



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

**Monday, June 27, 2022
1:00 P.M.**

BY TELECONFERENCE

NOTICE: Pursuant to State of California Executive Orders N-29-20 and N-07-21, members of the Cachuma Operation & Maintenance Board (COMB) Board of Directors and members of the public will participate in this meeting electronically by video and/or teleconference, as described below.

HOW TO OBSERVE THE MEETING

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

Join via video conference:

<https://us02web.zoom.us/j/89587284461?pwd=K29DVXVHL3QrcXVHTENSTDljc1BDdz09>
Passcode: 202300

Join via teleconference:

US: +1 669 900 6833 Conference ID: 895 8728 4461 Passcode: 202300

HOW TO MAKE A PUBLIC COMMENT

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

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

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

AMERICANS WITH DISABILITIES ACT

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

THIS PAGE INTENTIONALLY LEFT BLANK

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

Monday, June 27, 2022

1:00 PM

AGENDA

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

- 1. CALL TO ORDER, ROLL CALL**
- 2. PUBLIC COMMENT** *(Public may address the Board on any subject matter within the Board's jurisdiction. See "Notice to the Public" below.)*
- 3. RESOLUTION NO. 752 – 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
- 4. 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 May 12, 2022 Special Board Meeting
 - b. Minutes of May 23, 2022 Regular Board Meeting
 - c. Investment of Funds
 - Financial Reports
 - Investment Reports
 - d. Review of Paid Claims
- 5. VERBAL REPORTS FROM BOARD COMMITTEES**
Receive verbal information regarding the following committee meetings:
 - Administrative Committee Meeting – June 16, 2022
- 6. FISCAL YEAR 2022-23 ELECTIONS AND APPOINTMENTS OF CACHUMA OPERATION AND MAINTENANCE BOARD**
Action: Elections for President and Vice-President by nomination and roll call vote of the Board:
 - a. Election of President
 - b. Election of Vice-PresidentAction: Appointment by motion and roll call vote of the Board for each appointment:
 - c. Appointment of ACWA/JPIA Representative and Alternate
 - d. Appointment of General Counsel
 - e. Appointment of Secretary of the Board
 - f. Appointment of Treasurer /Auditor-Controller

THIS PAGE INTENTIONALLY LEFT BLANK

7. **RESOLUTION NO. 753 – ADOPTION OF COMB 2022 SUSTAINABILITY PLAN**
Action: Recommend adoption by motion and roll call vote of the Board
8. **RESOLUTION NO. 754 – ADOPTION OF REVISED PROCUREMENT POLICY**
Action: Recommend adoption by motion and roll call vote of the Board
9. **GENERAL MANAGER REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
 - Administration
 - Virtual Meetings
 - Staff Professional Development
10. **ENGINEER’S REPORT**
Receive information from the COMB Engineer, including but not limited to the following:
 - Climate Conditions
 - Wildfire Risks
 - Water Quality
 - South Coast Conduit Right-of-Way Survey
 - Lake Elevation Projection
 - Infrastructure Improvement Projects
11. **OPERATIONS DIVISION REPORT**
Received 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**

THIS PAGE INTENTIONALLY LEFT BLANK

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

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

17. RECONVENE INTO OPEN SESSION

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

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

18. MEETING SCHEDULE

- **July 25, 2022 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

19. COMB ADJOURNMENT

NOTICE TO PUBLIC

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

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

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

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

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

THIS PAGE INTENTIONALLY LEFT BLANK

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 27, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: Resolution No. 752 – Confirmation of Local Emergency – Ratification of Governor Newsom’s Declared State of Emergency (Health and Safety)

RECOMMENDATION:

The Board of Directors receive an update on the existing state of emergency and local COVID-19 status and provide direction to staff, as appropriate, including adopting Resolution No. 752 pursuant to the requirements of AB 361, authorizing remote teleconference meetings of the Board of Directors and its Committees pursuant to Government Code Section 54953(e) (Brown Act).

SUMMARY:

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

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

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

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

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

On September 28, 2021, Santa Barbara County Health Officials issued a social distancing recommendation related to the passing of AB 361. On February 16, 2022, Santa Barbara County Health Officials released an extension to continue a social distancing recommendation and continue teleconferencing options for public meetings. As of June 13, 2022, the reported case rate per 100k population is 28 with hospitalizations and deaths having increased during the month of June.

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

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

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

LEGAL CONCURRENCE:

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

LIST OF EXHIBITS:

- 1) Resolution No. 752

RESOLUTION NO. 752

**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 JUNE 27, 2022 THROUGH JULY 27, 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 June 27, 2022, and shall be effective until the earlier of (i) July 27, 2022, or such time the Governing Board adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of COMB may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board on June 27, 2022, by the following roll call votes:

AYES:

NAYES:

ABSENT:

ABSTAINED:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board

THIS PAGE INTENTIONALLY LEFT BLANK

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

**Thursday, May 12, 2022
10:00 A.M.**

MINUTES

1. CALL TO ORDER, ROLL CALL

The special meeting of the Board of Directors was called to order by President Holcombe at 10:01 AM with a quorum of directors present. Director Hayman joined the meeting shortly after roll call.

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	Timothy Robinson, Fisheries Division Manager
Edward Lyons, Administrative Manager/CFO	Dorothy Turner, Administrative Assistant
Shane King, Operations Division Supervisor	

Others Present:

Bob McDonald, Carpinteria Valley Water District

2. PUBLIC COMMENT

There was no public comment.

3. DRAFT PROPOSED 3RD AMENDMENT TO THE 2021-2025 INFRASTRUCTURE IMPROVEMENT PLAN (IIP)

Ms. Gingras presented the staff memo proposing a third amendment to the IIP. She provided a summary of the development of the current IIP, noting its importance as a tool to inform and support the annual Operating Budget. She drew the Board's attention to the matrix incorporated in the memo, listing notable proposed changes to the Plan and discussed each item. Ms. Gingras stressed

that approval of the changes to the plan does not constitute approval of the individual projects, each of which will be brought before the Board at the appropriate time. The draft third amendment to the IIP will be forwarded to the next regular meeting, accompanied by a resolution to adopt.

4. DRAFT FISCAL YEAR 2022-23 COMB OPERATING BUDGET

Mr. Lyons presented the draft Fiscal Year 2022-23 Operating Budget to the board. Sharing a Powerpoint presentation, he provided an overview of the budget process. He followed with an analysis of the anticipated managed revenues. Mr. Lyons reviewed, in detail, proposed expenditures for each division, providing explanation for major expenses in each and supporting any variances. He noted net budget changes over the current Fiscal Year. Mr. Lyons fielded questions and comments from the Board. The draft budget will be brought before the Board at the next regular meeting with a resolution to adopt.

5. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

There were no requests from the Board for future agenda items.

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

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

The Board adjourned into Closed Session at 10:51 AM.

7. RECONVENE INTO OPEN SESSION

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

- 6a. Name of matter: *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647 – Request for Declaratory and Injunctive Relief
- 6b. Potential Litigation: Conference with Legal Counsel

The Board reconvened into open session at 11:38 AM. There was no reportable action for either of items 6.a. or 6.b.

8. MEETING SCHEDULE

- **May 23, 2022 Regular Board Meeting at 1:00 P.M**
- **Board Packages Available on COMB website www.cachuma-board.org**

10. COMB ADJOURNMENT

There being no further business, the meeting was adjourned at 11:39 AM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

APPROVED:

Polly Holcombe, President of the Board

THIS PAGE INTENTIONALLY LEFT BLANK

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

**Monday, May 23, 2022
1:00 PM**

MINUTES

1. CALL TO ORDER, ROLL CALL

The regular meeting of the Board of Directors was called to order by President Holcombe at 1:00 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
Shane King, Operations Supervisor

Elijah Papen, Program Analyst III
Tim Robinson, Fisheries Division Manager
Dorothy Turner, Administrative Assistant

Others Present:

Joshua Haggmark, City of Santa Barbara
Catherine Taylor, City of Santa Barbara

Stephen Torigiani, Young, Wooldridge LLP
Matt Young, COSB Water Agency

2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

- a. Minutes of April 25, 2022 Regular Board Meeting
- b. Investment of Funds
 - Financial Reports
 - Investment Reports
- c. Review of Paid Claims

Ms. Gingras presented the Consent Agenda items for Board approval and invited comments from Mr. Lyons. Mr. Lyons drew Board attention to the Paid Claim Report, reviewing various items of note,

including payments to Flowers & Associates, Houston & Harris, Tierra Contracting and the USGS. As there were no comments or questions, President Holcombe called for a motion.

Director Hanson moved to approve the Consent Agenda, followed by a second from Director Sneddon. The motion passed 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 – May 3, 2022* – President Holcombe advised that the single item reviewed in committee is presented to the Board today.
- *Operations Committee Meeting – May 11, 2022* - Director Sneddon briefly reviewed the committee agenda items and noted that both were forwarded to the Board to be heard today.

5. RESOLUTION NO. 748 – CONFIRMATION OF LOCAL EMERGENCY - ACKNOWLEDGEMENT OF GOVERNOR NEWSOM’S DECLARED STATE OF EMERGENCY (HEALTH AND SAFETY)

Ms. Gingras presented the resolution to the Board, stating that she continues to review the County website to monitor COVID case numbers. A Board discussion followed with each Board member providing input and perspective.

Director Hanson moved to approve the resolution. Director Sneddon seconded the motion which carried with a vote of five ayes and one nay.

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

6. RESOLUTION NO. 749 – 2021-2025 INFRASTRUCTURE IMPROVEMENT PLAN (IIP) – PROPOSED 3RD AMENDMENT

Ms. Gingras introduced the resolution to approve the third amendment to the IIP. She noted that the amendment supplements the annual budget and results in a nominal net increase to the plan of \$5000.

Director Sneddon provided a motion to adopt the amendment. Director Hayman seconded the motion which passed unanimously with a vote of six in favor.

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

7. RESOLUTION NO. 750 – FISCAL YEAR 2022-2023 OPERATING BUDGET

Ms. Gingras presented the FY 2022-23 Operating Budget to the Board for approval, noting it was unchanged since the Special Board meeting, other than the addition of a section illustrating performance metrics.

Director Sneddon motioned to adopt the Operating Budget, seconded by Director Hanson. The motion carried with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain

8. RESOLUTION NO. 751 – 2021-2025 INFRASTRUCTURE IMPROVEMENT PLAN – LAKE CACHUMA EMERGENCY PUMPING FACILITY SECURED PIPELINE PROJECT

Ms. Gingras introduced the resolution to approve the Secured Pipeline Project, with thanks to Mr. Degner and team for their hard work in bringing the project forward. Mr. Degner reviewed the highlights of the staff memo. Mr. Degner noted the advantages to water quality and re-deployment of the EPFP that will be captured if the secured pipeline is installed. He summarized the status of the various tasks appurtenant to the project and reviewed the contractor agreements necessary to manage and construct the project. Mr. Degner fielded comments from the Board.

Director Hayman provided a motion to approve the project and Director Sneddon seconded. The motion carried with an enthusiastic vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain

9. GENERAL MANAGER REPORT

- Administration

Ms. Gingras presented the General Manager Report, commenting on the upcoming audit schedule and COMB's internal work plans. She provided an update on the status of IRWMP Round 2 funding, noting that COMB will submit the pumping barge for funding consideration.

10. ENGINEER'S REPORT

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

Mr. Degner presented the Engineer's Report, noting that Santa Barbara County is now classified as being in the extreme drought category. Based upon lake elevation models, anticipated CCWA deliveries and water rights releases, he projected deployment of the pumping barge as early as March of 2023. Mr. Degner reported that he had requested updated demand estimates from the Member Agencies and will update the modeling scenario as these are received. Finally, he reviewed briefly the status of the various Infrastructure Improvement Projects.

11. OPERATIONS DIVISION REPORT

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. King reviewed the Operations Division Report, highlighting Operations staff support in the third trailer installation, annual confined space training, fence repair at Lauro reservoir and progress on tasks requested by Reclamation in the 2021 Facilities Review. Additionally, he reported that staff is busy with routine tasks, including weed abatement and work at the North Portal. Mr. King fielded questions from the Board.

12. FISHERIES DIVISION REPORT

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

Mr. Robinson presented the Fisheries Division Report with an update on BiOp required target flow measurements. In light of upcoming reservoir demands and lack of precipitation, he advised that he will be meeting with CDFW and Reclamation to determine steps required to continue to meet target flows and sustain the fishery. Mr. Robinson fielded various questions and concerns. Additionally, he reported that thermograph units are all deployed. Finally he presented a well-received slide show illustrating migrant trapping efforts and redd surveys.

13. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

- Maintenance and Monitoring

Mr. Robinson presented the Oak Tree Report, noting that staff continues to irrigate the trees and weed. The Oak Tree inventory is well under way with hopes to complete it soon. He advised the Board that upon completion of the inventory, the annual report would be compiled.

14. MONTHLY CACHUMA PROJECT REPORTS

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

Ms. Gingras commented that the Cachuma Project Reports as presented contained nothing unusual to note.

15. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

President Holcombe requested an update on the status of staff funding efforts.

16. MEETING SCHEDULE

- **Regular Board Meeting – June 27, 2022 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

17. COMB ADJOURNMENT

There being no further business, the meeting was adjourned at 2:30 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

APPROVED:

Polly Holcombe, President of the Board

THIS PAGE INTENTIONALLY LEFT BLANK

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

	May 31, 2022
ASSETS	
Current Assets	
Checking/Savings	
Trust Funds	
1210 · Warren Act Trust Fund	\$ 220,681.72
1220 · Renewal Fund	74,033.06
Total Trust Funds	\$ 294,714.78
1050 · General Fund	1,263,327.18
1100 · Revolving Fund	202,914.51
Total Checking/Savings	1,760,956.47
Accounts Receivable	
1301 · Accounts Receivable	1,570.00
Total Accounts Receivable	1,570.00
Other Current Assets	
1010 · Petty Cash	500.00
1200 · LAIF	1,117,561.33
1303 · Bradbury SOD Act Assessments Receivable	213,957.00
1304 · Lauro Dam SOD Assessments Receivable	32,837.16
1400 · Prepaid Insurance	10,656.72
1900 · Deposits	236,109.85
Total Other Current Assets	1,611,622.06
Total Current Assets	3,374,148.53
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	\$ 9,685,234.86

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

	May 31, 2022
LIABILITIES & NET POSITION	
Liabilities	
Current Liabilities	
Accounts Payable	
2200 · Accounts Payable	\$ 28,675.45
Total Accounts Payable	28,675.45
Other Current Liabilities	
2505 · Accrued Wages	20,168.77
2550 · Vacation/Sick	202,762.73
2561 · Bradbury Dam SOD Act	213,956.99
2563 · Lauro Dam SOD Act	32,837.16
2565 · Accrued Interest SOD Act	46,692.00
2590 · Deferred Revenue	294,714.78
2595 · Deferred Revenue - Oak Tree	2,690.43
Total Other Current Liabilities	813,822.86
Total Current Liabilities	842,498.31
Long Term Liabilities	
2602 · Long Term SOD Act Liability-Bradbury	4,057,362.07
2603 · Long Term SOD Act Liability - Lauro	739,312.90
2604 · OPEB 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
Total Long Term Liabilities	13,355,921.97
Total Liabilities	14,198,420.28
Net Position	
3000 · Opening Balance Net Position	(5,296,580.05)
3901 · Retained Net Assets	(521,650.49)
Net Surplus / Deficit	1,305,045.12
Total Net Position	(4,513,185.42)
TOTAL LIABILITIES & NET POSITION	\$ 9,685,234.86

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

	Fisheries				Operations				TOTAL			
	Jul '21 - May 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - May 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - May 22	Budget	\$ Over / (Under) Budget	% of Budget
	Revenue											
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	\$ 1,113,930.30	\$ 1,073,752.00	\$ 40,178.30	103.74%	\$ 3,865,221.00	\$ 3,865,221.00	\$ -	100.0%	\$ 4,979,151.30	\$ 4,938,973.00	\$ 40,178.30	100.81%
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 · EPPF 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				3,481.76	0.00	3,481.76	100.0%	3,481.76	0.00	3,481.76	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	15,252.67	0.00	15,252.67	100.0%	510.00	0.00	510.00	100.0%	15,762.67	0.00	15,762.67	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%
Total 3000 REVENUE	\$ 1,405,565.43	\$ 1,427,013.00	\$ (21,447.57)	98.5%	\$ 3,907,833.32	\$ 3,865,221.00	\$ 42,612.32	101.1%	\$ 5,313,398.75	\$ 5,292,234.00	\$ 21,164.75	100.4%
Expense												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 793,828.88	\$ 1,023,887.00	\$ (230,058.12)	77.53%	\$ 793,828.88	\$ 1,023,887.00	\$ (230,058.12)	77.53%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				29,025.72	35,000.00	-5,974.28	82.93%	29,025.72	35,000.00	-5,974.28	82.93%
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				363.44	5,000.00	-4,636.56	7.27%	363.44	5,000.00	-4,636.56	7.27%
3204 · Miscellaneous	0.00				2,559.89	10,000.00	-7,440.11	25.6%	2,559.89	10,000.00	-7,440.11	25.6%
Total 3200 VEH & EQUIPMENT	0.00				33,710.78	115,000.00	-81,289.22	29.31%	33,710.78	115,000.00	-81,289.22	29.31%
3300 · CONTRACT LABOR												
3301 · Conduit, Meter, Valve & Misc	0.00				10,210.00	20,000.00	-9,790.00	51.05%	10,210.00	20,000.00	-9,790.00	51.05%
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				33,419.28	60,000.00	-26,580.72	55.7%	33,419.28	60,000.00	-26,580.72	55.7%
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%
Total 3300 · CONTRACT LABOR	0.00				126,232.26	130,000.00	-3,767.74	97.1%	126,232.26	130,000.00	-3,767.74	97.1%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				70,339.54	65,000.00	5,339.54	108.22%	70,339.54	65,000.00	5,339.54	108.22%
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				3,195.18	5,000.00	-1,804.82	63.9%	3,195.18	5,000.00	-1,804.82	63.9%
Total 3400 · MATERIALS & SUPPLIES	0.00				85,281.42	85,000.00	281.42	100.33%	85,281.42	85,000.00	281.42	100.33%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				6,214.71	7,000.00	-785.29	88.78%	6,214.71	7,000.00	-785.29	88.78%
3502 · Uniforms	0.00				1,248.75	5,750.00	-4,501.25	21.72%	1,248.75	5,750.00	-4,501.25	21.72%
3503 · Communications	0.00				9,793.24	15,800.00	-6,006.76	61.98%	9,793.24	15,800.00	-6,006.76	61.98%
3504 · USA & Other Services	0.00				6,167.97	4,750.00	1,417.97	129.85%	6,167.97	4,750.00	1,417.97	129.85%
3505 · Miscellaneous	0.00				11,448.04	12,000.00	-551.96	95.4%	11,448.04	12,000.00	-551.96	95.4%
3506 · Training	0.00				1,076.84	3,000.00	-1,923.16	35.9%	1,076.84	3,000.00	-1,923.16	35.9%
Total 3500 · OTHER EXPENSES	0.00				35,949.55	48,300.00	-12,350.45	74.43%	35,949.55	48,300.00	-12,350.45	74.43%
4100 · LABOR - FISHERIES	639,319.21	755,458.00	-116,138.79	84.63%	0.00				639,319.21	755,458.00	-116,138.79	84.63%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	21,228.62	30,000.00	-8,771.38	70.76%	0.00				21,228.62	30,000.00	-8,771.38	70.76%

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

	Fisheries				Operations				TOTAL			
	Jul '21 - May 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - May 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - May 22	Budget	\$ Over / (Under) Budget	% of Budget
	4280 · Fixed Capital	54,088.60	50,000.00	4,088.60	108.18%	0.00				54,088.60	50,000.00	4,088.60
4290 · Miscellaneous	7.53	2,500.00	-2,492.47	0.3%	0.00				7.53	2,500.00	-2,492.47	0.3%
Total 4200 · VEHICLES & EQUIP - FISHERIES	75,324.75	82,500.00	-7,175.25	91.3%	0.00				75,324.75	82,500.00	-7,175.25	91.3%
4220 · CONTRACT LABOR - FISHERIES												
4221 · Meters & Valves	1,171.91	3,000.00	-1,828.09	39.06%	0.00				1,171.91	3,000.00	-1,828.09	39.06%
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%
Total 4220 · CONTRACT LABOR - FISHERIES	7,247.45	19,100.00	-11,852.55	37.95%	0.00				7,247.45	19,100.00	-11,852.55	37.95%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	4,384.11	7,000.00	-2,615.89	62.63%	0.00				4,384.11	7,000.00	-2,615.89	62.63%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	4,384.11	7,000.00	-2,615.89	62.63%	0.00				4,384.11	7,000.00	-2,615.89	62.63%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	3,337.54	3,500.00	-162.46	95.36%	0.00				3,337.54	3,500.00	-162.46	95.36%
Total 4500 · OTHER EXPENSES - FISHERIES	3,337.54	3,500.00	-162.46	95.36%	0.00				3,337.54	3,500.00	-162.46	95.36%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				7,915.70	12,400.00	-4,484.30	63.84%	7,915.70	12,400.00	-4,484.30	63.84%
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				38,122.70	75,000.00	-36,877.30	50.83%	38,122.70	75,000.00	-36,877.30	50.83%
5101 · Audit	0.00				15,232.11	22,750.00	-7,517.89	66.95%	15,232.11	22,750.00	-7,517.89	66.95%
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				22,679.58	33,326.00	-10,646.42	68.05%	22,679.58	33,326.00	-10,646.42	68.05%
5310 · Postage/Office Exp	0.00				6,081.74	6,000.00	81.74	101.36%	6,081.74	6,000.00	81.74	101.36%
5311 · Office Equip/Leases	0.00				7,106.36	13,440.00	-6,333.64	52.88%	7,106.36	13,440.00	-6,333.64	52.88%
5312 · Misc Admin Expenses	0.00				12,616.97	14,000.00	-1,383.03	90.12%	12,616.97	14,000.00	-1,383.03	90.12%
5313 · Communications	0.00				9,197.33	6,500.00	2,697.33	141.5%	9,197.33	6,500.00	2,697.33	141.5%
5314 · Utilities	0.00				7,044.63	9,737.00	-2,692.37	72.35%	7,044.63	9,737.00	-2,692.37	72.35%
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				2,732.71	5,000.00	-2,267.29	54.65%	2,732.71	5,000.00	-2,267.29	54.65%
5318 · Computer Consultant	0.00				24,783.20	16,500.00	8,283.20	150.2%	24,783.20	16,500.00	8,283.20	150.2%
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				2,243.76	3,500.00	-1,256.24	64.11%	2,243.76	3,500.00	-1,256.24	64.11%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				166,869.07	237,453.00	-70,583.93	70.28%	166,869.07	237,453.00	-70,583.93	70.28%
5299 · ADMIN LABOR	0.00				521,060.97	620,531.00	-99,470.03	83.97%	521,060.97	620,531.00	-99,470.03	83.97%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	7,693.50	25,000.00	-17,306.50	30.77%	0.00				7,693.50	25,000.00	-17,306.50	30.77%
5410 · Postage / Office Supplies	3,815.18	4,000.00	-184.82	95.38%	0.00				3,815.18	4,000.00	-184.82	95.38%
5411 · Office Equipment / Leases	3,826.48	8,533.00	-4,706.52	44.84%	0.00				3,826.48	8,533.00	-4,706.52	44.84%
5412 · Misc. Admin Expense	5,257.72	7,500.00	-2,242.28	70.1%	0.00				5,257.72	7,500.00	-2,242.28	70.1%
5413 · Communications	4,952.40	4,455.00	497.40	111.17%	0.00				4,952.40	4,455.00	497.40	111.17%
5414 · Utilities	3,795.32	5,243.00	-1,447.68	72.39%	0.00				3,795.32	5,243.00	-1,447.68	72.39%
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	3,363.55	3,000.00	363.55	112.12%	0.00				3,363.55	3,000.00	363.55	112.12%
5418 · Computer Consultant	13,344.80	9,000.00	4,344.80	148.28%	0.00				13,344.80	9,000.00	4,344.80	148.28%
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%

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

	Fisheries				Operations				TOTAL			
	Jul '21 - May 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - May 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul '21 - May 22	Budget	\$ Over / (Under) Budget	% of Budget
5426 · Director Fees	4,262.30	6,700.00	-2,437.70	63.62%	0.00				4,262.30	6,700.00	-2,437.70	63.62%
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	1,208.18	1,500.00	-291.82	80.55%	0.00				1,208.18	1,500.00	-291.82	80.55%
5441 · Audit	8,201.89	12,250.00	-4,048.11	66.95%	0.00				8,201.89	12,250.00	-4,048.11	66.95%
5443 · Liab & Property Ins	12,212.08	17,745.00	-5,532.92	68.82%	0.00				12,212.08	17,745.00	-5,532.92	68.82%
Total 5400 · GENERAL & ADMIN - FISHERIES	78,933.65	116,426.00	-37,492.35	67.8%	0.00				78,933.65	116,426.00	-37,492.35	67.8%
5499 · ADMIN LABOR-FISHERIES	212,161.63	258,029.00	-45,867.37	82.22%	0.00				212,161.63	258,029.00	-45,867.37	82.22%
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%
6000 · SPECIAL PROJECTS												
6062 · SCADA	0.00				22,070.36	150,000.00	-127,929.64	14.71%	22,070.36	150,000.00	-127,929.64	14.71%
6090 · COMB Office Building	0.00				205,253.00	216,000.00	-10,747.00	95.03%	205,253.00	216,000.00	-10,747.00	95.03%
6096 · SCC Structure Rehabilitation												
6096-3 · Repair Ortega Outlet Pipeline	0.00				243,298.87	0.00	243,298.87	100.0%	243,298.87	0.00	243,298.87	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%
Total 6096 · SCC Structure Rehabilitation	0.00				368,547.61	390,000.00	-21,452.39	94.5%	368,547.61	390,000.00	-21,452.39	94.5%
6097 · GIS and Mapping	0.00				8,375.00	10,000.00	-1,625.00	83.75%	8,375.00	10,000.00	-1,625.00	83.75%
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				62,461.54	352,000.00	-289,538.46	17.75%	62,461.54	352,000.00	-289,538.46	17.75%
6136 · SCC Isolation Valve Evaluation	0.00				427,159.59	400,000.00	27,159.59	106.79%	427,159.59	400,000.00	27,159.59	106.79%
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%
Total 6000 · SPECIAL PROJECTS	0.00				1,131,855.73	1,600,050.00	-468,194.27	70.74%	1,131,855.73	1,600,050.00	-468,194.27	70.74%
6200 · FISHERIES ACTIVITIES												
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	6,620.00	10,000.00	-3,380.00	66.2%	0.00				6,620.00	10,000.00	-3,380.00	66.2%
6205 · USGS Stream Gauge Program	67,040.00	105,000.00	-37,960.00	63.85%	0.00				67,040.00	105,000.00	-37,960.00	63.85%
6207 · Oak Tree Restoration Program	16,509.65	25,000.00	-8,490.35	66.04%	0.00				16,509.65	25,000.00	-8,490.35	66.04%
Total 6200 · FISHERIES ACTIVITIES	91,529.40	175,000.00	-83,470.60	52.3%	0.00				91,529.40	175,000.00	-83,470.60	52.3%
6300 · HABITAT ENHANCEMENT												
6303 · Tributary Projects Support	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
Total 6300 · HABITAT ENHANCEMENT	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
7007 · INTEREST EXPENSE-EPFP	0.00				115.47	0.00	115.47	100.0%	115.47	0.00	115.47	100.0%
Total Expense	\$ 1,112,237.74	\$ 1,427,013.00	\$ (314,775.26)	77.94%	\$ 2,896,115.89	\$ 3,865,221.00	\$ (969,105.11)	74.93%	\$ 4,008,353.63	\$ 5,292,234.00	\$ (1,283,880.37)	75.74%
Net Surplus / Deficit	\$ 293,327.69	\$ -	\$ 293,327.69	100.0%	\$ 1,011,717.43	\$ -	\$ 1,011,717.43	100.0%	\$ 1,305,045.12	\$ -	\$ 1,305,045.12	100.0%

THIS PAGE INTENTIONALLY LEFT BLANK

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 27, 2022
Submitted by:	Janet Gingras

SUBJECT: Investment Report – May 31, 2022

RECOMMENDATION

The Board of Directors receive and file the Cachuma Operation & Maintenance Board Investment Report as of May 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 May 2022, is reported at 0.684%.

