



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

**Monday, April 25, 2022  
1:00 P.M.**

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**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/83884286098?pwd=dmFRenJiYjEzbdNnWS9GMIM5eVB3Zz09>  
Passcode: 466459

**Join via teleconference:**

US: +1 669 900 6833 Webinar ID: 838 8428 6098 Passcode: 466459

**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**

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**Monday, April 25, 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 Orders 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 March 28, 2022 Regular Board Meeting
  - b. Investment of Funds
    - Financial Reports
    - Investment Reports
  - c. Review of Paid Claims
- 4. VERBAL REPORTS FROM BOARD COMMITTEES**  
Receive verbal information regarding the following committee meetings:
  - Administrative Committee Meeting – April 14, 2022
  - Special Operations Committee Meeting – April 19, 2022
- 5. RESOLUTION NO. 747 – 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
- 6. FINANCIAL REVIEW – 3<sup>RD</sup> QUARTER FY 2022**  
Action: Receive and file the 3<sup>RD</sup> Quarter Fiscal Year 2021-22 Financial Review
- 7. RATIFICATION OF ADDENDUM TO EMERGENCY ENGINEERING CONTRACT – ORTEGA RESERVOIR REPAIR**  
Action: Recommend approval by motion and roll call vote of the Board
- 8. OPERATIONS DIVISION REPLACEMENT FLEET VEHICLE PURCHASE**  
Action: Recommend approval by motion and roll call vote of the Board

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**9. GENERAL MANAGER REPORT**

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

- Administration
- Meetings
- 2021-2022 Accomplishments / Internal Goals

**10. ENGINEER'S REPORT**

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

- Climate Conditions and Water Quality
- Lake Elevation Projections
- La Mirada Line Valve Project
- Infrastructure Improvement Projects

**11. OPERATIONS DIVISION REPORT**

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

- Lake Cachuma Operations
- Operation and Maintenance Activities

**12. 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

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

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

- Maintenance and Monitoring

**14. MONTHLY CACHUMA PROJECT REPORTS**

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

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

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

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

- a. [Government Code Section 54956.9(d)(1)] Potential Litigation: Conference with Legal Counsel

**17. [CLOSED SESSION]: ANNUAL PERFORMANCE REVIEW**

- a. [Government Code Section 54957(b)(1)] Title: General Manager

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- 18. [CLOSED SESSION]: CONFERENCE WITH LABOR NEGOTIATORS**  
a. [Government Code Section 54957.6(a)]  
Agency designated representatives: Board President  
Unrepresented Employee: General Manager
- 19. RECONVENE INTO OPEN SESSION**  
[Government Code Section 54957.7]  
Disclosure of actions taken in closed session, as applicable  
[Government Code Section 54957.1]
- 16a. Potential Litigation: Conference with Legal Counsel  
17a. Annual Performance Review – General Manager  
18a. Conference with Labor Negotiators
- 20. MODIFICATION OF GENERAL MANAGER’S COMPENSATION**  
Action: At Board discretion, consideration and approval of modification to General Manager compensation
- 21. MEETING SCHEDULE**
- **Special Board Meeting – May 12, 2022 at 10:00 AM**
  - **Regular Board Meeting – May 23, 2022 at 1:00 PM**
  - **Board Packages available on COMB website [www.cachuma-board.org](http://www.cachuma-board.org)**
- 22. 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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**MINTUES OF REGULAR MEETING  
OF THE  
CACHUMA OPERATION AND MAINTENANCE BOARD**

**Monday, March 28, 2022  
1:00 PM**

**MINUTES**

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

The regular meeting of the Board of Directors was called to order by President Holcombe at 1:01 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  
Cori Hayman, Montecito Water District

**General Counsel Present:**

William Carter - Musick, Peeler, Garrett, LLP

**Staff Present:**

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

Tim Robinson, Fisheries Division Manager  
Shane King, Operations Supervisor  
Dorothy Turner, Administrative Assistant

**Others Present:**

Cathy Taylor, City of Santa Barbara  
Stephen Torigiani, Young, Wooldridge LLP

Matt Young, Santa Barbara County Water Agency

**2. PUBLIC COMMENT**

There was no public comment.

**3. CONSENT AGENDA**

- a. Minutes of February 28, 2022 Regular Board Meeting
- b. Investment of Funds
  - Financial Reports
  - Investment Reports
- c. Review of Paid Claims

Ms. Gingras presented the Consent Agenda to the Board for approval. She summarized revenues received and expenditures made, highlighting a number of paid claims, including payments to CalPortland Construction, Flowers and Associates, Santa Barbara Office Interiors and Turenchalk Network Services.

Director Hanson motioned to approve the Minutes of the February 28, 2022 Board Meeting, Items one through five. Director Sneddon seconded the motion which carried with a vote of five in favor with one abstention.

**Ayes:** Sneddon, Hanson, Holcombe

**Nays:**

**Absent:**

**Abstain:** Hayman

Director Hanson motioned to approve the remainder of the Minutes of the February 28, 2022 Board Meeting, as well as the remaining Consent Agenda items. Director Sneddon seconded the motion which carried unanimously with a vote of six in favor.

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

**Nays:**

**Absent:**

**Abstain:**

#### 4. VERBAL REPORTS FROM BOARD COMMITTEES

- *Administrative Committee Meeting – March 15, 2022* - Director Holcombe reviewed the committee meeting agenda, noting that the items are brought before the Board in today's agenda.
- *Operations Committee Meeting – March 17, 2022* – Director Sneddon, in reviewing the committee meeting agenda, noted that the Board will hear all items today. She also acknowledged the importance of COMB's in-house expertise.

#### 5. RESOLUTION NO. 746 – CONFIRMATION OF LOCAL EMERGENCY - ACKNOWLEDGEMENT OF GOVERNOR NEWSOM'S DECLARED STATE OF EMERGENCY (HEALTH AND SAFETY)

Ms. Gingras presented Resolution No. 746 to authorize continued remote public meetings. Directors conducted a short discussion regarding the need to continue remotely. Director Hanson motioned to approve the Resolution, followed by a second from Director Sneddon. The motion passed with votes comprised of five ayes one nay.

**Ayes:** Sneddon, Hanson, Holcombe

**Nays:** Hayman

**Absent:**

**Abstain:**

#### 6. RESOLUTION NO. 747 - COMB 2022 SUSTAINABILITY PLAN

Ms. Gingras presented Resolution No. 747 and shared a slide show, defining Sustainability and COMB's commitment, actions and plans toward achievement of sustainability. She noted this is a living document which will have an added advantage of positioning COMB for future funding efforts. Ms. Gingras fielded questions and comments from the Board. Following discussion of certain elements of the Plan, the Board requested that Ms. Gingras review those elements of the Plan in committee and bring back to the Board for adoption at a future Board meeting.

**7. ACWA/JPIA COMMITMENT TO EXCELLENCE (C2E) PROGRAM**

Ms. Gingras presented the Commitment to Excellence (C2E) program for approval. She noted that it encompasses best practices for risk management, many of which are already in practice at COMB, as evidenced by consecutive years of premium rebates for low claims ratios. As well, as a member of this program, COMB could qualify for grant funds from ACWA JPIA. She fielded comments from the Board.

Director Hanson put forth a motion to approve the execution of the C2E certificate. Director Hayman seconded the motion which passed with a unanimous vote of six in favor.

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

**Nays:**

**Absent:**

**Abstain:**

**8. INFRASTRUCTURE IMPROVEMENT PLAN - SCADA SYSTEM UPGRADE PROFESSIONAL SERVICES AGREEMENT**

Mr. Degner presented the SCADA System Upgrade and noted that this is the final step in the SCADA upgrade process. He advised that funds exist in the current budget to cover the hardware and software costs associated with the project. He provided support for the request for a sole-source Professional Services Agreement (PSA) with Aspect Engineering Group.

Director Hayman motioned to approve the execution of the sole-source PSA, followed by a second from Director Sneddon. The motion carried with a vote of six in favor.

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

**Nays:**

**Absent:**

**Abstain:**

**9. BIPARTISAN INFRASTRUCTURE LAW – USBR REIMBURSABLE FUNDING**

Ms. Gingras provided the Board with an update on the status of COMB’s application for a loan through the Bipartisan Infrastructure Law. She advised that the Denver office of Reclamation is conducting the review process and that COMB has received early positive feedback from Reclamation regarding the potential success of the application. Notification of Award in this initial round of funding is expected in May of this year. The Board requested that Ms. Gingras explore whether COMB could increase the amount of funding at a later date. As well, Ms. Gingras emphasized to the Board that, should COMB be awarded a loan, the Board would have the opportunity to accept it or not.

**10. GENERAL MANAGER REPORT**

- Administration
- Meetings

Ms. Gingras presented the General Manager report, highlighting the receipt of a Department of Water Resources (DWR) award in the amount of \$2.25 million toward the Secured Pipeline Project, the refund of premium awarded by ACWA JPIA and the plan to present to IRWMP with hope of receiving round two funding. As well, she reviewed the status of the Multi-Jurisdictional Hazard Mitigation Plan. Finally, Ms. Gingras received congratulations from the Board for the DWR award.

## **11. ENGINEER'S REPORT**

- Climate Conditions
- Lake Elevation Projections
- Ortega Effluent Pipeline Repair
- Infrastructure Improvement Projects

Mr. Degner presented the Engineer's report, reviewing climate conditions and lake elevation. He provided a chart illustrating evaporation rates for the last two years and projected lake elevation based upon current knowledge of import and export of water. He advised that a realistic window exists to install the secured pipeline in Summer or Fall of 2022, noting that installation of the pumping barge could then be delayed potentially until Spring 2023. Mr. Degner reviewed the repair of the Ortega reservoir pipeline and provided an update on the La Mirada isolation valve project. With regard to the Secured Pipeline, Mr. Degner reported that Makai Ocean Engineering is poised to request bids and COMB is working on the required permits. A lengthy discussion ensued, during which, Mr. Degner fielded a number of questions.

## **12. OPERATIONS DIVISION REPORT**

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. King presented the Operations Division report, advising that staff time was spent primarily on the La Mirada Isolation Valve and Ortega Reservoir Leak Repair projects. Additionally, during the leak repair, staff was able to address several of Reclamation's inspection requests. Finally, staff repaired the log boom at the North Portal.

## **13. FISHERIES DIVISION REPORT**

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

Mr. Robinson provided the Board with information on target flows to Hilton Creek and the Highway 154 bridge, noting that dropping lake elevation continues to impact the amount of flow to these two measuring points. Normal monitoring efforts are ongoing. Staff has noted spawning activity in Hilton Creek. Mr. Robinson advised that he has been working with Reclamation on the Biological Assessment and is seeking additional seasonal staff, including an individual to monitor the berm at the mouth of the Santa Ynez River.

## **14. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM**

- Maintenance and Monitoring

15. Mr. Robinson presented the Oak Tree report, noting that staff continues irrigation efforts due to lack of rain. He reported that grant funds had been received from Your Children's Trees foundation to offset the cost of the current year oak tree plantings. Mr. Robinson fielded questions from the Board.

**17. MONTHLY CACHUMA PROJECT REPORTS**

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

Ms. Gingras presented the Cachuma Project reports, commenting that the State of California has reduced deliveries of State water.

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

Director Hayman requested that the subject of resuming in-person meetings be brought before the Board as an agenda item at the next meeting.

**19. MEETING SCHEDULE**

- **Regular Board Meeting – April 25, 2022 at 1:00 PM**
- **Board Packages available on COMB website [www.cachuma-board.org](http://www.cachuma-board.org)**

**20. COMB ADJOURNMENT**

There being no further business, the meeting was adjourned at 2:55 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 March 31, 2022  
**UNAUDITED**

**March 31, 2022**

**ASSETS**

**Current Assets**

**Checking/Savings**

**Trust Funds**

1210 · Warren Act Trust Fund

\$ 170,715.72

1220 · Renewal Fund

74,033.06

**Total Trust Funds**

\$ 244,748.78

1050 · General Fund

471,284.62

1100 · Revolving Fund

39,534.07

**Total Checking/Savings**

755,567.47

**Accounts Receivable**

1301 · Accounts Receivable

1,570.00

**Total Accounts Receivable**

1,570.00

**Other Current Assets**

1010 · Petty Cash

500.00

1200 · LAIF

1,516,358.56

1311 · Cachuma Entitlement Receivable

396,230.69

1303 · Bradbury SOD Act Assessments Receivable

213,957.00

1304 · Lauro Dam SOD Assesements Receivable

32,837.16

1400 · Prepaid Insurance

10,656.72

1900 · Deposits

236,109.85

**Total Other Current Assets**

2,406,649.98

**Total Current Assets**

3,163,787.45

**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**

**\$ 9,474,873.78**

**Cachuma Operation & Maintenance Board**  
**Statement of Net Position**  
As of March 31, 2022  
**UNAUDITED**

	<b>March 31, 2022</b>
<b>LIABILITIES &amp; NET POSITION</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Accounts Payable</b>	
2200 · Accounts Payable	\$ 70,302.97
<b>Total Accounts Payable</b>	70,302.97
<b>Other Current Liabilities</b>	
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	244,748.78
2595 · Deferred Revenue - Oak Tree	17,943.10
<b>Total Other Current Liabilities</b>	779,109.53
<b>Total Current Liabilities</b>	849,412.50
<b>Long Term Liabilities</b>	
2602 · Long Term SOD Act Liability-Bradbury	4,057,362.07
2603 · Long Term SOD Act Liability - Lauro	739,312.90
2604 · OPEB Long Term 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
<b>Total Long Term Liabilities</b>	13,355,921.97
<b>Total Liabilities</b>	14,205,334.47
<b>Net Position</b>	
3000 · Opening Balance Net Position	(5,296,580.05)
3901 · Retained Net Assets	(521,650.49)
Net Revenue	1,087,769.85
<b>Total Net Position</b>	(4,730,460.69)
<b>TOTAL LIABILITIES &amp; NET POSITION</b>	<b>\$ 9,474,873.78</b>



