00	-59,898.18	0.17%
3304 · Engineering, Misc Services	0.00				0.00	30,000.00	-30,000.00	0.0%	0.00	30,000.00	-30,000.00	0.0%
Total 3300 · CONTRACT LABOR	0.00				2,182.06	130,000.00	-127,817.94	1.68%	2,182.06	130,000.00	-127,817.94	1.68%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				4,605.63	65,000.00	-60,394.37	7.09%	4,605.63	65,000.00	-60,394.37	7.09%
3402 · Buildings & Roads	0.00				0.00	15,000.00	-15,000.00	0.0%	0.00	15,000.00	-15,000.00	0.0%
3403 · Reservoirs	0.00				12.45	5,000.00	-4,987.55	0.25%	12.45	5,000.00	-4,987.55	0.25%
Total 3400 · MATERIALS & SUPPLIES	0.00				4,618.08	85,000.00	-80,381.92	5.43%	4,618.08	85,000.00	-80,381.92	5.43%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				210.00	7,000.00	-6,790.00	3.0%	210.00	7,000.00	-6,790.00	3.0%
3502 · Uniforms	0.00				0.00	5,750.00	-5,750.00	0.0%	0.00	5,750.00	-5,750.00	0.0%
3503 · Communications	0.00				347.87	15,800.00	-15,452.13	2.2%	347.87	15,800.00	-15,452.13	2.2%
3504 · USA & Other Services	0.00				971.33	7,250.00	-6,278.67	13.4%	971.33	7,250.00	-6,278.67	13.4%
3505 · Miscellaneous	0.00				293.60	12,000.00	-11,706.40	2.45%	293.60	12,000.00	-11,706.40	2.45%
3506 · Training	0.00				500.00	3,000.00	-2,500.00	16.67%	500.00	3,000.00	-2,500.00	16.67%
Total 3500 · OTHER EXPENSES	0.00				2,322.80	50,800.00	-48,477.20	4.57%	2,322.80	50,800.00	-48,477.20	4.57%
4100 · LABOR - FISHERIES	59,352.45	785,564.00	-726,211.55	7.56%	0.00				59,352.45	785,564.00	-726,211.55	7.56%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	1,891.05	30,000.00	-28,108.95	6.3%	0.00				1,891.05	30,000.00	-28,108.95	6.3%
4280 · Fixed Capital	0.00	90,000.00	-90,000.00	0.0%	0.00				0.00	90,000.00	-90,000.00	0.0%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2022 - June 2023

	Fisheries				Operations				TOTAL			
	Jul 22	Budget	\$ Over / (Under)		Jul 22	Budget	\$ Over / (Under)		Jul 22	Budget	\$ Over / (Under)	
			Budget	% of Budget			Budget	% of Budget			Budget	% of Budget
4290 · Miscellaneous	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
Total 4200 · VEHICLES & EQUIP - FISHERIES	1,891.05	122,500.00	-120,608.95	1.54%	0.00				1,891.05	122,500.00	-120,608.95	1.54%
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	0.00	11,100.00	-11,100.00	0.0%	0.00				0.00	11,100.00	-11,100.00	0.0%
Total 4220 · CONTRACT LABOR - FISHERIES	0.00	14,100.00	-14,100.00	0.0%	0.00				0.00	14,100.00	-14,100.00	0.0%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	0.00	7,000.00	-7,000.00	0.0%	0.00				0.00	7,000.00	-7,000.00	0.0%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	0.00	7,000.00	-7,000.00	0.0%	0.00				0.00	7,000.00	-7,000.00	0.0%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	0.00	5,000.00	-5,000.00	0.0%	0.00				0.00	5,000.00	-5,000.00	0.0%
Total 4500 · OTHER EXPENSES - FISHERIES	0.00	5,000.00	-5,000.00	0.0%	0.00				0.00	5,000.00	-5,000.00	0.0%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				278.20	12,400.00	-12,121.80	2.24%	278.20	12,400.00	-12,121.80	2.24%
5001 · Director Mileage	0.00				0.00	600.00	-600.00	0.0%	0.00	600.00	-600.00	0.0%
5100 · Legal	0.00				0.00	75,000.00	-75,000.00	0.0%	0.00	75,000.00	-75,000.00	0.0%
5101 · Audit	0.00				0.00	22,750.00	-22,750.00	0.0%	0.00	22,750.00	-22,750.00	0.0%
5150 · Unemployment Tax	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
5200 · Liability Insurance	0.00				4,688.05	33,326.00	-28,637.95	14.07%	4,688.05	33,326.00	-28,637.95	14.07%
5310 · Postage/Office Exp	0.00				218.16	6,000.00	-5,781.84	3.64%	218.16	6,000.00	-5,781.84	3.64%
5311 · Office Equip/Leases	0.00				582.66	13,440.00	-12,857.34	4.34%	582.66	13,440.00	-12,857.34	4.34%
5312 · Misc Admin Expenses	0.00				374.01	14,000.00	-13,625.99	2.67%	374.01	14,000.00	-13,625.99	2.67%
5313 · Communications	0.00				709.40	9,500.00	-8,790.60	7.47%	709.40	9,500.00	-8,790.60	7.47%
5314 · Utilities	0.00				-87.37	9,737.00	-9,824.37	-0.9%	-87.37	9,737.00	-9,824.37	-0.9%
5315 · Membership Dues	0.00				148.85	11,450.00	-11,301.15	1.3%	148.85	11,450.00	-11,301.15	1.3%
5316 · Admin Fixed Assets	0.00				0.00	8,000.00	-8,000.00	0.0%	0.00	8,000.00	-8,000.00	0.0%
5318 · Computer Consultant	0.00				1,649.31	25,000.00	-23,350.69	6.6%	1,649.31	25,000.00	-23,350.69	6.6%
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/Conferences	0.00				637.29	2,000.00	-1,362.71	31.87%	637.29	2,000.00	-1,362.71	31.87%
5331 · Public Information	0.00				195.00	3,500.00	-3,305.00	5.57%	195.00	3,500.00	-3,305.00	5.57%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				9,393.56	253,703.00	-244,309.44	3.7%	9,393.56	253,703.00	-244,309.44	3.7%
5299 · ADMIN LABOR	0.00				53,733.56	631,303.00	-577,569.44	8.51%	53,733.56	631,303.00	-577,569.44	8.51%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	0.00	25,000.00	-25,000.00	0.0%	0.00				0.00	25,000.00	-25,000.00	0.0%
5410 · Postage / Office Supplies	85.83	4,000.00	-3,914.17	2.15%	0.00				85.83	4,000.00	-3,914.17	2.15%
5411 · Office Equipment / Leases	313.71	8,533.00	-8,219.29	3.68%	0.00				313.71	8,533.00	-8,219.29	3.68%
5412 · Misc. Admin Expense	201.39	7,500.00	-7,298.61	2.69%	0.00				201.39	7,500.00	-7,298.61	2.69%
5413 · Communications	381.99	4,455.00	-4,073.01	8.57%	0.00				381.99	4,455.00	-4,073.01	8.57%
5414 · Utilities	-47.05	5,243.00	-5,290.05	-0.9%	0.00				-47.05	5,243.00	-5,290.05	-0.9%
5415 · Membership Dues	80.15	7,200.00	-7,119.85	1.11%	0.00				80.15	7,200.00	-7,119.85	1.11%
5416 · Admin Fixed Assets	0.00	3,000.00	-3,000.00	0.0%	0.00				0.00	3,000.00	-3,000.00	0.0%
5418 · Computer Consultant	888.09	15,000.00	-14,111.91	5.92%	0.00				888.09	15,000.00	-14,111.91	5.92%
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	149.80	6,700.00	-6,550.20	2.24%	0.00				149.80	6,700.00	-6,550.20	2.24%
5427 · Director Mileage	0.00	300.00	-300.00	0.0%	0.00				0.00	300.00	-300.00	0.0%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2022 - June 2023

	Fisheries				Operations				TOTAL			
	Jul 22	Budget	\$ Over / (Under)		Jul 22	Budget	\$ Over / (Under)		Jul 22	Budget	\$ Over / (Under)	
			Budget	% of Budget			Budget	% of Budget			Budget	% of Budget
5430 · Travel	2,044.58	2,500.00	-455.42	81.78%	0.00				2,044.58	2,500.00	-455.42	81.78%
5431 · Public Information	105.00	1,500.00	-1,395.00	7.0%	0.00				105.00	1,500.00	-1,395.00	7.0%
5441 · Audit	0.00	12,250.00	-12,250.00	0.0%	0.00				0.00	12,250.00	-12,250.00	0.0%
5443 · Liab & Property Ins	2,524.33	17,745.00	-15,220.67	14.23%	0.00				2,524.33	17,745.00	-15,220.67	14.23%
Total 5400 · GENERAL & ADMIN - FISHERIES	6,727.82	123,426.00	-116,698.18	5.45%	0.00				6,727.82	123,426.00	-116,698.18	5.45%
5499 · ADMIN LABOR-FISHERIES	18,376.30	274,622.00	-256,245.70	6.69%	0.00				18,376.30	274,622.00	-256,245.70	6.69%
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%
6199 · SPECIAL PROJECTS												
6097 · GIS and Mapping	0.00				0.00	10,000.00	-10,000.00	0.0%	0.00	10,000.00	-10,000.00	0.0%
6105 · ROW Management Program	0.00				0.00	20,000.00	-20,000.00	0.0%	0.00	20,000.00	-20,000.00	0.0%
6110 · SCADA Improvements & Support	0.00				674.38	35,000.00	-34,325.62	1.93%	674.38	35,000.00	-34,325.62	1.93%
6115 · COMB Blding Improvemnts & Maint	0.00				480.00	45,000.00	-44,520.00	1.07%	480.00	45,000.00	-44,520.00	1.07%
6138 · Cachuma Watershed Mgmt Study	0.00				0.00	50,000.00	-50,000.00	0.0%	0.00	50,000.00	-50,000.00	0.0%
Total 6199 · SPECIAL PROJECTS	0.00				1,154.38	160,000.00	-158,845.62	0.72%	1,154.38	160,000.00	-158,845.62	0.72%
6000 · INFRASTRUCTURE IMPROVEMENT PROJ												
6096 · SCC Structure Rehabilitation	0.00				0.00	440,000.00	-440,000.00	0.0%	0.00	440,000.00	-440,000.00	0.0%
6120 · Lake Cachuma Secured Pipeline	0.00				2,333.00	4,400,000.00	-4,397,667.00	0.05%	2,333.00	4,400,000.00	-4,397,667.00	0.05%
6136 · SCC Isolation Valve Evaluation	0.00				0.00	500,000.00	-500,000.00	0.0%	0.00	500,000.00	-500,000.00	0.0%
6137 · SCC Lower Reach Lateral Structu	0.00				0.00	550,000.00	-550,000.00	0.0%	0.00	550,000.00	-550,000.00	0.0%
Total 6000 · INFRASTRUCTURE IMPROVEMENT PROJ	0.00				2,333.00	5,890,000.00	-5,887,667.00	0.04%	2,333.00	5,890,000.00	-5,887,667.00	0.04%
6200 · PROGRAM SUPPORT SERVICES												
6201 · FMP Implementation	0.00	42,000.00	-42,000.00	0.0%	0.00				0.00	42,000.00	-42,000.00	0.0%
6202 · GIS and Mapping	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
6205 · USGS Stream Gauge Program	0.00	105,000.00	-105,000.00	0.0%	0.00				0.00	105,000.00	-105,000.00	0.0%
Total 6200 · PROGRAM SUPPORT SERVICES	0.00	157,000.00	-157,000.00	0.0%	0.00				0.00	157,000.00	-157,000.00	0.0%
6300 · HABITAT IMPROVEMENT PROJECTS												
6207 · Oak Tree Restoration Program	97.36	18,000.00	-17,902.64	0.54%	0.00				97.36	18,000.00	-17,902.64	0.54%
6303 · Tributary Projects Support	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
Total 6300 · HABITAT IMPROVEMENT PROJECTS	97.36	28,000.00	-27,902.64	0.35%	0.00				97.36	28,000.00	-27,902.64	0.35%
Total Expense	\$ 86,444.98	\$ 1,517,212.00	\$ (1,430,767.02)	5.7%	\$ 159,893.12	\$ 8,501,331.00	\$ (8,341,437.88)	1.88%	\$ 246,338.10	\$ 10,018,543.00	\$ (9,772,204.90)	2.46%
Net Income	\$ 282,704.02	\$ -	\$ 282,704.02	100.0%	\$ 1,882,060.88	\$ -	\$ 1,882,060.88	100.0%	\$ 2,164,764.90	\$ -	\$ 2,164,764.90	100.0%

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 22, 2022
Submitted by:	Janet Gingras

SUBJECT: Investment Report – July 31, 2022

RECOMMENDATION

The Board of Directors receive and file the Cachuma Operation & Maintenance Board Investment Report as of July 31, 2022.

DISCUSSION

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

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

Unrestricted Cash

Unrestricted cash exceeding current operating needs is invested in LAIF to generate interest income. The average effective yield rate, as of July 2022, is reported at 1.09%.

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

Table 1			
Unrestricted Reserve Funds			
Local Agency Investment Fund (LAIF)			
Previous Balance	6/30/2022	\$	1,592,561.33
(+) Deposits/Credits			2,152.92
(-) Checks/Withdrawals			(450,000.00)
Statement Balance	7/31/2022	\$	1,144,714.25

Restricted Cash

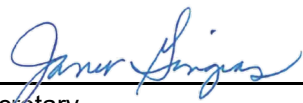
The Cachuma Project Warren Act Trust Fund (Trust Fund) and Cachuma Project Master Contract Renewal Fund (Renewal Fund) are two separate funds that have been established through contracts with the U.S. Bureau of Reclamation (Reclamation). The Trust Fund and the Renewal Fund require annual and five-year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

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

Table 2			
Restricted Reserve Funds			
American Riviera Bank			
Renewal Account			
Previous Balance	6/30/2022	\$	55,285.20
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	7/31/2022	\$	55,285.20
American Riviera Bank			
Warren Act Trust Fund			
Previous Balance	6/30/2022	\$	220,681.72
(+) Deposits/Credits			92,321.00
(-) Checks/Withdrawals			-
Statement Balance	7/31/2022	\$	313,002.72

STATEMENT

The above statement of investment activity for the month of July 2022, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank and LAIF investments of this agency for the period indicated.