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	4/30/2022	\$	1,117,561.33
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	5/31/2022	\$	1,117,561.33

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	4/30/2022	\$	74,033.06
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	5/31/2022	\$	74,033.06
American Riviera Bank			
Warren Act Trust Fund			
Previous Balance	4/30/2022	\$	220,681.72
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	5/31/2022	\$	220,681.72

STATEMENT

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



 Secretary

Cachuma Operation & Maintenance Board

Paid Claims

As of May 31, 2022

Date	Num	Name	Memo	Amount
1050 - General Fund				
05/09/2022	29312	Association of Ca Water Agencies/JPIA	June 2022 Health Benefits Premium	-28,507.16
05/09/2022	29313	Cabela's LLC/Bass Pro LLC	Waders & Wading Boots	-519.85
05/09/2022	29314	City of Santa-Barbara	Trash & Recycling April 2022	-326.22
05/09/2022	29315	Cori Hayman	Director Meeting Fees April 2022	-150.00
05/09/2022	29316	ECHO Communications	Message Service May 2022	-80.10
05/09/2022	29317	Employee Relations, Inc.	Pre-Employment Background Check (Fisheries)	-235.44
05/09/2022	29318	Graybar Electric Company, Inc.	Repair of Ortega Outlet Pipeline - Materials (Ops)	-45.36
05/09/2022	29319	HACH Company	Water Treatment Supplies (Ops)	-125.46
05/09/2022	29320	Harrison Hardware	Supplies (Ops)	-15.70
05/09/2022	29321	VOID	VOID	0.00
05/09/2022	29322	Kenneth A. Knight, Consulting	Oak Tree Program - Arborist Services - Live Oak	-1,000.00
05/09/2022	29323	Kristen Sneddon	Director Meeting Fees April 2022	-300.00
05/09/2022	29324	Lauren W. Hanson	Director Meeting Fees April 2022	-300.00
05/09/2022	29325	MarBorg Industries	Drysuit (Fisheries)	-1,043.97
05/09/2022	29326	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 4/15/22, 4/29/22	-223.60
05/09/2022	29327	Peter Lapidus Construction, Inc.	COMB Building Replacement - Demolition	-13,972.00
05/09/2022	29328	Polly Holcombe	Director Meeting Fees April 2022	-384.00
05/09/2022	29329	Powell Garage	2003 Ford F-150 Oil Change (Fisheries)	-104.50
05/09/2022	29330	Sansum Clinic-Occupational Medicine	Pre-Employment Physical (Fisheries)	-339.00
05/09/2022	29331	Southern California Edison	Electricity - Main Office & Outlying Stations	-996.80
05/09/2022	29332	Staples Business Credit	Office Supplies (Ops & Fisheries)	-562.31
05/09/2022	29333	Total Compensation Systems, Inc.	GASB 75 Full Valuation - Installment #1	-1,530.00
05/09/2022	29334	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-191.50
05/09/2022	29335	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 6054ci	-303.41
05/09/2022	29336	WEX Fleet Universal	Fleet Fuel April 2022	-3,380.16
05/09/2022	29337	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance April 2022	-480.00
05/09/2022	29338	Crocker Refrigeration Heating & Air	COMB Building Replacement - Refrigerant Removal	-229.72
05/09/2022	29339	Jacob Gooding	Reimburse Training Materials (Ops)	-299.99
05/09/2022	29340	Scott Volan	Reimburse - Personal Protection Equipment (Fisheries)	-88.08
05/13/2022	29341	Advanced Cable Systems	COMB Building Replacement - Install Data Cabling	-2,320.00
05/13/2022	29342	AT&T	Long Distance Service 3/28-4/27/22	-35.34
05/13/2022	29343	Atlas Performance Industries, Inc.	COMB Building Replacement - Final Invoice (Construction)	-10,395.33
05/13/2022	29344	Carpinteria Valley Lumber Company	Supplies (Ops)	-60.63
05/13/2022	29345	City of Santa Barbara-Central Stores	Personal Protective Equipment (Ops)	-269.85
05/13/2022	29346	Coastal Copy, LP	Copier Maintenance - Kyocera Taskalfas 3253ci & 6054ci	-533.61
05/13/2022	29347	Cox Communications Santa Barbara	Business Internet May 2022	-195.44
05/13/2022	29348	Cushman Contracting Corp.	Repair of Ortega Reservoir Outlet Pipeline - Construction Services	-183,023.77
05/13/2022	29349	Federal Express	Shipping (Ops)	-101.05
05/13/2022	29350	Frontier Communications	Phone Service - Main Office Land Lines	-170.24
05/13/2022	29351	Impulse Advanced Communications	Phone Service - Main Office	-858.13
05/13/2022	29352	Premiere Global Services	Conference Calls April 2022	-26.62
05/13/2022	29353	Rayne of Santa Barbara Inc	May RO Rental	-32.00
05/13/2022	29354	Santa Barbara Office Interiors	COMB Building Replacement - Office Furniture (Fisheries)	-12,131.55
05/13/2022	29355	Smardan-Hatcher Co.	Supplies (Ops)	-63.29
05/13/2022	29356	Tierra Contracting, Inc.	La Mirada Isolation Valve - Construction Services	-99,513.45
05/13/2022	29357	Tri-Co Reprographics	Secured Pipeline Project - Drawings	-125.29
05/13/2022	29358	Turenchalk Network Services, Inc.	Monitors & Cables (Fisheries)	-432.08
05/13/2022	29359	Turenchalk Network Services, Inc.	Dell Optiplex Workstation (Admin)	-832.91
05/13/2022	29360	Turenchalk Network Services, Inc.	Network Support April 2022 (Ops & Fisheries)	-4,448.60
05/13/2022	29361	Verizon Wireless	Cellular Service - SCADA USBs (Ops)	-38.01
05/13/2022	29362	Verizon Wireless	Cellular Service - Wireless Modems (Ops)	-304.30
05/17/2022	29363	Calif Dept of Fish & Wildlife	Lake Cachuma EFF Secured Pipeline Project - 1600 Permit Fees	-17,246.25
05/17/2022	29364	Sparkletts	Operations Safety	-80.81
05/17/2022	29365	Tierra Contracting, Inc.	La Mirada Isolation Valve - Construction Services	-64,552.00
05/17/2022	29366	Verizon Wireless	Operations Cell Phones & iPads	-380.59
05/23/2022	29367	American Riviera Bank - Card Service	Acrobat DC, Website Hosting, Auto Repair, Zoom, Supplies (Ops & Fisheries)	-2,043.47
05/23/2022	29368	Big Brand Tire Company	1999 Chevrolet C6500 - Replace 6 Tires	-1,789.73
05/23/2022	29369	Cushman Contracting Corp.	EPFP Pumping System - Pay Req #97	-3,500.00
05/23/2022	29370	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Sampling	-135.00
05/23/2022	29371	Federal Express	Shipping (Ops)	-41.46
05/23/2022	29372	J&C Services	Office Cleaning Service - Weekly 4/22/22 - 5/13/22	-680.00
05/23/2022	29373	Onset Computer Corporation	HOBO Dissolved Oxygen Loggers - Battery Replacement (Fisheries)	-1,171.91

Cachuma Operation & Maintenance Board

Paid Claims

As of May 31, 2022

Date	Num	Name	Memo	Amount
05/23/2022	29374	PG&E	Electricity - North Portal & Tecolote Tunnel	-407.18
05/23/2022	29375	Powell Garage	2013 International Water Truck - Re-seal Rear Axle Leak	-114.87
05/23/2022	29376	Santa Barbara Office Interiors	COMB Building Replacement - Moving Services	-1,188.00
05/23/2022	29377	Tactical Flowmeter	High Pressure Retractor for Tactical Flow Meter	-3,372.62
05/31/2022	29378	Aspect Engineering Group	SCADA Upgrade - Support Services	-73.84
05/31/2022	29379	Harrison Hardware	Oak Tree Program - Supplies	-9.23
05/31/2022	29380	MarBorg Industries	Disposal Fees	-1,737.93
05/31/2022	29381	MarBorg Industries	Portable Facilities - Outlying Stations (Ops)	-423.76
05/31/2022	29382	Musick, Peeler & Garrett LLP	General Counsel April 2022 (Ops & Fisheries)	-6,693.00
05/31/2022	29383	O'Reilly Automotive, Inc.	Supplies (Ops)	-69.57
05/31/2022	29384	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 5/13/22 & 5/27/22	-212.65
05/31/2022	29385	Securitas Electronic Security	Security System Monitoring 5/1/2022-7/31/2022	-120.00
05/31/2022	29386	Securitas Electronic Security	COMB Building Replacement - Security System Installation	-2,132.72
05/31/2022	29387	Staples Business Credit	Office Supplies (Ops & Fisheries)	-736.51
05/31/2022	29388	The Gas Company	Gas - Main Office	-3.67
05/31/2022	29389	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 3253ci	-123.98
05/31/2022	29390	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance May 2022	-480.00
05/31/2022	29391	ZWorld GIS	GIS & Mapping Projects - Aerial Imagery Services	-5,500.00
Total 1050 · General Fund				<u>-486,666.57</u>
TOTAL				<u>-486,666.57</u>

APPROVALS

CACHUMA OPERATION & MAINTENANCE BOARD

Administrative Committee Meeting

Thursday, June 16, 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. Revised Draft 2022 COMB Sustainability Plan (*for information and possible recommendation*)
4. Proposed Change to Procurement Policy (*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.]

THIS PAGE INTENTIONALLY LEFT BLANK

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 27, 2022
Submitted by:	Janet Gingras

SUBJECT: Fiscal Year 2022-23 Elections and Appointments of Cachuma Operation and Maintenance Board

RECOMMENDATION:

The Board shall elect by nomination and roll call vote one of its members to serve as President and one of its members to serve as Vice President.

The Board shall make each appointment by a motion and roll call vote of the Board.

SUMMARY:

Each year during this time, the Board of Directors conducts the annual election of new officers and votes on appointed positions to serve the Board for the upcoming fiscal year. The newly elected officers and appointed positions will become effective July 1, 2021 and will remain in effect until June 30, 2022. The list below outlines the Officers to be elected and the appointments to be made at this time, as well as the current holders of each office and the slate of current appointees.

- a. Election of President
Currently Director Holcombe
 - b. Election of Vice-President
Currently Director Sneddon
-
- c. Appointment of ACWA/JPIA Representative and Alternate
Currently Director Sneddon and Janet Gingras
 - d. Appointment of General Counsel
Currently William Carter - Musick, Peeler & Garrett LLP
 - e. Appointment of Secretary of the Board
Currently General Manager, Janet Gingras
 - f. Appointment of Treasurer and Auditor-Controller
Currently Administrative Manager/CFO, Edward Lyons

LIST OF EXHIBITS:

N/A

THIS PAGE INTENTIONALLY LEFT BLANK

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 27, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: Resolution No. 753 - COMB 2022 Sustainability Plan

RECOMMENDATION:

The Board of Directors receive the revised COMB 2022 Sustainability Plan and provide direction to staff, including approving the Plan and adopting Resolution No. 753.

SUMMARY:

The Cachuma Operation and Maintenance Board (COMB) is committed to providing exemplary services that are consistent with our history, mission and unique composition. To be successful, we must be sustainable. Sustainability is most often defined as meeting the needs of the present without compromising the ability of future generations to meet theirs. The term is broadly used to indicate the responsibility associated with implementation of programs, initiatives and actions focused on the preservation of vital resources. The principles necessary to preserve those resources can be depicted as three concentric circles: economic, environmental, and social pillars of sustainability. These principles overlap and interconnect and, if followed in action, achieve results consistent with operating a sustainable organization.

BACKGROUND:

The development and adoption of this sustainability plan will provide COMB the foundation for promoting and maintaining a sustainable service model within our sphere of responsibility that balances economic, environmental, and social principles as a fundamental component of achieving COMB's mission. As a steward of valuable natural resources, it is our inherent responsibility to protect our present and future assets.

COMB staff has developed this plan to show how sustainability practices have historically been, and will continue to be, woven into the daily operation and maintenance of critical infrastructure necessary to manage the Cachuma Transferred Project Works. In addition, the plan supports the work associated with implementation of the Lower Santa Ynez River Fish Management Plan and the 2000 Cachuma Project Biological Opinion.

This plan will improve and develop over time and will be our guide and commitment to become a more sustainable governmental organization. The plan outlines and describes our initiatives, goals and objectives for improving our organization by reducing consumption and increasing our effectiveness while preserving the natural resources in which we have a responsibility to protect.

On March 28, 2022, the COMB Board of Directors received a presentation on the COMB 2022 Sustainability Plan and after providing comments to staff, requested the draft Plan be revised and brought back to the Board for further discussion.

COMB staff revised sections Addressing Climate Change (pages 1-3), Alignment Between COMB Mission and Sustainability Plan and Reduce our Carbon Footprint (page 55). The intent is to clarify the proposed actions by COMB to address climate change within the scope of COMB's operations and responsibilities.

FISCAL IMPACTS:

Inserting sustainability considerations into COMB's business operations and best practices will maximize financial performance and resource preservation, ultimately accruing to current and future generations. The projects and associated expenditures related to the initiatives identified within the Sustainability Plan will be approved by the Board of Directors prior to implementation.

COMMITTEE STATUS:

The COMB 2022 Draft Sustainability Plan was presented to the Administrative Committee on March 15, 2022 and forwarded to the Board of Directors for review and approval. On March 28, 2022, the COMB Board of Directors received a presentation on the COMB 2022 Sustainability Plan and after providing comments to staff, requested the draft Plan be revised and brought back to the Committee and Board for further discussion and approval. On June 16, 2022, the Administrative Committee received a revised COMB 2022 Draft Sustainability Plan and after providing comment forwards the Plan to the Board of Directors with a recommendation to approve the Plan.

LIST OF EXHIBITS:

- 1) Resolution No. 753
- 2) COMB 2022 Sustainability Plan

RESOLUTION NO. 753

**RESOLUTION OF THE GOVERNING BOARD OF THE
CACHUMA OPERATION & MAINTENANCE BOARD
APPROVING AND ADOPTING
THE COMB 2022 SUSTAINABILITY PLAN**

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, including the North Portal Intake Tower, the Tecolote Tunnel, the South Coast Conduit, the Sheffield Tunnel, four regulating reservoirs, flow control valves, meters, instrumentation at control stations, turnouts and appurtenant structures along the entire system (“Cachuma Project Transferred Project Works”); and

WHEREAS, as a steward of valuable natural resources, with a responsibility to protect our present and future assets, COMB is fully committed to providing exemplary services to our Member Agencies that are consistent with our history, mission, and unique composition; and

WHEREAS, COMB staff has developed a Sustainability Plan (“Plan”) describing and highlighting how sustainability practices have historically been practiced, and will continue to be implemented and integrated into the day-to-day operation and maintenance of critical infrastructure necessary to efficiently and effectively manage and operate the Cachuma Project Transferred Project Works; and

WHEREAS, the Plan will be COMB’s guide and commitment to become a more sustainable and efficient governmental organization; and

WHEREAS, the Plan outlines and describes stated initiatives, goals and objectives for improving our organization by reducing consumption and increasing our effectiveness, while preserving the natural resources that we have a responsibility to protect; and

WHEREAS, the Plan was reviewed by the COMB Administrative Committee on March 15, 2022, and after such review and comment, forwarded to the COMB Governing Board with a recommendation to approve and adopt the Plan; and

WHEREAS, comments received from the Board were incorporated into the revised plan and reviewed by the Administrative Committee on June 16, 2022 and forwarded to the COMB Governing Board on June 27, 2022 with a recommendation to approve and adopt the Plan.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF COMB AS FOLLOWS:

1. The Governing Board finds and determines that the facts set forth in the above recitals and in the documents referenced herein are true and correct.
2. The Governing Board approves the Sustainability Plan as set forth in the accompanying staff memorandum and Exhibit 2 of the memorandum and hereby adopts Resolution No. 753.
3. This Resolution shall take effect immediately.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board, this 27th day of June 2022, by the following roll call vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board

Sustainability Plan



Adopted: _____



This page left blank intentionally



**Cachuma Operation & Maintenance Board
Santa Barbara, California**

ACKNOWLEDGEMENTS:

Board of Directors

Name	Title	Member Agency
Polly Holcombe	President	Carpinteria Valley Water District
Kristen Sneddon	Vice President	City of Santa Barbara
Lauren Hanson	Director	Goleta Water District
Cori Hayman	Director	Montecito Water District

General Manager

Janet L. Gingras, General Manager

Staff Contributors

Edward Lyons, Administrative Manager, CFO
Joel Degner, Engineer / Operations Division Manager
Tim Robinson, Fisheries Division Manager
Elijah Papen, Program Analyst II
Perri Wolfe, Administrative Analyst
Dorothy Turner, Administrative Assistant II

This page left blank intentionally

Our Mission

*To provide a reliable source of water to our Member Agencies
in an efficient and cost effective manner
for the betterment of our community.*



This page left blank intentionally



COMB AT A GLANCE

Form of government	Joint Powers Authority
Date of organization	January 1, 1957
Number of full-time staff	15
Lake Cachuma maximum storage (acre feet)	193,305
Lake Cachuma spillway elevation (feet)	753
Tecolote Tunnel (miles)	6
South Coast Conduit pipeline (miles)	26
SCC design capacity	45 million gallons per day
Number of reservoirs	4
Number of structures maintained	220
Number of meters maintained	28

COMB MEMBER AGENCIES

COMB Member Agency	COMB Board Representation
Goleta Water District	2 Votes
City of Santa Barbara	2 Votes
Carpinteria Valley Water District	1 Vote
Montecito Water District	1 Vote
Total	6 Votes

CACHUMA PROJECT WATER ENTITLEMENT

Cachuma Project Member Unit	Entitlement (%)	Entitlement (AFY)
Goleta Water District	36.25%	9,322
City of Santa Barbara	32.19%	8,277
Carpinteria Valley Water District	10.94%	2,813
Montecito Water District	10.31%	2,651
SYR Water Conservation District, ID No. 1	10.31%	2,651
Total	100.00%	25,714

This page left blank intentionally

TABLE OF CONTENTS

Introduction

	Page
Sustainability Plan Overview	1-3
Purpose of the Plan	4
The Planning Process	4
Plan Organization	5

Background – A History of Sustainability

Cachuma Project Transferred Project Works	6-7
Imported Water – State Water Project	8
Modified Upper Release Reliability Project	8
Lake Cachuma Water Quality and Sediment Management Study	8
Emergency Pumping Facilities Project	9
Lake Cachuma Secured Pipeline Project	9-10
SCC Blow-Off Nozzle/Valve Replacement Project	10
Isolation Valve Projects	11
COMB Building Replacement Project	11
Biological Opinion and Fish Management Plan	12
Hilton Creek Watering System Project	12
Quiota Creek Fish Passage Projects	13
Lake Cachuma Surcharge Project	14
Oak Tree Restoration Program	14

Sustainability Plan Structure

A Vision for a Sustainable Organization	15
Our Policy Statement and Mission	15
Sustainability Guiding Principles	16-18
Strategy, Initiatives, Goals and Objectives	19-22
Integration of Strategic Initiatives with Mission and Planning Docs	23-24

Implementing Sustainability Initiatives

Sustainability Initiatives	25-27
Initiative 1 – Water Supply Reliability	28-32
Initiative 2 – Distribution Facilities Improvements	33-36
Initiative 3 – Environmental Stewardship and Public Trust Resources	37-40
Initiative 4 – Cost Effectiveness and Value	41-44
Initiative 5 – Organizational Policies and Financial Responsibility	45-47
Initiative 6 – Foster Leadership and Strengthen Workforce Capabilities	48-50
Alignment with Sustainability Pillars	51-54

TABLE OF CONTENTS

Sustainability Practices in Action

Page

Alignment Between COMB Mission and Sustainability Plan	55
Reduce our Carbon Footprint	55
Implementation	56
Monitoring and Reporting	56
Our Commitment Going Forward	57

Appendices

Appendix 1: Organizational Structure	58
Appendix 2: Cachuma Project Facilities Map	59
Appendix 3: COMB Managed Assets	60-63
Appendix 4: List of Acronyms and Abbreviations	64



INTRODUCTION



This page left blank intentionally

SUSTAINABILITY PLAN OVERVIEW

The Cachuma Operation and Maintenance Board (COMB) is committed to providing exemplary services that are consistent with our history, mission and unique composition. To be successful, we must be sustainable. Sustainability is most often defined as meeting the needs of the present without compromising the ability of future generations to meet theirs. The term is broadly used to indicate the responsibility associated with implementation of programs, initiatives and actions focused on the preservation of vital resources. The principles necessary to preserve those resources can be depicted as three concentric circles: **economic, environmental, and social pillars of sustainability**. These principles overlap and interconnect and, if followed in action, achieve results consistent with operating a sustainable organization.

The development of this Sustainability Plan (Plan) will provide COMB the foundation for promoting and maintaining a sustainable service model that balances economic, environmental, and social principles as a fundamental component of achieving COMB's mission. As a steward of valuable natural resources, it is our inherent responsibility to protect our present and future assets.

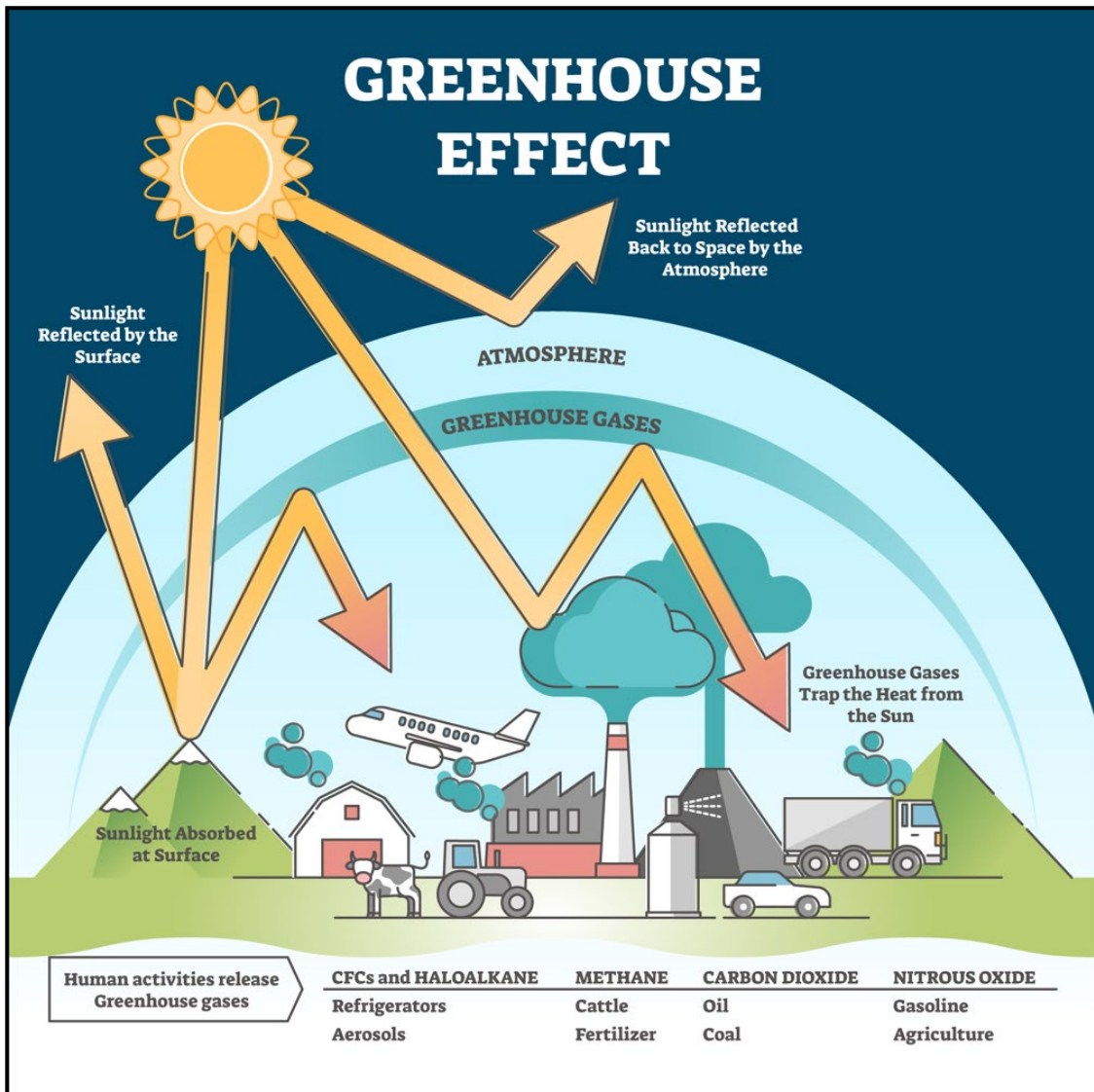
This Plan is intended to illuminate how sustainability practices have historically been, and will continue to be, woven into the daily operation and maintenance of critical infrastructure necessary to manage the Cachuma Transferred Project Works. In addition, the Plan supports the work associated with implementation of the Lower Santa Ynez River Fish Management Plan and the 2000 Cachuma Project Biological Opinion.