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

	Fisheries				Operations				TOTAL			
	Jul '21 - Mar 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - Mar 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - Mar 22	Budget	\$ Over / (Under) Budget	% of Budget
<b>Revenue</b>												
<b>3000 REVENUE</b>												
3001 · O&M Budget (Qtrly Assessments)	\$ 772,576.30	\$ 1,073,752.00	\$ (301,175.70)	71.95%	\$ 2,949,260.00	\$ 3,865,221.00	\$ (915,961.00)	76.3%	\$ 3,721,836.30	\$ 4,938,973.00	\$ (1,217,136.70)	75.36%
3006 · Warren Act	43,086.00	43,086.00	0.00	100.0%	0.00				43,086.00	43,086.00	0.00	100.0%
3007 · Renewal Fund	120,996.46	220,175.00	-99,178.54	54.96%	0.00				120,996.46	220,175.00	-99,178.54	54.96%
3009 · EPFP Loan (Qtrly Assessments)	0.00				38,620.56	0.00	38,620.56	100.0%	38,620.56	0.00	38,620.56	100.0%
3010 · Interest Income	0.00				2,278.99	0.00	2,278.99	100.0%	2,278.99	0.00	2,278.99	100.0%
3014 · Non-Member Agency Revenue	22,300.00	0.00	22,300.00	100.0%	0.00				22,300.00	0.00	22,300.00	100.0%
3021 · Grant Income	0.00				510.00	0.00	510.00	100.0%	510.00	0.00	510.00	100.0%
3035 · Cachuma Project Betterment Fund	90,000.00	90,000.00	0.00	100.0%	0.00				90,000.00	90,000.00	0.00	100.0%
<b>Total 3000 REVENUE</b>	<b>\$ 1,048,958.76</b>	<b>\$ 1,427,013.00</b>	<b>\$ (378,054.24)</b>	<b>73.51%</b>	<b>\$ 2,990,669.55</b>	<b>\$ 3,865,221.00</b>	<b>\$ (874,551.45)</b>	<b>77.37%</b>	<b>\$ 4,039,628.31</b>	<b>\$ 5,292,234.00</b>	<b>\$ (1,252,605.69)</b>	<b>76.33%</b>
<b>Expense</b>												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 662,148.25	\$ 1,023,887.00	\$ (361,738.75)	64.67%	\$ 662,148.25	\$ 1,023,887.00	\$ (361,738.75)	64.67%
<b>3200 VEH &amp; EQUIPMENT</b>												
3201 · Vehicle/Equip Mtce	0.00				24,222.82	35,000.00	-10,777.18	69.21%	24,222.82	35,000.00	-10,777.18	69.21%
3202 · Fixed Capital	0.00				1,761.73	65,000.00	-63,238.27	2.71%	1,761.73	65,000.00	-63,238.27	2.71%
3203 · Equipment Rental	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
3204 · Miscellaneous	0.00				1,315.78	10,000.00	-8,684.22	13.16%	1,315.78	10,000.00	-8,684.22	13.16%
<b>Total 3200 VEH &amp; EQUIPMENT</b>	<b>0.00</b>				<b>27,300.33</b>	<b>115,000.00</b>	<b>-87,699.67</b>	<b>23.74%</b>	<b>27,300.33</b>	<b>115,000.00</b>	<b>-87,699.67</b>	<b>23.74%</b>
<b>3300 · CONTRACT LABOR</b>												
3301 · Conduit, Meter, Valve & Misc	0.00				8,430.00	20,000.00	-11,570.00	42.15%	8,430.00	20,000.00	-11,570.00	42.15%
3302 · Buildings & Roads	0.00				38,202.98	20,000.00	18,202.98	191.02%	38,202.98	20,000.00	18,202.98	191.02%
3303 · Reservoirs	0.00				33,035.55	60,000.00	-26,964.45	55.06%	33,035.55	60,000.00	-26,964.45	55.06%
3304 · Engineering, Misc Services	0.00				44,400.00	30,000.00	14,400.00	148.0%	44,400.00	30,000.00	14,400.00	148.0%
<b>Total 3300 · CONTRACT LABOR</b>	<b>0.00</b>				<b>124,068.53</b>	<b>130,000.00</b>	<b>-5,931.47</b>	<b>95.44%</b>	<b>124,068.53</b>	<b>130,000.00</b>	<b>-5,931.47</b>	<b>95.44%</b>
<b>3400 · MATERIALS &amp; SUPPLIES</b>												
3401 · Conduit, Meter, Valve & Misc	0.00				68,581.57	65,000.00	3,581.57	105.51%	68,581.57	65,000.00	3,581.57	105.51%
3402 · Buildings & Roads	0.00				11,746.70	15,000.00	-3,253.30	78.31%	11,746.70	15,000.00	-3,253.30	78.31%
3403 · Reservoirs	0.00				3,133.68	5,000.00	-1,866.32	62.67%	3,133.68	5,000.00	-1,866.32	62.67%
<b>Total 3400 · MATERIALS &amp; SUPPLIES</b>	<b>0.00</b>				<b>83,461.95</b>	<b>85,000.00</b>	<b>-1,538.05</b>	<b>98.19%</b>	<b>83,461.95</b>	<b>85,000.00</b>	<b>-1,538.05</b>	<b>98.19%</b>
<b>3500 · OTHER EXPENSES</b>												
3501 · Utilities	0.00				4,803.21	7,000.00	-2,196.79	68.62%	4,803.21	7,000.00	-2,196.79	68.62%
3502 · Uniforms	0.00				1,073.75	5,750.00	-4,676.25	18.67%	1,073.75	5,750.00	-4,676.25	18.67%
3503 · Communications	0.00				7,875.08	15,800.00	-7,924.92	49.84%	7,875.08	15,800.00	-7,924.92	49.84%
3504 · USA & Other Services	0.00				3,583.40	4,750.00	-1,166.60	75.44%	3,583.40	4,750.00	-1,166.60	75.44%
3505 · Miscellaneous	0.00				8,834.57	12,000.00	-3,165.43	73.62%	8,834.57	12,000.00	-3,165.43	73.62%
3506 · Training	0.00				60.00	3,000.00	-2,940.00	2.0%	60.00	3,000.00	-2,940.00	2.0%
<b>Total 3500 · OTHER EXPENSES</b>	<b>0.00</b>				<b>26,230.01</b>	<b>48,300.00</b>	<b>-22,069.99</b>	<b>54.31%</b>	<b>26,230.01</b>	<b>48,300.00</b>	<b>-22,069.99</b>	<b>54.31%</b>
<b>4100 · LABOR - FISHERIES</b>	<b>535,540.86</b>	<b>755,458.00</b>	<b>-219,917.14</b>	<b>70.89%</b>	<b>0.00</b>				<b>535,540.86</b>	<b>755,458.00</b>	<b>-219,917.14</b>	<b>70.89%</b>

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

	Fisheries				Operations				TOTAL			
	Jul '21 - Mar 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - Mar 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - Mar 22	Budget	\$ Over / (Under) Budget	% of Budget
<b>4200 · VEHICLES &amp; EQUIP - FISHERIES</b>												
4270 · Vehicle/Equip Mtce	15,831.47	30,000.00	-14,168.53	52.77%	0.00				15,831.47	30,000.00	-14,168.53	52.77%
4280 · Fixed Capital	38,572.28	50,000.00	-11,427.72	77.15%	0.00				38,572.28	50,000.00	-11,427.72	77.15%
4290 · Miscellaneous	7.53	2,500.00	-2,492.47	0.3%	0.00				7.53	2,500.00	-2,492.47	0.3%
<b>Total 4200 · VEHICLES &amp; EQUIP - FISHERIES</b>	<b>54,411.28</b>	<b>82,500.00</b>	<b>-28,088.72</b>	<b>65.95%</b>	<b>0.00</b>				<b>54,411.28</b>	<b>82,500.00</b>	<b>-28,088.72</b>	<b>65.95%</b>
<b>4220 · CONTRACT LABOR - FISHERIES</b>												
4221 · Meters & Valves	0.00	3,000.00	-3,000.00	0.0%	0.00				0.00	3,000.00	-3,000.00	0.0%
4222 · Fish Projects Maintenance	6,075.54	16,100.00	-10,024.46	37.74%	0.00				6,075.54	16,100.00	-10,024.46	37.74%
<b>Total 4220 · CONTRACT LABOR - FISHERIES</b>	<b>6,075.54</b>	<b>19,100.00</b>	<b>-13,024.46</b>	<b>31.81%</b>	<b>0.00</b>				<b>6,075.54</b>	<b>19,100.00</b>	<b>-13,024.46</b>	<b>31.81%</b>
<b>4300 · MATERIALS/SUPPLIES - FISHERIES</b>												
4390 · Miscellaneous	2,134.09	7,000.00	-4,865.91	30.49%	0.00				2,134.09	7,000.00	-4,865.91	30.49%
<b>Total 4300 · MATERIALS/SUPPLIES - FISHERIES</b>	<b>2,134.09</b>	<b>7,000.00</b>	<b>-4,865.91</b>	<b>30.49%</b>	<b>0.00</b>				<b>2,134.09</b>	<b>7,000.00</b>	<b>-4,865.91</b>	<b>30.49%</b>
<b>4500 · OTHER EXPENSES - FISHERIES</b>												
4502 · Uniforms	3,735.31	3,500.00	235.31	106.72%	0.00				3,735.31	3,500.00	235.31	106.72%
<b>Total 4500 · OTHER EXPENSES - FISHERIES</b>	<b>3,735.31</b>	<b>3,500.00</b>	<b>235.31</b>	<b>106.72%</b>	<b>0.00</b>				<b>3,735.31</b>	<b>3,500.00</b>	<b>235.31</b>	<b>106.72%</b>
<b>4999 · GENERAL &amp; ADMINISTRATIVE</b>												
5000 · Director Fees	0.00				6,065.80	12,400.00	-6,334.20	48.92%	6,065.80	12,400.00	-6,334.20	48.92%
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				33,637.70	75,000.00	-41,362.30	44.85%	33,637.70	75,000.00	-41,362.30	44.85%
5101 · Audit	0.00				14,237.61	22,750.00	-8,512.39	62.58%	14,237.61	22,750.00	-8,512.39	62.58%
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				31,781.51	33,326.00	-1,544.49	95.37%	31,781.51	33,326.00	-1,544.49	95.37%
5310 · Postage/Office Exp	0.00				4,850.26	6,000.00	-1,149.74	80.84%	4,850.26	6,000.00	-1,149.74	80.84%
5311 · Office Equip/Leases	0.00				5,970.43	13,440.00	-7,469.57	44.42%	5,970.43	13,440.00	-7,469.57	44.42%
5312 · Misc Admin Expenses	0.00				10,547.81	14,000.00	-3,452.19	75.34%	10,547.81	14,000.00	-3,452.19	75.34%
5313 · Communications	0.00				7,211.18	6,500.00	711.18	110.94%	7,211.18	6,500.00	711.18	110.94%
5314 · Utilities	0.00				6,426.56	9,737.00	-3,310.44	66.0%	6,426.56	9,737.00	-3,310.44	66.0%
5315 · Membership Dues	0.00				10,947.75	9,700.00	1,247.75	112.86%	10,947.75	9,700.00	1,247.75	112.86%
5316 · Admin Fixed Assets	0.00				510.58	5,000.00	-4,489.42	10.21%	510.58	5,000.00	-4,489.42	10.21%
5318 · Computer Consultant	0.00				19,317.48	16,500.00	2,817.48	117.08%	19,317.48	16,500.00	2,817.48	117.08%
5325 · Emp Training/Subscriptions	0.00				164.53	2,000.00	-1,835.47	8.23%	164.53	2,000.00	-1,835.47	8.23%
5330 · Admin Travel/Conferences	0.00				0.00	2,000.00	-2,000.00	0.0%	0.00	2,000.00	-2,000.00	0.0%
5331 · Public Information	0.00				1,853.76	3,500.00	-1,646.24	52.97%	1,853.76	3,500.00	-1,646.24	52.97%
<b>Total 4999 · GENERAL &amp; ADMINISTRATIVE</b>	<b>0.00</b>				<b>153,522.96</b>	<b>237,453.00</b>	<b>-83,930.04</b>	<b>64.65%</b>	<b>153,522.96</b>	<b>237,453.00</b>	<b>-83,930.04</b>	<b>64.65%</b>
<b>5299 · ADMIN LABOR</b>	<b>0.00</b>				<b>442,584.19</b>	<b>620,531.00</b>	<b>-177,946.81</b>	<b>71.32%</b>	<b>442,584.19</b>	<b>620,531.00</b>	<b>-177,946.81</b>	<b>71.32%</b>
<b>5400 · GENERAL &amp; ADMIN - FISHERIES</b>												
5407 · Legal - FD	6,198.50	25,000.00	-18,801.50	24.79%	0.00				6,198.50	25,000.00	-18,801.50	24.79%
5410 · Postage / Office Supplies	2,754.79	4,000.00	-1,245.21	68.87%	0.00				2,754.79	4,000.00	-1,245.21	68.87%
5411 · Office Equipment / Leases	3,214.84	8,533.00	-5,318.16	37.68%	0.00				3,214.84	8,533.00	-5,318.16	37.68%
5412 · Misc. Admin Expense	3,908.12	7,500.00	-3,591.88	52.11%	0.00				3,908.12	7,500.00	-3,591.88	52.11%
5413 · Communications	3,882.93	4,455.00	-572.07	87.16%	0.00				3,882.93	4,455.00	-572.07	87.16%
5414 · Utilities	3,462.51	5,243.00	-1,780.49	66.04%	0.00				3,462.51	5,243.00	-1,780.49	66.04%
5415 · Membership Dues	6,750.25	6,200.00	550.25	108.88%	0.00				6,750.25	6,200.00	550.25	108.88%
5416 · Admin Fixed Assets	2,167.01	3,000.00	-832.99	72.23%	0.00				2,167.01	3,000.00	-832.99	72.23%