 Secretary

Cachuma Operation & Maintenance Board

Paid Claims

As of July 31, 2022

Date	Num	Name	Memo	Amount
1050 - General Fund				
07/06/2022	29446	City of Santa-Barbara	Trash & Recycling June 2022	-326.22
07/06/2022	29447	Cox Communications Santa Barbara	Business Internet July 2022	-195.44
07/06/2022	29448	ECHO Communications	Message Service July 2022	-78.00
07/06/2022	29449	Federal Express	Shipping (Ops)	-147.77
07/06/2022	29450	Flowers & Associates, Inc.	Ortega Reservoir Outlet Pipeline Emergency Repair - Engineering Services	-1,934.50
07/06/2022	29451	FP Mailing Solutions	Postage Meter Rental (Ops & Fisheries)	-195.75
07/06/2022	29452	Frontier Communications	Phone Service - Main Office Land Lines	-99.05
07/06/2022	29453	Frontier Communications	Phone Service - North Portal	-62.51
07/06/2022	29454	Home Depot Credit Services	Supplies (Ops)	-157.00
07/06/2022	29455	ID Works	Uniform - Logo Embroidery	-971.14
07/06/2022	29456	Kristen Sneddon	Director Meeting Fees June 2022	-150.00
07/06/2022	29457	Lauren W. Hanson	Director Meeting Fees June 2022	-300.00
07/06/2022	29458	Musick, Peeler & Garrett LLP	General Counsel May 2022 (Ops & Fisheries)	-11,040.00
07/06/2022	29459	Pacific Coast Jiffy Lube	2015 Chevy Silverado 1500 - Oil Change (Ops)	-146.46
07/06/2022	29460	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 6/10/22 & 6/24/22	-220.40
07/06/2022	29461	Polly Holcombe	Director Meeting Fees June 2022	-256.00
07/06/2022	29462	R.A. Atmore & Sons, Inc	Glen Annie Weed Abatement	-14,715.00
07/06/2022	29463	Rayne of Santa Barbara Inc	July RO Rental	-32.00
07/06/2022	29464	Southern California Edison	Electricity - Main Office & Outlying Stations	-1,386.36
07/06/2022	29465	Specialty Tool, LTD	Supplies (Ops)	-96.64
07/06/2022	29466	Staples Business Credit	Office Supplies (Ops & Fisheries)	-88.41
07/06/2022	29467	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-176.65
07/06/2022	29468	WEX Fleet Universal	Fleet Fuel July 2022	-3,252.37
07/06/2022	29469	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance June 2022	-480.00
07/11/2022	29470	ACWA-Joint Powers Insurance Authority	Workers Compensation Program 4/1/22 - 6/30/22	-10,589.16
07/11/2022	29471	Aspect Engineering Group	SCADA Upgrade - Professional Services	-11,199.24
07/11/2022	29472	Association of Ca Water Agencies/JPIA	August 2022 Health Benefits Premium	-28,507.16
07/11/2022	29473	AT&T	Long Distance Service 5/28-6/27/22	-36.68
07/11/2022	29474	Coastal Copy, LP	Copier Maintenance - Kyocera Taskalfa 3253ci & 6054ci	-237.24
07/11/2022	29475	Premiere Global Services	Conference Calls June 2022	-26.62
07/11/2022	29476	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 6054ci	-303.41
07/19/2022	29477	A-OK Power Equipment-SB	Brush Cutter Mower (Ops)	-969.18
07/19/2022	29478	ACWA/Joint Powers Insurance Authority	Property Program 7/1/22-6/30/23 Deposit Premium	-7,212.38
07/19/2022	29479	ACWA/JPIA	JPIA Leadership - Essentials for the Water Industry Program	-500.00
07/19/2022	29480	Carpinteria Valley Lumber Company	Supplies (Ops)	-60.99
07/19/2022	29482	Farwest Corrosion Control Co.	Annual Cathodic Protection Survey	-3,550.00
07/19/2022	29483	Federal Express	Shipping (Ops)	-160.56
07/19/2022	29484	Grainger	Log Boom Materials	-197.29
07/19/2022	29485	HDR Engineering, Inc.	FMP Implementation & Tributary Support - Engineering Services	-1,427.00
07/19/2022	29486	Impulse Advanced Communications	Phone Service - Main Office	-869.33
07/19/2022	29487	Kadlec Sheet Metal, Inc.	HVAC Service - Six Units	-677.92
07/19/2022	29488	McMaster-Carr Supply Co.	Log Boom Materials	-448.89
07/19/2022	29489	Nutrien Ag Solutions, Inc.	Weed Abatement Supplies (Ops)	-174.29
07/19/2022	29490	Securitas Electronic Security	Security System Monitoring & Installation	-469.00
07/19/2022	29491	Southern California Edison	Electricity - Outlying Stations	-38.04
07/19/2022	29492	Sparkletts	Operations Safety	-73.82
07/19/2022	29493	Turenchalk Network Services, Inc.	Network Support June 2022 (Ops & Fisheries)	-3,048.50
07/19/2022	29494	Verizon Wireless	Cellular Service - Phones, iPads, SCADA Modems & USBs	-728.26
07/20/2022	29495	Cushman Contracting Corp.	EPFP Secured Pipeline Project - Construction Services	-146,832.00
07/20/2022	29496	Elijah Papen	Reimburse ESRI Expense 2022 Conference	-1,267.90
07/26/2022	29497	American Riviera Bank - Card Service	Website, Uniforms, Trail Cameras, Travel, Supplies (Ops & Fisheries)	-3,468.05
07/26/2022	29498	Cushman Contracting Corp.	EPFP Pumping System - Pay Req 99	-3,500.00
07/26/2022	29499	Flowers & Associates, Inc.	La Mirada Isolation Valve Project - Construction Management	-11,695.00
07/26/2022	29500	Flowers & Associates, Inc.	Lake Cachuma EPF Secured Pipeline Project - Construction Management	-6,805.50
07/26/2022	29501	Harrison Hardware	Oak Tree Project - Supplies	-86.50
07/26/2022	29502	J&C Services	Office Cleaning Service - Weekly 6/17/22 - 7/8/22	-680.00
07/26/2022	29503	Musick, Peeler & Garrett LLP	General Counsel June 2022 (Ops & Fisheries)	-8,211.00
07/26/2022	29504	PG&E	Electricity - North Portal & Tecolote Tunnel	-429.23

Cachuma Operation & Maintenance Board

Paid Claims

As of July 31, 2022

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
07/26/2022	29505	United States Geological Survey	USGS Quarterly Joint Funding Agreement 4/1/22 - 6/30/22	-22,565.00
07/26/2022	29506	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 3253ci	-123.98
07/26/2022	29507	Winema Industrial & Safety Supply	Mx4 Ventis Gas Sensors (Ops)	-1,353.39
Total 1050 · General Fund				<u>-315,030.18</u>
TOTAL				<u>-315,030.18</u>

APPROVALS

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 22, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: **Resolution No. 765 – Confirmation of Local Emergency – Ratification of Governor Newsom’s Declared State of Emergency (Health and Safety)**

RECOMMENDATION:

The Board of Directors receive an update on the existing state of emergency and local COVID-19 status and provide direction to staff, as appropriate, including adopting Resolution No. 765 pursuant to the requirements of AB 361, authorizing remote teleconference meetings of the Board of Directors and its Committees pursuant to Government Code Section 54953(e) (Brown Act).

SUMMARY:

On March 4, 2020, Governor Gavin Newsom declared a state of emergency to exist due to the COVID-19 pandemic and its impact on human health and safety. Governor Newsom issued Executive Order N-29-20 which allows local agencies to meet virtually rather than in-person while still complying with state open-meeting laws (e.g., Brown Act), using videoconferencing technology to decrease meeting attendees’ potential exposure to COVID-19. The pandemic still persists and the declared state of emergency remains in place. COMB has met successfully and in compliance with the Brown Act using a commercial videoconferencing platform and providing for public access.

The Executive Order N-29-20 waiver of Brown Act meeting requirements expired on September 30, 2021. Assembly Bill 361 (Open meetings: state and local agencies: teleconferences) was signed into law on September 16, 2021 and, effective October 1, 2021, applies to local agencies intending to meet virtually in the interest of reducing COVID-19 exposure. AB 361 requires public agencies to regularly review and find an ongoing need to hold public meetings by teleconference. Accordingly, COMB must make the following findings by majority vote within 30 days of holding a meeting by teleconference for the first time under AB 361, then every 30 days thereafter. The requirements that allow the board to meet virtually are:

- a) a governor-declared state of emergency is in effect;
- b) a majority of the Board must vote that, as a result of the emergency, meeting in person would present imminent risk to the health or safety of attendees.

The COMB Board of Directors has continued to review and consider the ongoing circumstances of the declared state of emergency since the effective date of Assembly Bill 361 and, based on those circumstances, has authorized and re-authorized the adoption of resolutions acknowledging the emergency conditions for each 30-day period.

To date, Governor Newsom has not rescinded the emergency authorization executive order. He has released a pandemic exit plan called the SMARTER plan. The SMARTER plan is an acronym for Shots, Masks, Awareness, Readiness, Testing, Education, and Rx and focuses on the next phase of the pandemic and learning to live with an endemic. It will continue to emphasize vaccines and boosters as an essential prevention in spreading the disease.

On September 28, 2021, Santa Barbara County Health Officials issued a social distancing recommendation related to the passing of AB 361. On February 16, 2022, Santa Barbara County Health Officials released an extension to continue a social distancing recommendation and continue teleconferencing options for public meetings.

There continues to be a high level of virus transmission in the community. BA.5 is now the dominant strain on the southern West Coast (including California) and the Nation. Over the last 7 days, the weekly average of reported PCR-confirmed cases has decreased by 13.13%. This is an underreporting of cases in Santa Barbara County given increased rapid antigen home testing that is often not reported to the Public Health Department. COVID-19 community levels have increased to **high** in Santa Barbara County according to CDC definitions. The Public Health Department strongly recommends wearing a highly protective mask (KN95 or 95) in public indoor settings.

Last year, in response to the COVID-19 local emergency and global pandemic, staff established operational protocols and implemented business continuity practices to ensure the safety of our employees and the community. These protocols and procedures communicated the serious nature of this pandemic and outlined specific preventative and proactive measures for staff to follow such as heightened hygiene routines and workplace / social distancing practices. In addition, critical essential functions and designation of key personnel were defined with necessary situational actions for continuity of operations.

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

The COMB established protocols continue to be followed and align with the suggested protocols issued by the Santa Barbara County Public Health Department and the Centers for Disease Control (CDC) to protect employees and our community against the risk posed by COVID-19. Alternative work schedules continue to be implemented to increase work space distancing in order to reduce the chance of exposure of COVID-19 among staff members.

LEGAL CONCURRENCE:

Counsel continues to review legislation impacting the return to in-person meetings and will keep staff apprised as matters evolve.

LIST OF EXHIBITS:

- 1) Resolution No. 765

RESOLUTION NO. 765

**A RESOLUTION OF THE GOVERNING BOARD OF THE
CACHUMA OPERATION AND MAINTENANCE BOARD
ACKNOWLEDGING A LOCAL EMERGENCY, ACKNOWLEDGING THE
PROCLAMATION OF A STATE OF EMERGENCY BY GOVERNOR NEWSOM'S
ORDER DATED MARCH 4, 2020 AND RE-AUTHORIZING REMOTE
TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE
CACHUMA OPERATION AND MAINTENANCE BOARD
FOR THE PERIOD AUGUST 22, 2022 SEPTEMBER 22, 2022 PURSUANT TO
BROWN ACT PROVISIONS**

Recitals

WHEREAS, the Cachuma Operation & Maintenance Board (“COMB”) is a joint powers authority and public entity, organized and existing in the County of Santa Barbara in accordance with Government Code Section 6500 *et seq.*, and operating pursuant to the 1996 Amended and Restated Agreement for the Establishment of a Board of Control to Operate and Maintain the Cachuma Project - Cachuma Operation And Maintenance Board, dated May 23, 1996 (“Amended and Restated Agreement”), as amended by an Amendment to the Amended and Restated Agreement made effective September 16, 2003, and a Second Amendment to the Amended and Restated Agreement made effective November 20, 2018 (collectively the “Joint Powers Agreement”); and

WHEREAS, the Member Agencies of COMB are the Goleta Water District, the City of Santa Barbara, the Montecito Water District, and the Carpinteria Valley Water District; and

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

WHEREAS, COMB is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of the COMB Governing Board are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code sections 54950 – 54963)(“Brown Act”), so that any member of the public may attend, participate and watch COMB’s governing body conduct its business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the State caused by conditions as described in Government Code section 8558; and

WHEREAS, it is further required that State or local officials have imposed or recommended measures to promote social distancing, or, the governing body determines that meeting in person would present risks to the health and safety of attendees; and

WHEREAS, on March 4, 2020, Governor Gavin Newsom proclaimed a State of Emergency to exist in California due to the threat of COVID-19; despite sustained efforts, the virus, and its variants, continues to spread and has impacted nearly all sectors of California; and

WHEREAS, as a consequence of the declared emergency, the COMB Governing Board does hereby find that meeting in person would pose risks to the health or safety of attendees; and

WHEREAS, the COMB Governing Board does hereby find that COMB shall continue to conduct its meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, all meeting agendas, meeting dates, times and manner in which the public may participate in the public meetings of COMB and offer public comment by telephone or internet-based services options, including video conference, are posted on the COMB website and physically within COMB's jurisdictional boundaries.

WHEREAS, the COMB Governing Board adopted virtual meeting protocols on April 9, 2020, which includes options for public participation.

NOW, THEREFORE, IT IS HEREBY RESOLVED by the COMB Governing Board, as follows:

1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.
2. Acknowledgment of Governor's Proclamation of a State of Emergency. The Governing Board hereby acknowledges the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.
3. Risks to Health and Safety of Attendees. The Governing Board hereby determines that meeting in person would present risks to the health and safety of attendees.
4. Remote Teleconference Meetings. COMB staff are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

5. Effective Date of Resolution. This Resolution shall take effect on August 22, 2022, and shall be effective until the earlier of (i) September 22, 2022, or such time the Governing Board adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of COMB may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board on August 22, 2022, by the following roll call votes:

AYES:

NAYES:

ABSENT:

ABSTAINED:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 22, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: Financial Review – 4th Quarter Fiscal Year 2021-22

RECOMMENDATION:

The Board of Directors receive a presentation on the 4th Quarter Fiscal Year (FY) 2021-22 Financial Review and receive and file.