Addressing Climate Change

The Plan serves as COMB's guide to addressing climate change while carrying out our mission of providing a reliable source of water to the COMB Member Agencies. Climate change refers to long-term shifts in temperatures and weather patterns. These shifts may be natural, such as variations in the solar cycle. However, studies have shown that human activities have been the main driver of climate change, primarily due to burning fossil fuels like coal, oil and gas.

SUSTAINABILITY PLAN OVERVIEW (Continued)

When fossil fuels are burned, they release large amounts of carbon dioxide, a greenhouse gas, into the air. Greenhouse gases trap heat in our atmosphere, which can lead to global warming. Rising sea levels, extreme weather events (drought, wildfires, flooding etc.), and the degradation of natural resources are a direct result of increased carbon levels which threaten global economies and the health, safety, and welfare of local communities.



Source: Getty Images

SUSTAINABILITY PLAN OVERVIEW (Continued)

Responses to climate change vary and can range from doing nothing to taking urgent action. Action can include activities such as **mitigation** measures (avoiding the unmanageable) which aim to tackle the causes and minimize the possible impacts of climate change, and **adaptation** measures (managing the unavoidable) which are the process of adjusting to the current and future effects of climate change.

Within our sphere of responsibility, COMB will pursue our commitment to sustainability in response to climate change by reducing carbon emissions, exploring alternate sources of renewable energy, and evaluating pathways to adapt our operations to a changing climate. By tackling the sources of climate change, preparing for future impacts, and making our environment adaptable and resilient, COMB is determined and committed to building a better future for all.

Going Forward

This Plan will improve and develop over time and will be our guide and commitment to become a more sustainable governmental organization. The Plan outlines and describes our initiatives, goals and objectives for improving our organization by reducing consumption and increasing our effectiveness while preserving the natural resources, which we have a responsibility to protect. COMB will conduct performance evaluations and report our achievements to the Board of Directors and the stakeholders of the Cachuma Project in an effort to provide insight as to our progress as we travel through the journey of becoming a more sustainable organization.



THE PURPOSE OF THE PLAN

The Plan is our guide and commitment to be a sustainable organization. While COMB has made past efforts towards sustainability, this Plan allows the agency to make a formal commitment to addressing sustainability in our daily operations. Additionally, a focus on climate resilience will prepare our organization for our changing future.



The Plan provides direction over the next two years to advance sustainability efforts and build capacity to:

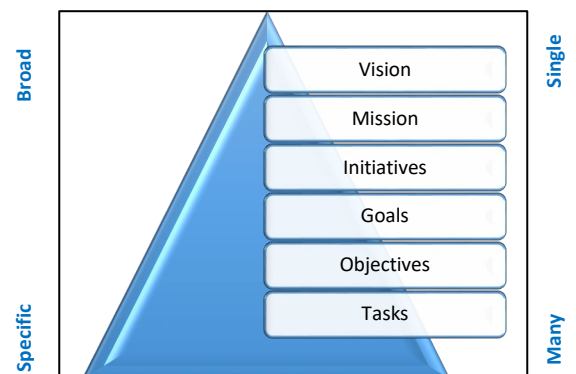
- Implement mitigation and adaptation measures to respond to a changing climate and to ensure COMB operations and employees are resilient in the face of these changes.
- Create goals to measure success and progress toward achieving sustainability and resilience.
- Maximize cost savings opportunities.
- Provide community leadership in sustainability.

THE PLANNING PROCESS

To create this Plan, COMB staff worked to envision a future within the context of two key challenges for our stakeholders: water supply reliability and impact of climate change on our watershed and natural resources. The Plan includes several phases:

- Defining a vision for a sustainable organization.
- Alignment with COMB's mission.
- Establishment of sustainability initiatives and goals.
- Creation of objectives to achieve goals.
- Development and prioritization of tasks.
- Implementation.
- Monitoring and reporting.

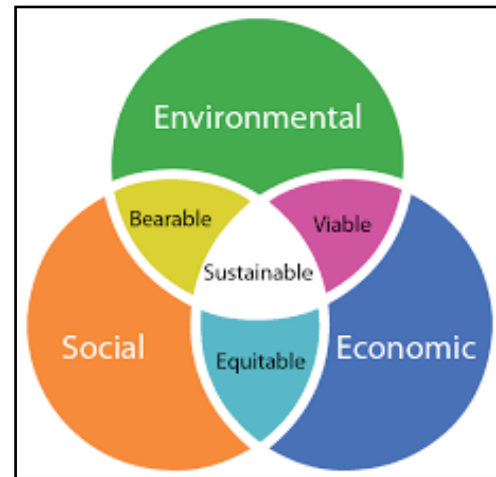
Strategic Pyramid



PLAN ORGANIZATION

The Plan establishes guiding principles that are derived from three organizational sustainability pillars consisting of **environmental, economic, and social** practices. These principles will be integrated into everyday operations within all divisions of COMB. The benefits of integrating these principles into everyday practice includes alignment with six established key strategic initiatives:

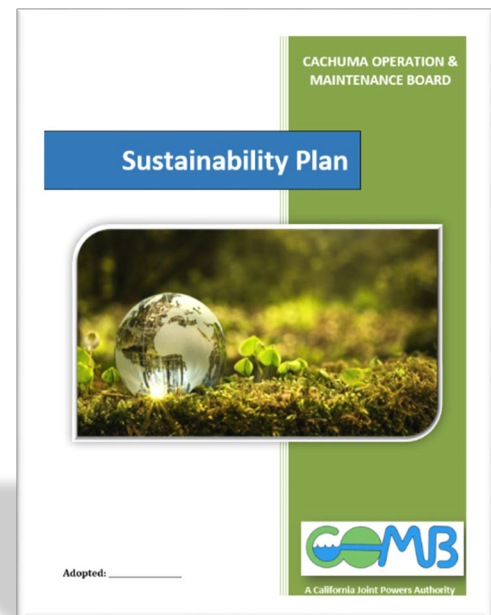
- Water Supply Reliability
- Distribution Facilities Improvements
- Cost-Effectiveness and Value
- Environmental Stewardship and Public Trust Resources
- Organization Policies and Financial Responsibility
- Fostering Leadership and Strengthening Workforce Capabilities



This Plan was developed based on considerable research and established industry methodologies as well as an evaluation of COMB's current structure, organizational practices, assets and operations. The Plan is organized into six sections:

- Introduction and Overview
- Background
- Sustainability Plan Structure
- Implementing Sustainability Initiatives
- Sustainability Practices in Action
- Appendices

Sustainability has always been embedded in the foundation of our agency strategy. Creating value for our stakeholders and more broadly, for our society and employees, is a key to the long-term resilience and inherent value of COMB. The sustainability framework, which underpins our strategy, puts our purpose into action. We must continue to integrate sustainability into our governance structure and processes, so that it informs our future strategic and operational decisions.



This page left blank intentionally



BACKGROUND



This page left blank intentionally

A HISTORY OF SUSTAINABILITY

Santa Barbara County has a history of complex water challenges. COMB is focused on identifying approaches to responsibly conserving and enhancing our resources and protecting the environment while meeting our Member Agencies water demand. At COMB, we know that being prepared for a successful water future requires innovation, foresight and collaboration. The following projects and practices provide an overview of how COMB has historically worked collaboratively with our Member Agencies and external stakeholders to solve short and long-term water challenges, protect our natural resources and champion sustainability for the benefit of the region for decades to come.

Cachuma Project Transferred Project Works: The Cachuma Project was constructed in the early 1950s by the United States Department of the Interior, U.S. Bureau of Reclamation (Reclamation) under contract with the Santa Barbara County Water Agency on behalf of the Cachuma Project Member Units. The Cachuma Project Member Units are the Carpinteria Valley Water District, City of Santa Barbara, Goleta Water District, Montecito Water District, and Santa Ynez River Water Conservation District-Improvement District No. 1.



*Tecolote Tunnel Intake Tower,
Lake Cachuma*

The Cachuma Project Member Units entered into contracts with the Santa Barbara County Water Agency for the purpose of receiving water from the Cachuma Project for use and benefit of the Member Units. Over the past sixty years, the Project has been the principal water supply for the Santa Ynez Valley and the South Coast Communities, delivering water to approximately 200,000 people.

COMB is a California Joint Powers Authority formed in 1957 by the Cachuma Member Units pursuant to an agreement with Reclamation. The agreement transferred to COMB the responsibility to repair, replace, operate and maintain all Cachuma Project facilities exclusive of Bradbury Dam. Since 1957, the JPA membership has changed. The current Member Agencies of COMB are the Goleta Water District, the City of Santa Barbara, Montecito Water District and the Carpinteria Valley Water District.

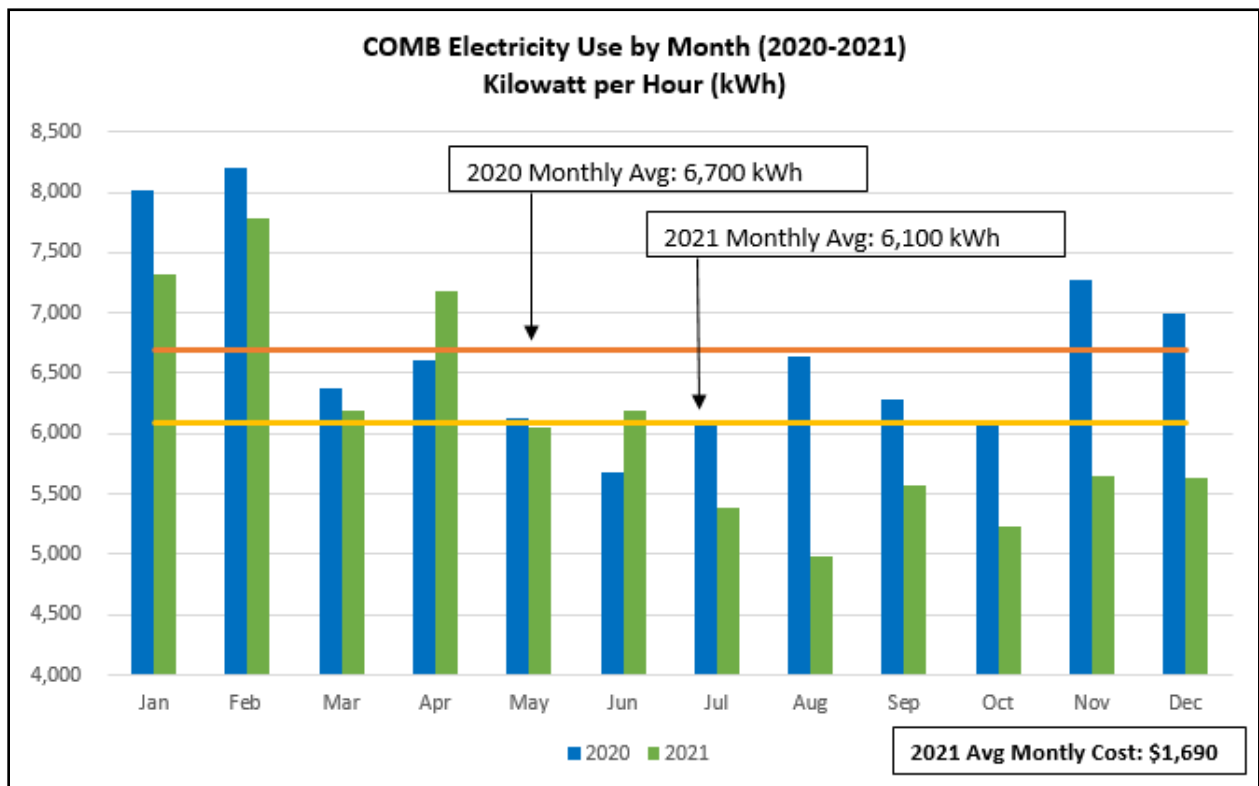
Through the Transferred Project Works contract, COMB is responsible for diversion of water to the South Coast through the Tecolote Tunnel, and operation and maintenance of the South Coast Conduit (SCC) pipeline, flow control valves, meters, and instrumentation at control stations, and turnouts along the SCC and at four regulating reservoirs. COMB coordinates closely with Reclamation and Member Agencies' staff to ensure that water supplies meet daily demands.

A HISTORY OF SUSTAINABILITY (continued)

“The design of the water conveyance system is innately sustainable...”

The design of the water conveyance system is innately sustainable, relying on gravity feed rather than an outside energy source to deliver water through the conduit. The system consists of the Tecolote Tunnel that extends 6.4 miles through the Santa Ynez Mountains from Lake Cachuma to the south portal of

the SCC. The tunnel is a modified horseshoe shaped concrete tunnel with a gradual slope over the 6.4 miles. The SCC is a reinforced concrete lined pipeline that is 26 miles long and designed to enable gravity feed. The conduit allows for delivery of water from the Goleta Water District to the Carpinteria Valley Water District at a fraction of the electricity usage of alternative pumped delivery systems as depicted in the chart below.



In an effort to reduce our carbon emissions, COMB participates in the Central Coast Community Energy (3CE) program through Pacific Gas & Electric and Southern California Edison. 3CE is a Community Choice Energy agency established by local communities to source clean and renewable electricity that is delivered through an existing utility provider’s infrastructure. 3CE promotes long-term rate stability and energy security while reducing reliance on fossil fuels and stimulating the local economy.

A HISTORY OF SUSTAINABILITY (continued)

Imported Water - State Water Project: In 1991, the voters of Santa Barbara County approved participation in the California State Water Project (SWP). The importation and storage of SWP allocation (Table A water), through the Cachuma Project facilities is used to increase the water supply to the Cachuma Project Member Units, beyond what water is naturally available within the Santa Ynez watershed. The Cachuma Project Member Units can also take advantage of purchasing and receiving supplemental water through the SWP exchange to offset any reduction in local and regional water supplies and to meet increasing customer water-demand levels when they occur. During the 2012-2019 drought period, COMB's member agencies relied on the delivery of SWP and imported water for their customers.



State Water Project

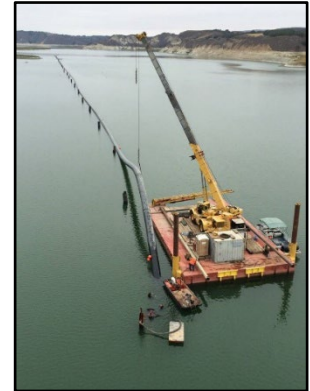
Modified Upper Release Reliability Project (MURRP): Completed in 2012, the MURRP provided a pipeline to convey Cachuma Project or State Water Project Water to the South Coast, should the Goleta Reach of the SCC be out of service due to scheduled and/or unexpected repairs. Further, if the South Portal of the Tecolote Tunnel were to fail, the entire SCC would be out of service, disrupting water service to most residents of the South Coast. Construction of the MURRP ensured the reliability and sustainability of water to all South Coast residents if those situations were to occur.

Lake Cachuma Water Quality and Sediment Management Study: Climate change has resulted in dry weather conditions that, in turn, have triggered a series of wildfires, adversely impacting the Cachuma Project Watershed. These were: the Zaca Fire (2007), White Fire (2010), Rey Fire (2016), Whittier Fire (2017), and Thomas Fire (2017). These five fires burned approximately 180,000 acres, or two-thirds, of the watershed. As an adaptation measure, COMB completed a two-year study on behalf of, and in coordination with, the COMB Member Agencies for addressing raw surface water quality and sedimentation issues at Lake Cachuma. COMB engaged and assisted two separate environmental and water resources engineering firms to complete the study.

The study went beyond identifying fire impacts. It included identification and characterization of issues, development of mitigation and control projects, and management actions that include sampling and data collection, in-lake treatment, erosion control, and watershed management. The study also assessed the impact of drought on fluctuating lake levels, water supply, and water quality. COMB plans to initiate Phase 2 recommended actions during Fiscal Year 2021-22.

A HISTORY OF SUSTAINABILITY (continued)

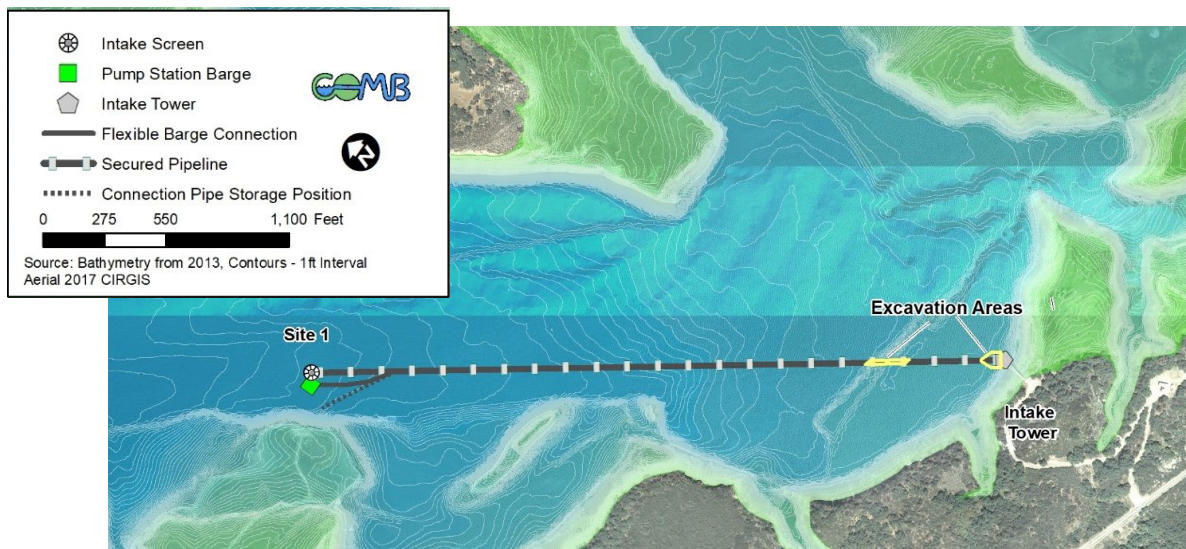
Emergency Pumping Facilities Project: Water purveyors are dependent on local water supplies as a major source of water. Efficient use of water has long been a priority within the Cachuma Project Service Area. The impacts of climate change include more intense heat waves and frequent periods of drought. During a drought period, the COMB Member Agencies dramatically increase their conservation efforts in order to mitigate the impact of water shortages on the community. Drought conditions can last many years. Reductions in Cachuma Project water supplies have a major impact on water supply management for the COMB Member Agencies.



EPF Pumping Facility

During the drought that began in 2012, COMB was responsible for the implementation of the Emergency Pumping Facility Project (EPFP), which allowed water to be pumped and conveyed when lake levels were extremely low and unable to flow via gravity into the Tecolote Tunnel. A similar pumping facility was temporarily installed and operated in the 1957-1958 and 1990-1991 droughts, and the occasional need for such a facility was envisioned when the reservoir was originally designed and constructed in 1953 by Reclamation. After a series of rain events in 2017, the lake elevation increased and the EPFP was demobilized. The COMB Board authorized the General Manager to enter into an agreement with an external contractor to store key components of the barge. The change order agreement also included an approved amount to re-establish a fully functioning EPFP if conditions require it.

Lake Cachuma Secured Pipeline Project: To better prepare for and adapt to future drought events, COMB hired a contractor to perform a preliminary engineering design for the secured pipeline project. The Lake Cachuma Secured Pipeline Project is a more permanent version of the previous EPFP, having a bottom-mounted permanent pipeline component to the Site 1 location.



A HISTORY OF SUSTAINABILITY (continued)

Lake Cachuma Secured Pipeline Project (continued): The Secured Pipeline Project will make available the use of additional reservoir water and imported water until sufficient inflow to the lake occurs and the reservoir level returns to a normal operating condition for gravity feed. If dry conditions continue, the Secured Pipeline Project could be installed in the summer of 2022. In 2019, the COMB Engineering Division was selected under the Reclamation Drought Resiliency Program for a WaterSMART Drought Resiliency Project grant for \$750,000. Funds from this grant will be applied toward the Secured Pipeline Project.

SCC Blow-Off Nozzle/Valve Replacement Project: Rehabilitation of existing valves and addition of secondary valves outside of each blow-off structure is part of this project. The project supports water conservation goals by 1) ensuring that existing valves are in good working order, limiting leaks and water losses during an emergency, and 2) adding secondary valves that limit water losses during normal maintenance procedures, providing redundancy in case of primary valve failure. A secondary valve allows full exercise of inside and outside valves, with minimal water losses discharged into creeks or storm drains. Previously, with only one inside valve available, valve exercising was either limited or water losses were greater when annual valve exercising occurred.



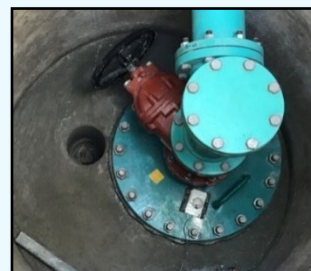
Air Vent 352+07 Before



Air Vent 352+07 After



Blowoff 388+10 Before



Blowoff 388+10 After

A HISTORY OF SUSTAINABILITY (continued)

Isolation Valve Projects: Installation of isolation valves at strategic locations allows water to be conserved during scheduled maintenance or during an emergency pipeline failure. These projects generally include the installation of a temporary bypass line and a new pipeline segment with a large butterfly valve into the SCC. Several laterals, blow-offs, and air vacuum air release structures along the SCC undergo periodic rehabilitation requiring drainage of portions of the SCC. The installed isolation valves divide the pipeline, limiting water losses during rehabilitation preparation. Likewise, in an emergency scenario such as an earthquake, flood, or other event, the isolation valves limit water losses to the downstream environment.



*La Mira Isolation Line Valve
(Installed 2022)*

COMB Office Building Replacement Project: In Fiscal Years 2021 and 2022, COMB replaced three aging mobile office buildings (circa 1974 - 1993) with newly manufactured mobile offices. These new buildings are built with state of the art sustainable components including environmentally preferred building materials, LED lighting, insulated walls and flooring, automated energy efficient electrical lighting fixtures and switches, automated electrical outlets, efficient heating cooling and ventilation systems, water saving plumbing fixtures, dual paned windows, hardi-backer exterior siding, and drywall interiors. In addition to the cost saving features, these energy efficient buildings provide an environmentally friendly, sustainable office setting for employees to conduct business.



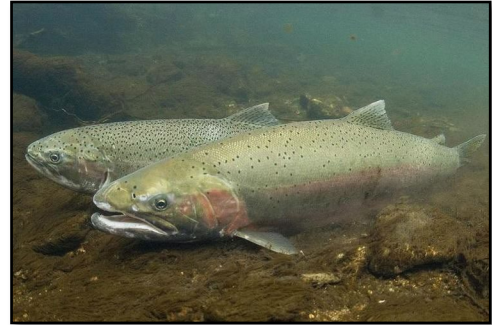
COMB Office Building



A HISTORY OF SUSTAINABILITY (continued)

Biological Opinion and Fish Management Plan: On behalf of Reclamation, COMB is responsible for the implementation of the 2000 Biological Opinion (BiOp) and Fish Management Plan (FMP) related to the Cachuma Project on the Santa Ynez River. The BiOp addresses the effects of the proposed Cachuma Project operations on steelhead and its designated critical habitat in accordance with Section 7 of the Endangered Species Act of 1973.

The purpose of these guidance documents is to implement physical projects and management strategies that will protect, enhance, restore and create new habitat for spawning and rearing of endangered steelhead, while keeping a balance between fish management, other ecological needs, and the delivery of adequate water supplies to customers of local water agencies and groundwater recharge. These activities include ongoing scientific studies along the river, monitoring and recording changing conditions, and implementation of fish passage improvements as outlined in the 2000 BiOp.



Oncorhynchus mykiss (*O. mykiss*)

In addition, a consensus based, long-term FMP was developed which provides protection for steelhead/rainbow trout downstream of Bradbury Dam through a combination of water releases from Bradbury Dam through the Hilton Creek watering system, and the removal or modification of numerous fish passage barriers to steelhead on tributaries of the Santa Ynez River. By implementing these actions, stakeholders in the Cachuma Project have created significant additional habitat for steelhead within the Santa Ynez River watershed.

Hilton Creek Watering System Project: Natural streamflow in Hilton Creek below Bradbury Dam is intermittent. The Hilton Creek Watering System is a supplemental water system, the objective of which is to provide a dependable year-round source of cool well-oxygenated water to allow fish to survive the summer months until natural flow resumes in the winter. Construction of the watering system was completed in the fall of 1999, operating by gravity flow when flow targets and lake surface elevation allow, or by local electricity (pumped) when necessary. An Emergency Backup System (EBS) was installed in 2016. The EBS now provides a wider and more sustainable range of gravity flow.



Hilton Creek

A HISTORY OF SUSTAINABILITY (continued)

Quiota Creek Fish Passage Projects: Quiota Creek is a tributary of the Lower Santa Ynez River located approximately 8.4 miles downstream of Bradbury Dam and was designated by the National Marine Fisheries Service in 2005 as critical habitat for *Oncorhynchus mykiss* (*O. mykiss*). This critical habitat also contained a number of fish passage barriers preventing the migration of *O. mykiss*.

Beginning with Crossing 6 in 2008, COMB has replaced ten (10) identified passage barriers (Crossings 0B, and 1 through 9) along Quiota Creek with bottomless arched culverts to allow migrating *O. mykiss* access to critical habitat in the upper watershed. COMB completed all crossings in 2020, with Crossing 8 being the last and final crossing along the stretch. Hydro-mulch and hydro-seed was spread throughout the project footprint upon completion of each project to prevent erosion and return the sites to a native and natural condition. Native trees were planted to restore the riparian corridor. After completion, each site is monitored by the affiliated engineer on the project, to ensure the habitats are stable and mitigated.



Quiota Creek Crossing No. 3 (Completed 2015)

A HISTORY OF SUSTAINABILITY (continued)

Lake Cachuma Surcharge Project: Completed in 2004, the Surcharge Project was a critical component to provide additional water needed to maintain summer fish-rearing flows and enhance winter migration for steelhead in the Lower Santa Ynez River and Hilton Creek. Four 4-foot flashboards were installed on the Bradbury Dam spillway radial gates, allowing for Lake Cachuma elevation to increase by an additional three (3) feet before it fills to capacity and spills. This surcharge substantially increases the amount of water available in wet years to enhance and maintain downstream fishery flows, and minimizes impacts to water supply.



Bradbury Dam, Lake Cachuma

Oak Tree Restoration Program: An Oak Tree Restoration Program was developed to mitigate for projected oak tree losses resulting from periodic rise in lake levels by the surcharging affect. The implementation of the Plan is incremental and spread over several years. This allows for a phased restoration program so that adaptive management can be taken to refine and improve restoration methods over time to increase the success rate. Through Fiscal Year 2020-21, COMB has planted 5,350 oak trees near Lake Cachuma.