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

	Fisheries				Operations				TOTAL			
	Jul '21 - Mar 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - Mar 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - Mar 22	Budget	\$ Over / (Under) Budget	% of Budget
5418 · Computer Consultant	10,401.72	9,000.00	1,401.72	115.58%	0.00				10,401.72	9,000.00	1,401.72	115.58%
5425 · Employee Education/Subscription	250.00	2,500.00	-2,250.00	10.0%	0.00				250.00	2,500.00	-2,250.00	10.0%
5426 · Director Fees	3,266.20	6,700.00	-3,433.80	48.75%	0.00				3,266.20	6,700.00	-3,433.80	48.75%
5427 · Director Mileage	0.00	300.00	-300.00	0.0%	0.00				0.00	300.00	-300.00	0.0%
5430 · Travel	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
5431 · Public Information	998.18	1,500.00	-501.82	66.55%	0.00				998.18	1,500.00	-501.82	66.55%
5441 · Audit	7,666.39	12,250.00	-4,583.61	62.58%	0.00				7,666.39	12,250.00	-4,583.61	62.58%
5443 · Liab & Property Ins	17,113.12	17,745.00	-631.88	96.44%	0.00				17,113.12	17,745.00	-631.88	96.44%
<b>Total 5400 · GENERAL &amp; ADMIN - FISHERIES</b>	<b>72,034.56</b>	<b>116,426.00</b>	<b>-44,391.44</b>	<b>61.87%</b>	<b>0.00</b>				<b>72,034.56</b>	<b>116,426.00</b>	<b>-44,391.44</b>	<b>61.87%</b>
5499 · ADMIN LABOR-FISHERIES	179,956.35	258,029.00	-78,072.65	69.74%	0.00				179,956.35	258,029.00	-78,072.65	69.74%
5510 · Integrated Reg. Water Mgt Plan	0.00				1,211.76	5,000.00	-3,788.24	24.24%	1,211.76	5,000.00	-3,788.24	24.24%
<b>6000 · SPECIAL PROJECTS</b>												
6062 · SCADA	0.00				18,547.88	150,000.00	-131,452.12	12.37%	18,547.88	150,000.00	-131,452.12	12.37%
6090 · COMB Office Building	0.00				175,567.74	216,000.00	-40,432.26	81.28%	175,567.74	216,000.00	-40,432.26	81.28%
6096 · SCC Structure Rehabilitation												
6096-3 · Repair Ortega Effluent Pipeline	0.00				46,361.27				46,361.27	0.00	46,361.27	100.0%
6096 · SCC Structure Rehabilitation - Other	0.00				125,248.74	390,000.00	-264,751.26	32.12%	125,248.74	390,000.00	-264,751.26	32.12%
<b>Total 6096 · SCC Structure Rehabilitation</b>	<b>0.00</b>				<b>171,610.01</b>	<b>390,000.00</b>	<b>-218,389.99</b>	<b>44.0%</b>	<b>171,610.01</b>	<b>390,000.00</b>	<b>-218,389.99</b>	<b>44.0%</b>
6097 · GIS and Mapping	0.00				5,625.00	10,000.00	-4,375.00	56.25%	5,625.00	10,000.00	-4,375.00	56.25%
6100 · Watershed Sanitary Survey	0.00				16,829.62	12,050.00	4,779.62	139.67%	16,829.62	12,050.00	4,779.62	139.67%
6105 · ROW Management Program	0.00				18,925.00	20,000.00	-1,075.00	94.63%	18,925.00	20,000.00	-1,075.00	94.63%
6120 · Lake Cachuma Secured Pipeline	0.00				34,594.00	352,000.00	-317,406.00	9.83%	34,594.00	352,000.00	-317,406.00	9.83%
6136 · SCC Isolation Valve Evaluation	0.00				69,208.59	400,000.00	-330,791.41	17.3%	69,208.59	400,000.00	-330,791.41	17.3%
6138 · Cachuma Watershed Mgmt Study	0.00				2,234.01	50,000.00	-47,765.99	4.47%	2,234.01	50,000.00	-47,765.99	4.47%
<b>Total 6000 · SPECIAL PROJECTS</b>	<b>0.00</b>				<b>513,141.85</b>	<b>1,600,050.00</b>	<b>-1,086,908.15</b>	<b>32.07%</b>	<b>513,141.85</b>	<b>1,600,050.00</b>	<b>-1,086,908.15</b>	<b>32.07%</b>
<b>6200 · FISHERIES ACTIVITIES</b>												
6201 · FMP Implementation	1,359.75	35,000.00	-33,640.25	3.89%	0.00				1,359.75	35,000.00	-33,640.25	3.89%
6202 · GIS and Mapping	2,850.00	10,000.00	-7,150.00	28.5%	0.00				2,850.00	10,000.00	-7,150.00	28.5%
6205 · USGS Stream Gauge Program	44,475.00	105,000.00	-60,525.00	42.36%	0.00				44,475.00	105,000.00	-60,525.00	42.36%
6207 · Oak Tree Restoration Program	15,500.42	25,000.00	-9,499.58	62.0%	0.00				15,500.42	25,000.00	-9,499.58	62.0%
<b>Total 6200 · FISHERIES ACTIVITIES</b>	<b>64,185.17</b>	<b>175,000.00</b>	<b>-110,814.83</b>	<b>36.68%</b>	<b>0.00</b>				<b>64,185.17</b>	<b>175,000.00</b>	<b>-110,814.83</b>	<b>36.68%</b>
<b>6300 · HABITAT ENHANCEMENT</b>												
6303 · Tributary Projects Support	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
<b>Total 6300 · HABITAT ENHANCEMENT</b>	<b>0.00</b>	<b>10,000.00</b>	<b>-10,000.00</b>	<b>0.0%</b>	<b>0.00</b>				<b>0.00</b>	<b>10,000.00</b>	<b>-10,000.00</b>	<b>0.0%</b>
7007 · INTEREST EXPENSE-EPFP	0.00				115.47	0.00	115.47	100.0%	115.47	0.00	115.47	100.0%
<b>Total Expense</b>	<b>\$ 918,073.16</b>	<b>\$ 1,427,013.00</b>	<b>\$ (508,939.84)</b>	<b>64.34%</b>	<b>\$ 2,033,785.30</b>	<b>\$ 3,865,221.00</b>	<b>\$ (1,831,435.70)</b>	<b>52.62%</b>	<b>\$ 2,951,858.46</b>	<b>\$ 5,292,234.00</b>	<b>\$ (2,340,375.54)</b>	<b>55.78%</b>
<b>Net Income</b>	<b>\$ 130,885.60</b>	<b>\$ -</b>	<b>\$ 130,885.60</b>	<b>100.0%</b>	<b>\$ 956,884.25</b>	<b>\$ -</b>	<b>\$ 956,884.25</b>	<b>100.0%</b>	<b>\$ 1,087,769.85</b>	<b>\$ -</b>	<b>\$ 1,087,769.85</b>	<b>100.0%</b>

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# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	April 25, 2022
Submitted by:	Janet Gingras

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**SUBJECT:** Investment Report – March 31, 2022

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### **RECOMMENDATION**

The Board of Directors receive and file the Cachuma Operation & Maintenance Board Investment Report as of March 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 March 2022, is reported at 0.365%.

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	2/28/2022	\$	2,016,358.56
(+) Deposits/Credits			-
(-) Checks/Withdrawals			(500,000.00)
Statement Balance	3/31/2022	\$	1,516,358.56

#### 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	2/28/2022	\$	74,033.06
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	3/31/2022	\$	74,033.06
American Riviera Bank			
Warren Act Trust Fund			
Previous Balance	2/28/2022	\$	170,715.72
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	3/31/2022	\$	170,715.72

**STATEMENT**

The above statement of investment activity for the month of March 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.

  
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 Secretary

**Cachuma Operation & Maintenance Board**

**Paid Claims**

As of March 31, 2022

Date	Num	Name	Memo	Amount
<b>1050 - General Fund</b>				
03/01/2022	29174	All Around Landscape Supply	Supplies (Ops)	-70.24
03/01/2022	29175	American Riviera Bank - Card Service	Adobe, Website Hosting, 1099s, Conference & Signage (Ops & Fisheries)	-1,474.74
03/01/2022	29176	Cori Hayman	Director Meeting Fees February 2022	-300.00
03/01/2022	29177	ECHO Communications	Message Service March 2022	-83.25
03/01/2022	29178	Gilbert Paez Tile & Marble Specialist	COMB Building Replacement - Countertop Installation	-1,580.00
03/01/2022	29179	Harrison Hardware	Supplies (Fisheries)	-17.44
03/01/2022	29180	Hudson Waterproofing	Deck Coating	-9,240.00
03/01/2022	29181	Instrument & Valve Services Company	Calibration of Equipment	-1,780.00
03/01/2022	29182	Integra Chemical Company	Carpinteria Reservoir Treatment Supplies	-2,919.95
03/01/2022	29183	J&C Services	Office Cleaning Service - Weekly 1/28/22-2/18/22	-680.00
03/01/2022	29184	Kristen Sneddon	Director Meeting Fees February 2022	-150.00
03/01/2022	29185	Lauren W. Hanson	Director Meeting Fees February 2022	-300.00
03/01/2022	29186	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 2/4/22 & 2/18/22	-206.55
03/01/2022	29187	Polly Holcombe	Director Meeting Fees February 2022	-128.00
03/01/2022	29188	Staples Business Credit	Office Supplies (Ops & Fisheries)	-562.59
03/01/2022	29189	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 6054ci	-27.18
03/01/2022	29190	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance February 2022	-480.00
03/01/2022	ACH-022322	WEX Fleet Universal	Fleet Fuel January 2022	-1,725.10
03/08/2022	29191	Association of Ca Water Agencies/JPIA	April 2022 Health Benefits Premium	-30,710.48
03/08/2022	29192	Bedrock Building Supplies	Materials (Ops)	-358.88
03/08/2022	29193	City of Santa-Barbara	Trash & Recycling February 2022	-326.22
03/08/2022	29194	CMRS-FP	Deposit - Postage on Account	-300.00
03/08/2022	29195	Core and Main, LP	Repair of Ortega Reservoir Effluent Pipeline - Materials (Ops)	-102.18
03/08/2022	29196	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality Sampling	-775.00
03/08/2022	29197	Federal Express	Shipping (Ops)	-118.91
03/08/2022	29198	Frontier Communications	Phone Service - Main Office Land Lines	-107.82
03/08/2022	29199	Home Depot Credit Services	Supplies (Ops)	-159.53
03/08/2022	29200	HydraTech Engineered Products, LLC	Repair of Ortega Reservoir Effluent Pipeline - Materials (Ops)	-12,675.00
03/08/2022	29201	Ian's Tire & Auto Repair	2003 Ford F-150 - Tire Replacement (Fisheries)	-904.52
03/08/2022	29202	MarBorg Industries	Portable Facilities (Ops)	-387.92
03/08/2022	29203	Musick, Peeler & Garrett LLP	General Counsel January 2022 (Ops & Fisheries)	-3,358.00
03/08/2022	29204	Powell Garage	2018 Ford F-150 Service (Fisheries)	-713.57
03/08/2022	29205	Powell Garage	2015 Ford F-150 Oil & Brake Service (Fisheries)	-588.34
03/08/2022	29206	Powell Garage	2003 Ford F-150 Major Service (Fisheries)	-1,057.40
03/08/2022	29207	Premiere Global Services	Conference Calls February 2022	-26.62
03/08/2022	29208	Southern California Edison	Electricity - Main Office & Outlying Stations	-1,199.52
03/08/2022	29209	Spatial Wave	GIS & Mapping - Field Mapplet Software Maintenance April-June 2022 (Ops)	-925.00
03/08/2022	29210	The Wharf	Personal Protection Equipment (Ops)	-175.00
03/08/2022	29211	Turenchalk Network Services, Inc.	Network Support February 2022 (Ops & Fisheries)	-3,346.40
03/08/2022	29212	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-128.80
03/08/2022	29213	WEX Fleet Universal	Fleet Fuel February 2022	-176.98
03/08/2022	29214	WEX Fleet Universal	Fleet Fuel February 2022	-3,721.86
03/15/2022	29215	Aqua-Flo Supply	Repair of Ortega Reservoir Effluent Pipeline - Materials (Ops)	-876.59
03/15/2022	29216	AT&T	Long Distance Service 1/28-2/27/22	-34.64
03/15/2022	29217	Channel City Lumber	Carson Trailer Bed Repair - Materials (Ops)	-503.61
03/15/2022	29218	Coastal Copy, LP	Copier Maintenance - Kyocera Taskalfas 3253ci & 6054ci	-263.25
03/15/2022	29219	Famcon Pipe & Supply	Repair of Ortega Reservoir Effluent Pipeline - Materials (Ops)	-254.48
03/15/2022	29220	Impulse Advanced Communications	Phone Service - Main Office	-859.89
03/15/2022	29221	McMaster-Carr Supply Co.	Repair of Ortega Reservoir Effluent Pipeline - Materials (Ops)	-224.42
03/15/2022	29222	Rayne of Santa Barbara Inc	March RO Rental	-32.00
03/15/2022	29223	Southern California Edison	Electricity - 1700 Glen Annie Rd Gate	-19.97
03/15/2022	29224	Verizon Wireless	Wireless Services - Cell Phone, Modems, SCADA USBs, iPads	-721.21
03/15/2022	29225	West Fork Environmental	Small Creek PIT Array (Fisheries)	-20,048.16
03/22/2022	29226	All Around Landscape Supply	Supplies (Ops)	-175.32
03/22/2022	29227	American Riviera Bank - Card Service	Adobe, Website Hosting, Ortega Expense, Permit, Supplies (Ops & Fisheries)	-6,721.41
03/22/2022	29228	Atlas Performance Industries, Inc.	COMB Office Building - Admin Trailer Progress Bill	-41,581.33
03/22/2022	29229	Carpinteria Valley Lumber Company	Supplies (Ops)	-78.35
03/22/2022	29230	Cushman Contracting Corp.	EPFP Pumping System - Pay Req #95	-3,500.00
03/22/2022	29231	Famcon Pipe & Supply	Repair of Ortega Reservoir Effluent Pipeline - Materials (Ops)	-223.62
03/22/2022	29232	Federal Express	Shipping (Ops)	-65.10
03/22/2022	29233	Otis Elevator Company	North Portal Elevator Maintenance 4/1/22-6/30/22	-3,104.34
03/22/2022	29234	PG&E	Electricity - Tecolote Tunnel	-24.64
03/22/2022	29235	SB Home Improvement Center	Supplies (Fisheries)	-4.49

Cachuma Operation & Maintenance Board

**Paid Claims**

As of March 31, 2022

Date	Num	Name	Memo	Amount
03/22/2022	29236	Southern California Edison	Electricity - Outlying Stations (Ops)	-18.39
03/22/2022	29237	Sparkletts	Operations Safety	-91.79
03/22/2022	29238	HydraTech Engineered Products, LLC	Repair of Ortega Reservoir Effluent Pipeline - Materials & Travel	-4,561.53
03/24/2022	29239	Bureau of Reclamation	USBR 2022 Water Rates 2nd Period Obligation 4/1/22 - 10/1/22	-1,313,569.56
Total 1050 · General Fund				-1,481,627.08
<b>TOTAL</b>				<b>-1,481,627.08</b>

**APPROVALS**

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# CACHUMA OPERATION & MAINTENANCE BOARD

## Administrative Committee Meeting

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Thursday, April 14, 2022  
10:00 A.M.

### AGENDA

Chair: Director Holcombe  
Member: Director Hanson

1. Call to Order
2. Public Comment (*Public may address the Committee on any subject matter within the Committee's jurisdiction*)
3. Financial Review – 3<sup>rd</sup> Quarter Fiscal Year 2021-22 (*for information*)
4. Existing State of Emergency Order – COVID-19 Update - Public Meetings (*for information and possible recommendation*)
5. Adjournment

#### NOTICE TO THE PUBLIC

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

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

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## Special Operations Committee Meeting

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Tuesday, April 19, 2022  
12:00 P.M.

### AGENDA

Chair: Director Sneddon  
Member: Director Holcombe

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

#### NOTICE TO THE PUBLIC

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

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

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

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	April 25, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

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**SUBJECT:** Resolution No. 747 – Confirmation of Local Emergency – Ratification of Governor Newsom’s Declared State of Emergency (Health and Safety)

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**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. 747 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 effective through April 28, 2022.

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. As of last week, the social distancing recommendation is still in place. Covid-19 cases reported in Santa Barbara County over the past week (as of April 15<sup>th</sup>) were about 50% more than the previous week.

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.

The BA.2 Omicron highly infectious subvariant is now the dominant version of the coronavirus abroad and in the nation. According to Santa Barbara County Health Officer Dr. Henning Ansorg, a new mutation is an Omicron variant called XE and has been identified in Great Britain, where researchers had sequenced 630 cases as of early April. The XE variant has been found in New England, but on the West Coast, the majority of virus sequences are still the two Omicron variants — the BA.1 and newer BA.2 — that are “parents” to XE, which has bits and pieces of both. All the variants, from Alpha through Omicron, have each been more contagious than the last. Cases of the BA.2 Omicron variant are increasing in all major California cities as well as locally in Santa Barbara County. According to data released in late March, 14.7% of coronavirus samples analyzed for L.A. County between Feb. 27 and March 5 were the highly contagious BA.2 subvariant. That is more than double the previous week’s figure of 6.4%. Concerns now are that new cases have also been significantly underreported as a result of the use of at-home test kits and lower testing overall, which can mislead the population.

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.

***In-Person Meeting Protocols, Alternative Methods of Participation and Board Room Mitigations:***

In accordance with the State of Emergency declaration issued on March 4, 2020 by the Governor of the State of California in response to COVID-19 and Government Code 54953(e), COMB could provide alternative methods of meeting participation (hybrid approach) which permit members of the public to observe and address public meetings telephonically and/or electronically. There have been noted instances of poor audio and video connection in utilizing a hybrid approach.

If in-person meetings are resumed by the Board, COMB would need configure indoor space to provide social distancing of three to six feet. COMB would require that anyone experiencing symptoms of illness to stay home. Hand sanitizing stations and face masks would be made available for Directors, staff and the public as needed. Staff has recently purchased air purifiers which utilize both HEPA and Activated Carbon filters. These purifiers also sanitize the air to remove biological hazards via ultra violet light and ionizers. In response to changes in the pandemic landscape, COMB may need to institute other safety measures to protect the safety of all in attendance at any COMB public meeting.