DISCUSSION:

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

For FY 2021-22, COMB adjusted the collection of quarterly assessments based on project implementation and projected cash outflows, as follows:

Table 1
COMB Quarterly Budget Assessments FY 2021-22

Q1	Q2	Q3	Q4	Total
\$ 1,271,100	\$ 1,286,741	\$ 1,123,816	\$ 1,257,316	\$ 4,938,973
26%	26%	23%	25%	100%

FISCAL ANALYSIS:

Revenues Collected

- COMB assessed and collected \$1.3M from the COMB Member Agencies in quarterly Operation & Maintenance (O&M) Budget Assessments for the period April – June 2022.
- COMB collected \$18.8K from the Warren Act Trust Fund and Renewal Fund for Fisheries and Oak Tree Program related expenses.
- COMB collected \$15k from a non-member agency as reimbursement for Cachuma Project 2000 Biological Opinion (BiOp) and Oak Tree Mitigation activities performed during April - June 2022.
- COMB collected \$1.3K in interest income for funds held with LAIF.

General and Administrative (Combined)

- General and Administrative Expenses include costs for support of all administrative functions of COMB such as: Director fees, legal expenditures, general liability and property insurance, audit fees, temporary/contract labor, utilities, IT and communications, postage and office supplies, training, education, subscriptions and miscellaneous expenses. Costs are generally allocated between Operations (65%) and Fisheries Division (35%). Annual expenses of \$279.3K (78.9%) were within budget.
- General and Administrative Labor includes salaries, employer-paid payroll taxes, health insurance and retirement benefit costs for the COMB General Manager and Administrative staff. General and Administrative Labor expenses totaled \$778.7K (88.6%) for FY 2021-22 and were within budget.

Operations Division

- Operations Labor includes salaries, employer-paid payroll taxes, health insurance and retirement benefit costs. Actual personnel costs of \$855.7K (83.6%) were under budget due to staff vacancies during the fiscal year.
- Vehicles & Equipment includes funds for the purchase of fixed capital, equipment rental, vehicle and equipment maintenance, and fuel costs. Annual costs of \$111.1K (96.6%) were within budget. During the fourth quarter, COMB purchased a new fleet vehicle for \$74.9k which was offset from the sale proceeds of a decommissioned vehicle for \$16.6K.
- Contract Labor contains funds for outside services and labor that cannot be supported by COMB staff such as water quality sampling, elevator maintenance or repair, tree trimming and removal services, heavy equipment and operators' labor costs for various small projects including meter calibration and meter repair. Projects and staff assignments are reviewed closely by the COMB General Manager and Operations Division Manager to control costs in this category. Actual costs of \$146.0K (112.3%) were higher than the annual budget. Notable expenditures in this category include CalPortland Construction re: Highway 192 project (\$44k), Flowers and Associates re: Ortega Reservoir Emergency Repair (\$22.5K), COMB Building Replacement re: electrical and cabling (\$20k), Rain for Rent re: Carpinteria Reservoir cleaning (\$15.9k), R.A Atmore re: Glen Annie weed abatement (\$14.7k), Eurofins re: water quality sampling (\$14.2k) and Hudson Waterproofing re: COMB deck and accessible ramp resurfacing (\$9.2k).
- Materials and Supplies covers costs related to the operation and maintenance of the conduit, reservoirs, and outlying buildings and roads. Actual costs of \$87.3K (102.7%) were slightly higher than budget. Notable expenses include the purchase of material and supplies for scheduled work and emergency repairs performed in the lower reach of the South Coast Conduit (SCC) (\$61.3K) and lumber and building supplies (\$8.4K) to be used for a new deck and accessible ramp for the COMB building.
- Other Expenses includes utilities, uniforms, hazardous waste disposal, communications (phones at facilities, and cell phones for operations and maintenance), Underground Service Alerts, and employee training and certifications. Actual costs of \$44.5K (92.1%) were within budget.
- Special Projects - Board policy requires that all infrastructure improvement projects be approved through Committee and by the Board prior to commencement. Actual costs for FY 2021-22 totaled \$1.5M (93%). This amount is attributed to the following projects: SCC Isolation Valve Project (\$438.9K), SCC Structure Rehabilitation (\$396.7k), Lake Cachuma Secured Pipeline (\$331.4K), SCADA (\$65.5K), COMB Office Building (\$211.6k), COMB Right of Way Management Program (\$18.9K) and Lake Cachuma Watershed Sanitary Project (\$16.8K). The timing and ranking of projects are dependent on factors such as: (1) water supply reliability, (2) risk, (3) critical need/life cycle of asset, (4) safety, and (5) service disruption necessary to accomplish project.
- **The total Operations Division expenses of \$3.5M (90.1%) for FY 2021-22 were within budget.**

- **The Operations Division expenses by quarter for FY 2021-22 are reflected in Table 2:**

Table 2
Operations Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Actual Apr-Jun	Annual Actual	Annual Budget	Over / (Under) Budget (\$)	% of Budget
Revenue								
Revenue	\$ 921,847	\$ 1,154,474	\$ 875,728	\$ 917,164	\$ 3,869,213	\$ 3,865,221	\$ 3,992	100.1%
Expense								
General and Admin Expenses	\$ 43,003	\$ 73,960	\$ 36,560	40,108	193,631	237,453	(43,822)	81.5%
General and Admin Labor	\$ 165,875	\$ 132,643	\$ 144,066	108,082	550,666	620,531	(69,865)	88.7%
O&M Labor	\$ 235,575	\$ 205,696	\$ 220,877	193,565	855,714	1,023,887	(168,173)	83.6%
O&M Vehicle & Equip	\$ 8,882	\$ 12,113	\$ 6,306	83,767	111,068	115,000	(3,932)	96.6%
O&M Contract Labor	\$ 11,751	\$ 7,408	\$ 104,910	21,951	146,020	130,000	16,020	112.3%
O&M Material and Supplies	\$ 27,856	\$ 45,923	\$ 9,683	3,858	87,320	85,000	2,320	102.7%
O&M Other Expenses	\$ 7,735	\$ 10,115	\$ 8,380	18,233	44,463	48,300	(3,837)	92.1%
O&M Special Projects	\$ 140,464	\$ 112,326	\$ 261,564	980,193	1,494,546	1,605,050	(110,504)	93.1%
Total Expense	\$ 641,141	\$ 600,183	\$ 792,345	\$ 1,449,758	\$ 3,483,428	\$ 3,865,221	\$ (381,793)	90.1%
Net Surplus / (Deficit)	\$ 280,706	\$ 554,290	\$ 83,383	\$ (532,594)	\$ 385,785	\$ -	\$ 385,785	

Note: Results are unaudited and subject to change.

Fisheries Division

- **Fisheries Division Labor** includes salaries, employer-paid payroll taxes, health insurance and retirement benefit costs for the Fisheries Division Manager, two Senior Field Biologists, a Biologist Aide position, and four part-time seasonal positions. Annual personnel costs of \$689.2K (91.2%) were within budget.
- **Vehicles & Equipment** includes funds for the purchase of fixed capital, equipment rental, vehicle and equipment maintenance, and fuel costs. Actual costs of \$76.4K (92.6%) were within budget.
- **Contract Labor** contains funds for outside services/labor to support equipment calibration on flow meters, and funds for technical assistance corresponding to the operation, maintenance and performance review of completed fish passage projects. Actual costs of \$8.5K (44.7%) were lower than budget. Projected consultant services are reviewed by the COMB General Manager and Fisheries Division Manager to control costs in this category.
- **Materials and Supplies** includes costs for the purchase of items needed for the Fisheries Monitoring Program specifically for migration, spawning and over-summering, constructing and repairing fish migration traps and the equipment necessary to conduct snorkel and redds surveys. Actual costs of \$5.1K (72.9%) were within budget.
- **Other Expenses** includes funds to pay for uniforms and gear for the fisheries division employees. Actual costs of \$4.2K (121.2%) were higher than budget. Notable expenses include the purchase of dry suits and boots for staff (\$2.7K) and new staff uniforms (\$1k).
- **Fisheries Activities** includes funding for special activities related to ongoing BiOp compliance efforts, the implementation of the Lower Santa Ynez River Fisheries Monitoring Program (FMP), GIS mapping, USGS Stream Gauge Program and the Oak Tree Restoration Program. The use of external consultants and the timing of expenditures can vary year-to-year based on specific program needs or as particular stream or habitat issues arise. Actual costs of \$128.5K (73.5%) were within budget
- **Fisheries Habitat Improvement** – Actual costs of \$1.2K (12.9%) were within budget and mainly attributed to tributary support performed by an outside consulting firm (HDR Engineering).
- **The total Fisheries Division expenses \$1.2M (86.0%) for FY 2021-22 were within budget.**

- **The Fisheries Division expenses by quarter for FY 2021-22 are reflected in Table 3 below:**

Table 3
Fisheries Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Actual Apr-Jun	Annual Actual	Annual Budget	Over/(Under) Budget (\$)	% of Budget
Revenue								
Revenue	\$ 349,764	\$ 335,654	\$ 363,540	\$ 390,355	\$ 1,439,313	\$ 1,427,013	\$ 12,300	100.9%
Expense								
General and Admin Expenses	16,168	38,036	17,831	13,673	85,707	116,426	(30,719)	73.6%
General and Admin Labor	65,109	53,723	61,124	48,116	228,072	258,029	(29,957)	88.4%
Fisheries Labor	186,694	161,104	187,743	153,684	689,225	755,458	(66,233)	91.2%
Fisheries Vehicle & Equip	5,999	7,730	40,683	21,947	76,358	82,500	(6,142)	92.6%
Fisheries Contract Labor	-	5,184	892	2,464	8,540	19,100	(10,560)	44.7%
Fisheries Material and Supplies	1,650	373	111	2,966	5,100	7,000	(1,900)	72.9%
Fisheries Other Expenses	1,789	1,177	770	506	4,242	3,500	742	121.2%
Fisheries Activities	22,020	12,364	29,801	64,366	128,552	175,000	(46,448)	73.5%
Fisheries Habitat Enhancement	-	-	-	1,287	1,287	10,000	(8,713)	12.9%
Total Expense	\$ 299,429	\$ 279,690	\$ 338,954	\$ 309,009	\$ 1,227,082	\$ 1,427,013	\$ (199,931)	86.0%
Net Surplus / (Deficit)	\$ 50,335	\$ 55,964	\$ 24,587	\$ 81,345	\$ 212,231	\$ -	\$ 212,231	

Note: Results are unaudited and subject to change.

Restricted Funds and Obligations

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

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

During calendar year 2021, COMB collected \$118,293 from CCWA for SWP deliveries that occurred within that year. These funds will be reviewed at the annual the annual Cachuma Project Warren Act Trust Fund and Renewal Fund for use in FY 2022-23.

- **Renewal Funds (Restricted Fund)** - The Renewal Fund is a requirement of the 1995 Renewal Master Contract (Contract No. I75r-1802R between the United States and Santa Barbara County Water Agency) entered into for water conveyance from the Cachuma Project to the five Cachuma Project Member Units. The Member Units are the Carpinteria Valley Water District, the Goleta Water District, the Montecito Water District, the City of Santa Barbara, and the Santa Ynez River Water Conservation District, Improvement District No. 1 (ID No. 1).

The Renewal Master Contract requires the payment of \$10 per acre-foot of water made available by the Cachuma Project. The Renewal Fund itself is capped at \$257,100, which is related to the current annual operational yield of 25,714 AF. The amount of the Renewal Fund Obligation for WY 2021-22 was approved at the annual Cachuma Project Warren Act Trust Fund and Renewal Fund meeting in June 2021.

On September 24, 2021, Michael Jackson, SCCAO Area Manager (U.S. Bureau of Reclamation) provided notice of the WY 2021-22 allocation for the Cachuma Project to be set at 70% of the maximum contract total, or 18,000 acre-feet.

As a result of the reduced allocation for WY 2021-22, the aggregate amount to be deposited into the Renewal Fund was revised based on Sub Article 27 (e)(2) of the Renewal Master Contract, as follows:

\$10 x Acre-Foot of Project Water Scheduled for Delivery, or

$$\$10 \times (25,714 \text{ AF} \times 70\%) = \$179,998$$

These funds are available for use in FY 2021-22. Reclamation has not yet determined the water allocation for WY 2022-23 which could possibly impact the calculation of the FY 2022-23 Renewal Fund obligation.

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

The fifteen percent obligation under the Bradbury SOD contract is \$7,605,739 and is to be repaid by annual payments over a 50-year period. COMB's payment obligation for FY 2021-22 is \$261,647. COMB assesses the Cachuma Project Member Units in accordance with their respective Cachuma Project entitlement percentages.

The fifteen percent obligation under the Lauro SOD contract is \$1,009,737 and is to be repaid by annual payments over a 50-year period. COMB's payment obligation for FY 2021-22 is \$47,404. COMB assesses the COMB Member Agencies (only) in accordance with each Member Agencies' pro-rata Cachuma Project entitlement percentages.