Lake Cachuma Oak Tree Restoration Program

This page left blank intentionally



SUSTAINABILITY PLAN STRUCTURE



This page left blank intentionally

A VISION FOR A SUSTAINABLE ORGANIZATION

To be a sustainable organization, COMB will adhere to our core values and guiding principles which means:

- We lead by example.
- We are a resilient organization.
- We evaluate success through a triple bottom line lens – people, planet and prosperity.
- We steward our natural resources for present and future generations.
- We are mindful of the carbon footprint caused by our operations.


Triple Bottom Line is a concept that takes into account the full cost of providing services: people (social responsibility), planet (environmental responsibility), and prosperity (monetary responsibility).

OUR POLICY STATEMENT AND MISSION

COMB is committed to sustainable practices and the stewardship of the environment to exemplify how local government can support and enhance our natural resources, while continuing to nourish a vibrant, diverse, and healthy economy for the people of Santa Barbara County. COMB will implement this Plan by modifying its internal operations to incorporate sustainable practices in all aspects of its ventures, including operation and maintenance of the Cachuma Project facilities, watershed and habitat protection, fleet management, procurement and recycling practices. COMB will also incorporate the Plan framework into strategic planning documents.

As we move towards a sustainable society, we will need to ensure that the ecological, economic, and social aspects of our lives no longer compete with each other. Rather, it will be necessary for these elements to function as complementary pieces of a tightly integrated union.

COMB is committed to providing its core services while maintaining a balanced approach to human and environmental needs. Our actions are guided by the COMB mission:



“To provide a reliable source of water to our Member Agencies in an efficient and cost effective manner for the betterment of our community.”

SUSTAINABILITY GUIDING PRINCIPLES

COMB is dedicated to protecting, preserving, and restoring the natural, social and economic environment for which we are responsible while performing the challenges of everyday operations. To that end, COMB is committed to integrating sustainability practices into ordinary operations and long-term resource management. We will depend on established guiding principles, well thought-out initiatives, and the integration of those principles with other planning documents to achieve our goals.

Sustainability can be divided into three main pillars for an organization: **economic, environmental, and social** practices. If any one of the pillars are undermined, then the system as a whole is unsustainable. It is important that COMB is working on sustainability components as a whole, which means taking all three pillars into consideration when making decisions and effecting policy.

The guiding principles included in this Plan are derived from the pillars of sustainability. Each guiding principle will be interwoven into our daily activities and are described below.

❖ Environmental Sustainability: Stewards of Natural Resources

Environmental Sustainability means that natural resources such as land, water, and timber are finite and need to be consumed carefully in order to maintain a sustainable planet. Conserving our natural resources and protecting our global ecosystem will support health and wellbeing now and in the future.



Protecting the environment while providing reliable water conveyance, meeting critical compliance measures and providing valuable service to our Member Agencies takes commitment supported by effective processes, leading technologies, and dedicated staff. Diminishing our dependence on resources such as electricity and fossil fuels will position COMB for greater autonomy in the future. In addition, environmental sustainability actions will assist COMB in adapting to impacts related to climate change such as drought, wildfires, and natural disasters.

SUSTAINABILITY GUIDING PRINCIPLES (continued)

❖ Economic Sustainability: Efficiency, Value and Financial Responsibility

Economic Sustainability. In an environmental framework, "sustainability" generally means finding a way to use resources in a manner that prevents their depletion. In an economic context, the phrase "sustainability" is commonly used to describe an organization that is able to sustain itself over the long term, perpetuating its ability to fulfill its mission. Economic sustainability includes the concepts of financial stability, as well as leadership succession planning, adaptability, and strategic planning.

COMB's revenues are equal to the expenditures approved in the annual operating budget. COMB's primary fiscal objective is to provide the highest possible level of service to our Member Agencies and stakeholders without impairing COMB's financial condition. COMB will make every effort to keep current expenditures less than current assessments and revenues. Current expenditures are defined as operating expenses, debt payment and infrastructure and habitat improvement projects. COMB operates within the approved budgetary amounts to avoid subsequent assessments to our Member Agencies.

The COMB Infrastructure Improvement Plan (IIP) is a primary tool that COMB uses to plan for economic sustainability. Efficiently managed and maintained infrastructure reduces the frequency of more serious and costly repairs in the future. IIP projects impacting the SCC are assessed and evaluated for criticality. Projects are then planned for the current fiscal year as appropriate and projected over the next five years, to address the most critical infrastructure needs so that water loss and capital costs are reduced.



Operating in a productive, cost-effective and efficient manner will ensure sound financial stability and provide value to our Member Agencies and stakeholders. Integrating long-range planning documents such as our comprehensive budget document into our sustainability practices provides for safeguards against uncertain periods of volatility such as natural disasters, climate change impacts, and regulatory changes in the environment. COMB is dependent on our Member Agencies to support our financial existence and in turn, we strive to provide them with value in achieving our mission.

SUSTAINABILITY GUIDING PRINCIPLES (continued)**❖ Social Sustainability: Promote Well-being for Employees and Community**

Social Sustainability is the ability of an organization to make provision for the social wellbeing of current and future generations.



While the first two pillars of the sustainability focus on environmental resources and economics, social sustainability is concerned with how an organization's employees and internal / external stakeholders are affected and treated by the entity. A socially sustainable organization cares about its employees' welfare and maintains a connection

with its workforce and stakeholders through fostering an equitable, culturally and socially diverse atmosphere.

Socially-oriented organizations achieve sustainability by providing security, individual development and fostering overall healthy relationships with employees, suppliers and partners. COMB maintains updated personnel policies and procedures to promote a safe, healthy working environment that places emphasis on acknowledging and rewarding staff's work efforts in order to create a long term loyal workforce. By operating in an open and transparent manner, COMB staff continues to foster and build valuable relationships with our external partners within the Cachuma Project and our surrounding communities.

These three pillars of sustainability, environment, economic and social, will become increasingly important to ethical agency practices as environmental pressures increase, and especially so in fragile areas prone to sea-level rise, drought, and fire hazards. Every COMB decision and project will require thought and perhaps some level of innovation to act in ways that will benefit as many of these sustainability principles as possible. To that end, COMB will have a positive impact on the stakeholders we serve by making strategic decisions and promoting public policies that support sustainability. The Plan is designed to assist staff in decision making now and in years to come.

SUSTAINABILITY INITIATIVES, GOALS AND OBJECTIVES

As COMB moves forward, staff is committed to upholding the core values that have shaped its standard of excellence while adapting to changing conditions and environment. As part of the planning process, COMB focused on the following six strategic initiatives in the development of this Plan.



SUSTAINABILITY INITIATIVES, GOALS AND OBJECTIVES (continued)

Initiative 1 Water Supply Reliability

Goal: Sustain a safe, reliable water supply for our Member Agencies by:

Objectives:

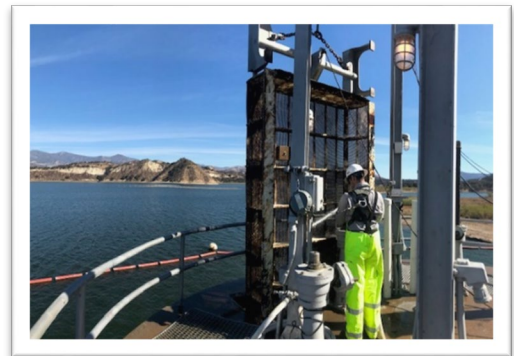
- Protecting and maintaining the water conveyance system.
- Analyzing watershed conditions - watershed stewardship.
- Implementing drought response and resiliency measures.
- Storing and conveying state water imports.
- Monitoring / defending against natural and human-made disasters.

**Initiative 2** Distribution Facilities Improvements

Goal: Identify, prioritize and implement projects necessary to protect, improve, and sustain the Cachuma Project conveyance system and appurtenant structures by:

Objectives:

- Continuing infrastructure improvement planning.
- Developing and updating asset management plan.
- Updating the risk and resiliency plan.
- Improving facilities security and emergency preparedness plans.
- Continuing technology improvements toward operation and maintenance activities.



SUSTAINABILITY INITIATIVES, GOALS AND OBJECTIVES (continued)

Initiative 3

Environmental Stewardship and Public Trust Resources

Goal: Continue to monitor and mitigate for changing climate conditions, develop and implement strategies to increase sustainability of the steelhead trout population and improve fish passages along the Santa Ynez River by:

Objectives:

- Implementing the provisions of the 2000 BiOp.
- Protecting and enhancing steelhead habitats in accordance with the FMP.
- Adhering to environmental regulatory requirements.
- Improving watershed protection.
- Working to mitigate climate crisis effects of COMB operations.



Initiative 4

Cost-Effectiveness and Value

Goal: Maintain and improve the cost effectiveness and value of COMB services to our Member Agencies by:

Objectives:

- Managing and maintaining infrastructure efficiently.
- Continuing to review and prioritize IIP.
- Investing in system improvements and sustainably efficient equipment for better, more economical results and climate change resiliency.
- Enhancing asset management program.
- Leveraging technology to improve system.



SUSTAINABILITY INITIATIVES, GOALS AND OBJECTIVES (continued)

Initiative 5

Organizational Policies and Financial Responsibility

Goal: Operate within approved policies in a productive, transparent and efficient manner to ensure sound financial stability by:

Objectives:

- Advancing the development of policies and procedures in an ever-changing legal and regulatory environment.
- Enhancing the annual financial audit practices and budget document formulation.
- Developing short and long-term financial plans.
- Adhering to risk transfer practices.
- Leveraging advances in technology.



Initiative 6

Foster Leadership and Strengthen Workforce Capabilities

Goal: Continue to promote a safe and positive work environment and provide equal opportunities for employees to use their diverse talents to grow professionally and prepare for challenges of the future by:

Objectives:

- Promoting a safe and socially equitable working environment.
- Providing training and continuing education.
- Advancing licensing and certification for staff members.
- Investing in professional growth opportunities.
- Reinforcing employee retention through workplace / leadership practices.



INTEGRATION OF SUSTAINABILITY INITIATIVES WITH MISSION AND PLANNING DOCUMENTS

The Plan seeks to coordinate the many existing COMB plans, policies, programs and actions that encompass and support sustainability initiatives. The Plan allows COMB to articulate where we are now, where we should be, and establishes goals and implementable actions that puts the agency on a clear path to achieve sustainability for future generations to come.

ASSOCIATED PLANNING DOCUMENTS

Integrated Regional Water Management (IRWMP) Plan:

The IRWMP is a collaborative effort created by a group of cooperating partners with mutual interest who have identified and implemented water management solutions to achieve social, environmental, and economic objectives throughout the Central Coast region. COMB has been a part of the group's formation since 2007, participating in monthly discussions to implement sustainable water projects in the area.



COMB's affiliation with IRWMP made it possible to apply for and receive grant monies with funding applied to the much needed MURRP and EPFP. Participation in IRWMP continues to allow COMB to be aware of various funding opportunities which may contribute to improvement and sustainability of the SCC infrastructure.

COMB Hazard Mitigation Plan:

The purpose of a Hazard Mitigation Plan (HMP) is to identify policies and actions that can be implemented to reduce risk and future losses from disasters. HMPs create a framework for risk-based decision-making to reduce damage to lives, property and local economies by focusing resources on the greatest risks and vulnerabilities

State, local and tribal governments benefit from HMP adoption in the following ways:

- Hazard mitigation planning creates a more disaster-resistant and resilient community.
- HMP adoption allows access to hazard mitigation assistance programs and funding, including Hazard Mitigation Grant Programs, Pre-Disaster Mitigation, Flood Mitigation Assistance and Severe Repetitive Loss Grant Programs.

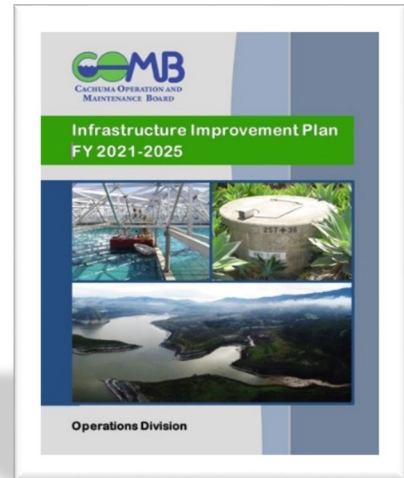


ASSOCIATED PLANNING DOCUMENTS (continued)

COMB Infrastructure Improvement Plan (IIP):

The IIP formalizes the strategy for implementation of capital projects and programs needed to carry out the goals and policy objectives of the COMB Board. The IIP is organized and structured to identify and prioritize rehabilitation projects necessary to protect, improve, and sustain a reliable source of water conveyed from the Cachuma Project to the COMB Member Agencies.

Projects outlined in the IIP have been identified based on Reclamation inspection recommendations, COMB asset inventory analysis, and other staff observations and recommendations. The identification of a project within the five-year plan does not guarantee construction. The initiation of any project requires Board approval for a project to advance to design and ultimately construction. Additionally, the Board of Directors has the ongoing ability to review and revise projects based upon unforeseen conditions, priorities, and financial resources.



Injury & Illness Prevention Program (IIPP):

The purpose of the COMB IIPP is to create an organized approach to accident prevention that meets California regulatory compliance. In line with OSHA safety regulation, our IIPP aims to provide employees with the training, communication and knowledge necessary to reduce employee injuries and perform operating procedures safely, at all times.

Valuing safety and operations knowledge within the workforce leads to retention of experienced employees who are far less prone to accidents and can save organizations thousands of dollars in workers compensation, both of which impact the social and economic aspects of sustainability.





IMPLEMENTING SUSTAINABILITY INITIATIVES



This page left blank intentionally

IMPLEMENTING SUSTAINABILITY INITIATIVES

COMB has identified thirty-six tasks that demonstrate our commitment to become a more sustainable organization. Several of these tasks focus on actions necessary to address the current climate crisis with the intent of moving towards carbon neutrality. These tasks are further aligned with COMB's mission and therefore puts our purpose into action. Tasks were selected after considerable research as well as an evaluation of COMB's current structure, organizational practices, assets and operations. Tasks have been systematized into the six initiatives discussed in the previous section that supports a balanced approach to our success.

COMB acknowledges that many of these tasks exist in our ongoing management practices and planning documents such as the IIP. The Plan intentionally combines these efforts into one document that will be used as tool for informed decision-making going forward. The document will be used to monitor and measure the benefits of our actions to the COMB Board, our Member Agencies and stakeholders.



SUSTAINABILITY INITIATIVES

Table 4.1 provides a summary of the thirty-six sustainability tasks within the six initiatives and their expected completion date as determined by COMB staff.

Table 4.1 - Sustainability Tasks FY 2022 – 2027

Ref	Project Name	Expected Completion
1.0	Water Supply Reliability	
1.1	Task - EPF Secured Pipeline	Summer 2022
1.2	Task - EPF Pump Station (if needed)	Summer 2023
1.3	Task - North Portal Intake Tower Seismic Assessment	FY 2026
1.4	Task - Continue to monitor the impact of changing climate conditions and disastrous events on watershed	FY 2022
1.5	Task - Water Quality Buoy / Sampling program	Ongoing
1.6	Task - Jet Flow Valve Replacement	FY 2026
2.0	Distribution Facilities Improvements	
2.1	Task - Rehabilitate SCC Lateral Structures	FY 2024
2.2	Task - SCADA Upgrades	FY 2022
2.3	Task - AVAR/BO Rehabilitation Program	FY 2023
2.4	Task - SCC Isolation Valve installation	FY 2022
2.5	Task - Critical Control Valve Replacement	FY 2030
2.6	Task - Meter Replacement Program	FY 2030
3.0	Environmental Stewardship and Public Trust Resources	
3.1	Task - Implement regulatory requirements per current and future BiOp	Ongoing
3.2	Task – Inspect and maintain completed fish passage projects	Ongoing
3.3	Task - Maintain Oak Tree program throughout required period	FY 2025
3.4	Task – Manage USGS Stream Gauge Program	Ongoing
3.5	Task – Install and maintain riparian corridor exclusionary fencing	Ongoing
3.6	Task - Monitor habitat through technology based methodologies	FY 2022

SUSTAINABILITY INITIATIVES (continued)

Table 4.1 - Sustainability Tasks FY 2022 – 2027 (Continued)

Ref	Project Name	Expected Completion
4.0	Cost-Effectiveness and Value	
4.1	Task – Identify and prioritize Infrastructure Improvement Projects	Ongoing
4.2	Task - Research grant funding opportunities for infrastructure and habitat improvements projects	Ongoing
4.3	Task – Perform COMB Operations Annual Work Plan	Ongoing
4.4	Task - Investigate and implement new technologies to advance operational efficiencies	Ongoing
4.5	Task – Explore alternate sources of renewable energy	FY 2025
4.6	Task – Develop a Green Fleet Policy	FY 2024
5.0	Organizational Policies and Financial Responsibility	
5.1	Task – Create an organizational culture of sustainability	Ongoing
5.2	Task – Uphold transparency principles	Ongoing
5.3	Task – Operate within approved financial resources	Ongoing
5.4	Task – Invest in “Commitment to Excellence” Program through ACWA JPIA	FY 2023
5.5	Task – Participate in the GFOA Award Programs	Ongoing
5.6	Task – Explore new technologies to be more productive and reduce disposable waste	Ongoing
6.0	Foster Leadership and Strengthen Workforce Capabilities	
6.1	Task - Annual Personnel Policy and Employee Handbook updates	Ongoing
6.2	Task – Promote social well-being within the organization	FY 2023
6.3	Task - Enroll Management in Leadership program through ACWA JPIA	FY 2023 / 2024
6.4	Task - Provide pathway to D3 certifications for operations personnel	FY 2022 / 2023
6.5	Task – Develop Employee Retention plan to promote longevity	FY 2023 / 2024
6.6	Task – Participate in the ACWA JPIA Vector Solutions Training Program	Ongoing

SUSTAINABILITY INITIATIVES (continued)

Initiative 1 - Water Supply Reliability

Goal: Sustain a safe, reliable water supply for our Member Agencies.

Task 1.1

• Emergency Pumping Facility Secured Pipeline

Water is conveyed from Lake Cachuma to the South Coast of Santa Barbara County through the Tecolote Tunnel Intake Tower via gravity flow. If the lake elevation drops below the sill of Gate 4 (678') of the tower, water has to be pumped from the lake through the use of the EPFP. The previous installations of the EPFP were temporary facilities with a floating pipeline and floating pump station.



*Tecolote Tunnel Intake Tower,
Lake Cachuma*

The EPF Secured Pipeline Project includes the installation of a 3,600-ft long HDPE pipeline that will be anchored to the bottom using pre-cast concrete anchor weights. The pipeline will connect to Gate 5 of the tower and extend to the site one location. During times of drought, the pipeline would connect to a floating pumping barge to ensure continued water deliveries to the COMB Member Agencies.

Project Completion Date: Summer 2022

Sustainability Impacts:

The Secured Pipeline Project will allow COMB and our Member Agencies to better prepare for and adapt to future drought events. The Project will make available the use of additional reservoir water and imported water until sufficient inflow to the lake occurs and the reservoir level returns to a normal operating condition. By securing the transmission pipeline portion of the EPF to the intake tower, COMB and its Member Agencies will realize a cost savings by avoiding the installation of a temporary pipeline each time the lake elevation drops below gravity feed. The pipeline will also reduce the frequency that the floating pump station would be deployed and then subsequently removed, potentially without being placed into operation.

SUSTAINABILITY INITIATIVES (continued)**Task 1.1 Secured Pipeline Project (continued)**

In addition, during non-drought times an intake screen at the Gate 5 elevation would allow access to colder, deeper water that typically has less organic carbon. The ability to draft colder deeper water allows the reduction in disinfection byproducts and reduced treatment costs.

Task 1.2

- **Emergency Pumping Facility (EPF) Pump Station (if needed)**

The EPF Pump Station Project would be required to be installed when the lake levels are projected to fall below the intake gates at the tower. The pumping facility provides a lifeline delivery of Cachuma Project water and imported SWP water to 200,000 residents on the South Coast of Santa Barbara County during times of drought. This project would be installed 120 days before the lake level recedes to 685' elevation.



EPF Pumping Facility

Project Completion Date: Summer 2023 (if needed)

Sustainability Impacts:

The EPF is powered by a temporary electrical connection through Pacific Gas & Electric (PG&E) which is contracted with the Central Coast Community Energy (3CE) program to provide clean and renewable energy to PG&E customers. The EPF will improve emergency preparedness by delivering critical water supplies during persistent drought. The system provides conveyance for both Cachuma and State Water imports at a fraction of the cost of purchased water on the open market. Without the drought-period operation of an emergency pump station, water service would be interrupted, causing a widespread immediate threat to public health and safety to the South Coast of Santa Barbara County.

Task 1.3

- **North Portal Intake Tower Seismic Assessment**

The North Portal Intake Tower was constructed by Reclamation in the 1950's, at which time, the standards for structural design requirements were not as stringent as today's compliance requirements. Structural elements of the intake structure would be examined to determine the general reliability of the tower, and recommendations for upgrades and refurbishments would be provided if needed. This project is scheduled to be performed when the lake level exposes a large portion of the intake tower.

SUSTAINABILITY INITIATIVES (continued)**Task 1.3 – North Portal Intake Tower Seismic Assessment** (continued)

Project Completion Date: FY 2026

Sustainability Impacts:

The uncertainty in structure reliability during a seismic event could result in losing the ability to deliver water to the South Coast while emergency repairs are being made.

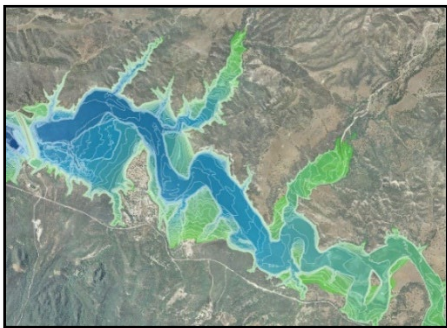


*Tecolote Tunnel Intake Tower,
Lake Cachuma*

Task 1.4

- Continue to monitor the impact of changing climate conditions and disastrous events on watershed

To better understand and mitigate the impact of climate change and disastrous events, such as wildfires and drought, COMB recently completed a two-year study on behalf of, and in coordination with, the COMB Member Agencies for addressing raw surface water quality and sedimentation issues at Lake Cachuma. The report identified Total Organic Carbon (TOC) and algal blooms as priority issues. The consultant also recommended a suite of management actions designed to increase understanding of water quality challenges.



COMB plans to engage a qualified consultant to provide professional services to complete the Lake Cachuma Organic Carbon / Phosphorous Sampling and Source Investigation project. The Project will, at a minimum, establish the primary source of TOC in Lake Cachuma, and will take sediment cores from the lake to characterize phosphorous (P) mass and quantify the rate of dissolved P flux under oxic and anoxic conditions.

Project Completion Date: FY 2022

Sustainability Impacts:

The project is aimed to increase the understanding of lake dynamics and provide a pathway for effective treatment solutions to the Member Agencies' water treatment facilities and to be better prepared for changing climate conditions and future disasters.

SUSTAINABILITY INITIATIVES (continued)**Task 1.5****• Water Quality Buoy / Sampling program**

The Lake Cachuma Evaporation and Water Quality Buoy is a buoy-based weather station for improved water quality and environmental monitoring, including an estimation of evaporative losses from the reservoir.

This project addresses a critical deficiency for water quality management, specifically, continuous and more granular water quality data needed from Lake Cachuma to inform critical decision making at member unit treatment facilities, including toxic algal bloom detection monitoring for early warning and proactive treatment and total organic carbon for management of trihalomethane formation.

Water quality samples are taken bi-weekly at the lake for data recording and quality indicators of source water. The Buoy was installed in Fiscal Year 2019.

Project Completion Date: Ongoing

Sustainability Impacts:

The Lake Cachuma Evaporation and Water Quality Buoy will increase environmental monitoring accuracy and through advance notification, provide financial savings to the treatment facilities.



Water Quality Buoy, Lake Cachuma



Cachuma Lake Water Quality Monitoring

SUSTAINABILITY INITIATIVES (continued)

Task 1.6

• Jet Flow Valve Replacement

Located at the base of the Tecolote Tunnel, the Jet Flow Control Valve is the primary control for flow from Lake Cachuma into the South Coast Conduit. The project consists of producing designs and specifications to manufacture a new valve body and to rebuild using new and previously purchased internal components.

Project Completion Date: FY 2026

Sustainability Impacts:

Because the North Portal Jet Flow Control Valve controls the flow into the Tecolote Tunnel, failure could prevent or impact water deliveries to the cities of Goleta, Santa Barbara, Montecito, Summerland and Carpinteria which would cause social, financial and environmental impacts to the communities our Member Agencies serve. The current valve, after being removed, would be rebuilt using new components and would be kept on side and used as a redundant valve in case of failure.



*Tecolote Tunnel Intake Tower,
Lake Cachuma*



North Portal Jet Flow Control Valve

SUSTAINABILITY INITIATIVES (continued)

Initiative 2 - Distribution Facilities Improvements

Goal: Identify, prioritize and implement projects necessary to protect, improve, and sustain the Cachuma Project conveyance system and appurtenant structures.

Task 2.1

• Rehabilitate SCC Lateral Structures

There are forty-four lateral connections housed in concrete cylinder structures on the Lower Reach of the South Coast Conduit. The function of these connections is to provide water to sections of the Montecito Water District and Carpinteria Valley Water District.

Twenty-six of the existing lateral appurtenances in the lower reach pose an operational risk due to age, corrosion, and unreliable valve operating conditions. This project would replace corroded pipe and inoperable valves and air vents on SCC lateral connections.

Project Completion Date: FY 2024

Sustainability Impacts:

The dependability of these valves is necessary to provide reliable water service to customers served in sections of the Montecito and Carpinteria Water District Boundary areas. Without rehabilitation, a major facility failure in multiple locations could occur with potential water contamination which could affect the environment, cause substantial financial and social impacts and lead to an unsustainable conveyance system.



Lateral Structure Vault



Structure Maintenance

SUSTAINABILITY INITIATIVES (continued)

Task 2.2

• SCADA Upgrades

The “Supervisory Control and Data Acquisition” system (SCADA) serves to collect important monitoring data on flows, reservoir elevations, alarms and communication, turbidity, pH, temperature, and valve positions. This project involves the replacement of all legacy PLCs in their existing control panels, installation of new PLC processors, software, and I/O modules.

Project Completion Date: FY 2022

Sustainability Impacts:

The SCADA system increases the efficiency of COMB staff by providing notification alarms for operational staff to investigate, which enhances system reliability and sustainability.