Staff would notice these protocols and requirements for in-person meeting attendance beginning with all meetings scheduled after a specific Board approved date, unless further legislation modifying public meetings is signed into law prior to that date.

**FISCAL IMPACTS:**

Miscellaneous expenses such as masks, hand sanitizer and disinfectant wipes are nominal in cost.

**LEGAL CONCURRENCE:**

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

**COMMITTEE STATUS:**

On April 14, 2022, the Administrative Committee received an update on the existing state of emergency and local COVID-19 status and forwards information to the Board of Directors for discussion with a recommendation to adopt Resolution No. 747.

**LIST OF EXHIBITS:**

N/A

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**RESOLUTION NO. 747**

**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 APRIL 25, 2022 THROUGH MAY 25, 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 April 25, 2022, and shall be effective until the earlier of (i) May 25, 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.

**ADOPTED** by the COMB Governing Board on April 25, 2022, by the following roll call votes:

AYES:

NOES:

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:	April 25, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

**SUBJECT:** Financial Review – 3rd Quarter Fiscal Year 2021-22

**RECOMMENDATION:**

The Board of Directors receive a presentation on the 3<sup>rd</sup> 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 collected \$1.3M from the Cachuma Project Member Units in pass-through charges related to the US Bureau of Reclamation 2<sup>nd</sup> Period Entitlement Obligation for the period April 1 – September 30, 2022.
- COMB assessed and collected \$1.1M from the COMB Member Agencies in quarterly Operation & Maintenance (O&M) Budget Assessments for the period January – March 2022.
- COMB collected \$90K from the County of Santa Barbara for its annual contribution to the Cachuma Project Betterment Fund.
- COMB collected \$17.9k from Your Children’s Trees for planting and maintaining 100 native oak trees at Live Oak Camp at Lake Cachuma County Park.
- COMB collected \$15k from a non-member agency as reimbursement for Cachuma Project 2000 Biological Opinion (BiOp) and Oak Tree Mitigation activities performed during January - March 2021.

- COMB collected \$9.2K from the Warren Act Trust Fund and Renewal Fund for Fisheries and Oak Tree Program related expenses.
- COMB collected \$1.3K in interest income for funds held with LAIF.

### **Expenditures To Date (% of Budget Apportioned thru March – 75%)**

#### **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%). General and Administrative expenses thru March totaled \$225.6K (63.7%) and are 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 \$622.5K (70.9%). Costs in this category are on trend and generally occur evenly throughout the year.

#### **Operations Division**

- Operations Labor includes salaries, employer-paid payroll taxes, health insurance and retirement benefit costs. Actual personnel costs of \$662.1K (64.7%) are under budget due to staff vacancies.
- Vehicles & Equipment includes funds for the purchase of fixed capital, equipment rental, vehicle and equipment maintenance, and fuel costs. Actual costs of \$27.3K (23.7%) were lower than budget due to lower than projected fixed capital equipment costs. The annual budget includes the purchase of a new fleet vehicle which is projected to be purchased in the fourth quarter of the fiscal year.
- 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 \$124.1K (95.4%) were higher than the year-to-date apportioned budget. Notable expenditures in this category include CalPortland Construction re: Highway 192 project (\$44k), COMB Building Replacement re: electrical and cabling (\$20k), Rain for Rent re: Carpinteria Reservoir cleaning (\$15.9k), Eurofins re: water quality sampling (\$12.8k) 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 \$83.5K (98.2%) were 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 \$26.2K (54.3%) 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 thru March totaled \$514.4K. This amount is attributed to the following projects: the COMB Office Building (\$175.6k), SCC Structure Rehabilitation (\$171.6k), SCC Isolation Valve Project (\$69.2K), Lake Cachuma

Secured Pipeline (\$34.6K), COMB Right of Way Management Program (\$18.9K), Lake Cachuma Watershed Sanitary Project (\$16.8K), and SCADA (\$18.5K). 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 thru March of \$2M (52.6%) for FY 2021-22 were within budget.**
- **The projected annualized Operations Division expenses of \$3.4M for FY 2021-22 are reflected in Table 2:**

**Table 2**  
**Operations Division**

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Projected Apr-Jun	Annual Projected	Annual Budget	Over / (Under) Budget (\$)	% of Budget
Revenue								
Revenue	\$ 921,847	\$ 1,154,474	\$ 875,728	\$ 915,961	\$ 3,868,010	\$ 3,865,221	\$ 2,789	100.1%
Expense								
General and Admin Expenses	\$ 43,003	\$ 73,960	\$ 36,560	36,454	189,977	237,453	(47,476)	80.0%
General and Admin Labor	\$ 165,875	\$ 132,643	\$ 144,066	158,568	601,152	620,531	(19,379)	96.9%
O&M Labor	\$ 235,575	\$ 205,696	\$ 220,877	204,512	866,660	1,023,887	(157,227)	84.6%
O&M Vehicle & Equip	\$ 8,882	\$ 12,113	\$ 6,306	83,471	110,771	115,000	(4,229)	96.3%
O&M Contract Labor	\$ 11,751	\$ 7,408	\$ 104,910	19,536	143,605	130,000	13,605	110.5%
O&M Material and Supplies	\$ 27,856	\$ 45,923	\$ 9,683	1,038	84,500	85,000	(500)	99.4%
O&M Other Expenses	\$ 7,735	\$ 10,115	\$ 8,380	15,035	41,265	48,300	(7,035)	85.4%
O&M Special Projects	\$ 140,464	\$ 112,326	\$ 261,564	823,012	1,337,366	1,605,050	(267,684)	83.3%
Total Expense	\$ 641,141	\$ 600,183	\$ 792,345	\$ 1,341,626	\$ 3,375,296	\$ 3,865,221	\$ (489,925)	87.3%
Net Surplus / (Deficit)	\$ 280,706	\$ 554,290	\$ 83,383	\$ (425,665)	\$ 492,714	\$ -	\$ 492,714	

Note:

Note: Results are unaudited and subject to change.

Projected (Apr-Jun) based on current projects and open and unpaid contractual commitments.

### **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. Personnel costs of \$535.5K (70.9%) 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 \$54.4K (66.0%) were lower than budget due to lower than projected vehicle maintenance costs and fixed capital purchases.
- **Contract Labor** contains funds for outside services/labor to support equipment calibration on flow meters, and funds for technical assistance corresponding to the operation, maintenance and performance review of completed fish passage projects. Actual costs of \$6.1K (31.8%) were lower than budget. Projected consultant services are reviewed by the COMB General Manager and Fisheries Division Manager to control costs in this category.
- **Materials and Supplies** includes costs for the purchase of items needed for the Fisheries Monitoring Program specifically for migration, spawning and over-summering, constructing and repairing fish migration traps and the equipment necessary to conduct snorkel and redds surveys. Actual costs of \$2.1K (30.5%) were within budget.
- **Other Expenses** includes funds to pay for uniforms and gear for the fisheries division employees. Actual costs of \$3.7K (106.7%) were higher than budget. Notable expenses include the purchase of dry suits and boots for staff (\$3.2K).

- 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 \$64.2K (36.7%) were lower than budget due to delayed billing under the USGS Stream Gauge Program. These costs will appear during the fourth quarter.
- Fisheries Habitat Improvement – There were no costs recorded in this category during the 2<sup>nd</sup> quarter. Board policy requires that all habitat improvement projects be approved through Committee and by the Board prior to commencement.
- **The total Fisheries Division expenses thru December of \$918.1K (64.3%) for FY 2021-22 were within budget.**
- **The projected annualized Fisheries Division expenses of \$1.24M for FY 2021-22 are reflected in Table 3 below:**

**Table 3**  
Fisheries Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Projected Apr-Jun	Annual Projected	Annual Budget	Over/(Under) Budget (\$)	% of Budget
Revenue								
Revenue	\$ 349,764	\$ 335,654	\$ 363,540	\$ 378,055	\$ 1,427,013	\$ 1,427,013	\$ 0	100.0%
Expense								
General and Admin Expenses	16,168	38,036	17,831	11,521	83,556	116,426	(32,870)	71.8%
General and Admin Labor	65,109	53,723	61,124	56,285	236,241	258,029	(21,788)	91.6%
Fisheries Labor	186,694	161,104	187,743	161,723	697,264	755,458	(58,194)	92.3%
Fisheries Vehicle & Equip	5,999	7,730	40,683	16,608	71,019	82,500	(11,481)	86.1%
Fisheries Contract Labor	-	5,184	892	0	6,076	19,100	(13,024)	31.8%
Fisheries Material and Supplies	1,650	373	111	2,147	4,281	7,000	(2,719)	61.2%
Fisheries Other Expenses	1,789	1,177	770	750	4,485	3,500	985	128.1%
Fisheries Activities	22,020	12,364	29,801	73,381	137,566	175,000	(37,434)	78.6%
Fisheries Habitat Enhancement	-	-	-	2,500	2,500	10,000	(7,500)	25.0%
Total Expense	\$ 299,429	\$ 279,690	\$ 338,954	\$ 324,915	\$ 1,242,988	\$ 1,427,013	\$ (184,025)	87.1%
Net Surplus / (Deficit)	\$ 50,335	\$ 55,964	\$ 24,587	\$ 53,140	\$ 184,025	\$ -	\$ 184,025	

Note: Results are unaudited and subject to change.

Projected (Apr-Jun) based on current projects and open and unpaid contractual commitments.

### **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. 175r-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

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

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.

**COMMITTEE STATUS:**

The Administrative Committee received a presentation on the 3<sup>rd</sup> Quarter Fiscal Year 2021-22 Financial Review and forwards to the Board of Directors with a recommendation to receive and file.

**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-Mar 22	Annual Budget	\$ Over / (Under) Budget	% of Budget	Jul 21-Mar 22	Annual Budget	\$ Over / (Under) Budget	% of Budget	Jul 21-Mar 22	Budget	\$ Over / (Under) Budget	% of Budget
<b>Revenue</b>												
Revenue	\$ 1,048,958.76	\$ 1,427,013.00	\$ (378,054.24)	73.5%	\$ 2,952,048.99	\$ 3,865,221.00	\$ (913,172.01)	76.4%	\$ 4,001,007.75	\$ 5,292,234.00	\$ (1,291,226.25)	75.6%
<b>Total Revenue</b>	<b>1,048,958.76</b>	<b>1,427,013.00</b>	<b>(378,054.24)</b>	<b>73.5%</b>	<b>2,952,048.99</b>	<b>3,865,221.00</b>	<b>(913,172.01)</b>	<b>76.4%</b>	<b>4,001,007.75</b>	<b>5,292,234.00</b>	<b>(1,291,226.25)</b>	<b>75.6%</b>
<b>Expense</b>												
General and Admin Expenses	72,034.56	116,426.00	(44,391.44)	61.9%	153,522.96	237,453.00	(83,930.04)	64.7%	225,557.52	353,879.00	(128,321.48)	63.7%
General and Admin Labor	179,956.35	258,029.00	(78,072.65)	69.7%	442,584.19	620,531.00	(177,946.81)	71.3%	622,540.54	878,560.00	(256,019.46)	70.9%
O&M Labor	-	-	-	-	662,148.25	1,023,887.00	(361,738.75)	64.7%	662,148.25	1,023,887.00	(361,738.75)	64.7%
O&M Vehicle & Equip	-	-	-	-	27,300.33	115,000.00	(87,699.67)	23.7%	27,300.33	115,000.00	(87,699.67)	23.7%
O&M Contract Labor	-	-	-	-	124,068.53	130,000.00	(5,931.47)	95.4%	124,068.53	130,000.00	(5,931.47)	95.4%
O&M Material and Supplies	-	-	-	-	83,461.95	85,000.00	(1,538.05)	98.2%	83,461.95	85,000.00	(1,538.05)	98.2%
O&M Other Expenses	-	-	-	-	26,230.01	48,300.00	(22,069.99)	54.3%	26,230.01	48,300.00	(22,069.99)	54.3%
O&M Special Projects	-	-	-	-	514,353.61	1,605,050.00	(1,090,696.39)	32.0%	514,353.61	1,605,050.00	(1,090,696.39)	32.0%
Fisheries Labor	535,540.86	755,458.00	(219,917.14)	70.9%	-	-	-	-	535,540.86	755,458.00	(219,917.14)	70.9%
Fisheries Vehicle & Equip	54,411.28	82,500.00	(28,088.72)	66.0%	-	-	-	-	54,411.28	82,500.00	(28,088.72)	66.0%
Fisheries Contract Labor	6,075.54	19,100.00	(13,024.46)	31.8%	-	-	-	-	6,075.54	19,100.00	(13,024.46)	31.8%
Fisheries Material and Supplies	2,134.09	7,000.00	(4,865.91)	30.5%	-	-	-	-	2,134.09	7,000.00	(4,865.91)	30.5%
Fisheries Other Expenses	3,735.31	3,500.00	235.31	106.7%	-	-	-	-	3,735.31	3,500.00	235.31	106.7%
Fisheries Activities	64,185.17	175,000.00	(110,814.83)	36.7%	-	-	-	-	64,185.17	175,000.00	(110,814.83)	36.7%
Fisheries Habitat Enhancement	-	10,000.00	(10,000.00)	0.0%	-	-	-	-	-	10,000.00	(10,000.00)	0.0%
Other Interest Expense - EPFP	-	-	-	0.0%	-	-	-	-	-	-	-	0.0%
<b>Total Expense</b>	<b>918,073.16</b>	<b>1,427,013.00</b>	<b>(508,939.84)</b>	<b>64.3%</b>	<b>2,033,669.83</b>	<b>3,865,221.00</b>	<b>(1,831,551.17)</b>	<b>52.6%</b>	<b>2,951,742.99</b>	<b>5,292,234.00</b>	<b>(2,340,491.01)</b>	<b>55.8%</b>
<b>Surplus / (Deficit) - O&amp;M</b>	<b>\$ 130,885.60</b>	<b>\$ -</b>	<b>\$ 130,885.60</b>		<b>\$ 918,379.16</b>	<b>\$ -</b>	<b>\$ 918,379.16</b>		<b>\$ 1,049,264.76</b>	<b>\$ -</b>	<b>\$ 1,049,264.76</b>	
<b>Pass Thru Charges</b>												
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
<b>Sub Total Pass Thru Charges</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		<b>\$ 38,505.09</b>	<b>\$ -</b>	<b>\$ 38,505.09</b>	<b>N/A</b>	<b>\$ 38,505.09</b>	<b>\$ -</b>	<b>\$ 38,505.09</b>	<b>N/A</b>
<b>Net Surplus / (Deficit)</b>	<b>\$ 130,885.60</b>	<b>\$ -</b>	<b>\$ 130,885.60</b>		<b>\$ 956,884.25</b>	<b>\$ -</b>	<b>\$ 956,884.25</b>	<b>N/A</b>	<b>\$ 1,087,769.85</b>	<b>\$ -</b>	<b>\$ 1,087,769.85</b>	<b>N/A</b>

Note: Results are unaudited and subject to change.