LIST OF EXHIBITS:

- 1) Fiscal Year 2021-22 Statement of Revenue and Expenditures
- 2) Quarterly Financial Review Presentation

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

	Fisheries				Operations				TOTAL			
	Jul 21-Jun 22	Annual Budget	\$ Over / (Under) Budget	% of Budget	Jul 21-Jun 22	Annual Budget	\$ Over / (Under) Budget	% of Budget	Jul 21-Jun 22	Budget	\$ Over / (Under) Budget	% of Budget
	Revenue											
Revenue	\$ 1,439,313.29	\$ 1,427,013.00	\$ 12,300.29	100.9%	\$ 3,869,212.76	\$ 3,865,221.00	\$ 3,991.76	100.1%	\$ 5,308,526.05	\$ 5,292,234.00	\$ 16,292.05	100.3%
Total Revenue	1,439,313.29	1,427,013.00	12,300.29	100.9%	3,869,212.76	3,865,221.00	3,991.76	100.1%	5,308,526.05	5,292,234.00	16,292.05	100.3%
Expense												
General and Admin Expenses	85,707.33	116,426.00	(30,718.67)	73.6%	193,631.20	237,453.00	(43,821.80)	81.5%	279,338.53	353,879.00	(74,540.47)	78.9%
General and Admin Labor	228,072.00	258,029.00	(29,957.00)	88.4%	550,665.90	620,531.00	(69,865.10)	88.7%	778,737.90	878,560.00	(99,822.10)	88.6%
O&M Labor	-	-	-	-	855,713.70	1,023,887.00	(168,173.30)	83.6%	855,713.70	1,023,887.00	(168,173.30)	83.6%
O&M Vehicle & Equip	-	-	-	-	111,067.77	115,000.00	(3,932.23)	96.6%	111,067.77	115,000.00	(3,932.23)	96.6%
O&M Contract Labor	-	-	-	-	146,020.00	130,000.00	16,020.00	112.3%	146,020.00	130,000.00	16,020.00	112.3%
O&M Material and Supplies	-	-	-	-	87,320.22	85,000.00	2,320.22	102.7%	87,320.22	85,000.00	2,320.22	102.7%
O&M Other Expenses	-	-	-	-	44,462.87	48,300.00	(3,837.13)	92.1%	44,462.87	48,300.00	(3,837.13)	92.1%
O&M Special Projects	-	-	-	-	1,494,546.15	1,605,050.00	(110,503.85)	93.1%	1,494,546.15	1,605,050.00	(110,503.85)	93.1%
Fisheries Labor	689,224.90	755,458.00	(66,233.10)	91.2%	-	-	-	-	689,224.90	755,458.00	(66,233.10)	91.2%
Fisheries Vehicle & Equip	76,358.04	82,500.00	(6,141.96)	92.6%	-	-	-	-	76,358.04	82,500.00	(6,141.96)	92.6%
Fisheries Contract Labor	8,539.97	19,100.00	(10,560.03)	44.7%	-	-	-	-	8,539.97	19,100.00	(10,560.03)	44.7%
Fisheries Material and Supplies	5,099.77	7,000.00	(1,900.23)	72.9%	-	-	-	-	5,099.77	7,000.00	(1,900.23)	72.9%
Fisheries Other Expenses	4,241.64	3,500.00	741.64	121.2%	-	-	-	-	4,241.64	3,500.00	741.64	121.2%
Fisheries Activities	128,551.56	175,000.00	(46,448.44)	73.5%	-	-	-	-	128,551.56	175,000.00	(46,448.44)	73.5%
Fisheries Habitat Enhancement	1,287.00	10,000.00	(8,713.00)	12.9%	-	-	-	-	1,287.00	10,000.00	(8,713.00)	12.9%
Other Interest Expense - EPFP	-	-	-	0.0%	-	-	-	-	-	-	-	0.0%
Total Expense	1,227,082.21	1,427,013.00	(199,930.79)	86.0%	3,483,427.81	3,865,221.00	(381,793.19)	90.1%	4,710,510.02	5,292,234.00	(581,723.98)	89.0%
Surplus / (Deficit) - O&M	\$ 212,231.08	\$ -	\$ 212,231.08		\$ 385,784.95	\$ -	\$ 385,784.95		\$ 598,016.03	\$ -	\$ 598,016.03	
Pass Thru Charges												
EPFP Loan - Assessments	-	-	-	-	38,620.56	-	38,620.56	N/A	38,620.56	-	-	N/A
EPFP Loan - Interest Expense	-	-	-	-	(115.47)	-	(115.47)	N/A	(115.47)	-	-	N/A
Sub Total Pass Thru Charges	\$ -	\$ -	\$ -		\$ 38,505.09	\$ -	\$ 38,505.09	N/A	\$ 38,505.09	\$ -	\$ 38,505.09	N/A
Net Surplus / (Deficit)	\$ 212,231.08	\$ -	\$ 212,231.08		\$ 424,290.04	\$ -	\$ 424,290.04	N/A	\$ 636,521.12	\$ -	\$ 636,521.12	N/A

Note: Results are unaudited and subject to change.

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Cachuma Operation & Maintenance Board

Financial Review – 4th Quarter
Fiscal Year 2021-22



Financial Review

Revenues Collected – 4th Quarter

COMB O&M Budget Assessment (Apr - Jun 2022)	\$ 1,257,315
Warren Act Trust Fund / Renewal Fund Reimbursement	18,748
2000 BiOp and Oak Tree Mitigation Reimbursement	15,000
Interest Income	1,203
Total Revenues	\$ 1,292,266

Financial Review

Operations Division

	Jul - Jun (YTD)	Annual Budget	Over / (Under) Budget (\$)	% of Budget
Revenue				
Revenue	\$ 3,869,213	\$ 3,865,221	\$ 3,992	100.1%
Expense				
General and Admin Expenses	193,631	237,453	(43,822)	81.5%
General and Admin Labor	550,666	620,531	(69,865)	88.7%
O&M Labor	855,714	1,023,887	(168,173)	83.6%
O&M Vehicle & Equip	111,068	115,000	(3,932)	96.6%
O&M Contract Labor	146,020	130,000	16,020	112.3%
O&M Material and Supplies	87,320	85,000	2,320	102.7%
O&M Other Expenses	44,463	48,300	(3,837)	92.1%
O&M Special Projects	1,494,546	1,605,050	(110,504)	93.1%
Total Expense	\$ 3,483,428	\$ 3,865,221	\$ (381,793)	90.1%
Net Surplus / (Deficit)	\$ 385,785	\$ -	\$ 385,785	100.0%

Note: Results are unaudited and subject to change.

Financial Review

Operations Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Actual Apr-Jun	Annual Actual	Annual Budget	Over / (Under) Budget (\$)	% of Budget
Revenue								
Revenue	\$ 921,847	\$ 1,154,474	\$ 875,728	\$ 917,164	\$ 3,869,213	\$ 3,865,221	\$ 3,992	100.1%
Expense								
General and Admin Expense	\$ 43,003	\$ 73,960	\$ 36,560	40,108	193,631	237,453	(43,822)	81.5%
General and Admin Labor	\$ 165,875	\$ 132,643	\$ 144,066	108,082	550,666	620,531	(69,865)	88.7%
O&M Labor	\$ 235,575	\$ 205,696	\$ 220,877	193,565	855,714	1,023,887	(168,173)	83.6%
O&M Vehicle & Equip	\$ 8,882	\$ 12,113	\$ 6,306	83,767	111,068	115,000	(3,932)	96.6%
O&M Contract Labor	\$ 11,751	\$ 7,408	\$ 104,910	21,951	146,020	130,000	16,020	112.3%
O&M Material and Supplies	\$ 27,856	\$ 45,923	\$ 9,683	3,858	87,320	85,000	2,320	102.7%
O&M Other Expenses	\$ 7,735	\$ 10,115	\$ 8,380	18,233	44,463	48,300	(3,837)	92.1%
O&M Special Projects	\$ 140,464	\$ 112,326	\$ 261,564	980,193	1,494,546	1,605,050	(110,504)	93.1%
Total Expense	\$ 641,141	\$ 600,183	\$ 792,345	\$ 1,449,758	\$ 3,483,428	\$ 3,865,221	\$ (381,793)	90.1%
Net Surplus / (Deficit)	\$ 280,706	\$ 554,290	\$ 83,383	\$ (532,594)	\$ 385,785	\$ -	\$ 385,785	

Note: Results are unaudited and subject to change.

Financial Review

Fisheries Division

	Jul-Jun (YTD)	Annual Budget	Over / (Under) Budget (\$)	% of Budget
Revenue				
Revenue	\$ 1,439,313	\$ 1,427,013	\$ 12,300	100.9%
Expense				
General and Admin Expenses	85,707	116,426	(30,719)	73.6%
General and Admin Labor	228,072	258,029	(29,957)	88.4%
Fisheries Labor	689,225	755,458	(66,233)	91.2%
Fisheries Vehicle & Equip	76,358	82,500	(6,142)	92.6%
Fisheries Contract Labor	8,540	19,100	(10,560)	44.7%
Fisheries Material and Supplies	5,100	7,000	(1,900)	72.9%
Fisheries Other Expenses	4,242	3,500	742	121.2%
Fisheries Activities	128,552	175,000	(46,448)	73.5%
Fisheries Habitat Enhancement	1,287	10,000	(8,713)	12.9%
Total Expense	\$ 1,227,082	\$ 1,427,013	\$ (199,931)	86.0%
Net Surplus / (Deficit)	\$ 212,231	\$ -	\$ 212,231	100.0%

Note: Results are unaudited and subject to change.

Financial Review

Fisheries Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Actual Apr-Jun	Annual Actual	Annual Budget	Over/(Under) Budget (\$)	% of Budget
Revenue								
Revenue	\$ 349,764	\$ 335,654	\$ 363,540	\$ 390,355	\$ 1,439,313	\$ 1,427,013	\$ 12,300	100.9%
Expense								
General and Admin Expenses	16,168	38,036	17,831	13,673	85,707	116,426	(30,719)	73.6%
General and Admin Labor	65,109	53,723	61,124	48,116	228,072	258,029	(29,957)	88.4%
Fisheries Labor	186,694	161,104	187,743	153,684	689,225	755,458	(66,233)	91.2%
Fisheries Vehicle & Equip	5,999	7,730	40,683	21,947	76,358	82,500	(6,142)	92.6%
Fisheries Contract Labor	-	5,184	892	2,464	8,540	19,100	(10,560)	44.7%
Fisheries Material and Supplies	1,650	373	111	2,966	5,100	7,000	(1,900)	72.9%
Fisheries Other Expenses	1,789	1,177	770	506	4,242	3,500	742	121.2%
Fisheries Activities	22,020	12,364	29,801	64,366	128,552	175,000	(46,448)	73.5%
Fisheries Habitat Enhancement	-	-	-	1,287	1,287	10,000	(8,713)	12.9%
Total Expense	\$ 299,429	\$ 279,690	\$ 338,954	\$ 309,009	\$ 1,227,082	\$ 1,427,013	\$ (199,931)	86.0%
Net Surplus / (Deficit)	\$ 50,335	\$ 55,964	\$ 24,587	\$ 81,345	\$ 212,231	\$ -	\$ 212,231	

Note: Results are unaudited and subject to change.

Financial Review

Upcoming Deliverables – Administrative Division

- Complete FYE 06/30/22 Annual Financial Audit
- Complete FYE 06/30/22 GASB 74/75 OPEB Valuation
- Coordinate Grant Reimbursement for Secured Pipeline Project
- Prepare for ACWA JPIA Health Insurance Open Enrollment
- Advancement of ACWA JPIA Commitment to Excellence Program

Financial Review

QUESTIONS?



Mission Statement:

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

August 22, 2022

General Manager Report

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

Administration

- **Comprehensive Annual Financial Report (Audit) - Fiscal Year 2020-21**

COMB's Annual Comprehensive Financial Report (ACFR) for fiscal year ending June 30, 2021 was awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association of the United States and Canada (GFOA) (see attached). This was the fifth consecutive year that COMB has received this prestigious award. The Certificate of Achievement is the highest form of recognition for excellence in the state and local government financial reporting. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. The report must satisfy both generally accepted accounting principles and applicable legal requirements. Special recognition is conveyed honoring COMB's Administrative Division staff for their meticulous effort and continued achievements on obtaining this prestigious award.

- **Fiscal Year 2022 – 23 COMB Operating Budget GFOA Distinguished Budget Award**

I am pleased to announce that COMB's FY 2022-23 Operating Budget document has been awarded the Distinguished Budget Presentation Award from the GFOA (see attached). This award is the highest form of recognition in governmental budgeting. This is the third year COMB applied for and achieved this prestigious award. In order to receive the award, COMB had to satisfy nationally recognized guidelines for effective budget preparation. The guidelines are designed to assess how well an entity's budget serves as:

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

The Budget document was reviewed by three independent examiners and subsequently rated “proficient” in all four categories, and in fourteen mandatory criteria within those categories, in order to receive the award. These awards are presented to encourage and assist state and local governments to prepare budget documents of the very highest quality that reflect both the guidelines established by the National Advisory Council on State and Local Budgeting and the GFOA's best practices on budgeting and then to recognize individual governments that succeed in achieving that goal.

- **Cyber Security Liability Program Renewal**

Administrative staff provided a renewal application for COMB's Cyber Security Liability Program offered through the ACWA/JPIA insurance program. Included in the policy is business interruption coverage, cyber extortion, loss of critical operational data and electronic crime coverage, payment card industry costs, and regulatory defense and penalties. COMB's IT consultant, Trenchalk Network Services, reviewed the application for technical accuracy. The renewal policy is forthcoming from ACWA/JPIA.

- **ACWA/JPIA Health Insurance Premiums – Calendar Year 2023**

ACWA/JPIA, COMB's health insurance benefits provider, has announced good news for the calendar year 2023 Employee Benefits renewal package which will affect premiums for current employees and retirees. Most health insurance premium plans will see either a slight increase in rates, or realize a sizable rate reduction. There will also be enhancements to current benefit plan offerings outlined in the near term.

Below is a summary of rate changes across all plans.

- Anthem PPOs: -10%
- Anthem HMOs: +5.4%
- Kaiser: +2.8% (Standard Rates) or -1.3% (Incentive Rates) (new)
- Kaiser Senior Advantage: -11.1%
- UHC Medicare Advantage: +3.1%
- Dental: no change
- Vision: no change
- Life: coverages vary between 0 and -10%
- Short-term disability: no change
- Long-term disability: -10%
- Employee Assistance Program: +4.2%, \$2.48 per employee

While rates for UHC have increased slightly for 2023, the change in the medicare retiree provider (from Anthem to United Healthcare) shows a significant reduction in the Other Post-Employment Benefits (OPEB) measured liability as shown in the actuarial study produced by our consultant, Total Compensation Systems, and currently being reviewed by staff.

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

- **Internal Operating Safety Procedures Update**

Staff has been updating various internal operational safety procedures/protocols to maintain a safe and healthy working environment, free from hazards, for all employees. Outlined below are some of the updated programs.

Injury and Illness Prevention Program (IIPP)

Administrative staff has been working to update the COMB Injury and Illness Prevention Program as suggested by ACWA/JPIA. The updates include a revised code of safe practices, hazard identification and correction, COVID-19 exposure/quarantine guidelines, and COVID-19 supplemental requirements.

Safe Operating Procedures Manual

COMB has developed an internal safe operating procedures manual for employees' use which provides information and guidelines for the safe operation of equipment and vehicles, using personal protective equipment, electrical safety, fire safety, confined space, creek, stream and lake hazards, and standard office equipment protocols.