SCADA Control Panel

Task 2.3

• AVAR/BO Rehabilitation Program



Combination air vacuum air release valves (AVARs) are located at high points along the pipeline and act to expel air automatically and relieve vacuum accumulation in pipes. Blow-off (BO) structures exist on all low points of a water distribution system. This project proposes to rehabilitate these aging components and bring them up to standards.

Project Completion Date: FY 2023

Sustainability Impacts:

If AVAR vaults become flooded or if a negative pressure is experienced within the pipeline, the AVAR valves could allow contaminated water to enter the pipeline. The dependability of these components is necessary to allow the system to be dewatered for maintenance and response to an emergency break in the pipe. Without rehabilitation, a major facility failure in multiple locations could occur with potential water contamination that could affect the environment, cause substantial financial and social impacts and lead to an unsustainable conveyance system.

SUSTAINABILITY INITIATIVES (continued)**Task 2.4****• SCC Isolation Valve installation**

To allow for shutdown repairs and continued water delivery in the event of disruption of service in the South Coast Conduit, additional in-line isolation valves are needed in the South Coast Conduit. A pipeline break due to natural disaster could result in escaping flows. In an emergency scenario such as this, a line valve would divide the conduit, limiting outflow. In addition, several AVAR/BO structures on the South Coast Conduit are in disrepair and need periodic rehabilitation requiring a shutdown of the SCC. A line valve would allow COMB to rehabilitate these important structures with less disruption to customers.

Project Completion Date: FY 2022

Sustainability Impacts:

The installation of the isolation valve would enable the conveyance system to be shutdown in times of emergency or for routine maintenance on the system. The sustainability benefit of the project would bring economic and social value to the customers our Member Agencies serve by protecting the life of the pipeline while ensuring water reliability.

Task 2.5**• Critical Control Valve replacement**

A majority of the valves located at control stations along the South Coast Conduit are original and were installed in the 1950s. There are over 50 large diameter valves in the system, ranging in size from 24" to 48". Several of these valves are critical for operations, but many of the valves are obsolete and are not utilized for operations. During previous maintenance work and shutdowns, key valves in the system have been characterized as exhibiting excessive leak-by. This program would replace critical valves in the system at key control station locations.

Project Completion Date: FY 2030



Sheffield Control Station Valve

SUSTAINABILITY INITIATIVES (continued)**Task 2.5 - Critical Control Valve Replacement** (Continued)*Sustainability Impacts:*

This project would involve the systematic replacement of key control valves in the system with known operational deficiencies. Control station piping would be streamlined to reflect current operations and obsolete valving would be removed from the control stations thus making the system both economically and environmentally sustainable by improving system resiliency and providing water reliability.

Task 2.6**• Meter Replacement Program**

COMB's water meters are critical to the water accounting and system operations. Several meters in the system have reached limited-life cycle phase and are in need of replacement during the next five years.

Project Completion Date: FY 2030

Sustainability Impacts:

This project, if not completed, could impact system operations and water accounting accuracy and jeopardize compliance with Section 64561 of Titles 17 and 22 California Code of Regulations. This project addresses a critical deficiency and will have economic and environmental long-term sustainability impacts by locating and preventing water loss and improved water accounting through accurate reading of usage.



Ortega Inflow Mag Meter

SUSTAINABILITY INITIATIVES (continued)

Initiative 3 - Environmental Stewardship and Public Trust Resources

Goal: Continue to monitor and mitigate for changing climate conditions, develop and implement strategies to protect our natural resources, increase the sustainability of the steelhead trout population and improve fish passages along the Santa Ynez River.

Task 3.1

- Implement regulatory requirements per current and future BiOp

In compliance with the 2000 BiOp, State Water Board Order and as described in the FMP and the monitoring program in the 2000 Revised Biological Assessment, the COMB Fisheries Division staff will continue to conduct routine monitoring of steelhead/rainbow trout population and their habitat on the Lower Santa Ynez River (LSYR) below Bradbury Dam. These activities include lake profiles, snorkel surveys, beaver dam surveys, redd surveys, migrant trapping and target flow monitoring. The results of these activities are reported in the Annual Monitoring Summary.

Project Completion Date: Ongoing

Sustainability Impacts:

By implementing these actions, stakeholders in the Cachuma Project have created significant additional habitat for steelhead within the Santa Ynez River watershed.



SUSTAINABILITY INITIATIVES (continued)

Task 3.2

- Inspect and maintain completed fish passage projects

COMB staff has completed ten (10) fish passage projects on Quiota Creek. All projects are bottomless arched culverts, some with in-stream elements such as rock weirs for grade control and root wads to create fish habitats. COMB contracts with an external consultant to perform an annual survey of each project, which includes a hydraulic review of the grade control structures and instream elements. In addition, after high stormflow events, COMB inspects all project sites to assure each crossing and instream elements are functioning as designed and that any protective measures remain properly in place.



Quiota Creek Fish Passage

Estimated Completion Date: Ongoing

Sustainability Impacts:

Routine inspection and maintenance ensures that any adjustments necessitated by changes to the site can be made quickly so that fish habitat is not negatively impacted.

Task 3.3

- Maintain Oak Tree program throughout required period

COMB will continue its efforts of planting and maintaining oak trees as part of the Lake Cachuma Oak Tree Program in order to meet its mitigation objective of 4,721 alive and self-sustaining trees by 2025. The results of the most recent 2020 annual tree inventory reported that 5,350 oak trees have been planted to-date and 57 trees have been adopted for a total of 5,407 trees. Of that amount, 4,341 oak trees are alive which represents a survival rate of 80.28%. The number still to be planted to meet the program objective is 380 trees.



Lake Cachuma County Park

Project Completion Date: 2025

Sustainability Impacts:

Forest regrowth is a form of carbon sequestration, which is the process of capturing and storing atmospheric carbon dioxide. It is one method of reducing carbon dioxide in the atmosphere with the goal of reducing global climate change.

SUSTAINABILITY INITIATIVES (continued)

Task 3.4

• Manage USGS Stream Gauge Program

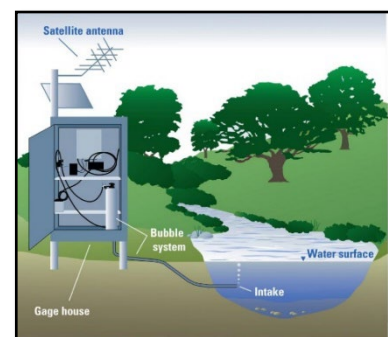
The USGS stream-gauging program provides hydrologic information needed to help define, use, and manage water resources in the Santa Ynez River system. The program provides a continuous, well-documented, well-archived, unbiased, and broad-based source of reliable and consistent water data. Because of the consistent, prescribed standards by which the data are collected and processed, the data from individual stations are commonly used for purposes beyond the original purpose for an individual station.

Project Completion Date: Ongoing

Sustainability Impacts:

Benefits of the program include the following:

- Characterizing current water-quality conditions.
- Monitoring BiOp compliance with minimum target flow requirements.
- Enhancing the public safety by providing data for forecasting and managing floods.



Stream Gauge Station

Task 3.5

• Install and maintain riparian corridor exclusionary fencing

Cattle can negatively impact the riparian corridor and instream habitat for native *O. mykiss* by denuding vegetation causing erosion, increasing turbidity, trampling spawning sites, and reducing habitat complexity. This project involves the ongoing maintenance and improvement of the already successful exclusionary cattle-fencing project along the LSYR tributaries.

Project Completion Date: Ongoing

Sustainability Impacts:

COMB's efforts will improve and protect critical habitat for native *O. mykiss*, improve water quality, maintain riparian growth, decrease mass wasting/siltation and assist local ranchers.



SUSTAINABILITY INITIATIVES (continued)

Task 3.6

- Monitor habitat through technology based methodologies



PIT Tag Reader

The California Department of Fish and Wildlife (CDFW), under permit from the National Marine Fisheries Service (NMFS), has PIT (Passive Integrated Transponders) tagged multiple fish (*Oncorhynchus mykiss*, *O. mykiss*) in the LSJR basin in association with fish rescues conducted in the late spring of 2021.

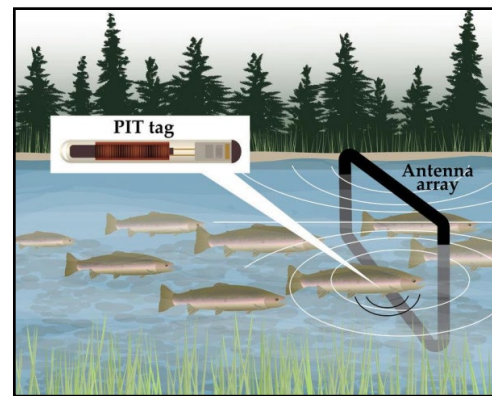
The COMB Fisheries Division will initiate a PIT tag-monitoring program starting with a feasibility study to learn about the technology including methods for data analysis.

Project Completion Date: FY 2022

Sustainability Impacts:

The objectives of the monitoring effort include:

- To monitor movement of *O. mykiss* within the LSJR basin which would include anadromous fish from the ocean and resident fish within the watershed to document migration timing, abundance, survival rate, and age distribution.
- Estimate *O. mykiss* outmigrant smolt and returning adult migration rates that could be correlated with environmental factors.
- Evaluate and document the effectiveness of required regulatory target flow releases from Lake Cachuma to the LSJR to benefit the downstream fishery by facilitating fish movement and survival.



PIT Tag Antenna Array

SUSTAINABILITY INITIATIVES (continued)

Initiative 4 - Cost-Effectiveness and Value

Goal: Maintain and improve the cost effectiveness and value of COMB services to our Member Agencies.

Task 4.1

• Identify and Prioritize Infrastructure Improvement Projects

Staff, in coordination with COMB Member Agency technical staff, developed a Five-Year Infrastructure Improvement Plan (IIP) for purposes of planning and forecasting essential capital improvements within the South Coast Conduit system. The IIP formalizes the strategy for implementation of capital projects and programs needed to carry out the goals and policy objectives of the Board.

The IIP is updated prior to the annual budget presentation and submitted to the Operations Committee for review and comment. Following Committee review and recommendations, the IIP and its annual amendments are presented to the Board of Directors for final approval.

Project Completion Date: Ongoing

Sustainability Benefits:

The IIP is organized and structured to identify and prioritize rehabilitation projects necessary to protect, improve, and sustain a reliable source of water conveyed from the Cachuma Project to the South Coast communities of Santa Barbara County.



SUSTAINABILITY INITIATIVES (continued)

Task 4.2

- Research grant funding opportunities for infrastructure and habitat improvements projects

COMB will continue to research grant funding opportunities for infrastructure and habitat improvements projects in an effort to offset project costs otherwise funded through member assessments. COMB has developed a grant program by utilizing a team of staff members to write proposals, administer grants and carry out grant contracts. COMB has applied for and received various federal and state contracts for habitat enhancement, fisheries projects within the Lower Santa Ynez River drainage and South Coast pipeline improvement projects. In the last ten years, COMB has collected \$12.4M in grant funds, as shown in the following table.

Table 4.2 - Grant Revenues - Previous Ten Fiscal Years

Fiscal Year	Grantor	Project	Amount
2011-12	CA Department of Water Resources	Modified Upper Reach Reliability Project	\$ 2,886,072
2011-12	California Department of Fish and Wildlife	Quiota Creek Crossing No. 2	700,528
2011-12	Pacific States Marine Fisheries Commission	Cross Creek Ranch Weir Repairs	8,940
2012-13	CA Department of Water Resources	Modified Upper Reach Reliability Project	313,928
2012-13	California Wildlife Conservation Board	Quiota Creek Crossing No. 7	358,103
2012-13	California Department of Fish and Wildlife	Quiota Creek Crossing No. 7	400,108
2013-14	Fish America Foundation	Cattle Exclusionary Fencing Project	17,935
2013-14	California Department of Fish and Wildlife	Quiota Creek Crossing No. 1	521,141
2013-14	California Wildlife Conservation Board	Quiota Creek Crossing No. 1	150,000
2014-15	IRWMP Proposition 84 Drought Round	Emergency Pumping Facilities Project	1,037,828
2015-16	California Department of Fish and Wildlife	Quiota Creek Crossing No. 3	705,205
2016-17	California Department of Fish and Wildlife	Quiota Creek Crossing No. 0A	604,638
2016-17	California Department of Fish and Wildlife	Quiota Creek Crossing No. 4	937,838
2017-18	FEMA/CalOES	Thomas Debris Flow	121,266
2017-18	Reclamation	North Portal Debris Boom	35,000
2017-18	County of Santa Barbara	North Portal Debris Boom	30,000
2018-19	California Department of Fish and Wildlife	Quiota Creek Crossing No. 5	893,287
2018-19	California Department of Fish and Wildlife	Quiota Creek Crossing No. 9	993,121
2019-20	California Department of Fish and Wildlife	Quiota Creek Crossing No. 8	1,010,700
2019-20	FEMA/CalOES	Sycamore Canyon Slope Stabilization	562,024
2019-20	ACWA JPIA	Wellness Grant	448
2020-21	FEMA/CalOES	Sycamore Canyon Slope Stabilization	3,737
2020-21	National Fish and Wildlife Foundation	Quiota Creek Crossing No. 8	43,280
Total			\$ 12,335,127

Project Completion Date: Ongoing

Sustainability Benefits:

The utilization of these grants has assisted COMB in accomplishing required fisheries restoration and habitat improvement projects as well as vital infrastructure improvement projects while avoiding subsequent assessments to the COMB Member Agencies.

SUSTAINABILITY INITIATIVES (continued)

Task 4.3

- Perform COMB Operations Annual Work Plan

The COMB Operations Division has the responsibility to operate, repair and maintain all Cachuma Project facilities from the Intake Tower at Lake Cachuma to the Carpinteria Reservoir. Under the Annual Work Plan, Operation and Maintenance staff performs routine maintenance on the distribution and storage system.

Project Completion Date: Ongoing

Sustainability Benefits:

The Annual Work Plan sets forth all activities necessary to ensure system reliability, address deficiencies and identify projects to be included in the Infrastructure Improvement Program of work.



COMB Lauro Control Station

Task 4.4

- Investigate and implement new technologies to advance operational efficiencies and reduce impacts of climate change

COMB recognizes the importance of technology to increase operational efficiencies and reduce impacts of climate change. For example, the use of GIS technologies for the mapping of the SCC pipeline and appurtenances have been essential to facilitate accurate locations for repair and maintenance of the conveyance system. Those same technology enhanced field operations in the fisheries program of work for the implementation of restoration projects and to understand better the changes in the watershed and the surrounding tributaries.

Under this task, COMB will assess existing practices and systems, and explore and promote new technology to streamline our processes and integrate our systems better. Additionally, as equipment is replaced, COMB will seek and evaluate environmentally friendly, carbon neutral replacement options.

Project Completion Date: Ongoing

Sustainability Impacts:

Access to new technology will provide staff with the ability to better serve our stakeholders, increase productivity, better adapt to climate change and lower overhead costs.

SUSTAINABILITY INITIATIVES (continued)

Task 4.5

• Explore alternate sources of renewable energy

COMB staff will explore opportunities for alternate sources of renewable energy such as solar or hydro-electric power to be installed at the COMB office and/or outlying facilities. The goal of the project is to increase efficiency of COMB's energy system and sourcing of renewable energy.

Project Completion Date: FY 2025

Sustainability Impacts:

The benefits of renewable energy include cleaner air, lower carbon emissions, the conservation of natural resources, and substantial long-term savings.



COMB Office Building

Task 4.6

• Develop a Green Fleet Policy



To demonstrate our commitment to sustainability, COMB will develop a Green Fleet Policy that addresses ways to reduce fuel use and emissions through actions and technologies such as electric vehicles and charging stations, carpooling, vehicle "right sizing", driver education programs, and fuel and vehicle management programs that enable detailed tracking use and expenditures.

Project Completion Date: FY 2024

Sustainability Impacts:

Transportation is a significant source of air pollution and the largest contributor of greenhouse gas emissions in California. Air pollution is linked to increased rates of cancer, heart and lung disease, asthma and allergies. Carbon dioxide pollution, a greenhouse gas, causes climate change. In addition, by improving efficiency, a greener fleet can significantly reduce lifecycle costs and vulnerability to volatile fuel prices.

SUSTAINABILITY INITIATIVES (continued)

Initiative 5 - Organizational Policies and Financial Responsibility

Goal: Operate within approved policies in a productive, transparent and efficient manner to ensure sound financial stability.

Task 5.1

- Create an organizational culture of sustainability

To be a sustainable organization requires a continuous commitment by COMB management and staff. COMB will create a sustainability welcome packet for new employees that describes our vision and our commitment to sustainability practices. COMB will foster an environment that encourages existing staff to identify and recommend new sustainable concepts and projects with an emphasis on addressing climate change and its impacts. Finally, COMB will review progress made in the Plan with staff on a biennial basis.



Project Completion Date: Ongoing

Sustainability Benefits:

Developing sustainable practices will streamline operations, make COMB more efficient, and conserve resources while decreasing our agency's operational costs.

Task 5.2

- Uphold transparency principles

COMB recognizes that transparency is key to effective governance. COMB ensures compliance with these principles through Board and staff ethics training, open and transparent public meetings and the posting of governance policies and documents on our website.



Project Completion Date: Ongoing

Sustainability Impacts:

Transparency promotes integrity and ensures accountability of a government by making information easily available, which can be used to measure an agency's performance and to guard against any possible misuse of power or misallocation of resources.

SUSTAINABILITY INITIATIVES (continued)

Task 5.3

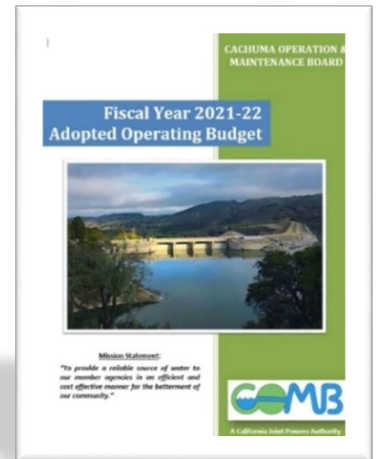
• Operate within approved financial resources

COMB will make every effort to keep current expenditures less than current assessments and revenues to avoid subsequent assessments to its Member Agencies. Additionally, COMB will continue to evaluate both current activities and proposals for future projects to ensure long-term financial and operational stability.

Completion Date: Ongoing

Sustainability Impacts:

COMB's primary budget objective is to provide the highest possible level of service to COMB's stakeholders and members of the public without impairing COMB's financial condition.



Task 5.4

• Invest in "Commitment to Excellence" Program through ACWA JPIA

It is COMB's intention to participate in the ACWA JPIA Commitment to Excellence Program. The program incorporates best practice concepts related to vehicle, infrastructure, construction, employment practices, ergonomics, accident claims, and wildfires.

Project Completion Date: FY 2023

Sustainability Impacts:

The Commitment to Excellence program is intended to promote the health and safety of COMB staff while reducing the frequency and severity of liability, workers' compensation, and property loss claims.



SUSTAINABILITY INITIATIVES (continued)

Task 5.5

- Participate in the GFOA Award Programs

COMB participates in the Government Finance Officers Association (GFOA) Award Programs including the Certificate of Achievement for Excellence in Financial Reporting Program and the Distinguished Budget Presentation Awards Program.



Completion Date: Ongoing

The goal of the GFOA Award Programs is to encourage and assist state and local governments to go beyond the minimum requirements of generally accepted accounting principles to prepare annual comprehensive financial reports and budget documents of the very highest quality, promote transparency and full disclosure, and demonstrate a commitment to long term financial planning.

Task 5.6

- Explore new technologies to be more productive and reduce disposable waste

COMB adopted an electronic signature policy to increase productivity and ensure convenient, timely, and appropriate access to District information by using electronic signature technology to collect and preserve signatures on documents quickly, securely, and efficiently.

COMB will continue to explore new technologies in an effort to move to a paperless workplace that has minimal paper-based processes and relies on digitized documents instead. This will involve transitioning to an electronic document managing system that digitizes files and stores them in a central repository as determined by COMB policy.

Project Completion Date: Ongoing

Sustainability Impacts:

COMB is committed to responsible production, consumption and reuse of products, thereby preventing waste materials from entering landfills, water and air to preserve both human and environmental health.



SUSTAINABILITY INITIATIVES (continued)

Initiative 6 - Foster Leadership and Strengthen Workforce Capabilities

Goal: Continue to promote a safe and positive work environment and provide equal opportunities for employees to use their diverse talents to grow professionally and prepare for challenges of the future.

Task 6.1

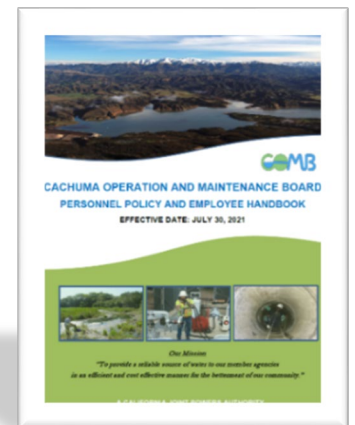
- Annual Personnel Policy and Employee Handbook updates

It is COMB's policy to update the handbook annually to ensure compliance with new employment laws and changes to personnel policies.

Project Completion Date: Ongoing

Sustainability Impacts:

The document serves as a reference manual for new and current employees and contains useful information concerning responsibilities and expectations, employee benefits as well as state and federal employment regulations. In addition, a thorough and compliant handbook will assist an organization defend against an employee labor or discrimination claim.



Task 6.2

- Promote social well-being within the organization

COMB will develop an Employee Health and Wellness Plan to engage employees on a voluntary basis, increase awareness of positive health behaviors, and provide opportunities through a supportive work environment to foster positive lifestyle changes.

Project Completion Date: FY 2022

Sustainability Impacts:

The program will seek to increase employee morale and productivity while reducing absenteeism, and improve employee health care costs through preventative measures.



SUSTAINABILITY INITIATIVES (Continued)

Task 6.3

- Enroll Management in Leadership program through ACWA JPIA

COMB is committed to enrolling its management staff in the Leadership Essentials for the Water Industry program offered through ACWA JPIA. The year-long leadership program consists of 50 academic hours of learning divided into four in-classroom sessions along with monthly webinars and back-at-work assignments.



Project Completion Date: FY 2023 / 2024

Sustainability Impacts:

The curriculum is specifically formulated to assist participants to lead effectively across three leadership spectrums: self-leadership, team leadership, and agency leadership. The program is an excellent opportunity to collaborate with other leaders in the water industry throughout the state.

Task 6.4

- Provide pathway to D3 certifications for Operations personnel

In February 2022, the State Water Resources Control Board, Division of Drinking Water (DDW) re-activated COMB's Domestic Water Supply Permit for the South Coast Conduit. In doing so, DDW classified the South Coast Conduit as a Distribution 3 (D3) system. This classification, among other things, allows COMB staff to pursue a D3 certification.



Project Completion Date: FY 2022 / 2023

Sustainability Impacts:

The pursuit of D3 certification will allow COMB staff to advance their career path as Water Distribution Operators and at the same time increase staff recruitment and promote longevity. The certification program will also provide assurance to our stakeholders of the depth of experience in our distribution staff.

SUSTAINABILITY INITIATIVES (continued)

Task 6.5

- **Develop Employee Retention plan to promote longevity**



Employee retention is critical to the sustainability and success of an organization. Turnover costs can have a significant negative impact on an organization's performance and employee morale. Providing a challenging and rewarding workplace for a talented and interested staff requires implementing opportunities for growth and engagement. COMB will develop an Employee Retention plan that offers educational and

work experience opportunities to enable staff to continue their professional and personal development. In addition, COMB's management culture fosters a workplace where employee morale is a priority and where innovative ideas and suggestions are nurtured and encouraged.

Project Completion Date: FY 2023 / 2024

Sustainability Impacts:

The financial and time consuming investment in selecting and maintaining COMB's talented workforce offers organizational sustainability through long-term employment and subsequent preservation of historical working knowledge in a complex system.

Task 6.6

- **Participate in the ACWA JPIA Vector Solutions Online Training Program**

Through its membership with ACWA JPIA, COMB staff has access to a web-based training and risk management platform. Training courses cover a wide range of topics including business skills, cybersecurity, human resources, motor vehicle safety, office productivity, OSHA compliance, project management, water and waste water.

Project Completion Date: Ongoing

Sustainability Impacts:

Staff training and development can help COMB gain and retain top talent, increase job satisfaction and morale, and improve productivity and workplace safety.



ALIGNMENT WITH SUSTAINABILITY PILLARS

As described in this Plan, COMB is committed to integrating the three sustainability pillars into our ordinary operations and long-term resource management. If any one of the pillars are undermined, then the system as a whole is unsustainable. These principles provide a basis for evaluating and prioritizing projects undertaken by COMB.

The tasks in this Plan, have been aligned with the three sustainability pillars based on the guidelines below:



Environmental Sustainability

1. Does it serve to protect, conserve, and enhance our natural resources and/or critical habitat?
2. Does it seek ways to mitigate the causes of climate change on our community and watershed?
3. Does it reduce our dependence on resources such as electricity, natural gas, and other fossil fuels?
4. Does it protect or improve the ability for future generations to meet their water supply needs.

Economic Sustainability

1. Does it improve the resiliency of or extend the life of an asset or critical infrastructure?
2. Does it reduce operational costs or maintenance repairs?
3. Does it add value for our stakeholders (financial and/or water supply reliability)?
4. Does it increase productivity or efficiency?

Social Sustainability

1. Does it protect public health and safety of our stakeholders and the community we serve?
2. Does it support a safe and healthy work environment for our employees?
3. Does it foster an equitable, cultural and socially diverse atmosphere?
4. Does it promote personal well-being or professional development of staff?
5. Does it place an emphasis on acknowledging and rewarding staff's work efforts in order to create a long term loyal workforce?