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# Cachuma Operation & Maintenance Board

Financial Review – 3<sup>rd</sup> Quarter  
Fiscal Year 2021-22



# Financial Review

## Revenues Collected – 3<sup>rd</sup> Quarter

<b>USBR Entitlement Obligation (Apr - Sep 2022)</b>	<b>\$ 1,313,570</b>
<b>COMB O&amp;M Budget Assessment (Jan - Mar 2022)</b>	<b>1,123,816</b>
<b>County of Santa Barbara - Betterment Fund Contribution</b>	<b>90,000</b>
<b>Your Children's Trees re: Oak Tree Planting at Live Oak Camp</b>	<b>17,943</b>
<b>2000 BiOp and Oak Tree Mitigation Reimbursement</b>	<b>15,000</b>
<b>Warren Act Trust Fund / Renewal Fund Reimbursement</b>	<b>9,185</b>
<b>Interest Income</b>	<b>1,266</b>
<b>Total Revenues</b>	<b>\$ 2,570,780</b>

# Financial Review

	Operations Division			
	Jul - Mar (YTD)	Annual Budget	Over / (Under) Budget (\$)	% of Budget
<b>Revenue</b>				
Revenue	\$ 2,952,049	\$ 3,865,221	\$ (913,172)	76.4%
<b>Expense</b>				
General and Admin Expenses	153,523	237,453	(83,930)	64.7%
General and Admin Labor	442,584	620,531	(177,947)	71.3%
O&M Labor	662,148	1,023,887	(361,739)	64.7%
O&M Vehicle & Equip	27,300	115,000	(87,700)	23.7%
O&M Contract Labor	124,069	130,000	(5,931)	95.4%
O&M Material and Supplies	83,462	85,000	(1,538)	98.2%
O&M Other Expenses	26,230	48,300	(22,070)	54.3%
O&M Special Projects	514,354	1,605,050	(1,090,696)	32.0%
<b>Total Expense</b>	\$ 2,033,670	\$ 3,865,221	\$ (1,831,551)	52.6%
<b>Net Surplus / (Deficit)</b>	\$ 918,379	\$ -	\$ 918,379	100.0%

Note: Results are unaudited and subject to change.

# Financial Review

## Operations Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Projected Apr-Jun	Annual Projected	Annual Budget	Over / (Under) Budget (\$)	% of Budget
<b>Revenue</b>								
Revenue	\$ 921,847	\$ 1,154,474	\$ 875,728	\$ 915,961	\$ 3,868,010	\$ 3,865,221	\$ 2,789	100.1%
<b>Expense</b>								
General and Admin Expense	\$ 43,003	\$ 73,960	\$ 36,560	36,454	189,977	237,453	(47,476)	80.0%
General and Admin Labor	\$ 165,875	\$ 132,643	\$ 144,066	158,568	601,152	620,531	(19,379)	96.9%
O&M Labor	\$ 235,575	\$ 205,696	\$ 220,877	204,512	866,660	1,023,887	(157,227)	84.6%
O&M Vehicle & Equip	\$ 8,882	\$ 12,113	\$ 6,306	83,471	110,771	115,000	(4,229)	96.3%
O&M Contract Labor	\$ 11,751	\$ 7,408	\$ 104,910	19,536	143,605	130,000	13,605	110.5%
O&M Material and Supplies	\$ 27,856	\$ 45,923	\$ 9,683	1,038	84,500	85,000	(500)	99.4%
O&M Other Expenses	\$ 7,735	\$ 10,115	\$ 8,380	15,035	41,265	48,300	(7,035)	85.4%
O&M Special Projects	\$ 140,464	\$ 112,326	\$ 261,564	823,012	1,337,366	1,605,050	(267,684)	83.3%
<b>Total Expense</b>	<b>\$ 641,141</b>	<b>\$ 600,183</b>	<b>\$ 792,345</b>	<b>\$ 1,341,626</b>	<b>\$ 3,375,296</b>	<b>\$ 3,865,221</b>	<b>\$ (489,925)</b>	<b>87.3%</b>
<b>Net Surplus / (Deficit)</b>	<b>\$ 280,706</b>	<b>\$ 554,290</b>	<b>\$ 83,383</b>	<b>\$ (425,665)</b>	<b>\$ 492,714</b>	<b>\$ -</b>	<b>\$ 492,714</b>	

Note:

Note: Results are unaudited and subject to change.

Projected (Apr-Jun) based on current projects and open and unpaid contractual commitments.

# Financial Review

	Fisheries Division			
	Jul-Mar (YTD)	Annual Budget	Over / (Under) Budget (\$)	% of Budget
<b>Revenue</b>				
Revenue	\$ 1,048,959	\$ 1,427,013	\$ (378,054)	73.5%
<b>Expense</b>				
General and Admin Expenses	72,035	116,426	(44,391)	61.9%
General and Admin Labor	179,956	258,029	(78,073)	69.7%
Fisheries Labor	535,541	755,458	(219,917)	70.9%
Fisheries Vehicle & Equip	54,411	82,500	(28,089)	66.0%
Fisheries Contract Labor	6,076	19,100	(13,024)	31.8%
Fisheries Material and Supplies	2,134	7,000	(4,866)	30.5%
Fisheries Other Expenses	3,735	3,500	235	106.7%
Fisheries Activities	64,185	175,000	(110,815)	36.7%
Fisheries Habitat Enhancement	-	10,000	(10,000)	0.0%
<b>Total Expense</b>	\$ 918,073	\$ 1,427,013	\$ (508,940)	64.3%
<b>Net Surplus / (Deficit)</b>	\$ 130,886	\$ -	\$ 130,886	100.0%

Note: Results are unaudited and subject to change.

# Financial Review

Table 3  
Fisheries Division

	Actual Jul-Sep	Actual Oct-Dec	Actual Jan-Mar	Projected Apr-Jun	Annual Projected	Annual Budget	Over/(Under) Budget (\$)	% of Budget
<b>Revenue</b>								
Revenue	\$ 349,764	\$ 335,654	\$ 363,540	\$ 378,055	\$ 1,427,013	\$ 1,427,013	\$ 0	100.0%
<b>Expense</b>								
General and Admin Expenses	16,168	38,036	17,831	11,521	83,556	116,426	(32,870)	71.8%
General and Admin Labor	65,109	53,723	61,124	56,285	236,241	258,029	(21,788)	91.6%
Fisheries Labor	186,694	161,104	187,743	161,723	697,264	755,458	(58,194)	92.3%
Fisheries Vehicle & Equip	5,999	7,730	40,683	16,608	71,019	82,500	(11,481)	86.1%
Fisheries Contract Labor	-	5,184	892	0	6,076	19,100	(13,024)	31.8%
Fisheries Material and Supplies	1,650	373	111	2,147	4,281	7,000	(2,719)	61.2%
Fisheries Other Expenses	1,789	1,177	770	750	4,485	3,500	985	128.1%
Fisheries Activities	22,020	12,364	29,801	73,381	137,566	175,000	(37,434)	78.6%
Fisheries Habitat Enhancement	-	-	-	2,500	2,500	10,000	(7,500)	25.0%
<b>Total Expense</b>	<b>\$ 299,429</b>	<b>\$ 279,690</b>	<b>\$ 338,954</b>	<b>\$ 324,915</b>	<b>\$ 1,242,988</b>	<b>\$ 1,427,013</b>	<b>\$ (184,025)</b>	<b>87.1%</b>
<b>Net Surplus / (Deficit)</b>	<b>\$ 50,335</b>	<b>\$ 55,964</b>	<b>\$ 24,587</b>	<b>\$ 53,140</b>	<b>\$ 184,025</b>	<b>\$ -</b>	<b>\$ 184,025</b>	

Note: Results are unaudited and subject to change.

Projected (Apr-Jun) based on current projects and open and unpaid contractual commitments.



# Financial Review

## Upcoming Deliverables – Administrative Division

- Finalize O&M Budget for FY 2022-23
- Prepare for Accounting Trailer Replacement
- Revise Draft COMB Sustainability Plan
- Update COMB Personnel Policy and Employee Handbook
- Advancement of ACWA JPIA Commitment to Excellence Program
- Prepare for Year Close and Annual Audit

# Financial Review

**QUESTIONS?**

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	April 25, 2022
Submitted by:	Joel Degner
Approved by:	Janet Gingras

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**SUBJECT:**     **Ratification of Addendum to Emergency Engineering Contract - Ortega Reservoir Repair**

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**RECOMMENDATION:**

The Board of Directors review the staff report and additional engineering costs for the emergency repair (temporary and permanent) of the outflow pipeline at Ortega Reservoir and ratify an amendment to the Professional Services Agreement with Flowers & Associates Engineers in an amount not-to-exceed \$6,300.

**SMMARY:**

COMB engineering and operations division staff worked closely with the contractor (Cushman Contracting Corp.) and the engineering firm (Flowers and Associates, Inc.) during the Ortega Emergency Repair project. A Professional Services Agreement was executed with Flowers and Associates (Flowers) for \$30,000 for engineering work and ratified by the Board during the time of the repair project. One of the unexpected secondary conditions that came to light during the repair of the pipeline was that the HDPE pipeline inside the reservoir became vulnerable to cracking/displacement due to its unforeseen floating condition through the non-discharge period.

In addition, Flowers staff performed critical, time-sensitive research and investigation from various manufacturers to secure a patented repair and installation process and confirm project applicability for the circumferential crack repair. The design of the reinforced concrete collar around the external repair clamp was also completed by Flowers. The original scope of services approved and ratified by the Board did not include this additional, unexpected engineering work.

Per COMB's procurement policy for emergency work, staff executed a contract addendum with Flowers in the amount of \$6,300. The policy states the General Manager will submit a written determination of the basis of the emergency work within 30 days to the full Board for ratification.

**FISCAL IMPACTS:**

Funds for the additional engineering work are contained within the current fiscal year operating budget.

**LIST OF EXHIBITS:**

N/A

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# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	April 25, 2022
Submitted by:	Joel Degner
Approved by:	Janet Gingras

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**SUBJECT:** Purchase of Replacement Fleet Vehicle

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**RECOMMENDATION:**

The Board of Directors receive information on the purchase of a replacement fleet vehicle for the Operations Division and authorize the General Manager to execute a purchase order in an amount not-to-exceed \$85,000 for the purchase of a heavy duty fleet vehicle.

**SUMMARY:**

The Operations Division is in need of a replacement fleet vehicle as considered in the capital planning matrix developed for COMB vehicle replacement purchases. For the past few years, operations staff has been towing the posi-track (bob-cat style equipment) to various rugged work locations by using the crane truck instead of the designated work truck (#127) to tow due to safety issues. The #127 work truck is a 2007 model and the tow hitch is compromised and unsafe for towing equipment. Staff plans on selling the #127 through a public auction market as has been done in the past. Revenue from the sale of the #127 will offset the purchase of a new fleet vehicle.

Staff has received quotations from two sources for the purchase of a replacement vehicle which is heavier duty than the previous COMB service vehicle and designed to tow equipment. The lowest purchase price is available through our Source-well affiliation - National Auto Fleet Group (National). The base model (chassis cab) purchase price from National is \$57,600 (tax and destination charges included) compared to \$61,000 from a retail dealership located in Fresno. In addition, the service body add-on component is priced at \$17,400 (tax included) from National as compared to \$24,000 from the retail dealership which is, overall, a \$10k difference. The vehicle available from National is in stock, arriving in June and is available of on a first-come, first serve basis.

For increased fuel efficiency, the proposed new service vehicle is a diesel and compatible with B20 fuel which is a blend of 20-percent biodiesel and 80 percent conventional diesel, which helps lower carbon dioxide emission and lessons dependence on petroleum. The chassis cab truck is in transit and will be available in June 2022. If the truck remains available, staff is requesting approval for the purchase of the truck with the installed service body components. If the truck is unavailable, staff is requesting approval for the purchase of a similar truck not to exceed \$85,000.

**FISCAL IMPACTS:**

The current fiscal year operating budget contains funding for the purchase of the replacement fleet vehicle not to exceed \$85,000. If the National vehicle can be acquired, the total cost would be \$75,000.

**COMMITTEE STATUS:**

The Operations Committee has reviewed information on the purchase of a replacement fleet vehicle for the Operations Division and forwards the proposed purchase to the Board of Directors with a recommendation to authorize the General Manager to execute a purchase order in an amount not-to-exceed \$85,000 for the purchase of a heavy duty fleet vehicle.

**LIST OF EXHIBITS:**

N/A



Mission Statement:

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

April 25, 2022

## General Manager Report

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

### Administration

- **Fiscal Year 2022-23 Annual Operating Budget**

Staff has developed and submitted the Draft Fiscal Year 2022-23 Annual Operating Budget to Member Agency staff for review and comments. Once comments are received and incorporated, staff will be presenting the draft document to the Administrative Committee in early May with a Board Budget workshop scheduled for mid-May and anticipated Board approval at the regular COMB Board meeting in May.

- **COMB Building Replacement Project**

Preparation in advance of the accounting building demolition has been underway. All furniture and fixtures have been removed from the modular building in preparation for demolition. Staff has re-located workstations and computers to the COMB Board room. Disconnection of electrical and communication conduit has been completed. Contractor mobilization is scheduled to begin Tuesday, April 26, 2022 with demolition to occur for approximately two days. The new mobile office building is scheduled to be delivered by Monday, May 2, 2022 with complete installation expected to take approximately two to three weeks.

- **Contracts Executed by the General Manager – 3rd Quarter Fiscal Year 2021-22**

Pursuant to the COMB Procurement Policy adopted by the Board, a quarterly report of all contracts executed by the General Manager for the period of January 1, 2022 through March 31, 2022 is presented for information.

Under the general procurement guidelines, Section 2 of the COMB Procurement Policy authorizes the General Manager to approve expenditures made for official Agency business up to a maximum of \$25,000, provided such expenditures are within the budget, as adopted by the Agency. Section 3(C) also provides that purchases of supplies, equipment, and non-professional services greater than \$5,000 and less than \$25,000, requires a minimum of two prices quotes be obtained and that the General Manager has authority to select and approve the vendor which meets the best interests of the Agency. Staff adheres to the Board adopted policy for the procurement of all goods and services.

Table 1 below lists all contracts executed by the General Manager for the period January 1, 2022 through March 31, 2022, sorted by execution date.

**Table 1**  
**Contracts Executed by General Manager**  
**January 1, 2022 through March 31, 2022**

<b>Vendor Name</b>	<b>Contract Description</b>	<b>Board Approved</b>	<b>Date Executed</b>	<b>Date Expires</b>	<b>Contract Amount</b>
Cushman Contracting Corp.	Carpinteria Reservoir Cleaning - Emergency Construction	01/10/2022	01/13/2022	06/30/2022	\$36,200
Hudson Roofing & Waterproofing Inc.	Deck, Ramp & Stairs Waterproof Coating	N/A	02/08/2022	03/31/2022	\$8,890
Flowers & Associates	Repair of Ortega Reservoir Effluent Pipeline - Engineering Support	02/28/2022	02/24/2022	12/31/2022	\$15,000
Houston & Harris PCS	CCTV Inspection of Ortega Reservoir Effluent Pipeline	N/A	03/08/2022	03/31/2022	\$3,334
Cushman Contracting Corp.	Repair of Ortega Reservoir Effluent Pipeline - Emergency Construction Work	02/28/2022	02/24/2022	12/31/2022	\$220,000
HydraTech Field Services	Repair of Ortega Reservoir Effluent Pipeline - Materials & Construction	N/A	03/06/2022	03/18/2022	\$12,675
HydraTech Field Services	Repair of Ortega Reservoir Effluent Pipeline - Materials & Construction	N/A	03/11/2022	03/18/2022	\$2,435
Advanced Cabling Systems Inc.	COMB Office Building - Data Cabling	N/A	03/28/2022	05/31/2022	\$2,321

Meetings

- **Santa Barbara County Operational Area Emergency Managers Meeting**

On April 6, 2022, COMB staff participated in the Santa Barbara County Operational Area (OA) Emergency Managers Committee meeting. The OA partners received a presentation from Jessica Wiebe, Public Information Assistant with Santa Barbara County Animal Services regarding the County Animal Services emergency response during a disaster event. The OA partners also received a presentation from Liliانا Encinas, Director with LISTOS, a grass-roots disaster preparedness program, regarding their education outreach to Spanish speaking communities. The next meeting is scheduled for May 4, 2022.