Heat Illness Prevention Program

COMB's Heat Illness and Prevention program has been updated to follow OSHA recommended guidelines and standards. Staff is in the midst of replacing safety kits in each fleet vehicle along with providing appropriate shade protection canopies and water coolers for the trucks.

Workers' Compensation Program

COMB's experience modification for the workers compensation program has dropped to 0.73, which means the base premium is reduced by 27 percent.

Liability Program

COMB's Experience Modification (E-Mod) for our liability program is currently at 0.84. With no recent losses, COMB has maintained an excellent E-Mod.

General Manager Report
August 22, 2022

- **Electronic Scanning Project**

The Administrative staff has been focused on preserving hard copy documents into an electronic database for business organization, continuity and longevity purposes. The scanning project was initiated after the mobile office transition and will be a valuable asset to our document preservation system once completed.

Respectfully submitted,

Janet Gingras

General Manager



GOVERNMENT FINANCE OFFICERS ASSOCIATION
NEWS RELEASE

FOR IMMEDIATE RELEASE

8/18/2022

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

(Chicago, Illinois)—Government Finance Officers Association of the United States and Canada (GFOA) has awarded the Certificate of Achievement for Excellence in Financial Reporting to **Cachuma Operation and Maintenance Board** for its annual comprehensive financial report for the fiscal year ended June 30, 2021. The report has been judged by an impartial panel to meet the high standards of the program, which includes demonstrating a constructive "spirit of full disclosure" to clearly communicate its financial story and motivate potential users and user groups to read the report.

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

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



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**Cachuma Operation and Maintenance Board
California**

For its Annual Comprehensive
Financial Report
For the Fiscal Year Ended

June 30, 2021

Christopher P. Morill

Executive Director/CEO

FOR IMMEDIATE RELEASE

August 16, 2022

For more information, contact:

Technical Services Center

Phone: (312) 977-9700

Fax: (312) 977-4806

E-mail: budgetawards@gfoa.org

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

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

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

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

When a Distinguished Budget Presentation Award is granted to an entity, a Certificate of Recognition for Budget Presentation is also presented to the individual(s) or department designated as being primarily responsible for having achieved the award. This has been presented to **Finance Department**.

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

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



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Cachuma Operation and Maintenance Board
California**

For the Fiscal Year Beginning

July 01, 2022

Christopher P. Morill

Executive Director



**The Government Finance Officers Association
of the United States and Canada**

presents this

CERTIFICATE OF RECOGNITION FOR BUDGET PREPARATION

to

**Finance Department
Cachuma Operation and Maintenance Board, California**



The Certificate of Recognition for Budget Preparation is presented by the Government Finance Officers Association to those individuals who have been instrumental in their government unit achieving a Distinguished Budget Presentation Award. The Distinguished Budget Presentation Award, which is the highest award in governmental budgeting, is presented to those government units whose budgets are judged to adhere to program standards

Executive Director

Christopher P. Morill

Date: **August 16, 2022**

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: August 22, 2022
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 AND WATER QUALITY

The rainfall to date is 64 percent of normal (as of August 15th, 2022). Most of Santa Barbara County continues to be classified in extreme drought. National Weather Climate Prediction Center forecasts La Niña is favored to continue through 2022 with the majority of models transitioning to neutral conditions in January to March 2023. Santa Barbara County Fire measurements of live fuel moisture levels average 58 percent (as of 7-28-22) which is below the critical fire threshold of 60 percent.

LAKE ELEVATION PROJECTION

The elevation at Lake Cachuma is currently at 703.47" (39.8% capacity, 77,832 AF). The lake elevation is below the upper limit for the Secured Pipeline (710") installation. Table 1 provides the modeling assumptions for three modeling scenarios (optimistic, realistic, and conservative). Figure 1 provides the lake elevation projection if dry conditions continue for the remainder of the water year and for water year 2022-23. Santa Ynez River Water Conservation District has provided a preliminary schedule for a downstream water rights release of 8,000 to 12,000 AF starting in mid-August and continuing three to four months. This schedule is not yet finalized and is subject to change, including no release. In the conservative scenario the installation of the pumping facility would need to be approved by the Board in February 2023 for operation in July 2023. In the realistic scenario, the Board would need to approve the installation in March 2023 for operation in early September 2023. The contractor needs 120 days to install the pumping facility per the existing contract.

Figure 2 provides the projected lake elevation with a repeat in hydrology from 2000 to 2020. With a repeat of the past 21 years of hydrology, in three years (2001, 2005, 2011) the lake could spill (14% chance). In ten of the 21 years the lake levels remain low and the pumping facility would be needed in 2023 (48% chance).

COMB continues to track the trends in pan evaporation measurements at Lake Cachuma. Thus far the 2022 evaporation rates are trending with the historical median.

WATERSHED MANAGEMENT

In 2020, COMB completed a Lake Cachuma Water Quality and Sediment Management Study. One of the potential recommended actions was the development of a watershed management plan. Much of the watershed area above Lake Cachuma is public land within the Los Padres National Forest. The watershed management plan action recommended that water agencies should encourage strategic management of the forest with road maintenance, fuel break maintenance, and prescribed burns to prevent future large-scale wildfire impacts on water quality. Los Padres National Forest is currently developing an Ecological Restoration Project designed to restore fire-adapted ecosystems, reduce fuels, and reintroduce fire on the landscape by prescribed burning. This will provide resilience of vegetation to wildfires. It includes Forest Health Treatments and Fuel Reduction Treatments. COMB staff plans to reach out to the Los Padres National Forest Service to provide technical support to the project with respect to the benefits it may have on the future water quality of Lake Cachuma.

Table 1. Modeling Scenario Assumptions

Parameter	Optimistic	Realistic	Conservative
SCC Exports	80% Forecast	Forecast	120% of Forecast
CCWA Inflow	120% Forecast	Forecast	80% of Forecast
WR 89-18 Release (2022)	8,000 AF	10,000 AF	12,000 AF
WR 89-18 Release (2023)	10,000 AF	10,000 AF	10,000 AF

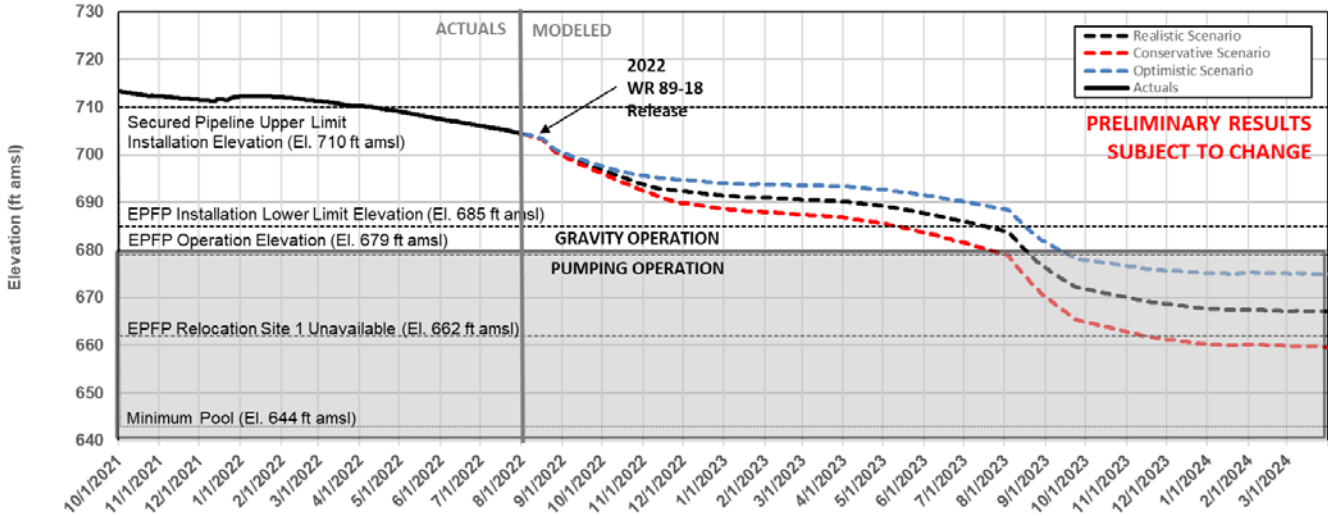


Figure 1. Projected Lake Cachuma Elevation assuming Continued Dry Conditions

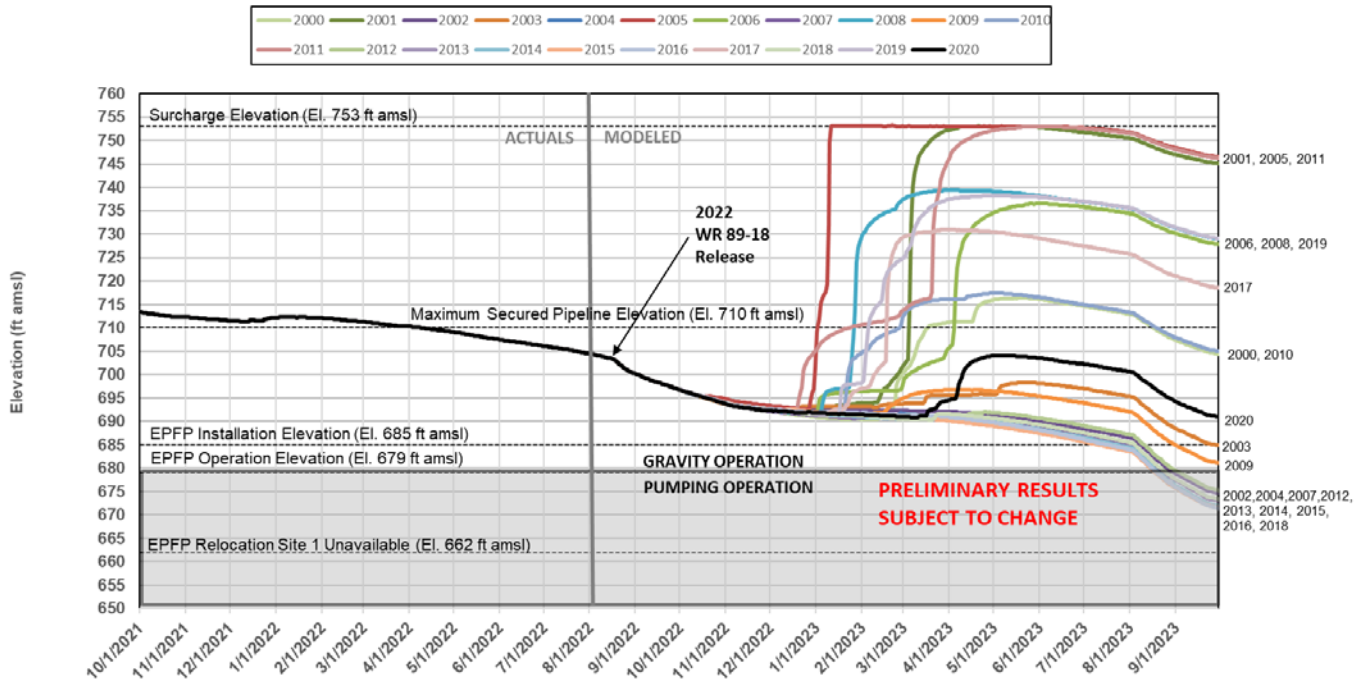


Figure 2. Projected Lake Cachuma Elevation assuming a repeat in hydrology from 2000 to 2020

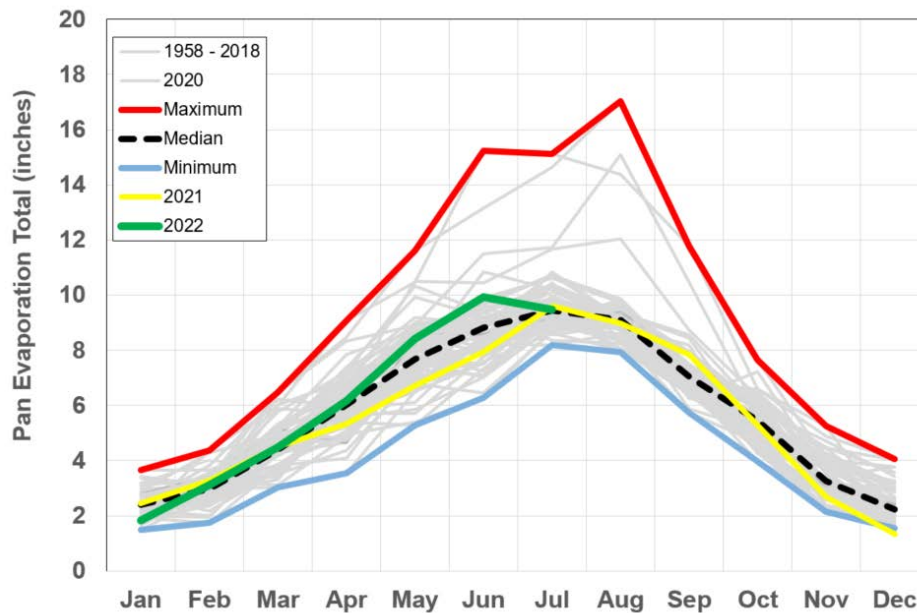


Figure 3. Lake Cachuma Historical Pan Evaporation Rates

INFRASTRUCTURE IMPROVEMENT PROJECTS

Table 1 provides the status of Fiscal Year 2022-23 infrastructure improvement and special projects.