ALIGNMENT WITH SUSTAINABILITY PILLARS (continued)

Table 4.3 – Sustainability Tasks

Ref	Project Name			
		Environment	Economic	Social
1.0	Water Supply Reliability			
1.1	Task - EPF Secured Pipeline	✓	✓	✓
1.2	Task - EPF Pump Station (if needed)	✓	✓	✓
1.3	Task - North Portal Intake Tower Seismic Assessment		✓	✓
1.4	Task - Continue to monitor the impact of changing climate conditions and disastrous events on watershed	✓	✓	✓
1.5	Task - Water Quality Buoy / Sampling program	✓	✓	✓
1.6	Task - Jet Flow Valve Replacement		✓	✓
2.0	Distribution Facilities Improvements			
2.1	Task - Rehabilitate SCC Lateral Structures	✓	✓	✓
2.2	Task - SCADA Upgrades		✓	
2.3	Task - AVAR/BO Rehabilitation Program	✓	✓	
2.4	Task - SCC Isolation Valve installation	✓	✓	
2.5	Task - Critical Control Valve Replacement	✓	✓	
2.6	Task - Meter Replacement Program	✓	✓	
3.0	Environmental Stewardship and Public Trust Resources			
3.1	Task - Implement regulatory requirements per current and future BiOp	✓	✓	✓
3.2	Task – Inspect and maintain completed fish passage projects	✓	✓	
3.3	Task - Maintain Oak Tree program throughout required period	✓	✓	✓
3.4	Task – Manage USGS Stream Gauge Program	✓	✓	
3.5	Task – Install and maintain riparian corridor exclusionary fencing	✓	✓	✓
3.6	Task - Monitor habitat through technology based methodologies	✓	✓	

ALIGNMENT WITH SUSTAINABILITY PILLARS (continued)

Table 4.3 – Sustainability Tasks (continued)

Ref	Project Name			
		Environment	Economic	Social
4.0	Cost-Effectiveness and Value			
4.1	Task – Identify and prioritize Infrastructure Improvement Projects		✓	✓
4.2	Task - Research grant funding opportunities for infrastructure and habitat improvements projects	✓	✓	✓
4.3	Task – Perform COMB Operations Annual Work Plan		✓	
4.4	Task - Investigate and implement new technologies to advance operational efficiencies	✓	✓	✓
4.5	Task – Explore alternate sources of renewable energy	✓	✓	✓
4.6	Task – Develop a Green Fleet Policy	✓	✓	✓
5.0	Organizational Policies and Financial Responsibility			
5.1	Task – Create an organizational culture of sustainability	✓	✓	✓
5.2	Task – Uphold transparency principles	✓	✓	✓
5.3	Task – Operate within approved financial resources		✓	✓
5.4	Task – Invest in “Commitment to Excellence” Program through ACWA JPIA		✓	✓
5.5	Task – Participate in the GFOA Award Programs		✓	✓
5.6	Task – Explore new technologies to be more productive and reduce disposable waste	✓	✓	✓
6.0	Foster Leadership and Strengthen Workforce Capabilities			
6.1	Task - Annual Personnel Policy and Employee Handbook updates		✓	✓
6.2	Task – Promote social well-being within the organization		✓	✓
6.3	Task - Enroll Management in Leadership program through ACWA JPIA		✓	✓
6.4	Task - Provide pathway to D3 certifications for operations personnel		✓	✓
6.5	Task – Develop Employee Retention plan to promote longevity		✓	✓
6.6	Task – Participate in the ACWA JPIA Vector Solutions Online Training Program	✓	✓	✓

ALIGNMENT WITH SUSTAINABILITY PILLARS (continued)

As previously stated, COMB is committed to providing exemplary services that are consistent with our history, mission and unique composition. To be successful, we must be sustainable. We will evaluate our success through a triple bottom line lens – people, planet and prosperity. Table 4.3 demonstrates how these initial thirty-six tasks overlap and interconnect and, if followed in action, achieve results consistent with operating a sustainable organization.

These tasks further reinforce our purpose which is to operate and maintain the Cachuma Project Transfer Project Works and to coordinate with our Member Agencies to ensure that water supply meet daily demands. To that end, COMB will have a positive impact on the stakeholders we serve by making strategic decisions and promoting public policies that support sustainability.





SUSTAINABILITY PRACTICES IN ACTION



This page left blank intentionally

ALIGNMENT BETWEEN COMB MISSION AND SUSTAINABILITY PLAN

COMB is committed to providing exemplary services that are consistent with our history, mission and unique composition. Our actions are guided by the COMB mission:

*“To provide a reliable source of water to our Member Agencies
in an efficient and cost effective manner
for the betterment of our community.”*

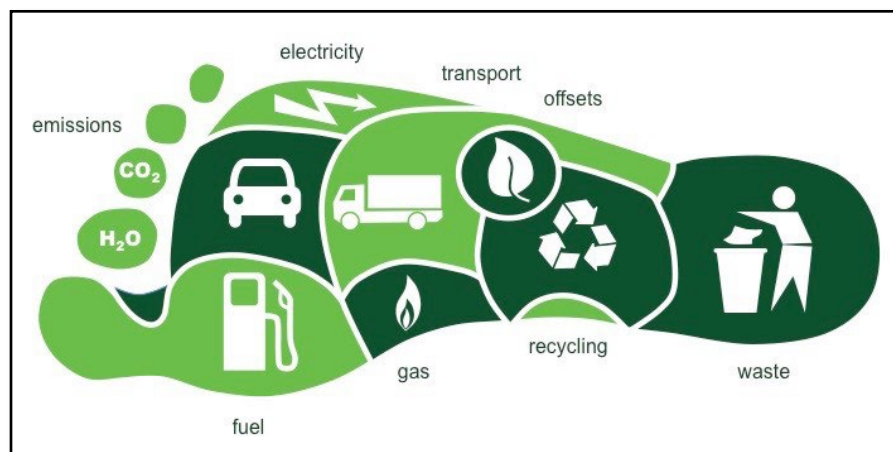
Sustainability has always been embedded in the foundation of our agency strategy. Creating value for our stakeholders and more broadly, for our society and employees, is a key to the long-term resilience and inherent value of COMB. The sustainability framework, which underpins our strategy, puts our purpose into action. We must continue to integrate sustainability into our governance structure and processes, so that, within the scope of COMB’s responsibilities, it informs our future strategic and operational decisions.

REDUCE OUR CARBON FOOTPRINT

COMB is committed to setting targets and implementing a pathway forward to achieve carbon neutrality that includes:

- Investing in energy efficiency measures and renewable onsite power.
- Choosing lower-emitting alternatives when procuring equipment, materials and fuels.
- Considering suppliers with lower Greenhouse Gas Emission supply chains in our evaluation of suppliers.

COMB will apply both adaptation and mitigation measures as part of our efforts to address climate change. The Plan is intended to identify opportunities and solutions to achieve climate resilience and future sustainability.



IMPLEMENTATION

COMB staff will develop implementation plans for each task as well as measure and monitor success. The Plan will be further used as a guiding tool in the development of the annual COMB budget and other short and long-term planning documents.

MONITORING AND REPORTING

The Plan has identified six initiatives that have related goals and objectives. If actions are successfully implemented, objectives will be achieved and goals will be reached. To evaluate whether an objective has been accomplished, COMB will track key performance data and align the data with numerical targets.

Reporting and monitoring progress made in each of the proposed initiative areas is integral to the Plan. Every two years, COMB will produce a short, interim report to evaluate progress toward completion of each project or initiative. COMB will also consider new initiatives or modifications to existing initiatives. Every five years, the agency will provide an in-depth analysis of the current status of all initiatives, progress made toward each and any other sustainability efforts to be incorporated into the Plan for the upcoming five years.

It is important to stress that these proposed initiatives/projects are flexible and contingent on funding. While this is the current Plan, fluctuations in environment, community needs and funding availability may dictate not currently anticipated action or changes to the priority of planned projects.



OUR COMMITMENT GOING FORWARD

Sustainability at COMB isn't a choice but a paramount responsibility. The design of this Plan is only the first step on a long road. Commitment to execute these initiatives will require dedicated, consolidated effort from COMB staff going forward. The Plan is designed to prioritize sustainability within the parameters of all of COMB's operations. Hence, the initiatives outlined in this Plan are consistent with the maintenance of the conduit and structures, fisheries habitat improvements and administrative tasks. The Plan further provides a platform to document efforts and achievements. It may, in turn, assist other agencies realize their own sustainability potential and develop plans to promote a healthier community.

All of these efforts combine to achieve measurable levels of positive environmental impact throughout COMB's continued operations. It is in the best interest of COMB, our Member Agencies and community to make decisions that ensure a dependable and sustainable water source. Intense droughts, rising temperatures, and other imminent environmental hazards resulting from climate change not only affect the water supply but impact the quality of life for the community we live in. These crises will worsen if no action is taken to mitigate their effects. Therefore, COMB implements this Plan as its initial course of action to mitigate and contribute to the reversal of hazards that threaten our valuable resources.



This page left blank intentionally



APPENDICES



This page left blank intentionally



LIST OF APPENDICES

APPENDIX 1: COMB ORGANIZATION STRUCTURE

APPENDIX 2: CACHUMA PROJECT FACILITIES MAP

APPENDIX 3: COMB MANAGED ASSETS

APPENDIX: 4: LIST OF ACRONYMS AND ABBREVIATIONS

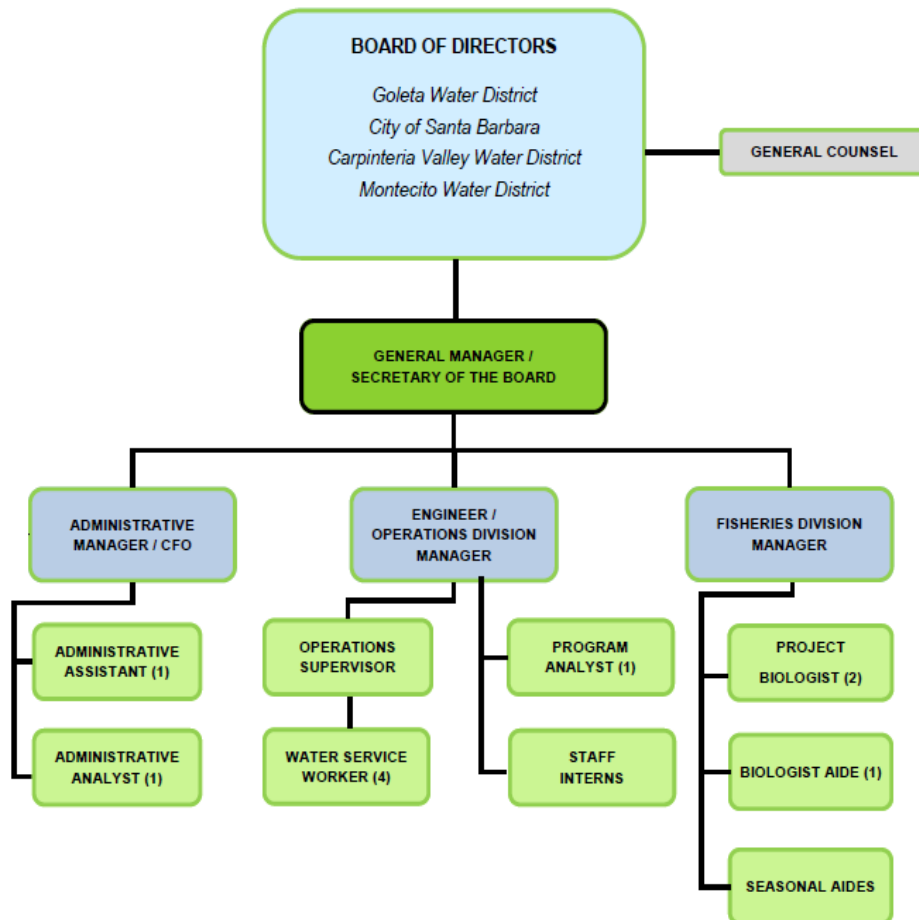
This page left blank intentionally

ORGANIZATIONAL STRUCTURE

The Governing Board is composed of one publicly elected representative member from each of the governing bodies and is appointed by appropriate action of each governing board to serve on the COMB Board. The appointed Board members are authorized to carry out the provisions of the JPA agreement and any other agreement entered into by the Governing Board. The Board of Directors is responsible for setting policy on matters such as fiscal management and financial planning, Board administration, infrastructure improvements, and long-range planning documents.

Day-to-day operations are executed by the General Manager who serves at the pleasure of the Board. The General Manager oversees a staff of fifteen full-time employees and two fulltime equivalent (FTE) seasonal employees.

COMB Organizational Structure

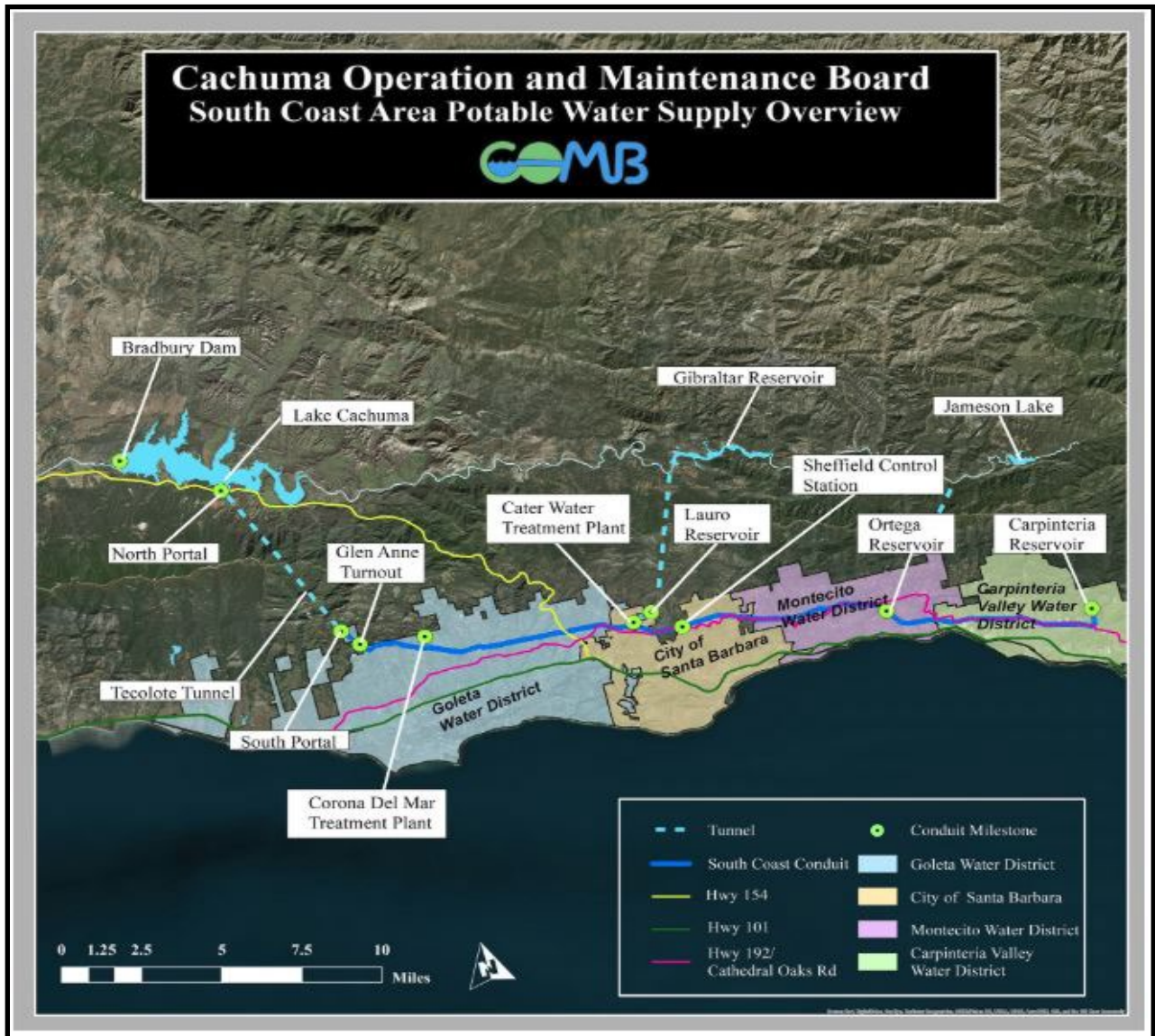


CACHUMA PROJECT FACILITIES MAP

Lake Cachuma and Bradbury Dam are located on the Santa Ynez River approximately 25 miles northwest of Santa Barbara. Water from Lake Cachuma is conveyed to the COMB Member Agencies through the Tecolote Tunnel intake tower at the east end of the reservoir. The Tecolote Tunnel extends 6.4 miles through the Santa Ynez Mountains from Lake Cachuma to the headworks of the SCC.

The SCC system is a high-pressure concrete pipeline that extends over 26 miles from the Tecolote Tunnel outlet to the Carpinteria area and includes four regulating reservoirs and various appurtenant structures.

Cachuma Project Facilities Map

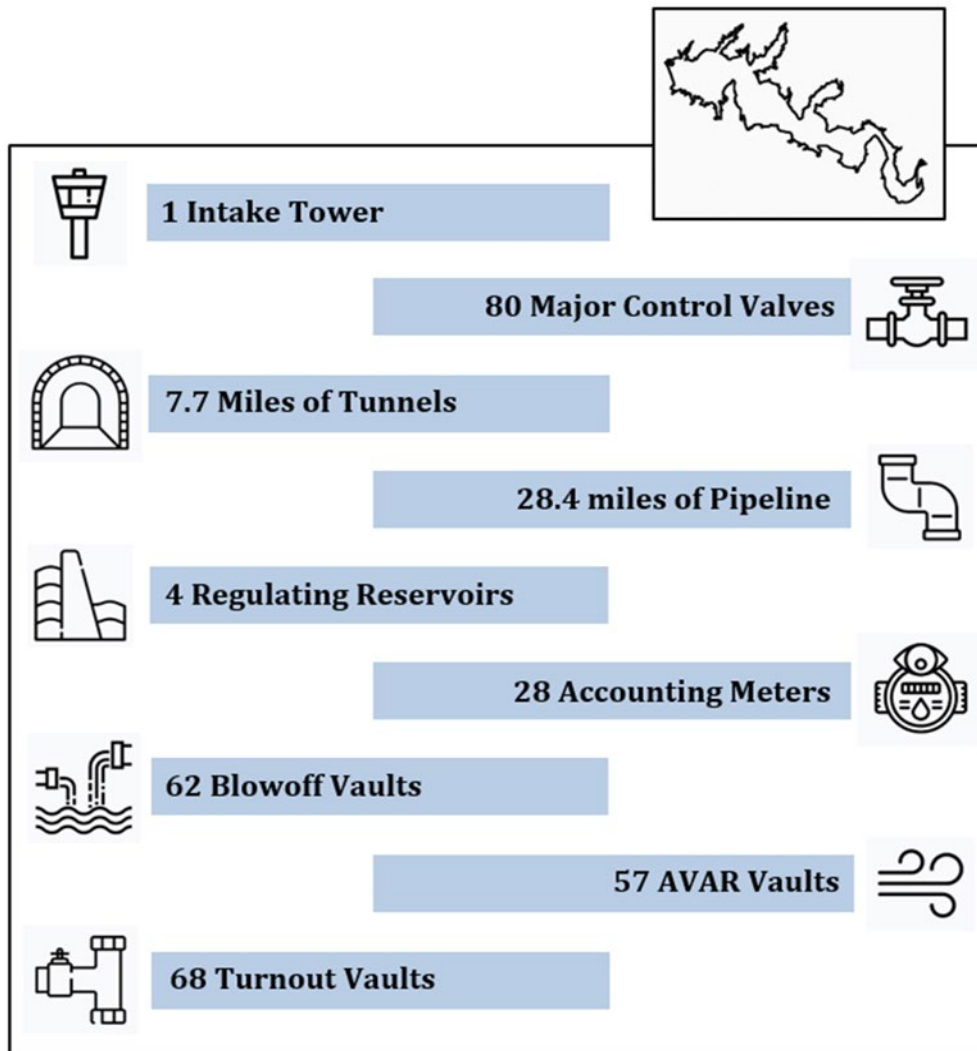


COMB MANAGED ASSETS

COMB, through a Transferred Project Works contract, is responsible for operating and maintaining the USBR facilities. COMB operates and maintains the Cachuma Project critical infrastructure assets, which include the North Portal, Tecolote Tunnel, SCC, Sheffield Tunnel, and Glen Anne, Lauro, Ortega, and Carpinteria Reservoir locations.

A comprehensive asset management tool was assembled by COMB staff for organizing a hierarchy of assets, which can be characterized by asset class, original cost, replacement cost, effective life, probability of failure, and renewal strategy (abandon, maintain, repair, replace), among other inputs. It is useful for viewing assets and their current conditions in a single location, while identifying assets or categories of assets that will need near or long-term work.

COMB Managed Assets



COMB MANAGED ASSETS (continued)**Intake Tower**

COMB operates and maintains the North Portal Intake Tower, which diverts water from Lake Cachuma into the Tecolote Tunnel and through the SCC for delivery to COMB Member Agencies. The vertical intake tower was built by Reclamation during construction of the Cachuma Project and stands 120 feet tall. The intake tower is located approximately mid-reservoir and contains five slide gates, each at varying levels on the pentagonal-shaped tower. The slide gates are used to manage the conveyance of water from the lake at various elevations depending on lake conditions.



*Tecolote Tunnel Intake Tower,
Lake Cachuma*

Valves

COMB operates and maintains over 80 large control valves and slide gates located within gate chambers, control stations, and dam inlet-outlet works. Most of the large control valves measure 30 inches or more in diameter. The large control valves are located throughout the system and allow distribution or service area isolation when maintenance on the system is required. COMB performs annual maintenance to ensure their operability.



Lauro Control Station Valve

Tunnels

COMB maintains four separate tunnels covering over 7.7 miles throughout the Cachuma Project system. The tunnels vary in length, with the most significant being the 6.4-mile Tecolote Tunnel, which provides water conveyance from Lake Cachuma through the Santa Ynez Mountains to the SCC where it is delivered to the water districts. The horseshoe shaped, concrete walled tunnels were built by Reclamation during the construction of the Cachuma Project.



Tecolote Tunnel

COMB MANAGED ASSETS (continued)

Pipeline

COMB operates and maintains over 28.4 miles of concrete conveyance pipeline throughout the system. The primary pipeline is referred to as the SCC and is composed of over 9.5 miles of 48-inch diameter reinforced concrete cylinder pipe in the upper reach of the system, and 17.0 miles of 27 to 36-inch bar-wrapped concrete cylinder pipe within the lower reach.

The SCC is original except for 330 feet installed as part of a Highway 154 realignment project in 1970, 2,900 feet of welded steel pipe installed in 1980, and approximately 2,000 feet of welded steel pipe installed in the upper reach as part of the MURRP in 2012.



Modified Upper Reach Reliability Project (MURRP) completed 2012

Reservoirs



Carpinteria Reservoir

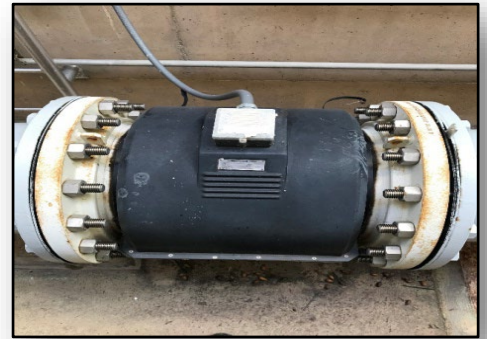
COMB operates and maintains four regulating reservoirs, which balance conveyance operations within the south coast area of the Cachuma Project system.

Two of the reservoirs are zoned earth-filled embankment dams originally designed and installed by Reclamation. Lauro Dam has a structural height of 137 feet, a crest length of 540 feet, and a storage capacity of 518 acre-feet. Seismic safety modifications were completed in 2006, which brought the facility into seismic compliance. Glen Anne Dam located in the upper reach is currently non-operational. The two reservoirs

located in the lower reach of the system are Ortega Reservoir and Carpinteria Reservoir. They are homogenous earth-filled structures and provide for over 100 acre-feet of storage capacity combined. Both Ortega and Carpinteria Reservoirs have two separate bays divided by a center wall and were covered with aluminum roofs in 2007 and 2005, respectively.

COMB MANAGED ASSETS (continued)**Meters**

COMB reads and maintains 28 accounting meters throughout the system. Of the 28 meters, 11 are integrated with SCADA to allow remote tracking and historical logging of flow measurements. COMB also tracks pressure and water quality parameters such as turbidity, specific conductance, pH, and temperature, using sensors located at the North Portal.



Ortega Inflow Mag Meter

Structures

COMB operates and maintains approximately 200 SCC structures throughout the system. This includes 62 blow-off vaults, 57 air-vacuum air-release vaults, and 68 turnouts through the peaks and valleys of SCC system. The purpose of these appurtenant structures is to allow staff access to system components, in order to release/admit air for pipeline protection, release water for maintenance purposes or emergencies, and to service internal assembly and/or valve



Structure Maintenance

LIST OF ACRONYMS AND ABBREVIATIONS

ACWA	Association of California Water Agencies
AFY	Acre Foot per Year
AVAR/BO	Air Vacuum Air Release / Blow Off
BiOp	Biological Opinion
CDFW	California Department of Fish and Wildlife
COMB	Cachuma Operation and Maintenance Board
D3	Distribution 3
DDW	Division of Drinking Water
EPF	Emergency Pumping Facility
EPFP	Emergency Pumping Facilities Project
FY	Fiscal Year
FMP	Fish Management Plan
GIS	Geographic Information System
IIP	Infrastructure Improvement Plan
IIPP	Injury and Illness Prevention Plan
IRWMP	Integrated Regional Water Management Program
JPA	Joint Powers Authority
JPIA	Joint Power Insurance Authority
LYSR	Lower Santa Ynez River
MURRP	Modified Upper Release Reliability Project
NMFS	National Marine Fisheries Service
P	Phosphorous
PIT	Passive Integrated Transponders
PLAN	COMB Sustainability Plan
Reclamation	United States Bureau of Reclamation
SCADA	Supervisory Control and Data Acquisition
SCC	South Coast Conduit
SWP	State Water Project
SYR	Santa Ynez River
TOC	Total Organic Compound

This page left blank intentionally

This page left blank intentionally



Cachuma Operation and Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105
www.cachuma-board.org

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 27, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: Resolution No. 754 - Proposed Changes to Procurement Policy

RECOMMENDATION:

The Board of Directors review the proposed changes to the Procurement Policy and provide direction to staff, including adopting Resolution No. 754 approving the revised Policy.

SUMMARY:

The COMB Procurement Policy was adopted by the Board of Directors on March 27, 2017 and amended on August 28, 2017 to align with the newly adopted fiscal policy. Under applicable authority and law, COMB is not required to use the competitive bidding process. However, in the interest of transparency, COMB has elected to follow the open and competitive procurement process.

The procurement policy sets forth uniform procedures for the procurement of equipment, non-professional and professional services, supplies, request for proposals and formal bidding and contracting for COMB. With several years of cost inflation, particularly the extraordinary inflation factors experienced over the past two years related to the pandemic, supply-chain issues, fuel costs and labor shortages, this policy requires an update to remain in alignment with current market conditions.