## **COMB 2021-22 Accomplishments and Goals by Division**

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### **Administrative Division Activities / Accomplishments**

#### **Policies and Procedures**

- Developed Board Adopted Electronic Signature Policy
- Completed Updates to the Injury and Illness Prevention Program
- Updated COMB's Personnel Policy and Employee Handbook

#### **Financial Audit / Budget Process**

- Awarded the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association (GFOA) for the Fiscal Year 2020-21 Annual Comprehensive Financial Report (ACFR)
- Fiscal Year 2020-21 Audited Financial Statements received an unmodified ("clean") opinion
- Expanded the FY 2021-22 COMB Operating Budget document in accordance with GFOA guidelines
- Awarded the Distinguished Budget Award for FY 2021-22 COMB Annual Operating Budget Document from the GFOA

#### **Risk Management**

- Joined the ACWA/JPIA "Commitment to Excellence" Program
- Completed the annual ACWA/JPIA Worker's Compensation, Liability, and Property Risk Assessment. ACWA/JPIA reviewed COMB's Employment Practices, Heat Illness Prevention Program, ACWA's Risk Control and Risk Transfer Manual, and COMB's Workers Compensation and Liability Program experience history.
- Received the President's Special Recognition Award from the Association of California Water Agencies. The JPIA recognizes its members that have a loss ratio of 20% or less in the Liability, Property or Worker's Compensation programs.
- Received a Retrospective Premium Adjustment (RPA) refund of \$19.9k from ACWA/JPIA Liability, Property and Worker's Compensation program resulting from a low claims history.
- Established operational protocols and implemented business continuity practices in response to the COVID-19 local emergency and global pandemic.

#### **IT Technology / Communications**

- Conducted Annual IT review with outside IT Consultant
- Implemented virtual platform capabilities and protocols for all COMB Board and Committee meetings in response to COVID-19 restrictions and safety protocols.
- Upgraded COMB's telephone system to a hosted telephone solution.
- Upgraded COMB's security alarm system in anticipation of the COMB Building Replacement project.
- Advancement of IT network and infrastructure and security protocols
- Updated the Cybersecurity Response Plan to improve the resiliency of the COMB IT network and computer system
- Upgraded COMB's email platform to reduce external exposure against malware attacks and to protect the current IT infrastructure

#### **Planning and Reporting**

- Participated in the Santa Barbara County Integrated Regional Water Management Program (IRWMP). The Cooperating Partners of IRWMP meet regularly to promote and practice integrated regional water management strategies; to ensure sustainable water uses, reliable water supplies

and water quality, environmental stewardship, efficient urban development; and protection of agricultural and watershed awareness.

- Updated COVID-19 Preparedness and Response Plan in response to Cal/OSHA mandatory controls and procedures.
- Development of Draft Sustainability Plan for Board review and approval
- Improvement of Infrastructure and Habitat Improvement Project Tracking activities and costs
- Advancement of COMB's grant tracking matrix

#### **Staff Development**

- COMB management staff participated in required Sexual Harassment Prevention training sponsored by ACWA/JPIA in compliance with California AB 1825, AB 2053 and AB 1661

#### **Internal Goals**

- Update and improve internal policies and procedures
- Enhance ACFR audit/budget documents
- Advancement of risk management programs
- Leverage advances in technology
- Advancement of Board Policies and Internal Procedures
- Staff professional development and training

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#### **Engineer - Operations Division Activities / Accomplishments**

COMB staff continues to focus its efforts on water supply reliability, infrastructure improvements, environmental stewardship, policies and financial responsibility, and improving workforce capabilities. Outlined below are highlights of accomplishments during the past fifteen months.

- Commenced Schedule F of the South Coast Conduit Air Vacuum Air Release/Blow Off (AVAR/BO) Rehabilitation project in the Carpinteria area. External contractor rehabilitated four out of twelve structures with construction management performed by COMB staff. The remaining eight structures in the Carpinteria reach will require coordinated shutdowns in future years.
- Operated and maintained the South Coast Conduit, which consists of 26.5 mile of pipeline with a combined 124 blow off and air vent structures, 43 turnout structures, 20 meters and 4 regulating reservoirs
- Participated in the Annual Site inspections and Comprehensive Facility Reviews with US Bureau of Reclamation Engineering staff
- Negotiated Cooperative Agreement with Carpinteria Valley Water District for Rehabilitation work in the lower reach
- Completed the La Mirada Isolation Valve project. The installation of the isolation valve will provide COMB with the operational flexibility to perform a shutdown of the South Coast Conduit (SCC) to rehabilitate three air valves and two blowoff structures including the two remaining subgrade air valves on the South Coast Conduit.
- Completed the Sheffield Control Station Culvert replacement project
- Performed repairs on the Toro Canyon blowoff rehabilitation project

- Applied for and obtained a California Division of Drinking Water D3 Domestic Water Supply permit from the State Water Resources Control Board
- Major cleaning effort on the Lauro Debris Basin
- Performed inspection and repairs to the Goleta West Conduit pipeline
- Continued planning, design, and environmental documentation for the Secured Pipeline Project.
- Facilitated and completed the 5-year watershed sanitary survey update with Consultant.
- Continued research and electronic recordation of historic project documents.
- Applied for and awarded \$3m in grant funding toward the Secured Pipeline Project from Reclamation and DWR.
- Updated COMB Annex to the Santa Barbara County Multi-Jurisdictional Hazard Mitigation Plan.
- Review of proposed development projects near the South Coast Conduit easement and coordinated with the County of Santa Barbara and Reclamation Lands Division on their approval.
- Monitored numerous construction projects adjacent to and within the United States Bureau of Reclamation right-of-way to ensure the protection of the South Coast Conduit.
- Upgraded and calibrated the water quality sonde to take lake profiles including chlorophyll a and phycocyanin concentrations. Performed supplemental water quality sampling at Lake Cachuma.
- Incorporated water quality profiling at the Intake Tower and provided data to the South Coast water treatment plant's technical staff as part of a monthly sampling program.
- Developed a Supervisory Control and Data Acquisition (SCADA) Master Plan to manage system upgrades. Replaced outdated Programmable Logic Controllers at five locations in conjunction with an external contractor.
- Updated the COMB Infrastructure Improvement Plan for FY 2021-2025.
- Continued advancement of COMB's internal water accounting model to automate and improve monthly water accounting reports.
- Updated Geographic Information Systems (GIS) mapping of the South Coast Conduit (SCC) incorporating elevations based on drawings to allow evaluation of depth of cover at key locations (slopes/creek crossings). Revised SCC alignment based on potholing conducted within the easement of the South Coast Conduit. Potholed the conduit in seven locations and incorporated data into GIS system.
- Two staff members completed course work for the Water Service Worker D2 certification program and obtained certification.

### **Internal Goals**

- Complete upgrade of the Programmable Logic Controllers and historian server/software in COMB's SCADA system.
- Continue structure rehabilitation on the lower reach of the South Coast Conduit and raise all subgrade South Coast conduit air vents
- Make improvements to the South Coast Conduit in collaboration with CVWD to allow for improved future maintenance of the South Coast Conduit in that area

- Implement Phase 2 actions for the Lake Cachuma Water Quality and Sediment Management Study related to phosphorous and total organic carbon sources
  - Participate in Reclamations 2022 Comprehensive Facility Review for all four dams and make necessary improvements to complete Reclamation recommendations
  - Continue to organize and digitize historical records with focus on historical photos of the construction of the South Coast Conduit
  - Perform a comprehensive update of the GIS information in COMB's field mapplet system with 2022 aerial photo and updated GIS information. Locate and digitize lateral piping off of the South Coast Conduit
  - Continue to improve system records for maintenance and right-of-way program
  - Continue to encourage staff development and certification as water system distribution operators, qualified applicators, and appropriate safety training
  - Continue to work with the Santa Barbara County Office of Emergency Services MAC group to update the Multi-Jurisdictional Hazard Mitigation Plan (HMP) and COMB Annex
  - Continue to seek grant funding for upcoming projects, especially for projects listed within the Infrastructure Improvement Plan's five year planning horizon
- 

### **Fisheries Division Activities / Accomplishments**

- Met all 2000 Biological Opinion and Water Orders monitoring, compliance, and reporting measures
- Completed the WY2021 Annual Monitoring Report (AMR) and WY2021 Annual Monitoring Summary (AMS)
- Authored the Reasonable and Prudent Measure (RPM) 6 Compliance Report for the WR 89-18 release in 2021
- Produced Hilton Creek Emergency Backup System Activation on Gravity Event Report
- Completed End of Project Compliance Report, South Side Erosion Control and Reforestation Project at Quiota Creek Crossing 8
- Developed RPM 6 Ramp-Down Stranding Event Report
- Planted 380 new and replacement oak trees around the County Park at Lake Cachuma as part of the mitigation effort
- Worked closely and collaboratively with CDFW on fish rescue in the LSYR mainstem as the river was drying out in two different areas over several weeks
- Worked closely with Reclamation to improve the flow and water quality being released from Bradbury Dam in support of the downstream *O. mykiss* population
- Transferred all field monitoring data to Reclamation as requested and completed a QA/QC process of the entire dataset with Reclamation staff
- Caught up on scale mounting, photographing, reading, and reporting for 2020 and 2021
- Worked with the COMB Opts crew on monitoring algae and nutrients in Lake Cachuma throughout the year
- Gave a presentation at the ESRI International Users Conference

**Internal Goals**

- Continue Implementation of the monitoring and survey program per the 2000 Biological Opinion and LSYR FMP.
- Continue collaboration with Reclamation on best management practices for Hilton Creek and the Lower Santa Ynez River (LSYR) mainstem on Reclamation property.
- Continue collaboration with Reclamation on any monitoring or reporting tasks that they request regarding compliance with any of the State Water Orders (specifically WR 89-18 and WR 2019-0148).
- Continue annual development and implementation of a Migrant Trapping Plan in collaboration with Reclamation.
- Collaborate with Reclamation on the implementation and reporting of the Fish Passage Supplementation Program.
- Discuss with Reclamation the possibility of a long-term gravel augmentation program in Hilton Creek and the LSYR mainstem on Reclamation property as well as other locations.
- Work with Reclamation to gather continuous water quality data within the LSYR basin
- Maintain the LSYR *O. mykiss* scale inventory and conduct analyses on data and integration with other monitoring results, specifically migrant trapping, river discharge and river water quality.
- Continue working with the US Geological Survey on gauges in support of all elements in the established guidance documents.
- Work with USGS to install a new discharge a water quality monitoring site for the Hwy 154 Bridge.
- Initiate the PIT Tag monitoring effort within the LSYR basin both with a hand held device and a paired antenna station powered by solar panels and batteries stored within a lock box.
- Work with CDFW and Reclamation on conducting fish rescues as needed.
- Continue to closely collaborate with the Parent District and Reclamation on all required monitoring and reporting tasks for WR 89-18 releases.
- Investigate with Reclamation ways to better manage the Stilling Basin.
- Continue to maintain and develop landowner relationships in the LSYR basin and along the South Coast Conduit.
- Continue education and collaboration with other *O. mykiss* monitoring programs within the Southern California Steelhead DPS to improve our collective knowledge.

Respectfully Submitted,

*Janet Gingras*

General Manager

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# CACHUMA OPERATION AND MAINTENANCE BOARD

## MEMORANDUM

**DATE:** April 25, 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 65 percent of normal (as of April 18<sup>th</sup>, 2022). The U.S. Drought Monitor continues classifies Santa Barbara County as in severe drought as of April 12, 2022. Only 2,916 acre-feet of inflow into Lake Cachuma has occurred through March 2022. Less precipitation is likely in the late spring and summer months and the water year is on track to be dry (<15,366 AF) or potentially critically dry (<4,550 AF). National Weather Climate Prediction Center forecasts that La Niña is favored to continue through the Northern Hemisphere summer (59% chance during June-August 2022), with a 50-55% chance through the fall.

COMB staff continues to monitor the water quality at Lake Cachuma with monthly samples, monthly profiles, continuous in-situ measures from the buoy, and review of satellite diagnostic tools for algal blooms. In past years, algal blooms have occurred in the March to June timeframe as the weather warms and nutrients are still available from the lake turnover that occurs in the winter. Algal blooms have been less extensive and intense in drought years based on the satellite data (for example in 2018 when the lake was at a similar elevation and inflow was similar to 2022, minimal blooms were detected from the satellite imagery).

### LAKE ELEVATION PROJECTION

Lake Cachuma is currently at 45.3% capacity (709.59' in elevation and 87,445 acre-feet in storage as of 4/18/22). The lake elevation is now 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 July or August and continuing three to four months. This is subject to change including no release and not yet finalized. COMB received updated forecast from its Member Agencies in February 2022. In the conservative scenario the installation of the pumping facility would need to be installed in mid-February 2023 and in the realistic scenario in mid-May 2023. Most of March was dry and demand was higher than expected due to the lack of rain in January and February. Rainfall in late March helped reduce the water demands. April thus far is on track with expected diversions from the lake. COMB will closely track the imports-exports from the lake and request more frequent updates on the imports-exports projections as the lake levels get closer to key elevations thresholds for the emergency pumping facility that is required to operate during drought conditions. Based on the new 2021 bathymetric survey, Site 1 will be unavailable at approximately 662' (12' above the bottom at Site 1) unless dredging is conducted around the pump barge location at Site 1.

**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

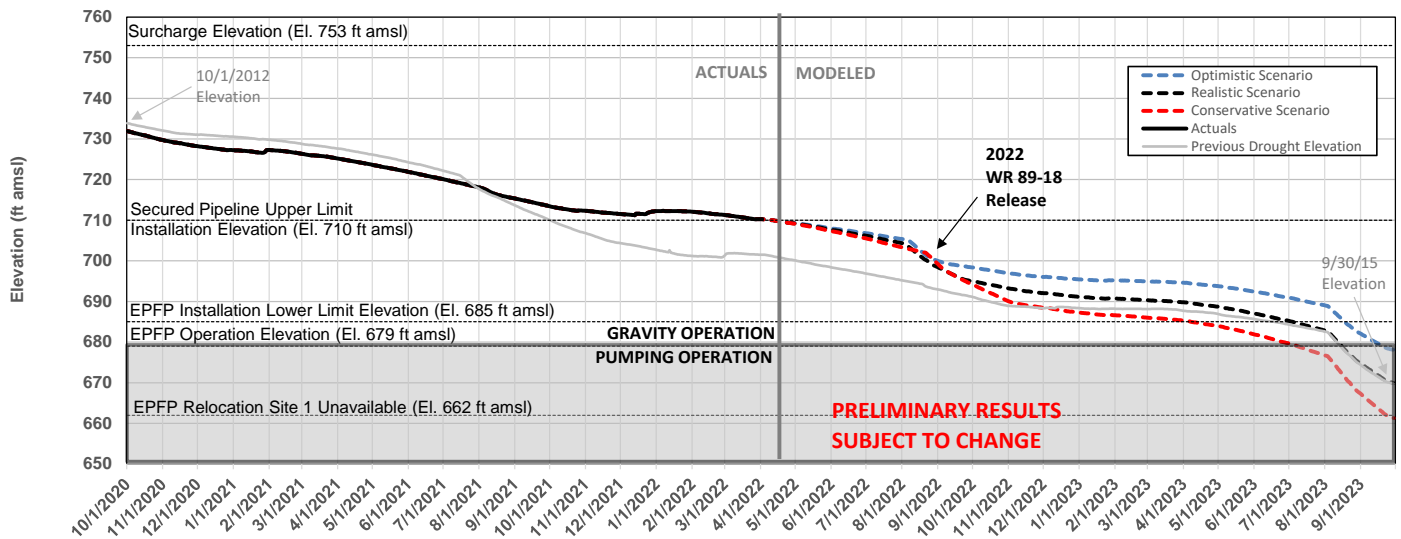


Figure 1. Projected Lake Cachuma Elevation assuming Continued Dry Conditions

### LA MIRADA LINE VALVE PROJECT

The La Mirada Line Valve Project was successfully completed by COMB’s contractor (Tierra Contracting Inc.). The project commenced in mid-February and was completed in early April. Overall, the project went smoothly with no interruptions in water service. CVWD was able to modify well operations during key phases of construction to minimize flow rates and pressures in the South Coast Conduit. The rainfall in late March occurred the same time that the line stops were set and 16” bypass was activated. The demands were greatly reduced during the week that the bypass was activated and the new valve was installed. CVWD was able to run its wells all week and manage supplies from Carpinteria Reservoir while the line stop was installed.