Table 1. Fiscal Year 2022-2023 Infrastructure Improvement Projects

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
Infrastructure Improvement Projects			
SCC Line Valves for Shutdown	COMB has completed Phase 1 work and CVWD is in progress on Phase 1 lateral work as part of the cooperative agreement. Once CVWD completes Phase 1, Phase 2 for COMB (Lillingston valve) will be brought to the COMB Board to review.	Additional line valve(s) are needed in Carpinteria to facilitate shutdown work. A Cooperative Agreement between CVWD and COMB has been approved by COMB and CVWD to facilitate the work.	January to April 2023
SCC Structure Rehabilitation : Lower Reach Laterals	CVWD contractor successfully completed rehabilitated Laterals 1R,1L, 2R, 3L,4L in August. Laterals 5R and 6R will be completed as part of the SCC shutdown for the AVAR-BO project.	In order to facilitate shutdowns on the Lower Reach of the SCC, lateral valves need replacement. COMB is collaborating with CVWD on this project.	CVWD construction on Phase 1 will likely be completed in November 2022.
SCC Structure Rehabilitation : AVAR/BO Valves	The shutdown is tentatively scheduled for November 2023. Timing may need adjustment depending on parts for CVWD to temporary bypass to the laterals during the proposed shutdown.	The remaining structures to be rehabilitated are the most difficult access-wise (with several in Highway 192) and with difficult shutdowns to schedule in the Carpinteria area.	Shutdown and construction is planned for mid-November 2022.
Special Projects			
Emergency Pumping Facility - Secured Pipeline Project	A Notice to Proceed has been issued for the contractor. Contractor is provided submittals for long-lead item materials and procuring those materials. In lake construction is tentatively planned to start in October.	The Secured Pipeline Project needs to be installed when the lake is between 690' and 710' in elevation. The lake elevation is projected to remain above 685' until Spring 2023. Installation of the EPF (floating pump station) is needed when the elevation is projected to fall below 685'.	Secured Pipeline is planned for construction from October 2022 to February 2023. The Emergency Pumping Facility would need to be installed approved for installation in March/April timeframe for operation in July/August if dry conditions continue in Water Year 2023.
Lake Cachuma Water Quality and Sediment Management Study	COMB staff plans to release the RFP for the for the Phase 2 phosphorous/TOC source study in August 2022.	Additional sampling is needed to better understand nutrient and total organic sources prior to determining if additional larger actions at the lake would make sense from a cost-benefit stand point.	A focused phosphorous and TOC sourcing study by COMB is planned for FY 2022/2023.

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CACHUMA OPERATION AND MAINTENANCE BOARD

DATE: August 22, 2022
TO: Janet Gingras, General Manager
FROM: Shane King, Operations Supervisor
RE: **MONTHLY REPORT OF OPERATIONS – July 2022**

The total flow from Lake Cachuma into the Tecolote Tunnel for July was 1,899.0 acre-feet, for an average daily flow of 61.26 acre-feet. Lake elevation was 706.08 feet at the beginning of July and 704.49 feet at the end of July. Lake storage decreased by 2,798 acre-feet. There was 579.7 acre-feet of inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 343.84 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 48.8 acre-feet of water to Hilton Creek for the month of July.

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

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

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

Routine operation and maintenance completed during the month of July were as follows:

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

Ongoing Monthly Operations Items:

- Conducted several flow changes at the North Portal during the month
- Reviewed several projects for conflicts within the SCC right of way
- Received and responded to 70 USA Dig alerts
- Performed weekly inspections of major facilities, safety meetings, rodent bait (all reservoirs), toe drain and piezometer reads at Ortega (L23)
- Performed dam inspection and instrumentation reports (all reservoirs)
- Performed equipment and yard maintenance
- Performed monthly North Portal elevator maintenance with Otis
- Performed monthly water quality sampling
- Read anodes and rectifier data

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

- The intake tower slide gates were greased and exercised.
- The fish screens on the Cachuma lake intake tower were cleaned and inspected. (see photos)
- The insertion style turbidity meter monitoring NTU levels from Cachuma Lake was pulled and cleaned. This monitoring device is located on the north portal Tecolote tunnel inflow bypass line.
- COMB contracted Quinn power systems to conduct the annual backup generator load testing and maintenance at Lauro yard and the North Portal.
- Quarterly calibrations were completed by Emerson process management, these meters include: Lauro inflow meter, North Portal Tecolote tunnel inflow meter, Sheffield south flow meter, and Ortega reservoir effluent meter.
- Staff removed vegetation from the Ortega reservoir dam face. Removal of all woody brush vegetation on all of COMB's reservoir dams is a requirement by the Bureau of reclamation.
- The Bureau of reclamation completed their annual security equipment inspection and facility security assessment of COMB's dams and sites.
- COMB purchased two cellular game cameras and staff installed them at the Lauro reservoir dam crest to monitor after hour's activity. Signs stating that there is 24 hour video surveillance were also installed along the fence line of the reservoir. These cameras and signs were installed to prevent trespassing into the Lauro reservoir facility. (see photos)
- Staff assisted and monitored Tierra construction work at lateral 1R, lateral 3, and lateral 4. This lateral rehabilitation project includes the removal of the old valves, air vents, and piping and replacing with new. The air vents for these laterals have been rebuilt above ground as to follow new California department of drinking water guidelines. (see photos)
- COMB staff continues to work through the annual structure maintenance program. Staff is currently working on the lower section of the SCC (Lauro reservoir to Carpinteria reservoir). This work includes visiting each air vent, blow off, lateral, and meter structures and performing annual maintenance. Staff has visited ~25 structures this month. Work completed at these structures include:
 - Pump out any water that may have accumulated since last visit
 - Remove any debris/dirt
 - Re-paint confined space signage as needed
 - Re-paint station number as needed
 - Exercise valves and AVAR's
 - Clear any vegetation from around structure
 - Document any assets that may need replacement/repairs

Construction photos of Lateral 1R



Lauro Reservoir Camera Installation



Intake Tower Fish Screen Cleaning



CACHUMA OPERATION AND MAINTENANCE BOARD
BOARD MEMORANDUM

DATE: August 22, 2022
TO: Janet Gingras, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- USBR is delivering 2000 Biological Opinion (BiOp) target flows to Hilton Creek partly by gravity through the Hilton Creek Emergency Backup System (HCEBS) and partly by pumped flow from the Hilton Creek Watering System (HCWS) to the Lower Release Point (LRP) and Upper Release Point (URP), respectively, which is sustaining the *O. mykiss* population in the creek. Currently, the lake is too low for gravity flow delivery through the HCWS. BiOp compliance releases to Hilton Creek are a minimum of 2 cfs. USBR was delivering less than 2 cfs prior to 8/4/22 then 2 cfs or more from that date forward. There was an interruption of flow to the creek due to a PG&E unplanned power outage on 8/2/22 that lasted a couple of hours. USBR and NMFS have been in close communication regarding all events on the creek over the last month.
- The 2000 BiOp and Order WR 2019-0148 target flows to the Hwy 154 Bridge (2.5 cfs) are being met by USBR for the current lake level through releases from Hilton Creek, the Outlet Works, and spillway to the Lower Santa Ynez River (LSYR) mainstem.
- The 2022 WR 89-18 release started on 8/8/22 with a slow ramp up to the maximum release rate as of 8/18/22 of approximately 160 cfs. This maximum release rate is expected to continue for several days until releases are ramped down to an equilibrium flow that will continue well into the fall. The release is projected to end sometime in November.

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

LSYR Steelhead Monitoring Elements:

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

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

lake-turnover. Due to the drought and the need to carefully monitor Lake Cachuma, lake profiles are being taken monthly throughout the year and are reported in the Annual Monitoring Summary.

Snorkel surveys: Snorkel surveys for *O. mykiss* and non-native fish in the LSYS mainstem and tributaries are conducted two times a year (Spring and Fall). The Spring Snorkel Survey has been completed. The results are presented in the annual monitoring report.

Monitoring Target Flows: Monitoring for the required 2000 BiOp and WR 2019-0148 target flows are conducted by USGS and USBR for Hilton Creek, and COMB-FD and USBR for the LSYS at the Hwy 154 Bridge. The minimum target flow of 2 cfs to Hilton Creek was not being met with HCEBS gravity flow to the URP and LRP (approximately 0.75 cfs) up until 8/2/22 when the HCWS pump was activated and 2 cfs or more was being discharged to the creek. Although USBR was reluctant to run any level of pumps to deliver water to the creek given past operational issues and recent power outages at Bradbury Dam, USBR felt they had no choice given the up and coming 2022 WR 89-18 releases that would rapidly reduce the potential for gravity flow. USBR has discussed the situation with NMFS when it initially occurred and as the situation has evolved.

Documenting compliance in meeting target flows at the Hwy 154 Bridge (2.5 cfs) cannot be done at that specific location due to the channel configuration and landowner access limitations. USBR established a low-flow river discharge monitoring location approximately 1 mile downstream of the Hwy 154 Bridge where access is available. USBR has been taking a discharge measurement approximately once a month and the COMB-FD staff are taking a discharge measurement once a week; we also maintain a pressure transducer at that location to record river stage every 15 minutes. This is part of a compliance measure within WR 2019-0148, specifically the Plan required in Term 18 and Term 25. The objective is to maintain a river discharge at that monitoring location of 2.5 cfs or greater (at the current lake elevation) which follows Reclamations established operational protocols for meeting required target flows at the Hwy 154 Bridge upstream. The objective was challenging to meet at all times in May, June, and July of 2021 due to many factors influencing streamflow between the release point at Bradbury Dam and the monitoring location (i.e., weather changes, varying riparian corridor vegetation and substrate composition, land use practices, alluvial groundwater extraction, etc.). Reclamation is operating within acceptable discharge parameters to meet target flows given the challenging factors and access barriers. COMB-FD continues to take weekly measurements as requested by USBR.

WR 89-18 Release Monitoring: BiOp required monitoring for the WR 89-18 releases (RPM 6) will be conducted as requested by USBR for the 2022 WR 89-18 release that started on 8/8/22 at approximately 8:00 AM. The release ramped up slowly during the first week from 20 cfs to 35 cfs then on 8/15/22 from 50 cfs to approximately 160 cfs on 8/18/22 where it will sustain for several days before being ramped down to equilibrium flow of approximately 40-60 cfs. The release will continue at that rate until well into the fall. The release is projected to be completed in November and is expected to have a cumulative release amount of approximately 10,000 acre-feet.

The Study Plan for RPM 6 was submitted to USBR on 8/3/22 and the required monitoring began that week. WR 89-18 releases are conducted by the Santa Ynez River Water Conservation District in collaboration with USBR.

Tributary Project Updates:

All planned projects have been successfully completed.

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

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

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

After observing water leaking out of the HCEBS floating pipeline, USBR with assistance from COMB-FD on 9/30/21 and 11/18/21 tightened the flanges on all pipe segment connections and the leaking appeared to stop resulting in more water delivery to Hilton Creek. No further maintenance is planned for the floating pipeline.

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

After several discussions between USBR and NMFS, USBR decided to activate the HCWS pump on 8/2/22 to deliver water to Hilton Creek with the objective of setting the HCEBS to standby mode in the event that the pump turned off. Late that day the programmed linkages for that automated transfer of flow from the HCWS to the HCEBS were found to be inoperable so USBR reconfigured part of the system for HCEBS gravity flow with HCWS pumped flow from the lake based system. That night at 8:04 PM an email alert from PG&E was received regarding a unplanned power outage in the area of Bradbury Dam and Lake Cachuma. The HCWS pumps shut off and HCEBS gravity flow to the creek did not occur resulting in no water being delivered to Hilton Creek for approximately 2 hours. Both USBR and COMB-FD staff mobilized to the area. USBR attempted to activate the HCWS pumps without success and then started the HCEBS pumps which restored flow to the creek. COMB-FD staff conducted fish rescue and relocation efforts until flows were reestablished to the creek.

Multiple meetings were held after that incident with NMFS, USBR, and CDFW where it was concluded that the delivery system of water to Hilton Creek by pumped flow was not reliable, all fish should be relocated downstream from the reach between the LRP and the URP, and that reach should be blocked off to upstream fish movement. This would allow for HCEBS gravity flow to the LRP and HCWS pumped flow to the URP. If the HCWS pump turned off, then the fishery would be sustained by the HCEBS gravity flow to the LRP and downstream of the blocking seine. Fish rescue and relocation was conducted by CDFW and approved by NMFS with assistance from COMB-FD on 8/8/22 through 8/10/22. On 8/11/22, USBR turned off the HCEBS pump, reestablished HCEBS gravity flow to the LRP, and activated the HCWS pump to the URP. The parallel delivery systems (gravity and pump) have been functioning as planned since then and has been sustaining the fishery. USBR is investigating ways to improve their water delivery systems to Hilton Creek.

Surcharge Water Accounting:

The following table summarizes the amount of surcharge water used to date from each of the three accounts plus unallocated project water at the end of last month (Table 1). All numbers are from the USBR’s Daily Operations Report. The start time for the use of the Surcharge Water Accounts and Project Yield was 5/27/11, or the day following the last day of full surcharge and end of the last spill event. As of May 2012, all of the fish rearing account has been used and USBR is now using Unallocated Project Water to meet BiOp target flows. Water Right (WR 89-18) release durations since 2013 are noted as follows: 7/15/13 - 12/2/13, 8/18/14 -11/11/14, 8/3/15 - 9/26/15, 7/12/16 - 8/29/16, 8/21/17 - 11/8/17, 8/6/18 – 9/12/18, 8/31/20 – 11/30/20, and 8/2/21 – 10/22/21. There were no WR 89-18 releases in 2019. During these releases, no fish rearing releases are debited as WR 89-18 releases are used conjunctively with fish flows under the Cachuma Project Settlement Agreement. The Adaptive Management Committee (AMC) called for two releases from the Adaptive Management Account (AMA), 35 acre-feet in October 2012 and 114 acre-feet in June 2013. The remaining amount in the AMA is 351 acre-feet. All of the Fish Passage Supplementation Account (FPSA) has been used as of WY2019; all additional releases for fish passage are from Unallocated Project Water as determined by USBR.

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

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage Supplementation			
WY2019	3,200	3,307	-107
WY2020	0	2,558	-2,558
Adaptive Management	500	149	351
Fish Rearing***	8,684	8,684	0
Unallocated Project Water		29,096	
Total:	9,184	43,794	-2,314
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 7/31/22.			
*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.			

Reporting / Outreach / Training:

Reporting: Staff has been assisting USBR upon request in reviewing draft sections and conducting data analyses for their preparation of the new draft Biological Assessment and WR 2019-0148 required Plans.

Staff has started working on the WY2022 Annual Monitoring Report and WY2022 Annual Monitoring Summary, specifically data entry and analyses.

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 time period on established SOW tasks.

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

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 22, 2022
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Janet Gingras

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

RECOMMENDATION:

For Board information only.