The following table summarizes the controlling authority and requirements for the various levels of procurements as outlined in the current policy:

Purchase of Supplies, Equipment, Professional and Non-Professional Services

Amount	Procurement Instrument	Requirement	GM Approval	Board Approval
\$500 - \$5,000	Standard P.O.	Prefer two quotations	Yes	No
\$5,000 - \$25,000	POA / POAC / PSA	Minimum of Two Quotations Required	Yes	No
\$25,000 - \$50,000	POA / POAC / PSA	Minimum of Two Quotations Required	Yes	Yes
\$50,000 - \$100,000	POA / POAC / PSA	Informal Bidding Process (RFP); Minimum of Two Proposals Required	Yes	Yes
> \$100,000	Project Contract	Competitive Public Bidding Process Required	Yes	Yes
Various	NCB Contract	Sole Source Justification	Yes	Yes

Procurement Instruments

Standard PO:	<i>Standard purchase order form</i>
POA:	<i>Purchase Order Agreement (contract with insurance requirements)</i>
POAC:	<i>Purchase Order Construction Agreement (contract with insurance requirements)</i>
PSA:	<i>Professional Services Agreement (contract with insurance requirements)</i>
Project Contract:	<i>Public Bid Solicitation Contract (contract with insurance and other requirements)</i>
NCB Contract:	<i>Non-Competitive Bid Contract (contract with insurance and other requirements)</i>

COMB operates and maintains 26 miles of concrete lined large diameter (27" – 48") pipeline with numerous large-sized (24" to 48" meters and valves). These replacement components are very expensive (usually above \$25k) and when they stop working, are in need of replacement as soon as possible for critical operations.

To be able to secure these items, often purchase orders need to be approved in a week or less. For example, COMB needed a 24" gate valve for the La Mirada project in 2021 because the factory was delayed in delivering one which could have impacted construction, but staff was able to locate another valve that was in inventory for \$24,000 to prevent the construction delay. Often small repairs are needed on roads and culverts by a contractor. For example in 2020, the culvert failed on the Sheffield Access Road that needed to be quickly repaired prior to winter storms to prevent flooding of nearby property. A contractor was mobilized for \$24,000 to finish the repair a couple of days before the first major winter storm.

Both the gate valve purchase and culvert repair would now exceed \$25k and would require a 4 to 6 week delay to obtain committee review and board approval. COMB has several large magmeters (18" to 48") that are reaching their life expectancy. If one of these fails, a new one would need to be secured as soon as possible, but given the size of the magmeter, the purchase would exceed the \$25k limit. Critical operations information might be delayed several weeks if board approval were required to purchase the magmeter replacement.

Lead times have become substantially extended during the past two years. Further, the industrial sector of the economy has suffered high inflationary increases due to pandemic related supply chain issues, fuel costs and labor shortages. Inflation has caused an increase in both capital and operational costs. In researching pipe and steel products and availability, it is recognized that prices of concrete pipe (14.9 percent), copper pipe (38.3 percent), fabricated steel (36.5 percent), and PVC pipe (53.5 percent) have soared since the COMB Procurement Policy was established in 2017⁽¹⁾. Increased costs have required COMB staff to update and adjust (increase) estimates for capital projects outlined in the 2021-2025 Infrastructure Improvement Plan (IIP). Standard procurements, construction services, and heavy duty material procurements, which were previously time efficient and cost effective, are now taking much longer to process due to unspecified delays in manufacturing, order processing and shipments.

With such large increases in material, equipment, fuel, construction and labor costs, along with supply chains issues, the ability to obtain effective (time-sensitive) procurements has diminished. Amending the current policy thresholds to correspond with this inflationary environment will promote staff resource productivity and would allow critical purchases to occur more efficiently.

⁽¹⁾ BLS Consumer Price Index Data

The following table (highlights) outlines the proposed changes to the procurement policy.

Purchase of Supplies, Equipment, Professional and Non-Professional Services

Amount	Procurement Instrument	Requirement	GM Approval	Board Approval
\$500 - \$5,000 \$1,000 - \$10,000	Standard P.O.	Normally Two Quotations Obtained	Yes	No
\$5,000 - \$25,000 \$10,000 - \$50,000	POA / POAC / PSA	Minimum of Two Quotations Required	Yes	No
\$50,000 - \$100,000 \$50,000 - \$150,000	POA / POAC / PSA	Informal Bidding Process (RFP); Minimum of Two Proposals Required	Yes	Yes
> \$100,000 > \$150,000	Project Contract	Competitive Public Bidding Process Required	Yes	Yes
Varies	NCB Contract	Sole Source Justification	Yes	Yes

COMB has established a system of internal controls that provide an audit trail for all purchases and provides transparency in the procurement process including the following controls:

- Two or more persons involved in each transaction, end-to-end
- Provide subsequent approval of purchase prior to payment
- Requires certification of receipt of material
- Reconciliation of receipt with invoice and final payment
- Requires two signatures on payment of invoice
- Payment of Claims submitted for Board approval

COMMITTEE STATUS:

The Administrative Committee reviewed the proposed changes to the Procurement Policy and forwards the revised Policy to the Board of Directors with a recommendation to approve and adopt Resolution No. 754.

LIST OF EXHIBITS:

- 1) Resolution No. 754
- 2) Proposed Revised Procurement Policy

THIS PAGE INTENTIONALLY LEFT BLANK

RESOLUTION NO. 754

**RESOLUTION OF THE GOVERNING BOARD OF THE
CACHUMA OPERATION & MAINTENANCE BOARD
ADOPTING THE REVISED PROCUREMENT POLICY**

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” or “JPA”); and

WHEREAS, the Member Agencies of COMB consist of 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 the Transfer of Operation and Maintenance Contract with the United States Bureau of Reclamation; and

WHEREAS, the COMB Board of Directors initially adopted a Procurement Policy (“Policy”) in March 2017, which set forth uniform procedures for the procurement of equipment, non-professional and professional services, supplies, request for proposals and formal bidding and contracting for COMB; and

WHEREAS, the adopted Procurement Policy was amended in August 2017 to align with the newly-adopted Board fiscal policy; and

WHEREAS, the current inflationary environment requires an amendment to the Policy to update purchasing thresholds and provide a streamlined approach in staff procurement of goods and services.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF COMB:

1. The Governing Board finds and determines that the facts set forth in the above recitals and in the documents referenced herein are true and correct.
2. The Governing Board approves and adopts the revised Procurement Policy as presented.
3. This Resolution shall take effect immediately.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board, this 27th day of June 2022, by the following roll call vote:

Ayes:

Nays:

Abstain:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board



**POLICY AND PROCEDURE
CACHUMA OPERATION & MAINTENANCE BOARD**

Revised Date:	POLICY TITLE	Policy No.: X.X
June 27, 2022	PROCUREMENT POLICY	Page 1 of 11

X.X PROCUREMENT POLICY

1. PURPOSE AND SCOPE

This procurement policy sets forth uniform procedures for the procurement of equipment, non-professional and professional services, supplies, and formal bidding and contracting for Cachuma Operation and Maintenance Board (Agency).

The objective of a procurement policy is to ensure timely, efficient, and cost effective procurement within the guidelines of good business practices and transparent public policy. Unless stated otherwise, the policy applies to all purchasing actions regardless of funding source and payment method. All procurements shall be reasonable and necessary. This policy applies to the procurement of equipment, services, and supplies using funds authorized for expenditure by the adopted annual budget.

2. AUTHORITY

The General Manager shall have the authority to approve expenditures made for official Agency business up to a maximum of \$50,000, provided such expenditures are within the budget, as adopted by the Agency. Purchases of equipment, services, or supplies exceeding \$50,000 shall be submitted, through the appropriate Committee, to the Board of Directors for review and approval. This expenditure authority limitation shall not apply to routine, recurring operational expenses already approved within the annual operating budget, such as salaries, benefits, insurance, legal and IT services.

Emergency expenditures, as defined in this policy, shall be subject to approval by the General Manager or designee, who shall notify the Board President of actions taken and will bring notification to the full Board within 30 days of the expenditure being made.

3. GENERAL PROCUREMENT GUIDELINES

- A. Sufficient budgeted funds must be available for all procurements.
- B. Purchases of supplies, equipment, and non-professional services greater than \$1,000 and up to but not exceeding \$10,000 require the advance approval of the General Manager through a standard purchase order. Best judgement should be exercised by staff to obtain the lowest cost possible.
- C. Purchases of supplies, equipment, and non-professional services greater than \$10,000 and less than \$50,000, a minimum of two prices quotes will be obtained and the General Manager has authority to select and approve the vendor which meets the best interests of the Agency. (At the General Manager's discretion, any or all quotes presented may be rejected and additional quotations solicited)

- D. Purchases of equipment or contracted services in excess of \$50,000 and less than \$150,000 shall require an informal bidding process as defined in Section 8 of this policy. Advance approval is required by both the General Manager and the Board of Directors.
- E. Purchases of any kind greater than \$150,000 shall be subject to the formal, competitive bidding process as defined in Section 9 of this policy. Advance approval is required by both the General Manager and the Board of Directors.
- F. Procurement of construction contracts exceeding \$150,000 shall be competitively bid, except in the case that the General Manager executes the contract in response to an emergency.
- G. In some cases, due to compatibility, technical, and other reasons, COMB may be limited to a single, sole-source contractor or professional services provider. Where COMB intends to recommend a sole-source contract for approval, a written justification shall be provided, through the appropriate Committee, to the Board for consideration and approval.
- H. Dividing contracts into smaller, component contracts for the purpose of evading the provisions of this policy is prohibited. Contracts may only be divided to meet unique scheduling or other needs of a project such as the purchase of equipment with a long lead-time or to accommodate necessary time frames such as fiscal year budget constraints.
- I. Amendments increasing the purchase amount of a purchase order up to the authorized limit of \$50,000, in totality, require the authorization of the General Manager.
- J. Changes to contracts or purchase orders (under \$50,000 in totality) where the scope of work, completion date or dollar value is amended must be authorized by the General Manager and the party fulfilling the contract.
- K. Capital assets are land, buildings, related structures and systems, and other non-consumable equipment. Any capital asset expenditure in an amount of \$5,000 or more shall be capitalized and recorded to the appropriate capital asset account.

4. PROCUREMENT INSTRUMENTS

Four (4) procurement instruments are defined below and shall be utilized as follows: (1) Standard Purchase Orders, (2) Purchase Order Agreements (3) Professional Services Agreements, and (4) Project Contracts (Bid Contracts).

- A. **Standard Purchase Orders.** The standard Purchase Order is issued to procure office supplies, administrative supplies, equipment, and material items. Standard purchase orders are used for purchases greater than \$1,000 and up to but not exceeding \$10,000. Purchases shall be made from vendors offering the best value in price, support services, and delivery procedures.

Standard Purchase Orders shall not be used for consultant services, subcontracts, travel expense advances/reimbursements, routine monthly or periodic bills (e.g., rent, telephone, utilities, equipment leases, and maintenance agreements), minor recurring expenses (e.g., courier services), nor items paid from petty cash. Standard Purchase Orders shall clearly describe the items(s) being purchased, the estimated purchase amount, the purpose or intended use of the goods if purchased, and the account to be charged. Standard Purchase Orders shall be approved by both the applicable Division Manager and the General Manager prior to the order for supplies, materials, and/or equipment being administered.

- B. Purchase Order Agreements (POA) / Purchase Order Agreement – Construction Work (POAC).** Purchase Order Agreements constitute contracts for specialized services with consulting businesses, contractors or individuals. The Purchase Order Agreement specifies the scope of work, rate and terms of compensation, time period of performance, deliverables, and terms of the agreement. Purchase Order Agreements are typically used for purchases exceeding \$10,000. Two competitive proposals for consulting/contractor services must be obtained by the Division requesting the purchase, unless the necessary specialized expertise can be solely obtained from one business or individual. Any sole-source Purchase Order Agreement shall demonstrate the necessity for an exclusive agreement. Appropriate insurance documentation must also be obtained from the Consultant/Contractor prior to execution of the agreement. For procurement of specialized services exceeding \$50,000, prior authorization must be obtained from the Board of Directors.
- C. Professional Services Agreements (PSA).** A Professional Services Agreement (PSA) is an agreement between the agency and a professional service provider. Professional service providers are those entities that provide guidance, consultation, expert opinion, and/or technical expertise. Examples of professional service providers include accountants, architects, attorneys, designers, engineers, etc. Depending on the trade, these individuals may or may not hold professional licenses. Generally, Professional Services Agreements are agreements to procure consultant services for a scope of work within a fiscal year. Task Orders may be issued in conjunction with the Professional Services Agreements, and work is approved by the General Manager prior to implementation. Two competitive proposals shall be obtained, unless the specialized expertise necessary can solely be obtained from one business or individual. Any sole source Professional Services Agreement shall demonstrate the necessity for exclusivity. The General Manager is authorized to enter into Professional Services Agreements valued at less than \$50,000 without Board approval. Any Professional Services Agreements for an amount exceeding \$50,000 shall be approved by the Board. Before work commences or services are rendered, evidence of insurance, as required by the contract or service agreement, must be obtained, reviewed, and accepted by the Administrative Manager or the General Manager. Funding for all Professional Services Agreements shall be appropriated within the approved fiscal year budget
- D. Project Contracts (Bid Documents).** Project contracts within Bid Documents are contractual relationships for project-related services (Bid Documents). Project contracts shall be used when none of the other procurement instruments are appropriate and when the contract contains specific responsibilities for a major component of COMB's work. Generally, a project contract involves a dollar amount in excess of \$150,000 where each party is seeking terms and conditions that will protect both parties. The project contract should clearly describe the scope of work, the rate and terms of compensation, the period of performance, deliverables, and terms of the agreement. COMB's standard contract language shall generally be used in establishing project contracts. Procurement of contract services shall be competitively bid for an amount in excess of \$150,000.

The following tables summarize the controlling authority and requirements for the various levels of procurement:

Purchase of Supplies, Equipment, and Professional and Non-Professional Services

Amount	Procurement Instrument	Requirement	GM Approval	Board Approval
\$1,000 - \$10,000	Standard P.O.	Normally Two Quotations Obtained	Yes	No
\$10,000 - \$50,000	POA / POAC / PSA	Minimum of Two Quotations Required	Yes	No
\$50,000 - \$150,000	POA / POAC / PSA	Informal Bidding Process; Minimum of Two Quotations Required	Yes	Yes
> \$150,000	Project Contract	Competitive Public Bidding Process	Yes	Yes
Varies	NCB Contract	Sole Source Justification	Yes	Yes

5. RISK TRANSFER

In order to minimize the potential liability exposure of the Agency, contracts and agreements with vendors for contracted services shall include appropriate risk transfer clauses as recommended by COMB’s liability and workers compensation insurance carrier, including performance bonds as necessary. Such language shall include the following:

- A. **Hold Harmless Provision** - a contract provision whereby the other party assumes legal responsibility for losses,
- B. **Indemnification Clause** - a contract provision whereby the other party assumes financial responsibility for losses, and
- C. **Insurance Requirements** - contract provisions which support the hold harmless and indemnification provisions, whereby the other party guarantees financial responsibility for loss exposures assumed.

COMB’s standard Requests for Proposals, Bid Specifications, Purchase/Work Orders, Professional Service Agreements and Project Contracts shall contain appropriate hold harmless, indemnification, and insurance requirement language. The hold harmless and indemnification clauses should be written so as to take effect upon execution of the contract.

In addition to a signed agreement or contract, COMB staff will request a Certificate of Insurance with an Additional Insured Endorsement. Where possible, staff will also request copies of the declaration page and/or endorsement page listing all policy endorsements for the General Liability policies in order to identify “restricted coverage” policies and any limitations or exclusions that have been added to the policy.

In special circumstances where the suggested insurance requirements are not appropriate, a higher limit may be in order. The deviation from the recommended limits depends on additional risks (exposures) of the project. In order to determine appropriate insurance limits and the extent to which risk transfer is necessary, COMB staff will evaluate the size of the job and the exposure to loss.

COMB staff will also put into place an internal Contract Management System to ensure proper follow up with contract requirements. The system will include a method to track signed contracts, termination terms, as well as insurance certificate renewals and follow up.

6. COUNSEL REVIEW

All contracts and agreements are to be approved as to form by COMB's Counsel prior to their execution. Approval as to form means that the contract accurately embodies the agreement made between the parties concerning the duties that are subject of the contract. Approval as to form can occur either through prior legal counsel review of standardized agreement, a signature on the Contract as to form, or transmittal of the approval via mail or email.

COMB's standard Purchase Order Agreements, Professional Service Agreements and Project Contracts have been reviewed and approved by Counsel as to form. Any deviation from the standard language contained therein shall require consent by Counsel prior to the contract being executed.

7. CHANGE IN WORK

The change in work policy generally follows the "Greenbook – Standard Specifications for Public Works Construction, Section 3 – Changes in Work", typically used by public agencies. In case of conflict between the Standard Specifications and Contract Provisions, the Contract Provisions shall prevail. Projects under construction require the execution of a change order to modify the engineering design requirements and/or scope of work on construction which results in an adjustment to the Contract Amount or Contract Time (time of construction).

A proposed change order will be considered:

- A. For changes in work required by COMB.
- B. When essential design/work has been inadvertently omitted or understated.
- C. To correct errors in plans and/or specifications.
- D. To correct engineering designs when field or project conditions are exposed and found to differ from that represented in the plans and specifications.
- E. When weather or other unavoidable events cause construction delays and additional time is needed for completion of the work.

Change orders shall be submitted in writing to COMB's Project or Engineering Manager by the Contractor in advance of the proposed work being performed by the Contractor. The General Manager, or designee, is authorized to approve change orders up to 10% above the total contract amount previously approved by the Board, or up to \$200,000, whichever is less. The General Manager, or designee, may not approve a single change order greater than 25% of the total authorized change order amount for projects over \$100,000.

- A. Change orders shall be consistent with and administered in accordance with procedures outlined in the Contract Documents.
- B. Change orders shall be prepared by the Contractor and accepted by the Construction Manager, General Manager, or COMB Board only in writing.
- C. The Contractor shall submit completed change orders with all required supporting documents to the General Manager or his/her designee for review and approval.
- D. If the Contractor and the Construction Manager cannot agree on a change order, the conflict will be referred to the General Manager for formal negotiation or be referred to the COMB Board. If the Contractor appeals COMB's decision, the Contractor must follow the appeals process that is contained in the Contract Documents. The COMB Board will make the final decision on any appeal that comes before the Board.
- E. If the Contractor and COMB are unable to reach agreement on disputed work, COMB may direct the Contractor to proceed with the work. The amount of payment shall be

determined by the dispute resolution procedure that is contained in the Contract Documents. The Contractor shall keep, furnish and certify, under penalty of perjury, the accuracy of all records of all disputed work.

- F. The project budget shall be adjusted following approval of a change order.
- G. The General Manager shall report all approved change orders to the Board at regularly scheduled Board meetings.
- H. Proposed change orders that exceed the General Manager's change order authorization require approval in advance by the COMB Board, except under extraordinary conditions as described above.

Proposed change orders that exceed the General Manager's approval authority require COMB Board approval in advance, except under extraordinary conditions described in the following section.

Extraordinary Conditions

During a major construction project, it is conceivable that a condition could develop that would necessitate immediate action on the part of the Project Manager in order to keep the project on schedule, meet various permit requirements, or prevent a costly delay. If such a condition should develop, a thorough investigation and recommendation from the Contractor will be obtained. If an action or decision is considered necessary by the Project or Engineering Manager before the next scheduled COMB Board meeting, the General Manager shall request a special Board meeting to seek approval of a change order in excess of change order policy authorization. Under extraordinary conditions, if an immediate decision is needed, the General Manager shall review the change order request with the Board President and take prompt action on the change order based on the decision. The change order request would be presented for ratification to the Board of Directors at a special Board Meeting or the next regular Board meeting.

8. PROCUREMENT OF WORK, PROFESSIONAL AND NON-PROFESSIONAL SERVICES AGREEMENTS (INFORMAL BIDDING)

- A. The General Manager is authorized to contract for Work (defined as the formation, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement) Professional and Non-Professional services (defined as services that do not constitute Work) valued at \$50,000 or less without Board approval. Contracts for Work, Professional and Non-Professional services agreements valued at or above \$50,000 must be approved by the Board.
- B. Where practical, quotations/proposals shall be obtained from a minimum of two separate firms or entities, unless the General Manager, or his/her designee, deems otherwise. The qualifications, proposed service, approach, and schedule of reasonable fees and charges are to be considered during the vendor selection process. (At the General Manager's discretion, any or all quotes/proposals presented may be rejected and additional quotations solicited)
- C. Before work commences or services are rendered, evidence of insurance as required by the contract or service agreement, must be obtained, reviewed, and accepted by the Administrative Manager or the General Manager.
- D. Funding for all Work, Professional and Non-Professional Services Agreements shall be designated within the approved fiscal year budget.

- E. A complete file including the selected proposal and an executed Contract shall be filed with the Administrative Manager / CFO prior to the commencement of work. The summary documentation of the informal bidding process shall include:
- The number of providers contacted,
 - The name of each respondent,
 - The amount of each quotation received,
 - An explanation of material differences in quotations, if any,
 - An explanation of why the lowest responsible bid was not selected, if applicable.

9. COMPETITIVE BIDDING AND CONTRACTING

Under applicable authority and law, COMB is not required to use the competitive bidding process. However, in the interest of transparency, COMB has elected to follow the open and competitive procurement process.

The General Manager shall follow the procurement process set forth in this policy. Any special circumstance not covered in this policy shall be subject to approval by the Board of Directors. In addition, prior prequalification procedures may be utilized before initiating the formal bidding process.

- A. Contracts for work valued at \$150,000 or more shall be approved by the Board of Directors and subjected to the formal competitive bidding procedures, unless the Board of Directors determines that (i) an exemption exists, or (ii) such bidding is impractical.
- B. Per COMB's current policy, the General Manager, or designee, is authorized to approved change orders up to 10% above the total contract amount previously approved by the Board or up to \$200,000, whichever is less. Requests for expenditure authority exceeding either the 10% change order limitation or \$200,000 shall require prior approval of the Board of Directors.
- C. Contracts for emergency work in excess of \$50,000 may be approved by the General Manager. In the event of an emergency, the General Manager or his/her designee may make, without restrictions, any purchase(s) necessary to respond to the emergency. An "emergency" is defined as any occurrence or situation which is posing a real and immediate hazard to public health or safety. Any purchase of this type will be fully disclosed to the President of the Board immediately, and then at the next scheduled meeting of the Board of Directors and, if applicable, submitted to the Board for consideration of approval or ratification.

10. REQUESTS FOR QUALIFICATIONS (RFQ) / REQUESTS FOR PROPOSALS (RFP)

All aspects of a competitive bid process will be confidential and discussed only among authorized staff. All factors affecting the evaluation of a Request for Proposals (RFP) response shall be identified in a formal RFP. RFPs shall be written, using the standard COMB RFP template, to include objective standards which can be consistently applied to respondents, including but not limited to, prior experience, knowledge, capability, performance, location, and other relevant factors.

The RFP should include, but not be limited to the following:

- Request to submit a sealed bid a public opening on a specific date.
- Terms and conditions of the project.
- Services or goods to be provided.

- The proposed contract form and all required exhibits and amendments.
- Other relevant information, as may be deemed necessary and/or required by COMB.
- A signed non-collusion affidavit

Clear and demonstrated effort shall be made to solicit responses from at least three potential respondents. No firm shall be excluded from receiving an RFP package and submitting a proposal, unless a designated pre-qualification process has taken place.

The Contracting Manager shall create a memorandum of the RFP's distribution that documents the following information:

- Executive summary, describing the project scope.
- The estimated cost for the project (or project component that is the subject of the RFP).
- The firms selected to receive the RFP.

The Board of Directors will authorize the award of contracts made pursuant to the competitive bidding process.

COMB may disqualify any RFP respondent for any of the following grounds:

- A written notice of failure to perform was issued to the respondent on a contract previously awarded in the last five years.
- A contract termination notice or performance penalty imposed by the Agency on the respondent in the course of the execution of a previously awarded contract.
- Failure to meet the qualification standards outlined in the RFP.
- Failure to submit a proposal that is responsive to the requirements outlined in the RFP.
- A response that includes an unreasonably low bid which does not permit the General Manager to make a sound determination that the respondent can meet the performance standards outlined in the RFP.
- Response is inadequate to specific directions and requests contained in the RFP.

A notice of disqualification will be issued in writing to the respondent, signed by the General Manager. The notice will contain the facts and circumstances considered in making the determination to disqualify the respondent, and shall advise the respondent of their right, if any, to appeal the General Manager's determination to the Board of Directors.

If a low bidder is disqualified, the notice must indicate the respondent has five days to appeal the disqualification by filing a request in writing. If not appealed in a timely manner, the contract may be awarded to the next lowest bidder.

11. EXCEPTIONS TO THE PURCHASING REQUISITION PROCEDURE

A. EMERGENCY PROCUREMENT

For this purpose, "Emergency" means a sudden, unexpected, natural or manmade occurrence that poses a clear and imminent danger, requiring action to prevent or mitigate the loss or impairment of life, health, property or essential public services (including breakdown of vital machinery, conditions that would significantly interrupt

department functions). An emergency purchase includes any situation which makes competitive bidding impractical, not in the best interest of COMB, and/or poses a threat to public safety.

Emergency procurements shall be limited to those services, construction or items of personal tangible property necessary to meet the emergency.

Under an emergency situation and when an immediate decision is needed, the General Manager shall review the emergency procurement and notify the Board President of actions taken. The General Manager will then submit within 30 days a written determination of the basis for the emergency procurement to the full Board for ratification and that document shall be included in the procurement file.

The General Manager may request bids for emergency contract services and recommend up to three contractors for a particular service type (i.e. engineering, construction, etc.) for Board approval. Contracts shall be no longer than three years in term. Once approved, the General Manager may contract with any of the approved contractors for emergency repair services throughout the term of the contract.

B. PROCUREMENT FROM OTHER THAN LOWEST COST VENDOR

While it is the desire of the Board of Directors to purchase supplies and services at the least cost to the Agency, there may be instances when the award of a purchase to other than the lowest cost vendor produces greatest value and is in the best interest of COMB. Staff should strive to:

- maximize the value received,
- use sources which will be responsive to the needs and timeliness of COMB,
- seek commonality in major equipment to minimize inventory and training costs.

C. PROCUREMENT OF SOLE SOURCE WORK

“Sole Source Work” shall refer to any work which the Board determines can only be obtained from a single contractor or vendor, and for which competitive bidding is therefore impossible or not in the public interest, such that no competitive advantage can be gained by soliciting bids. When sole source contracting appears the appropriate procurement for the Agency, the General Manager or designee shall prepare a justification report to the Board, itemizing the reasons for a sole source contract. Upon review, the Board will make the final determination regarding a sole source procurement contract.

D. PETTY CASH

The basic premise for petty cash purchases is that it is less expensive and/or more convenient to pay for small, non-repetitive purchases with cash than with a check. The maximum petty cash expenditure is \$200.00; any request over \$200.00 must be approved by the General Manager or his/her designee.

E. AGENCY CREDIT CARD

The General Manager or designee may authorize certain employees to make purchases using an agency credit card. These purchases require establishing a purchase order, a copy of the invoice or receipt routed to the accounting department, and the purchase order's approval by the General Manager.