New valve installed with bypass and air valve outlets



Finished air release valves and valve cans

The 70-old section of pipeline (constructed in 1952) that was removed was in excellent condition. The outer mortar coat was all intact, hard, and un-cracked. The interior mortar was smooth, intact, with no cracks. With intact interior and outer mortar coatings the steel bars and steel cylinder were in excellent condition.



Old pipe section removed between line stops with water delivered through bypass



Old pipe section removed - mortar, bar wrapping, and cylinder in excellent condition



## INFRASTRUCTURE IMPROVEMENT PROJECTS

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

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

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
<b>Infrastructure Improvement Projects</b>			
SCADA System	COMB entered into a contract with Aspect Engineering to replace the six remaining legacy PLCs. PLCs 2,3,4,5 and 6 have been replaced. The existing Boundary insertion meter is incompatible with the hardware to upgrade the PLC 9. COMB purchased a new insertion meter through the SCADA contract that will allow PLC 9 to be upgraded. Work is also underway for the SCADA main terminal and server upgrade	COMB SCADA system was installed in 2004 and existing hardware is obsolete and in need of replacement. PLC replacements will require coordination with COMB's Member Agencies.	PLC 9 and the SCADA main terminal upgrade should be completed by the end of June.
COMB Building and Ground Repair	New fisheries and admin modular offices have been installed by API. COMB operations staff has re-constructed the walkway, ramp, and stairs between the offices. Walkway and ramp have been painted and floor finished. API is currently constructing the Reception Building which should be completed in spring 2022.	COMB modular offices will be replaced in-kind to limit complexity and challenges of construction.	Admin and Fisheries building completed. Reception building in progress planned to be installed in Spring/Summer 2022.
SCC Line Valves for Shutdown	Contractor installed for the bypass and line stops, removed a section of the SCC, welded in new piping, and installed new valves and piping. Project was completed in early April and contractor has demobilized from site.	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.	Completed in April 2022.
SCC Structure Rehabilitation : Lower Reach Laterals	CVWD/COMB had a preconstruction meeting with the contractor and Caltrans. Construction is planned for 5 laterals in April/May and 4 laterals in October/November during planned shutdowns.	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 Board approved the contract to rehabilitate six structures including the two remaining subgrade air vents on the SCC. Preparation work to replace flat tops and manholes was completed in January. The shutdown is dependent on the completion of the La Mirada line valve and rehabilitation of 7 laterals by CVWD as part of the COMB/CVWD Cooperative Agreement.	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. Budget for this year has been reallocated in part for the Ortega outlet emergency repair.
<b>Special Projects</b>			
Emergency Pumping Facility - Secured Pipeline Project	For the existing EPFP system - key components of the barge are currently being stored under contract and 3600 feet of pipeline are stored at the lake shore at Lake Cachuma. Reclamation completed the NEPA review and COMB is in the process of acquiring the necessary permits from USACE, CDFW, and RWQCB. Construction bid was released in early April and due in early May. COMB received the Urban Multibenefit Phase 2 grant award of \$2.2M for the construction of the project.	The Secured Pipeline Project could be installed in the late summer/fall of 2022 if dry conditions continue. The lake elevation is projected to remain above 685' until Spring 2022. 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 September to December 2022. The Emergency Pumping Facility would need to be installed February to April 2023 timeframe if dry conditions continue in Water Year 2023.
Watershed Sanitary Survey Update	Geosyntec completed the final survey report and submitted it to the Division of Drinking Water on October 1, 2021.	The update is a collaborative effort with COMB's member agencies, Santa Ynez, and the City of Lompoc.	Completed
Lake Cachuma Water Quality and Sediment Management Study	The Study was completed in August 2020. Phase 2 recommendations planned for this year include the Secured Pipeline Project (see above), phosphorous/TOC source study, and bathymetric survey. The 2021 bathymetric survey has been completed by the Santa Barbara County Water Agency. COMB staff plans to release the RFP for the Phase 2 phosphorous/TOC source study in May 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:** April 25, 2022

**TO:** Janet Gingras, General Manager

**FROM:** Shane King, Operations Supervisor

**RE: MONTHLY REPORT OF OPERATIONS – March 2022**

The total flow from Lake Cachuma into the Tecolote Tunnel for March was 2,026.6 acre-feet, for an average daily flow of 65.37 acre-feet. Lake elevation was 711.30 feet at the beginning of March and 710.26 feet at the end of March. Lake storage decreased by 1,958 acre-feet. There was 383.5 acre-feet of inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 285.51 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 70.4 acre-feet of water to Hilton Creek for the month of March.

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)
<b>Upper</b>	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
<b>Lower</b>	Cater Water Treatment Plant - Carpinteria Reservoir	90,910	27" - 36"	2	15	26	31	42	4	144	4" - 36"	-	3,190,171

Operations staff continue to follow the implemented physical distancing measures as a response to COVID-19. Operators utilize separate vehicles and mostly completed work that could be done by one staff member or with appropriate physical distance if multiple staff are required. Routine operation and maintenance completed during the month of March 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 80 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.
- Operations staff completed the annual valve exercising at Lauro control station. This control station consists of 11 gate valves. Each valve at this location takes approximately 30 minutes to fully exercise (full open to full close).
- COMB staff completed the annual valve exercising at Sheffield control station. This control station consists of 9 gate valves. Each valve at this location takes approximately 20 minutes to fully exercise.
- Cushman Contracting Company completed the Ortega reservoir effluent piping leak project with help from COMB staff (see photos). The tasks for the completed project that were finished in the month of March are as follows:
  1. Slurry backfill around pipe, haul in new soil, backfill trench. Complete and pass a soils compaction test.
  2. Frame and pour new concrete ramp to the control building
  3. Set new electrical pull boxes
  4. Lay new asphalt in area that was removed to complete work
  5. Equipment removal and jobsite cleanup.
- Tierra Contracting Inc. completed the SCC line valve installation near La Mirada road in the south reach section of the conduit. (see photos) Items that were completed in the month of March are as follows:
  1. Install line stops and activate bypass. Remove the section of pipeline between the temporary bypass line, weld on new flanges, and install new line valve.
  2. Install permanent 6 inch bypass line around the line valve for exercising and maintenance.
  3. Install two 4 inch AVAR (air relief valves), one on either side of the line valve
  4. Install completion plugs in line stops.
  5. Slurry around pipeline, backfill trench.
  6. Frame and pour concrete pads for the valve cans and the two AVAR's
  7. Equipment removal and job site cleanup.
- Weed abatement and access road clearing work was done at the Glen Anne reservoir and South Portal access road areas. Staff cleared several small mud slide areas along the dirt access road leading to the south portal structure behind Glen Anne reservoir. Staff also removed all of the large woody brush along the access road leading to the Glen Anne turnout. It is important that this road stay clear for the large chlorine delivery trucks that frequently deliver chlorine to the Glen Anne turnout area.

**Completed Ortega reservoir outlet piping leak repair**



**Completed SCC line valve project near La Mirada Drive**



# CACHUMA OPERATION AND MAINTENANCE BOARD

## BOARD MEMORANDUM

**DATE:** April 25, 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 by gravity through the Hilton Creek Emergency Backup System (HCEBS) at approximately 1.0 cfs as of 4/19/22 to the Upper Release Point (URP) and Lower Release Point (LRP), which is sustaining the *O. mykiss* population in the creek. Currently, the lake is too low for gravity flow delivery through the Hilton Creek Watering System (HCWS). BiOp compliance releases to Hilton Creek are a minimum of 2 cfs. USBR and NMFS discussed the below target flow condition when it first occurred.
- 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 and the Outlet Works to the Lower Santa Ynez River (LSYR) mainstem.
- Migrant Trapping Season ended on 4/19/22 due to reaching the juvenile take limit as established in the WY2022 Migrant Trapping Plan.

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:

**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.

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

**Migrant Trapping:** The 2022 Migrant Trapping Plan was provided to Reclamation in December who then submitted it to NMFS. This monitoring effort normally begins in January and continues through May depending on streamflow rates. All operations followed the WY2022 Migrant Trapping Plan that was submitted by USBR to NMFS well prior to the migration season. The Hilton Creek Trap was installed on 2/1/22 and removed in the early morning on 4/20/22 upon reaching the established juvenile take limit late in the evening on 4/19/22. The established adult take limit was not reached. The Salsipuedes Trap and LSYS Mainstem Trap were not installed due to low flow conditions during the entire wet season. Traps are removed during high flow events for safety of the staff, fishery and equipment, or if flows are too low to enable migration. The Santa Ynez River Lagoon currently is closed and is routinely monitored. Results of the trapping program are presented in the Annual Monitoring Report/Summary.

**Monitoring Target Flows:** Monitoring for the required 2000 BiOp and WR 2019-0148 target flows are conducted by USGS and USBR for Hilton Creek, and COMB-FD and USBR for the LSYS at the Hwy 154 Bridge. The minimum target flow of 2 cfs to Hilton Creek is not currently being met with HCEBS gravity flow to the URP and LRP, with a release rate of approximately 1.1 cfs. USBR is reluctant to run any level of pumps to deliver water to the creek given past operational issues and recent power outages at Bradbury Dam. There is still sufficient discharge at the URP to sustain the fishery from there to the LRP as well as down to the confluence of the creek with the LSYS mainstem. The upper reach will become more of a concern as lake levels drop during the rest of the dry season. USBR has discussed the situation with NMFS when it initially occurred and it was agreed at the time to continue with gravity flow instead of going to pumps which have proven multiple times to be problematic in sustaining the Hilton Creek fishery.

Documenting compliance in meeting target flows at the Hwy 154 Bridge (2.5 cfs) cannot be done at that specific location due to the channel configuration and landowner access limitations. USBR established a low-flow river discharge monitoring location approximately 1 mile downstream of the Hwy 154 Bridge where access is available. USBR has been taking a discharge measurement approximately once a month and the COMB-FD staff are taking a discharge measurement once a week; we also maintain a pressure transducer at that location to record river stage every 15 minutes. This is part of a compliance measure within WR 2019-0148, specifically the Plan required in Term 18 and Term 25. The objective is to maintain a river discharge at that monitoring location of 2.5 cfs or greater (at the current lake elevation) which follows Reclamations established operational protocols for meeting required target flows at the Hwy 154 Bridge upstream. The objective was challenging to meet at all times in May, June, and July 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 given the challenging factors and access barriers. COMB-FD continues to take weekly measurements as requested by USBR.

**Fish Passage Supplementation:** Staff provided watershed conditions to USBR for their information. The criteria have not been met yet to conduct a Fish Passage Supplementation event. Staff continues to monitor basin conditions and will inform USBR as conditions change.

**Tributary Project Updates:**

All planned projects have been successfully completed.



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

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

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

On 6/8/21, USBR activated the HCEBS on gravity flow to the URP. For a time, both the HCWS and HCEBS 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. Now all release water to Hilton Creek comes through the HCEBS by gravity flow to the URP and LRP.

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 that system.

No maintenance was conducted to our knowledge on the HCWS or the HCEBS over the course of the last month.

## **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).

<b>Accounts*</b>	<b>Allocation</b>	<b>Amount Used**</b>	<b>Amount Remaining</b>
<b>Units:</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>	<b>(acre-feet)</b>
<b>Fish Passage Supplementation</b>			
<b>WY2019</b>	3,200	3,307	-107
<b>WY2020</b>	0	2,558	-2,558
<b>Adaptive Management</b>	500	149	351
<b>Fish Rearing***</b>	8,684	8,684	0
<b>Unallocated Project Water</b>		26,702	
<b>Total:</b>	9,184	41,400	-2,314
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 3/31/22.			
*** 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) – Has been providing technical assistance to staff on USBR requested documentation for the draft Biological Assessment.

**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:	April 25, 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 January, 2021 to the present (8/1/21 – 4/25/22, 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 August, 2021.

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

***Maintenance***

Bradbury Dam only received 2.1 inches of rainfall in the month of March. Even with some rainfall, dry conditions have continued into April so the COMB Fisheries Division continues to irrigate trees in what is typically a wet period of the year. Crews just recently wrapped up a round of watering on the Year 11 trees and are set to begin another round of irrigation on the Year 13 trees at Live Oak Camp this month. The total number of Year 13 trees is 384 (284 COMB and 100 Ken Knight [Your Children’s Trees] trees). All Year 13 trees have been inventoried, individually tagged, GPSed and incorporated into the project GIS database. Ken Knight is very pleased with the collaborative effort and has provided compensation to COMB.

All Year 13 trees planted at Live Oak Camp survived AOK after the recent annual Lucidity event at that site. Event organizers are very pleased with our oak tree planting efforts and are promoting good stewardship of our trees. All the planted trees are showing good spring growth (Exhibit 1).

***Annual Inventory***

The 2021 Annual Inventory of all year classes is underway and will continue until completed. Much of the annual inventory work is being conducted between trap checks (both AM and PM shifts).