SUMMARY:

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since August, 2021 to the present (10/1/21 – 8/22/22, Table 1). Labor and expenses for the entire fiscal year (July 2021 - June 2022) as well as water usage is tracked separately and reported as necessary as recommended by the Lake Cachuma Oak Tree Committee. COMB staff continues to rely on the Fisheries Division seasonal employees to conduct the majority of oak tree work in the field. The 2015 Lakeshore Inventory was completed and reviewed by the Lake Cachuma Oak Tree Committee on 2/25/16 which set the mitigation numbers for the Program. The 2020 Annual Report with the annual inventory and Fiscal Year 2020-21 financials was completed and reviewed by the Lake Cachuma Oak Tree Committee on 9/2/21 and provided to the COMB Board on 9/27/21 that recommended going forward with planting another 300 oak trees and replacing 80 dead oak trees during the wet season of this water year.

Table 1: Cachuma Oak Tree Program completed tasks since October, 2021.

	Oct 2021	Nov 2021	Dec 2021 ¹	Jan 2022	Feb 2022 ²	Mar 2022 ²	Apr 2022 ²	May 2022 ²	June 2022 ²	July 2022 ²	August 2022
Year 13 Oaks (2021-2022)		New Trees	New Trees	New Trees	New Trees	Irrigated	Irrigated		Irrigated	Irrigated	Irrigated
		Gopher Baskets	QA/QC	QA/QC	QA/QC	Weeded	Weeded		Weeded	Weeded	Weeded
		Fert/Comp	Tree Tags	Tree Tags	Tree Tags						
		Deer Cages		Deer Cages	Deer Cages						
		Mulch/Irrigated		Mulch/Irrigated	Mulch/Irrigated						
Year 12 Oaks (2020-2021)					Irrigated	Irrigated		Irrigated	Irrigated	Irrigated	Irrigated
					Weeded	Weeded		Weeded	Weeded	Weeded	Weeded
Year 11 Oaks (2019-2020)	Irrigated						Irrigated	Irrigated		Irrigated	
	Weeded						Weeded	Weeded		Weeded	
Year 10 Oaks (2018-2019)	Irrigated										
	Weeded										
Year 9 Oaks (2016-2017)	Irrigated		Irrigated								
	Weeded		Weeded								
Year 8 Oaks (2015-2016)											
Year 7 Oaks (2014-2015)											
Year 6 Oaks (2005-2011)											
¹ Dead trees replaced.											
² Oak tree inventory.											

Maintenance

Another round of irrigation was completed on the year 13 trees at Live Oak Camp at the end of July, with Year 12 trees being watered in August. Replacement trees at Santa Barbara County Park and Storke Flat were also watered. Although the peak of the dry season is upon us, hand weeding is still needed around each tree due to the increased soil moisture from prior irrigations.

Annual Inventory

The 2021 Annual Inventory of all year classes has been completed as of the beginning of July (COMB planted trees 2005 through 2018 and Dam Tender trees). Staff has finished the Annual Report and a Lake Cachuma Oak Tree Committee meeting has been set for 9/16/22 at 10:00 AM to review the report and discuss future Program actions.

LIST OF EXHIBITS:



Exhibit 1: Mistletoe observed and then removed from some of our oak trees (a+b) and setting of acorns on some of our oak trees (c+d).

CACHUMA OPERATION AND MAINTENANCE BOARD
METERED USE REPORT FOR JULY 2022

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter - East		206.86	18+62	G. WEST	140.53
Boundary Meter - West		(0.14)	78+00	Corona Del Mar FILTER Plant	794.27
			122+20	STOW RANCH	0.00
				SWP CREDIT (Warren Act Contract)	(359.00)
				Raytheon (SWP) (Warren Act Contract)	0.00
				Morehart (SWP) (Warren Act Contract)	(10.00)
			TOTAL		565.80
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	68.11
			386+65	MWD YARD	17.92
			487+07	VALLEY CLUB	10.66
			499+65	E. VALLEY-ROMERO PUMP	266.85
			510+95	MWD PUMP (SWD)	15.90
			510+95	ORTEGA CONTROL	18.86
			526+43	ASEGRA RD	0.55
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.11
			599+27	TORO CANYON	8.87
				SWP CREDIT (Warren Act Contract)	0.00
				City of SB / MWD WSA ("Desal")	(117.38)
			TOTAL		290.45
			CITY OF SANTA BARBARA		
			CATER	INFLOW	1,402.62
			Gibraltar	PENSTOCK	(343.84)
			CATER	SO. FLOW	(833.95)
			Sheffield	SHEF.LIFT	193.00
				SWP CREDIT (Warren Act Contract)	(100.00)
				La Cumbre (SWP) (Warren Act Contract)	(14.25)
				City of SB / MWD WSA ("Desal")	117.38
			TOTAL		420.97
			SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1		
			COUNTY PARK, ETC		3.06
			TOTAL		3.06
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WATER DELIVERED TO LAKE		569.00
			STATE WATER TO SOUTH COAST including from stored		483.25
			METERED DIVERSION		1,486.98
SWP CREDIT (Warren Act Contract) (0.00) TOTAL 206.71					
Note: Meter reads were taken on: 8/1/2022					

WATER YEAR 21-22 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JULY 2022 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT		
WATER PRODUCTION:	MONTH	WYTD
Cachuma Lake (Tec. Diversion)	1,954.1	16,486.0
Tecolote Tunnel Infiltration	72.4	765.5
Cachuma Lake (County Park)	3.1	16.8
Subtotal - Water Production	2,029.6	17,268.3
WATER DELIVERIES:		
State Water Diversion	483.2	5,650.7
Cachuma Diversion	1,487.0	11,360.1
Storage gain/(loss) ⁽²⁾	(8.9)	60.4
Subtotal - Water Deliveries	1,961.4	17,071.2
Total Water Production	2,029.6	17,268.3
Total Water Deliveries	1,961.4	17,071.2
Difference = Apparent Water Loss	68.2	197.1
% Apparent Water Loss	3.36%	1.14%

SCC APPARENT WATER LOSS ALLOCATION (AWL) ⁽³⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
<u>CURRENT MONTH CHARGE / (ADJUSTMENT)</u>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total Current Month	0.0	0.0	0.0	0.0	0.0
<u>WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)</u>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total AWL Charged (WYTD)	0.0	0.0	0.0	0.0	0.0
Total AWL Not Charged (WYTD)					197.1
Total AWL Incurred (WYTD)					197.1

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
<u>CURRENT MONTH</u>						
Water Usage						
M&I	419.8	421.0	270.1	82.2	3.1	1,196.1
Agricultural	146.0	0.0	20.3	124.5	N/A	290.8
Subtotal Project Water Use	565.8	421.0	290.4	206.7	3.1	1,487.0
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	55.0	281.8	22.3	31.4	41.7	432.1
Total Project Water Charge	620.8	702.7	312.8	238.1	44.7	1,919.1
<u>WATER YEAR-TO-DATE</u>						
Water Usage						
M&I	3,369.9	4,735.5	1,685.5	175.8	16.8	9,983.4
Agricultural	997.1	0.0	137.5	242.1	N/A	1,376.7
Subtotal Project Water Use	4,367.0	4,735.5	1,823.0	417.9	16.8	11,360.1
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	431.6	1,631.2	178.1	189.8	222.0	2,652.7
Total Project Water Charge (*)	4,798.5	6,366.7	2,001.1	607.7	238.7	14,012.7

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

WATER YEAR 21-22 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JULY 2022 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT WATER BALANCE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
Project Water Carryover - 10/1/2021	7,321.6	20,525.9	2,994.6	2,103.3	2,361.5	35,307.0
Transfers/Adjustment	0.0	0.0	0.0	0.0	0.0	0.0
(-) Project Water Charge (WYTD)	4,798.5	6,366.7	2,001.1	607.7	238.7	14,012.7
Balance Carryover Water	2,523.1	14,159.2	993.5	1,495.7	2,122.8	21,294.3
Current Year Allocation ⁽⁵⁾	6,525.0	5,794.0	1,856.0	1,969.0	1,856.0	18,000.0
(-) Balance of Project Water Charge (WYTD)	0.0	0.0	0.0	0.0	0.0	0.0
Net Allocation Available Before Adjustments	6,525.0	5,794.0	1,856.0	1,969.0	1,856.0	18,000.0
<u>Adjustments to Net Allocation (WYTD)</u>						
Carryover Balances Spilled	0.0	0.0	0.0	0.0	0.0	0.0
Surplus	0.0	0.0	0.0	0.0	0.0	0.0
State Water Exchange ⁽⁶⁾	61.0	41.0	0.0	27.0	(129.0)	0.0
Transfers/Adjustment - SB/La Cumbre	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Bishop Ranch ⁽⁷⁾	100.0	0.0	0.0	0.0	0.0	100.0
Transfers/Adjustment - Juncal Transfer	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/SB Overlap	0.0	0.0	0.0	0.0	0.0	0.0
Balance Current Year Allocation	6,686.0	5,835.0	1,856.0	1,996.0	1,727.0	18,100.0
Total Cachuma Project Water Available	9,209.1	19,994.2	2,849.5	3,491.7	3,849.8	39,394.3

Footnotes

- (1) Water Year = October 1 through September 30; WYTD = Water Year to Date
- (2) Includes Lauro and Ortega Reservoirs only
- (3) Based on correspondence from Michael Jackson, dated 09/15/17, which revised the approach to the assessment for unaccounted for water loss based on lake conditions
- (4) Per USBR, evaporation is applied to Cachuma Carryover and SWP water through standard contract formula effective April 1, 2017
- (5) Per USBR, 70% allocation to Member Agencies, effective 10/1/21
- (6) 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 July 2022.
- (7) Transfer per Contract for Exchange Water with Thomas B. Bishop Company and GWD (100 AF)
- (8) Memo only - State Water Deliveries to Lake Cachuma for July was 569 AF.
- (9) Memo only - MWD has received 117.38 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: **JULY 2022**

GLEN ANNIE RESERVOIR ⁽¹⁾

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

LAURO RESERVOIR

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	547.7	Feet
Water in Storage	477.38	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	451.1	Feet
Water in Storage	33.03	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	376.0	Feet
Water in Storage	25.69	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	-10.22	AF
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CACHUMA RESERVOIR

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

Stage of Reservoir Elevation	704.49	Feet
Water in Storage	79,541	AF
Surface Area	1,685	Acres
Evaporation	1,090.2	AF
Inflow	263.3	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	48.8	AF
Outlet	600.0	AF
Spill/Seismic Release	0	AF
State Water Project Water	579.7	AF
Change in Storage	-2,798	AF
Tecolote Diversion	1,899.0	AF

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

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

(2) In 2004, flashboard installation raised Cachuma Reservoir max elevation to 753' (193,305 AF); surcharge water reserved for fish releases.

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

Contract Year: 10/1/21 to: 9/30/22

Contract Entity: **Goleta Water District**
 Update by COMB 7/31/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	7,321.6	6,525.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	7,321.6	6,525.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
412.3	130.2	542.4	62.9	542.4	605.3	456.3	149.0	-
376.0	97.0	472.9	28.3	472.9	501.2	395.7	105.6	-
111.7	26.5	138.2	12.3	138.2	150.5	120.2	30.4	-
88.8	7.9	96.7	16.2	96.7	112.9	99.9	13.0	-
321.1	82.4	403.5	31.5	403.5	435.0	342.6	92.4	-
489.4	146.2	635.5	41.1	635.5	676.6	517.0	159.6	-
428.6	115.3	543.9	52.8	543.9	596.8	463.5	133.2	-
472.6	162.8	635.4	64.2	635.4	699.6	514.0	185.6	-
249.7	82.8	332.5	67.3	332.5	399.8	291.9	107.9	-
419.8	146.0	565.8	55.0	565.8	620.8	453.5	167.3	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
3,369.9	997.1	4,367.0	431.6	4,367.0	4,798.5	3,654.5	1,144.0	-

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	7,321.6	5,130.0	2,191.7	5,073.5	1,451.5	6,525.0
ID#1 Exch (+61AF)	-	-	-	40.9	20.1	61.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
Bishop Ranch Exch (+100AF)	-	-	-	100.0	-	100.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
	6,716.3	4,673.6	2,042.7	5,114.4	1,471.6	6,586.0
	6,215.1	4,278.0	1,937.1	5,114.4	1,471.6	6,586.0
	6,064.6	4,157.8	1,906.8	5,114.4	1,471.6	6,586.0
	5,951.7	4,057.9	1,893.8	5,114.4	1,471.6	6,586.0
	5,516.7	3,715.3	1,801.3	5,114.4	1,471.6	6,586.0
	4,840.1	3,198.3	1,641.8	5,114.4	1,471.6	6,586.0
	4,243.3	2,734.8	1,508.5	5,214.4	1,471.6	6,686.0
	3,543.7	2,220.8	1,322.9	5,214.4	1,471.6	6,686.0
	3,143.9	1,928.9	1,215.0	5,214.4	1,471.6	6,686.0
	2,523.1	1,475.4	1,047.7	5,214.4	1,471.6	6,686.0
	-	-	-	-	-	-
	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 9,209.1

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

Contract Year: 10/1/21 to: 9/30/22

Contract Entity: **City of Santa Barbara**
 Update by COMB 7/31/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	20,525.9	5,794.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	20,525.9	5,794.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	-----	M & I	-----	Total
639.1	-	639.1	180.2	639.1	819.3	819.3	-	-	-	-
517.5	-	517.5	84.9	517.5	602.4	602.4	-	-	-	-
379.4	-	379.4	38.0	379.4	417.4	417.4	-	-	-	-
430.9	-	430.9	49.6	430.9	480.5	480.5	-	-	-	-
540.2	-	540.2	98.2	540.2	638.4	638.4	-	-	-	-
474.6	-	474.6	136.9	474.6	611.5	611.5	-	-	-	-
383.8	-	383.8	193.9	383.8	577.7	577.7	-	-	-	-
646.5	-	646.5	262.6	646.5	909.1	909.1	-	-	-	-
302.5	-	302.5	305.1	302.5	607.7	607.7	-	-	-	-
421.0	-	421.0	281.8	421.0	702.7	702.7	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
4,735.5	-	4,735.5	1,631.2	4,735.5	6,366.7	6,366.7	-	-	-	-