**LIST OF EXHIBITS:**



**Exhibit 1:** Spring growth of planted oak trees at Live Oak Camp taken a week and a half after the Lucidity event.

**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**METERED USE REPORT FOR MARCH 2022**

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
<b>CARPINTERIA WATER DISTRICT</b>			<b>GOLETA WATER DISTRICT</b>		
Boundary Meter - East		297.27	18+62	G. WEST	92.89
Boundary Meter - West		(0.00)	78+00	Corona Del Mar FILTER Plant	890.64
			122+20	STOW RANCH	0.00
				SWP CREDIT (Warren Act Contract)	(338.00)
				Raytheon (SWP) (Warren Act Contract)	0.00
				Morehart (SWP) (Warren Act Contract)	(10.00)
			<b>TOTAL</b>		<b>635.53</b>
			<b>MONTECITO WATER DISTRICT</b>		
			260+79	BARKER PASS	28.45
			386+65	MWD YARD	12.05
			487+07	VALLEY CLUB	0.00
			499+65	E. VALLEY-ROMERO PUMP	211.94
			510+95	MWD PUMP (SWD)	7.33
			510+95	ORTEGA CONTROL	7.54
			526+43	ASEGRA RD	0.51
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.01
			599+27	TORO CANYON	7.06
				SWP CREDIT (Warren Act Contract)	0.00
				City of SB / MWD WSA ("Desal")	(117.38)
			<b>TOTAL</b>		<b>157.51</b>
			<b>CITY OF SANTA BARBARA</b>		
			CATER	INFLOW	1,310.54
			Gibraltar	PENSTOCK	(285.51)
			CATER	SO. FLOW	(755.71)
			Sheffield	SHEF.LIFT	153.96
				SWP CREDIT (Warren Act Contract)	0.00
				La Cumbre (SWP) (Warren Act Contract)	(66.02)
				City of SB / MWD WSA ("Desal")	117.38
			<b>TOTAL</b>		<b>474.65</b>
			<b>SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1</b>		
			COUNTY PARK, ETC		1.47
			<b>TOTAL</b>		<b>1.47</b>
			<b>BREAKDOWN OF DELIVERIES BY TYPE:</b>		
			STATE WATER DELIVERED TO LAKE		368.00
			STATE WATER TO SOUTH COAST including from stored		711.28
			<b>METERED DIVERSION</b>		<b>1,269.16</b>
<b>SWP CREDIT (Warren Act Contract)</b> (297.26) <b>TOTAL</b> <b>0.00</b>					
Note: Meter reads were taken on: 3/31/2022					

**WATER YEAR 21-22 CACHUMA PROJECT ALLOCATION**  
**CACHUMA OPERATION AND MAINTENANCE BOARD**  
**WATER PRODUCTION AND WATER USE REPORT**  
**FOR THE MONTH OF MARCH 2022 AND THE WATER YEAR TO DATE (WYTD) <sup>(1)</sup>**

(All in rounded Acre Feet)

<b>CACHUMA PROJECT</b>	<b>MONTH</b>	<b>WYTD</b>
<b>WATER PRODUCTION:</b>		
Cachuma Lake (Tec. Diversion)	2,026.6	8,509.6
Tecolote Tunnel Infiltration	74.7	449.9
Cachuma Lake (County Park)	1.5	7.2
<b>Subtotal - Water Production</b>	2,102.7	8,966.7
<b>WATER DELIVERIES:</b>		
State Water Diversion	711.3	2,657.4
Cachuma Diversion	1,269.2	6,216.9
Storage gain/(loss) <sup>(2)</sup>	121.3	71.6
<b>Subtotal - Water Deliveries</b>	2,101.7	8,945.9
<b>Total Water Production</b>	2,102.7	8,966.7
<b>Total Water Deliveries</b>	2,101.7	8,945.9
<b>Difference = Apparent Water Loss</b>	1.0	20.8
<b>% Apparent Water Loss</b>	0.05%	0.23%

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

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>TOTAL</b>
<b>CURRENT MONTH CHARGE / (ADJUSTMENT)</b>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
<b>Total Current Month</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)</b>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
<b>Total AWL Charged (WYTD)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total AWL Not Charged (WYTD)</b>					<b>20.8</b>
<b>Total AWL Incurred (WYTD)</b>					<b>20.8</b>

**CACHUMA PROJECT WATER CHARGE**

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRID #1</b>	<b>TOTAL</b>
<b>CURRENT MONTH</b>						
Water Usage						
M&I	489.4	474.6	143.0	0.0	1.5	1,108.5
Agricultural	146.2	0.0	14.5	0.0	N/A	160.6
<b>Subtotal Project Water Use</b>	<b>635.5</b>	<b>474.6</b>	<b>157.5</b>	<b>0.0</b>	<b>1.5</b>	<b>1,269.2</b>
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss <sup>(4)</sup>	41.1	136.9	16.4	16.2	18.2	228.7
<b>Total Project Water Charge</b>	<b>676.6</b>	<b>611.5</b>	<b>173.9</b>	<b>16.2</b>	<b>19.6</b>	<b>1,497.9</b>
<b>WATER YEAR-TO-DATE</b>						
Water Usage						
M&I	1,799.2	2,981.7	867.1	0.0	7.2	5,655.2
Agricultural	490.1	0.0	71.6	0.0	N/A	561.7
<b>Subtotal Project Water Use</b>	<b>2,289.3</b>	<b>2,981.7</b>	<b>938.6</b>	<b>0.0</b>	<b>7.2</b>	<b>6,216.9</b>
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss <sup>(4)</sup>	192.2	587.8	76.7	65.1	73.0	994.8
<b>Total Project Water Charge (*)</b>	<b>2,481.5</b>	<b>3,569.5</b>	<b>1,015.3</b>	<b>65.1</b>	<b>80.2</b>	<b>7,211.7</b>
(*) 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 MARCH 2022 AND THE WATER YEAR TO DATE (WYTD) <sup>(1)</sup>**

(All in rounded Acre Feet)

**CACHUMA PROJECT WATER BALANCE**

	<b>GWD</b>	<b>SB CITY</b>	<b>MWD</b>	<b>CVWD</b>	<b>SYRID #1</b>	<b>TOTAL</b>
<b>Project Water Carryover - 10/1/2021</b>	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
<b>(-) Project Water Charge (WYTD)</b>	<b>2,481.5</b>	<b>3,569.5</b>	<b>1,015.3</b>	<b>65.1</b>	<b>80.2</b>	<b>7,211.7</b>
<b>Balance Carryover Water</b>	<b>4,840.1</b>	<b>16,956.4</b>	<b>1,979.3</b>	<b>2,038.2</b>	<b>2,281.3</b>	<b>28,095.3</b>
<b>Current Year Allocation <sup>(5)</sup></b>	<b>6,525.0</b>	<b>5,794.0</b>	<b>1,856.0</b>	<b>1,969.0</b>	<b>1,856.0</b>	<b>18,000.0</b>
<b>(-) Balance of Project Water Charge (WYTD)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Net Allocation Available Before Adjustments</b>	<b>6,525.0</b>	<b>5,794.0</b>	<b>1,856.0</b>	<b>1,969.0</b>	<b>1,856.0</b>	<b>18,000.0</b>
<b><u>Adjustments to Net Allocation (WYTD)</u></b>						
Carryover Balances Spilled	0.0	0.0	0.0	0.0	0.0	0.0
Surplus	0.0	0.0	0.0	0.0	0.0	0.0
State Water Exchange <sup>(6)</sup>	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	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Juncal Transfer	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/SB Overlap	0.0	0.0	0.0	0.0	0.0	0.0
<b>Balance Current Year Allocation</b>	<b>6,586.0</b>	<b>5,835.0</b>	<b>1,856.0</b>	<b>1,996.0</b>	<b>1,727.0</b>	<b>18,000.0</b>
<b>Total Cachuma Project Water Available</b>	<b>11,426.1</b>	<b>22,791.4</b>	<b>3,835.3</b>	<b>4,034.2</b>	<b>4,008.3</b>	<b>46,095.3</b>

**Footnotes**

- (1) Water Year = October 1 through September 30; WYTD = Water Year to Date
- (2) Includes Lauro and Ortega Reservoirs only
- (3) Based on correspondence from Michael Jackson, dated 09/15/17, which revised the approach to the assessment for unaccounted for water loss based on lake conditions
- (4) Per USBR, evaporation is applied to Cachuma Carryover and SWP water through standard contract formula effective April 1, 2017
- (5) Per USBR, 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 March 2022.
- (7) Memo only - State Water Deliveries to Lake Cachuma for March was 368 AF.
- (8) Memo only - MWD has received 352.14 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: **MARCH 2022**

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

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

**LAURO RESERVOIR**

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	<b>549.1</b>	Feet
Water in Storage	504.58	AF

**ORTEGA RESERVOIR**

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	<b>446.2</b>	Feet
Water in Storage	17.03	AF

**CARPINTERIA RESERVOIR**

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	<b>378.8</b>	Feet
Water in Storage	32.16	AF

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

Change in Storage	553.77	AF
	128.84	AF

**CACHUMA RESERVOIR**

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

Stage of Reservoir Elevation	<b>710.26</b>	Feet
Water in Storage	<b>89,684</b>	AF
Surface Area	<b>1,832</b>	Acres
Evaporation	<b>523.1</b>	AF
Inflow	<b>437.3</b>	AF
Downstream Release WR8918	<b>0.0</b>	AF
Fish Release (Hilton Creek)	<b>70.4</b>	AF
Outlet	<b>478.0</b>	AF
Spill/Seismic Release	<b>0</b>	AF
State Water Project Water	<b>383.5</b>	AF
Change in Storage	<b>-1,958</b>	AF
Tecolote Diversion	<b>2,026.6</b>	AF

<b>Rainfall:</b>	<b>Month:</b> 2.10	<b>Season:</b> 12.85	<b>Percent of Normal:</b> 72%
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(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 3/31/2022

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	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1,799.2	490.1	2,289.3	192.2	2,289.3	2,481.5	1,931.6	549.9	-

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	-	-	-

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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
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	6,716.3	4,673.6	2,042.7	5,114.4	1,471.6	6,586.0
Nov	6,215.1	4,278.0	1,937.1	5,114.4	1,471.6	6,586.0
Dec	6,064.6	4,157.8	1,906.8	5,114.4	1,471.6	6,586.0
Jan	5,951.7	4,057.9	1,893.8	5,114.4	1,471.6	6,586.0
Feb	5,516.7	3,715.3	1,801.3	5,114.4	1,471.6	6,586.0
Mar	4,840.1	3,198.3	1,641.8	5,114.4	1,471.6	6,586.0
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 11,426.1

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

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

Contract Entity: **City of Santa Barbara**  
 Update by COMB 3/31/2022

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	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
2,981.7	-	2,981.7	587.8	2,981.7	3,569.5	3,569.5	-	-	-	-

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

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	-	-	-	-	-

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	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 22,791.4

**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 3/31/2022

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	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
867.1	71.6	938.6	76.7	938.6	1,015.3	917.8	97.5	-	-	-

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	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **3,835.3**

**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 3/31/2022

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	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	65.1	-	65.1	32.6	32.5	-	-	-

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	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 4,034.2

**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 3/31/2022

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	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
7.2	-	7.2	73.0	7.2	80.2	15.0	65.2	-	-	-

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	2,361.5	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	-	-	-	-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
County Parks Usage (AF)	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
1.4	2,339.1	250.9	2,088.2	878.6	848.4	1,727.0
1.3	2,327.6	248.5	2,079.1	878.6	848.4	1,727.0
1.1	2,321.8	246.8	2,074.9	878.6	848.4	1,727.0
0.7	2,314.8	245.5	2,069.4	878.6	848.4	1,727.0
1.2	2,301.0	242.9	2,058.0	878.6	848.4	1,727.0
1.5	2,281.3	239.5	2,041.8	878.6	848.4	1,727.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 4,008.3

**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 3/31/2022

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	35,307.0	18,000.0	0.1	5,655.2	561.7	6,216.9	994.8	6,216.9	7,211.7	6,466.6	745.1	-	-	-

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  
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Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	35,307.0	29,092.4	6,214.7	14,388.0	3,612.0	18,000.0
Oct	-	-	-	13.5	(13.5)	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month  
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 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	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **46,095.3**

## CACHUMA DAILY OPERATIONS

Month & Year: April 2022  
 Time of Observations: 0830 Evaporation Pan Factor: 80%

Day	Beginning Storage: 89,684			Surface Area	Rainfall		Evaporation		CCWA Inflow	Releases					Computed Inflow		
	Elevation	Storage	Change		inches	acre-feet	inches	acre-feet		Park Diversion	South Coast	Hilton Creek	WR 89-18	Outlet		Spillway	
	ft	acre-feet	acre-feet	acres	inches	acre-feet	inches	acre-feet	acre-feet		acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	
1	710.25	89,666	(18)	1,832	-		0.100	12.2		10.6		26.9	2.2	-	15.0	-	27.7
2	710.22	89,611	(55)	1,831	-		0.160	19.5		12.5		28.3	2.1	-	16.0	-	(1.6)
3	710.21	89,593	(18)	1,831	-		0.160	19.5		12.4		19.5	2.2	-	15.0	-	25.8
4	710.19	89,538	(55)	1,830	-		0.150	18.3		12.4		26.0	2.1	-	15.0	-	(6.0)
5	710.17	89,520	(18)	1,830	-		0.210	25.6		11.8		29.3	2.1	-	15.0	-	42.2
6	710.13	89,446	(74)	1,829	-		0.280	34.1		12.4		37.7	2.1	-	15.0	-	2.5
7	710.10	89,391	(55)	1,828	-		0.230	28.0		12.4		41.3	2.2	-	15.0	-	19.1
8	710.09	89,355	(36)	1,828	-		0.270	32.9		12.5		40.9	2.1	-	15.0	-	42.4
9	710.04	89,282	(73)	1,826	-		0.260	31.7		12.3		52.3	2.1	-	15.0	-	15.8
10	710.01	89,227	(55)	1,826	-		0.170	20.7		12.3		49.6	2.0	-	15.0	-	20.0
11	709.95	89,117	(110)	1,824	-		0.220	26.8		12.3		54.9	2.1	-	16.0	-	(22.5)
12	709.87	88,970	(147)	1,822	-		0.190	23.1		12.3		54.0	2.1	-	15.0	-	(65.1)
13	709.84	88,915	(55)	1,821	-		0.240	29.1		12.3		63.1	2.1	-	15.0	-	42.0
14	709.79	88,824	(91)	1,820	-		0.220	26.7		12.2		76.3	2.0	-	15.0	-	16.8
15	709.74	88,732	(92)	1,818	-		0.180	21.8		12.2		81.4	2.1	-	15.0	-	16.1
16	709.69	88,641	(91)	1,817	-		0.190	23.0		12.2		76.8	2.0	-	15.0	-	13.6
17	709.64	88,549	(92)	1,816	0.02	3.0	0.150	18.2		12.2		79.3	2.0	-	15.0	-	7.2
18	709.60	88,477	(72)	1,815	-		0.190	23.0		12.2		68.8	2.0	-	15.0	-	24.6
19	709.56	88,405	(72)	1,814	-		0.240	29.0		12.2		63.5	2.0	-	15.0	-	25.3
20	709.51	88,314	(91)	1,812	-		0.150	18.1		12.2		63.5	2.0	-	15.0	-	(4.6)
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
<b>TOTALS</b>			(1,370)		0.02	3.0	3.960	481.4	-	243.9	-	1,033.4	41.6	-	302.0	-	241.5

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: March 2022**



<b>Cachuma Lake Recreation Area Launch Data -- March 2022</b>		
<b>Inspection Data</b>		
Total Vessels Entering Park	499	
Total Vessels Launched	487	
Total Vessels Quarantined	12	
Returning (Tagged) Boats Launched	367	75%
Kayak/Canoe: Inspected, launched	120	25%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
<b>Quarantine Data</b>		
Total Vessels Quarantined	12	
Quarantined 14 days	*	
Quarantined 30 days	12	
<b>Quarantine Cause</b>		
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	12	
<b>Demographic Data</b>		
Quarantined from infected county	4	
Quarantined from SB County	7	
Quarantined from uninfected co	1	

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

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

\* These conditions are no longer being tracked.

**EARLY DETECTION MONITORING PROGRAM SUMMARY**

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

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

Inspection Date and Time: 2022.03.31; 10 a.m. to 12 p.m. PDT.

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

Surveyors: COSB, Parks Division Staff (Naturalist Rosey Bishop).

Lake elevation: Max feet: 753.00, current 710.27; Max acre-feet: 193,305, current: 88,678;

Current capacity: 46.0%