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

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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation	
		M & I	-----	M & I	-----
Begin Bal	20,525.9	20,525.9	-	5,794.0	-
ID#1 Exch (+41AF)	-	-	-	41.0	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation	
		M & I	-----	M & I	-----
Oct	19,706.7	19,706.7	-	5,835.0	-
Nov	19,104.3	19,104.3	-	5,835.0	-
Dec	18,686.9	18,686.9	-	5,835.0	-
Jan	18,206.4	18,206.4	-	5,835.0	-
Feb	17,568.0	17,568.0	-	5,835.0	-
Mar	16,956.4	16,956.4	-	5,835.0	-
Apr	16,378.7	16,378.7	-	5,835.0	-
May	15,469.6	15,469.6	-	5,835.0	-
Jun	14,861.9	14,861.9	-	5,835.0	-
Jul	14,159.2	14,159.2	-	5,835.0	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 19,994.2

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

Contract Year: 10/1/21 to: 9/30/22

Contract Entity: **Montecito Water District**
 Update by COMB 7/31/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,994.6	1,856.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	2,994.6	1,856.0

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
237.2	20.0	257.2	25.6	257.2	282.8	255.1	27.6	-	-	-
211.0	15.9	226.9	11.3	226.9	238.2	218.7	19.5	-	-	-
106.2	7.4	113.6	4.9	113.6	118.5	109.4	9.1	-	-	-
35.8	1.0	36.8	6.3	36.8	43.1	39.8	3.3	-	-	-
133.8	12.8	146.6	12.3	146.6	158.9	141.6	17.3	-	-	-
143.0	14.5	157.5	16.4	157.5	173.9	153.2	20.7	-	-	-
119.5	9.0	128.5	22.2	128.5	150.6	132.7	17.9	-	-	-
210.3	19.4	229.7	28.0	229.7	257.7	226.3	31.4	-	-	-
218.5	17.2	235.7	28.9	235.7	264.7	233.6	31.1	-	-	-
270.1	20.3	290.4	22.3	290.4	312.8	280.2	32.6	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
1,685.5	137.5	1,823.0	178.1	1,823.0	2,001.1	1,790.6	210.6	-	-	-

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	2,994.6	2,096.5	898.0	1,571.0	285.0	1,856.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	2,711.8	1,841.4	870.4	1,571.0	285.0	1,856.0
Nov	2,473.6	1,622.7	850.9	1,571.0	285.0	1,856.0
Dec	2,355.1	1,513.3	841.8	1,571.0	285.0	1,856.0
Jan	2,312.0	1,473.5	838.5	1,571.0	285.0	1,856.0
Feb	2,153.2	1,331.9	821.3	1,571.0	285.0	1,856.0
Mar	1,979.3	1,178.7	800.5	1,571.0	285.0	1,856.0
Apr	1,828.7	1,046.0	782.6	1,571.0	285.0	1,856.0
May	1,570.9	819.7	751.2	1,571.0	285.0	1,856.0
Jun	1,306.2	586.1	720.1	1,571.0	285.0	1,856.0
Jul	993.5	306.0	687.5	1,571.0	285.0	1,856.0
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 2,849.5

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

Contract Year: 10/1/21 to: 9/30/22

Contract Entity: **Carpinteria Valley Water District**
 Update by COMB 7/31/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,103.3	1,969.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	2,103.3	1,969.0

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
-	-	-	18.8	-	18.8	9.7	9.1	-	-	-
-	-	-	9.1	-	9.1	4.8	4.3	-	-	-
-	-	-	4.2	-	4.2	2.1	2.1	-	-	-
-	-	-	5.6	-	5.6	3.5	2.0	-	-	-
-	-	-	11.3	-	11.3	5.3	6.0	-	-	-
-	-	-	16.2	-	16.2	7.2	9.0	-	-	-
-	-	-	23.6	-	23.6	11.4	12.2	-	-	-
15.1	18.7	33.8	32.7	33.8	66.5	32.0	34.5	-	-	-
78.4	98.9	177.4	37.0	177.4	214.4	97.6	116.8	-	-	-
82.2	124.5	206.7	31.4	206.7	238.1	98.7	139.4	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
175.8	242.1	417.9	189.8	417.9	607.7	272.4	335.3	-	-	-

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	2,103.3	1,085.4	1,017.9	984.5	984.5	1,969.0
ID#1 Exch (+27AF)	-	-	-	18.1	8.9	27.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	2,084.6	1,075.7	1,008.8	1,002.6	993.4	1,996.0
Nov	2,075.5	1,070.9	1,004.5	1,002.6	993.4	1,996.0
Dec	2,071.3	1,068.9	1,002.5	1,002.6	993.4	1,996.0
Jan	2,065.8	1,065.3	1,000.4	1,002.6	993.4	1,996.0
Feb	2,054.4	1,060.0	994.4	1,002.6	993.4	1,996.0
Mar	2,038.2	1,052.8	985.4	1,002.6	993.4	1,996.0
Apr	2,014.6	1,041.4	973.2	1,002.6	993.4	1,996.0
May	1,948.2	1,009.4	938.8	1,002.6	993.4	1,996.0
Jun	1,733.7	911.8	822.0	1,002.6	993.4	1,996.0
Jul	1,495.7	813.1	682.6	1,002.6	993.4	1,996.0
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **3,491.7**

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

Contract Year: 10/1/21 to: 9/30/22

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**
 Update by COMB 7/31/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,361.5	1,856.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	2,361.5	1,856.0

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
1.4	-	1.4	21.1	1.4	22.4	3.7	18.8	-	-	-
1.3	-	1.3	10.2	1.3	11.5	2.4	9.1	-	-	-
1.1	-	1.1	4.7	1.1	5.8	1.6	4.2	-	-	-
0.7	-	0.7	6.2	0.7	6.9	1.4	5.6	-	-	-
1.2	-	1.2	12.7	1.2	13.9	2.5	11.3	-	-	-
1.5	-	1.5	18.2	1.5	19.6	3.4	16.3	-	-	-
1.9	-	1.9	26.4	1.9	28.2	4.6	23.6	-	-	-
1.8	-	1.8	36.8	1.8	38.6	5.6	33.0	-	-	-
2.9	-	2.9	44.1	2.9	46.9	7.4	39.5	-	-	-
3.1	-	3.1	41.7	3.1	44.7	7.3	37.4	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
16.8	-	16.8	222.0	16.8	238.7	40.0	198.7	-	-	-

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			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	2,361.5	254.5	2,107.0	965.0	891.0	1,856.0
ID#1 Exch (-129AF)	-	-	-	(86.4)	(42.6)	(129.0)
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
County Parks Usage (AF)	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	1.4	250.9	2,088.2	878.6	848.4	1,727.0
Nov	1.3	248.5	2,079.1	878.6	848.4	1,727.0
Dec	1.1	246.8	2,074.9	878.6	848.4	1,727.0
Jan	0.7	245.5	2,069.4	878.6	848.4	1,727.0
Feb	1.2	242.9	2,058.0	878.6	848.4	1,727.0
Mar	1.5	239.5	2,041.8	878.6	848.4	1,727.0
Apr	1.9	234.9	2,018.2	878.6	848.4	1,727.0
May	1.8	229.3	1,985.2	878.6	848.4	1,727.0
Jun	2.9	221.9	1,945.7	878.6	848.4	1,727.0
Jul	3.1	214.5	1,908.3	878.6	848.4	1,727.0
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **3,849.8**

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

Contract Year: 10/1/21 to: 9/30/22

Contract Entity: **Santa Barbara Co. Water Agency**
 Update by COMB 7/31/2022

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	35,307.0	18,000.0	0.0	1,290.0	150.2	1,440.2	308.4	1,440.2	1,748.6	1,544.1	204.5	-	-	-
Nov	-	-	0.0	1,105.8	112.8	1,218.6	143.9	1,218.6	1,362.5	1,224.0	138.5	-	-	-
Dec	-	-	0.0	598.4	33.9	632.3	64.0	632.3	696.3	650.6	45.7	-	-	-
Jan	-	-	0.0	556.2	9.0	565.2	83.8	565.2	649.0	625.1	23.9	-	-	-
Feb	-	-	0.0	996.3	95.2	1,091.5	165.9	1,091.5	1,257.4	1,130.4	127.0	-	-	-
Mar	-	-	0.0	1,108.5	160.6	1,269.2	228.7	1,269.2	1,497.9	1,292.3	205.5	-	-	-
Apr	-	-	0.0	933.8	124.3	1,058.1	318.9	1,058.1	1,376.9	1,190.0	187.0	-	-	-
May	-	-	0.0	1,346.2	200.9	1,547.1	424.4	1,547.1	1,971.6	1,687.0	284.5	-	-	-
Jun	-	-	0.0	852.0	199.0	1,051.0	482.4	1,051.0	1,533.4	1,238.2	295.3	-	-	-
Jul	-	-	0.0	1,196.1	290.8	1,487.0	432.1	1,487.0	1,919.1	1,542.4	376.7	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	35,307.0	18,000.0	0.3	9,983.4	1,376.7	11,360.1	2,652.7	11,360.1	14,012.7	12,124.2	1,888.6	-	-	-

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

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Begin Bal	Total	Allocation		Allocation		Total
			M & I	Agr	M & I	Agr	
Oct	-	-	-	-	13.5	(13.5)	-
Nov	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-
Jan	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	100.0	-	100.0
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	1.4	33,558.4	27,548.3	6,010.1	14,401.5	3,598.5	18,000.0
Nov	1.3	32,196.0	26,324.3	5,871.7	14,401.5	3,598.5	18,000.0
Dec	1.1	31,499.6	25,673.7	5,826.0	14,401.5	3,598.5	18,000.0
Jan	0.7	30,850.6	25,048.6	5,802.1	14,401.5	3,598.5	18,000.0
Feb	1.2	29,593.2	23,918.1	5,675.1	14,401.5	3,598.5	18,000.0
Mar	1.5	28,095.3	22,625.8	5,469.5	14,401.5	3,598.5	18,000.0
Apr	1.9	26,718.4	21,435.8	5,282.6	14,501.5	3,598.5	18,100.0
May	1.8	24,746.8	19,748.8	4,998.1	14,501.5	3,598.5	18,100.0
Jun	2.9	23,213.4	18,510.6	4,702.8	14,501.5	3,598.5	18,100.0
Jul	3.1	21,294.3	16,968.2	4,326.1	14,501.5	3,598.5	18,100.0
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **39,394.3**

CACHUMA DAILY OPERATIONS

Month & Year: August 2022

Time of Observations: 0830 Evaporation Pan Factor: 81%

Day	Beginning Storage: 79,541			Surface Area	Rainfall		Evaporation			CCWA Inflow	Releases					Computed Inflow	
	Elevation	Storage	Change								Park Diversion	South Coast	Hilton Creek	WR 89-18	Outlet		Spillway
	ft	acre-feet	acre-feet								acres	inches	acre-feet	inches	acre-feet		acre-feet
1	704.44	79,457	(84)	1,684	-		0.260	29.5		12.5		55.1	1.5	-	21.0	-	10.6
2	704.38	79,357	(100)	1,682	-		0.350	39.7		12.4		54.6	1.5	-	22.0	-	5.4
3	704.33	79,273	(84)	1,681	-		0.370	42.0		12.4		56.2	0.9	-	20.0	-	22.7
4	704.27	79,172	(101)	1,679	-		0.320	36.3		12.4		54.0	2.0	-	22.0	-	0.9
5	704.20	79,054	(118)	1,678	-		0.350	39.6		12.4		66.8	1.9	-	22.0	-	(0.1)
6	704.15	78,970	(84)	1,676	-		0.180	20.4		12.4		63.2	2.0	-	22.0	-	11.2
7	704.08	78,836	(134)	1,675	-		0.380	43.0		12.4		66.9	2.0	-	22.0	-	(12.5)
8	704.04	78,785	(51)	1,674	-		0.280	31.6		12.4		43.9	2.0	-	22.0	-	36.1
9	703.98	78,685	(100)	1,672	-		0.280	31.6		12.4		46.6	2.0	37.0	-	-	4.8
10	703.89	78,533	(152)	1,670	-		0.290	32.7		12.4		56.9	2.0	58.0	-	-	(14.8)
11	703.81	78,399	(134)	1,668	-		0.310	34.9		12.4		64.5	2.0	59.0	-	0.6	14.6
12	703.73	78,265	(134)	1,666	-		0.250	28.1		12.4		69.4	4.0	60.0	-	0.6	15.7
13	703.64	78,113	(152)	1,663	-		0.290	32.6		12.4		69.8	4.4	62.0	-	0.6	5.0
14	703.55	77,964	(149)	1,661	-		0.290	32.5		12.4		68.8	4.4	61.0	-	0.6	5.9
15	703.47	77,832	(132)	1,660	-		0.300	33.6		12.4		36.6	4.5	61.0	-	0.6	(8.1)
16	703.38	77,683	(149)	1,657	-		0.290	32.4		12.4		47.8	4.3	97.0	-	0.6	20.7
17	703.25	77,469	(214)	1,655	-		0.300	33.5		12.3		48.7	4.2	144.0	-	0.6	4.7
18	703.06	77,155	(314)	1,650	-		0.360	40.1		12.3		55.7	4.1	244.0	-	0.6	18.2
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	

TOTALS		(2,386)		-	-	5.450	614.1	-	223.1	-	1,025.5	49.7	883.0	173.0	4.8	141.1
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Park Usage

Rain Yr. Total



**Santa Barbara County Parks Division,
Cachuma Lake Recreation Area
Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: July 2022**



Cachuma Lake Recreation Area Launch Data -- July 2022		
Inspection Data		
Total Vessels Entering Park	648	
Total Vessels Launched	632	
Total Vessels Quarantined	16	
Returning (Tagged) Boats Launched	468	74%
Kayak/Canoe: Inspected, launched	164	26%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Quarantine Data		
Total Vessels Quarantined	16	
Quarantined 14 days	*	
Quarantined 30 days	16	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	4	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	16	
Demographic Data		
Quarantined from infected county	4	
Quarantined from SB County	12	
Quarantined from uninfected co	0	

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

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

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

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

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

Plankton Tow Inspection Dates and Times: 2022.07.15 and 2022.07.29; 10 a.m. to 12 p.m. PDT.

Method: 4 Sampling Locations; Vertical Tows. Samples sent to UCSB Riparian Invasion Research Lab.

Artificial Substrate and Surface Survey Inspection Date and Time: 2022.07.21; 10 a.m. to 12 p.m. PDT.

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

Surveyors: COSB, Parks Division Staff (R. Bishop, K. Loft, P. Good, P. Medel).

Lake elevation: Max feet: 753.00, current 705.28; Max acre-feet: 192,978, current: 79,893;

Current capacity: 41.4%