F. MISCELLANEOUS MEALS, MILEAGE AND OTHER EXPENSE REPORT

An employee may be required to use a private vehicle for COMB business. In such occurrence the employee must receive permission from the General Manager in advance. The employee must provide COMB with a copy of a current valid California driver's license and proof of insurance. COMB will reimburse the employee at the rate set forth by the IRS for business use of an automobile.

For meals, mileage and miscellaneous costs not directly attributable to conferences or training, such as travel to off-site meetings, should be recorded on a Travel Reimbursement Request form.

G. OPEN CHARGE ACCOUNT SYSTEM

Open Charge Accounts are established by the Administration Department and a vendor (i.e. local hardware / garden supply store). These accounts are designed to allow departments to purchase items on account by designated personnel.

When a purchase is made from an Open Charge Account vendor, the signed invoice or receiving slip, with an appropriate account number is submitted to the Accounts Payable department for processing. Purchases using the Open Charge Account are limited to \$1,000. Any purchase greater than \$1,000 requires a Purchase Order.

12. INTERNAL CONTROLS

The General Manager shall establish a system of internal controls that provide an audit trail for all purchases and provide transparency in the procurement process including the following controls:

- more than one person to be involved in each transaction, end-to-end,
- provide for prior approval of purchases with a purchase order,
- require certification of receipt of material, and
- result in reconciliation of the purchase order with the invoice and final payment.

13. REPORTING

The General Manager will submit to the Board, on a quarterly basis, an informational report of all contracts executed by the General Manager for that period. The summary report will contain the following information:

- Vendor Name
- Contract Description
- Date Executed
- Date Expires
- Contract Amount

14. CONFLICT AVOIDANCE

Goods or services shall not be procured from:

- members of the Board of Directors or COMB employees,
- vendors that are related to Board members or COMB employees,
- vendors in which Board members or employees have a financial interest.

15. DISPOSITION OF OBSOLETE/SURPLUS PROPERTY

The General Manager is authorized to dispose of Agency surplus equipment and machinery, once it appears that the equipment or machinery will not be required for future use and the salvage value

of each surplus equipment or machinery item does not exceed \$25,000. The surplus property shall be disposed of, in exchange for adequate and reasonable consideration. Surplus equipment and machinery with a salvage value exceeding \$25,000 shall be disposed of in a manner approved by the Board on a case-by-case basis.

THIS PAGE INTENTIONALLY LEFT BLANK



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.”

June 27, 2022

General Manager Report

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

Administration

- **ACWA JPIA Risk Assessment**

On June 14, 2022, Lee Patton, Senior Risk Management Advisor with ACWA/JPIA, conducted the annual risk assessment with COMB staff. The purpose of the annual risk assessment is to evaluate COMB's safety program (Worker's Compensation, Liability, and Property Programs) and communicate Cal/OSHA regulation changes; evaluate losses to assure that corrective action has been identified and achieved, and identify trends that might point to training needs; review work practice issues; and discuss safety training needs for specific areas where ACWA/JPIA can assist.

Mr. Patton provided an overview of ACWA JPIA's Commitment to Excellence Program, Risk Control and Risk Transfer Manual and Vector Solutions Online Training Program. Mr. Patton also reviewed COMB's Injury Illness Prevention Program, Heat Illness Prevention Program, Emergency Response Plan, Employment Practices, Workers Compensation and Liability Program experience modifications, and Property Program claim history. Overall, COMB continues to practice excellent safety measures and best practices in all of our programs.

Virtual Meetings

- **Santa Barbara County Integrated Regional Water Management Plan**

Proposition 1 - Round 2 IRWMP Implementation Grant Program

The California Department of Water Resources (DWR) is administering the Round 2 Integrated Regional Water Management (IRWM) Implementation Grant solicitation using funds authorized by the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1). DWR released the final guidelines and Proposal Solicitation Package (PSP) for Round 2 funding on May 17, 2022. Allocated funding for the Central Coast region for Round 2 is approximately \$3,590,610; \$3,028,224 for general implementation and \$563,386 for Disadvantaged Communities.

Open solicitation for local projects was held from January 17th to February 17, 2022. An IRWMP project review sub-committee has been formed. The sub-committee will develop a project ranking and scoring rubric for presentation and adoption at a future meeting. All submitted projects were presented during the IRWMP meeting held on June 21, 2022. COMB staff presented the Pumping Facility Project and showcased its regional attributes and necessity if dry conditions continue. The final project list must be adopted by the Cooperating Partners prior to preparation of the application. The first deadline for application is August 19, 2022 with announcement of awards scheduled in the fall.

Staff Professional Development

- **Operations Division Water Distribution Operator Certifications**

In 1998, the United States Environmental Protection Agency (USEPA) established guidelines for the certification and re-certification of operators of community public water systems. On January 1, 2001, new state regulations were adopted to comply with these guidelines and the existing water treatment operator certification program was modified accordingly. The new regulations also established a water distribution operator certification program. This program became the Drinking Water Operator Certification Program (DWOCP).

The DWOCP was originally under the Department of Health Services and then the California Department of Public Health. In 2014, the DWOCP was transferred to the State Water Resources Control Board (SWRCB) in the Division of Financial Assistance. The DWOCP is responsible for the testing and certification of approximately 35,000 water treatment and water distribution operators throughout the state of California.

During the past several months, COMB Operations Division personnel have enrolled in classes to complete their Distribution Operator III coursework. I am pleased to inform the Board that Mr. Justin Waller completed the coursework and passed the D3 exam for certification. COMB now has two (2) D3 certified operators and three (3) D2 certified operators on staff. Staff continues to pursue advanced certifications within the Operations Division.

Respectfully submitted,

Janet Gingras
General Manager

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: June 27, 2022
TO: Janet Gingras, General Manager
FROM: Joel Degner, Engineer/Operations Division Manager
RE: MONTHLY ENGINEERING REPORT

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

CLIMATE CONDITIONS AND WATER QUALITY

The rainfall to date is 64 percent of normal (as of June 13th, 2022). Most of Santa Barbara County continues to be classified in extreme drought. Only 3,898 acre-feet of inflow into Lake Cachuma has occurred through June 20th, 2022. The National Weather Climate Prediction Center forecasts the La Niña condition to continue through the Northern Hemisphere through the end of the year. The seasonal temperature outlook for July, August, and September is a 33% to 40% chance to be above normal.

WILDFIRE RISKS

Each year the LANDFIRE program updates its Fire Behavior Fuel Models based on a number of factors including the pre-disturbance existing vegetation cover/height and areas of change in disturbances and time since disturbance. Figure 1 provides the fuel behavior expected by the vegetation in the Lake Cachuma watershed ranked from low to very high spread rate and/or flame height. Wildfire risk is dependent on the fuel loads as well as the fuel moisture. Fuel moisture is measured by Santa Barbara County Fire Department twice a month. Current levels are at 72% and could reach critical threshold (60%) in the next month (Figure 1). High wildfire risk areas in the Lake Cachuma watershed currently exist in the northern slopes of the Santa Ynez Mountains and the southern slopes of the San Rafael Mountains.

WATER QUALITY

Lake Cachuma is currently at 706.58' (42.6% capacity, 82,196 acre-feet in storage as of June 20, 2022). Every month COMB staff takes a water quality profile at the Intake Tower and at the Hilton Creek Watering System Intake near Bradbury Dam. On the June 7th profile, the thermocline started at 675' elevation. The sill of the lowest active drafting gate (Gate 4) is at 678'. With the lowest operable drafting gate above the thermocline, COMB is only able to divert water from the warmer upper mixed zone of the lake. If Gate 5 was available (660'), the drafted water would be approximately 4 degrees Celsius cooler in June. Colder water is typically better for the water treatment processes. With the upcoming Secured Pipeline Project, Gate 5 will be activated allowing colder water to be diverted in the summer months when the lake is stratified.

SOUTH COAST CONDUIT RIGHT OF WAY SURVEY

Operations staff is currently conducting annual structure maintenance along the South Coast Conduit. Staff will also be surveying the right of way for authorized and unauthorized encroachments, vulnerable locations (areas where the pipeline is estimated to be shallow), as well as documenting large trees that are located on top of the pipeline. COMB staff continues to update and improve the Geographic Information System mapping of the South Coast Conduit based on potholing required by various construction projects along the alignment.

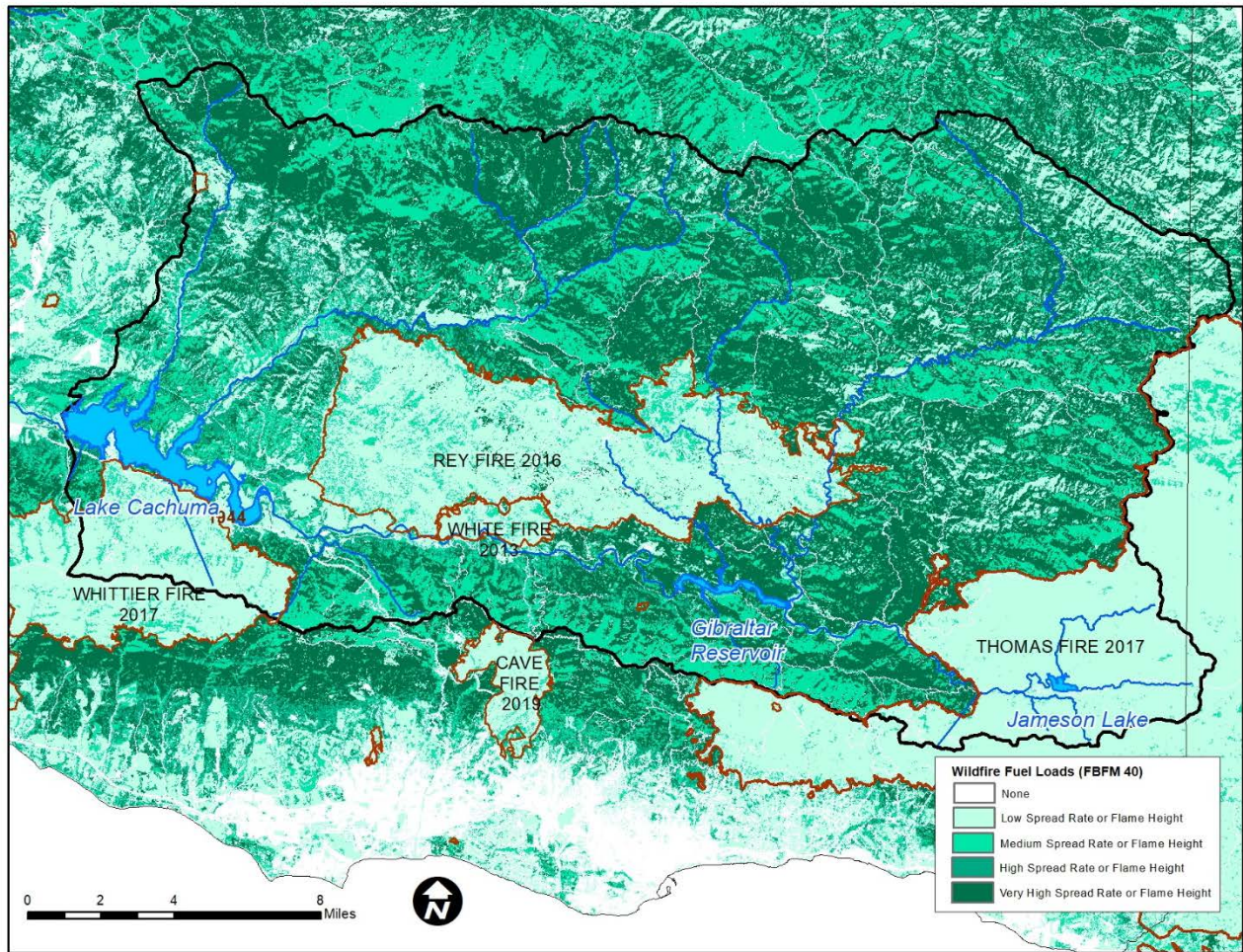


Figure 1. Lake Cachuma Watershed Estimated Wildfire Fuel Loads (based on LANDFIRE data)

Figure 2. Santa Barbara County Fire Department Fuel Moisture levels

LAKE ELEVATION PROJECTION

The lake elevation is below the upper limit for the Secured Pipeline (710') installation. Table 1 provides the modeling assumptions for three modeling scenarios (optimistic, realistic, and conservative). Figure 1 provides the lake elevation projection if dry conditions continue for the remainder of the water year and for water year 2022-23. Santa Ynez River Water Conservation District (Parent District) has provided a preliminary schedule for a downstream water rights release of 8,000 to 12,000 AF starting in August and continuing three to four months. This schedule is not yet finalized and is subject to change, including no release. In the conservative scenario the installation of the pumping facility would need to be installed in March 2023 and in the realistic scenario in June 2023. COMB closely tracks the imports-exports from the lake and requests imports-exports projections from its Member Agencies on a quarterly basis to assist with the projecting critical operations during drought conditions and recently received updated projection in May 2022.

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)	5,000 AF	10,000 AF	12,000 AF
WR 89-18 Release (2023)	10,000 AF	10,000 AF	10,000 AF

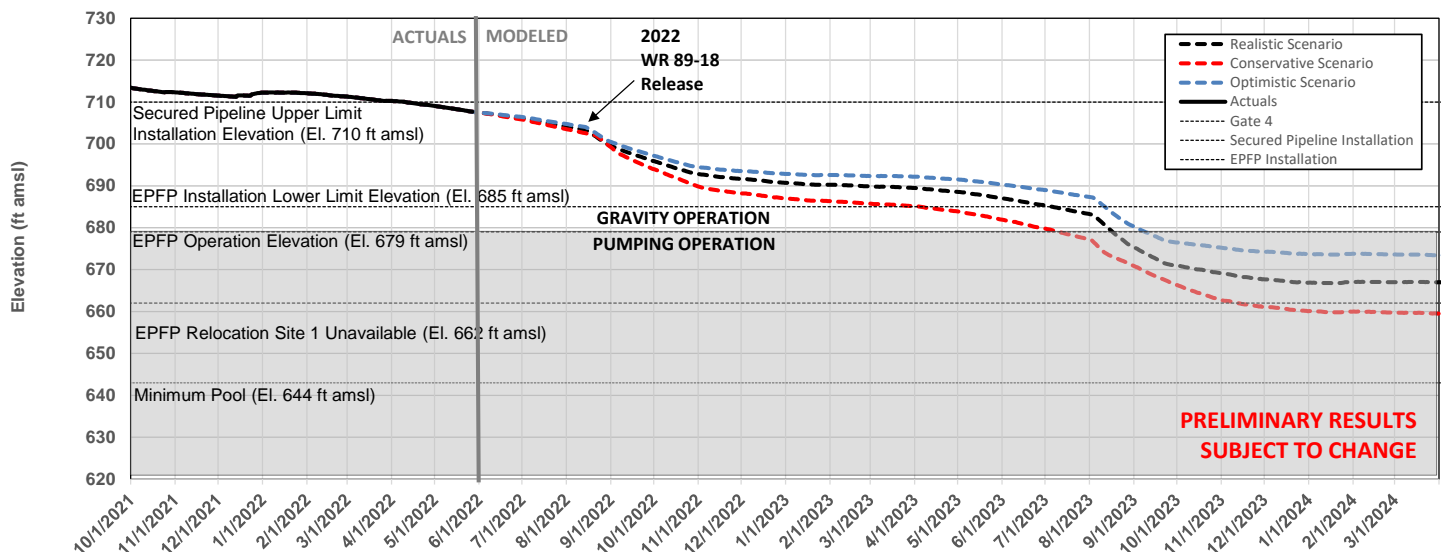


Figure 1. Projected Lake Cachuma Elevation assuming Continued Dry Conditions

INFRASTRUCTURE IMPROVEMENT PROJECTS

Table 1 provides a fiscal year end summary of the status of Fiscal Year 2021-22 projects. COMB has completed most of the work budgeted for Fiscal Year 2021-22. COMB SCADA server upgrade was completed in June. COMB is currently running both the new and old SCADA systems in parallel to test the new system prior to the fully cutover to the new server.

Table 1. Fiscal Year 2021-2022 Infrastructure Improvement Projects

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
Infrastructure Improvement Projects			
SCADA System	All PLCs except PLC 9 have been upgraded. SCADA main terminal and server has been upgraded and is running in parallel to the existing system prior to being cutover and the primary system.	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.	Server upgrade installed in parallel in June 2022. PL9 and server switchover tentatively planned for July 2022.
COMB Building and Ground Repair	The new reception/accounting was installed in early May and utilities connected. All of COMB's three modular offices are now replaced.	COMB modular offices will be replaced in-kind to limit complexity and challenges of construction.	Completed in May 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 started in June 2022 and planned for 5 laterals in June/July and 4 laterals in October/November during planned shutdowns. Materials shortages have delayed construction	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. Most the budget for this year has been reallocated in part for the Ortega outlet emergency repair.
Special Projects			
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 bids were received in 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 October 2022
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.

CACHUMA OPERATION AND MAINTENANCE BOARD

DATE: June 27, 2022
TO: Janet Gingras, General Manager
FROM: Shane King, Operations Supervisor
RE: **MONTHLY REPORT OF OPERATIONS – May 2022**

The total flow from Lake Cachuma into the Tecolote Tunnel for May was 2,238.3 acre-feet, for an average daily flow of 72.20 acre-feet. Lake elevation was 709.05 feet at the beginning of May and 707.51 feet at the end of May. Lake storage decreased by 2,837 acre-feet. There was 621.2 acre-feet of inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 52.19 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 56.2 acre-feet of water to Hilton Creek for the month of May.

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 4 communities.
- Operation and maintenance of the South Coast Conduit pipeline, which consist of 26.5 miles of pipeline with a combined 124 blow off and air vent structures, 43 turnout structures and 20 meters.
- Operation and maintenance of four regulating reservoirs.

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

Routine operation and maintenance completed during the month of May 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 79 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

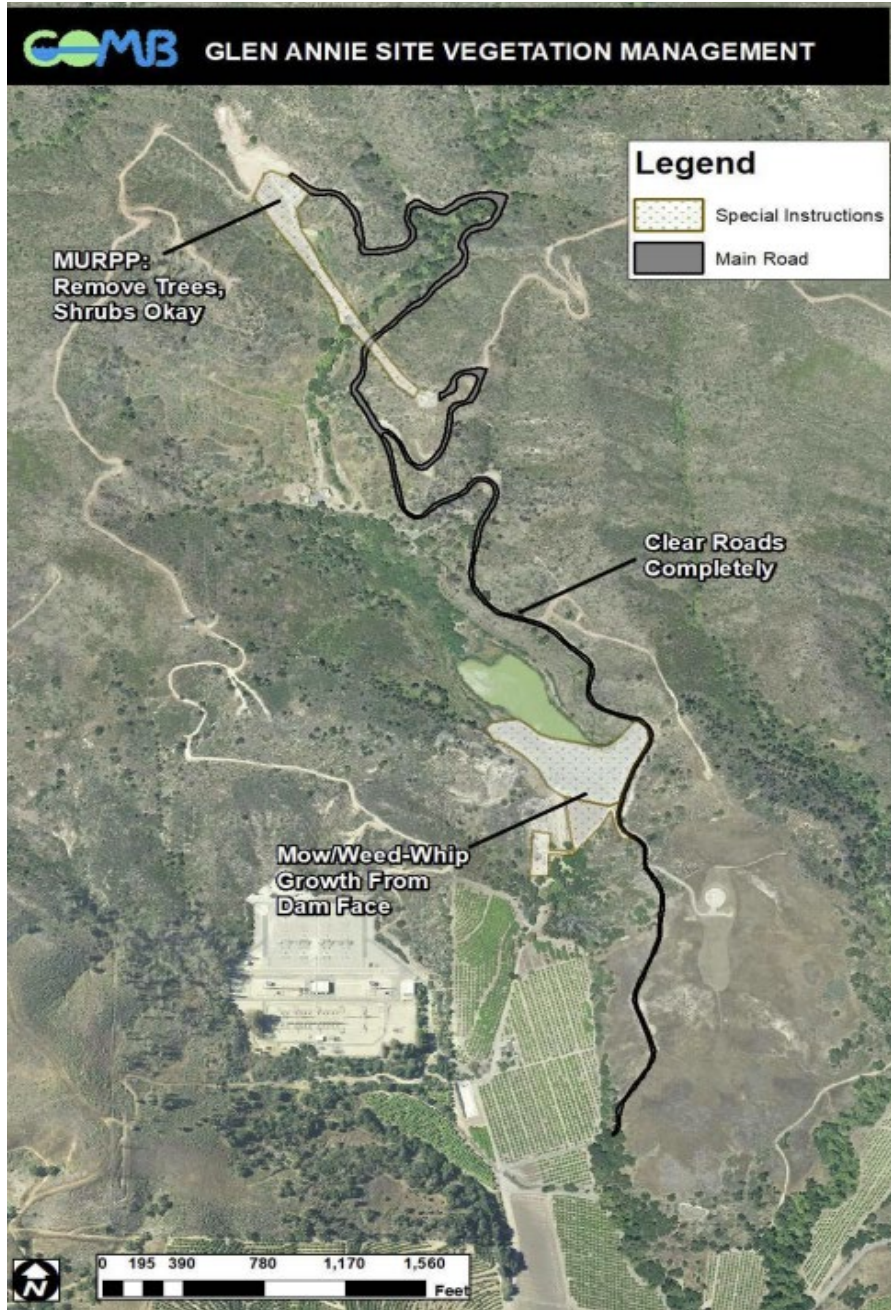
In addition regular activities described above, Operations staff performed the following:

- The intake tower slide gates were greased and exercised.
- COMB contracted RA Atmore to clear vegetation at Glen Anne reservoir and site. This work includes the removal of brush 10 feet along each side of the access road to the south portal and Glen Anne turnout sites. Also included in this work was the removal of brush from the upstream side, and the downstream side of the dam face. COMB staff was onsite to assist and keep fire watch. (see map)
- COMB contracted Aspect Engineering to upgrade and install a windows 10 work station, new Wonderware software, and new WIN-911 Dialer system software. This upgrade was needed as some components are no longer compatible with our windows 2003 software.
- COMB sold one of its fleet vehicles that is being replaced with a new one on the Public Surplus website. This site is an auction based platform where people can bid on the item you are selling. The auction for the 2007 Chevy Silverado that COMB listed closed at \$16,600.00
- COMB staff began its annual structure maintenance program. This work includes visiting each air vent, blow off, lateral, and meter structures and performing annual maintenance. Staff has visited ~35 structures this month. Work completed at these structures include:
 - Pump out any water that may have accumulated since last visit
 - Remove any debris/dirt
 - Re-paint confined space signage as needed
 - Re-paint station number as needed
 - Exercise valves and AVAR's
 - Clear any vegetation from around structure
 - Document any assets that may need replacement/repairs
- Tierra Contracting Inc. has started construction on the SCC lateral rehabilitation project. Staff has been onsite assisting and monitoring the project with assistance from Flowers and Associates Engineers. (see photos)
- Staff removed the temporary insertion style flow meter from station 729+60 structure in the Carpinteria section of the SCC. This meter was installed during the line valve project to monitor flow during construction of the new line valve. Staff will install this meter next to the existing flow meter at the Boundary meter site to monitor/compare flows of the original meter. COMB will hire Aspect Engineering to bring in data from the meter to the SCADA system at the COMB office for remote monitoring.

SCC lateral Rehabilitation project



Glen Anne vegetation removal map



CACHUMA OPERATION AND MAINTENANCE BOARD
BOARD MEMORANDUM

DATE: June 27, 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 0.91 cfs as of 6/23/22 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.

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

LSYR Steelhead Monitoring Elements:

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

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

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.

Snorkel surveys: Snorkel surveys for *O. mykiss* and non-native fish in the LSYS mainstem and tributaries are conducted two times a year (Spring and Fall). The Spring Snorkel Survey was started last month and will be completed by the middle of July. The results are presented in the annual monitoring report.

Monitoring Target Flows: Monitoring for the required 2000 BiOp and WR 2019-0148 target flows are conducted by USGS and USBR for Hilton Creek, and COMB-FD and USBR for the LSYS at the Hwy 154 Bridge. The minimum target flow of 2 cfs to Hilton Creek is not currently being met with HCEBS gravity flow to the URP and LRP, with a cumulative release rate of approximately 0.91 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 to meet target flows given the challenging factors and access barriers. COMB-FD continues to take weekly measurements as requested by USBR.

WR 89-18 Release Monitoring: BiOp required monitoring for the WR 89-18 releases (RPM 6) will be conducted as requested by USBR for the proposed 2022 WR 89-18 release that is estimated to start in mid-August. The draft Study Plan for RPM 6 has been submitted to USBR. WR 89-18 releases are conducted by the Santa Ynez River Water Conservation District in collaboration with USBR.

Tributary Project Updates:

All planned projects have been successfully completed.

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

HCWS and HCEBS: The HCWS and HCEBS are owned, operated, and maintained by USBR. The HCEBS was completed at the end of January 2016. USBR technical staff

continues to consider improvement options for the HCWS. Currently USBR is delivering water to Hilton Creek through the HCEBS by gravity flow to the URP and LRP.

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

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).

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage Supplementation			
WY2019	3,200	3,307	-107
WY2020	0	2,558	-2,558
Adaptive Management	500	149	351
Fish Rearing***	8,684	8,684	0
Unallocated Project Water		27,828	
Total:	9,184	42,526	-2,314
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 5/31/22.			
*** 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 Garelo and Shaun Bevan) – No work was performed during this time period on established SOW tasks.

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

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 27, 2022
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Janet Gingras

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

RECOMMENDATION:

For Board information only.

SUMMARY:

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since August, 2021 to the present (9/1/21 – 6/27/22, 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 September, 2021.

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

Maintenance

The spring of WY2022 was dry with only 0.25 inches of rainfall recorded at Bradbury Dam since the beginning of April. Watering teams have been focusing on our newest trees (Year 12, Year 13, and replacement trees) at the Santa Barbara County Park and at Storke Flats. Hand weeding is being conducted on all watered trees. Another round of watering is slated for the Year 11 trees in the County Park next month. At Live Oak Camp, Santa Barbara County Park staff placed logs in front of our newly planted trees (Year 13) and older trees to protect them during large events when the parking area is full and day users with large equestrian trailers (Exhibit 1). The effort is greatly appreciated.

Annual Inventory

The 2021 Annual Inventory of all year classes is nearing completion and should be finished soon. Currently staff is conducting QA/QC on the collected data and creating the summary tables and figures for the Annual Report both in showing the status of our planted trees and the annual financials. Any discrepancies found in the data during the QA/QC process will be checked and verified in the field.

LIST OF EXHIBITS:

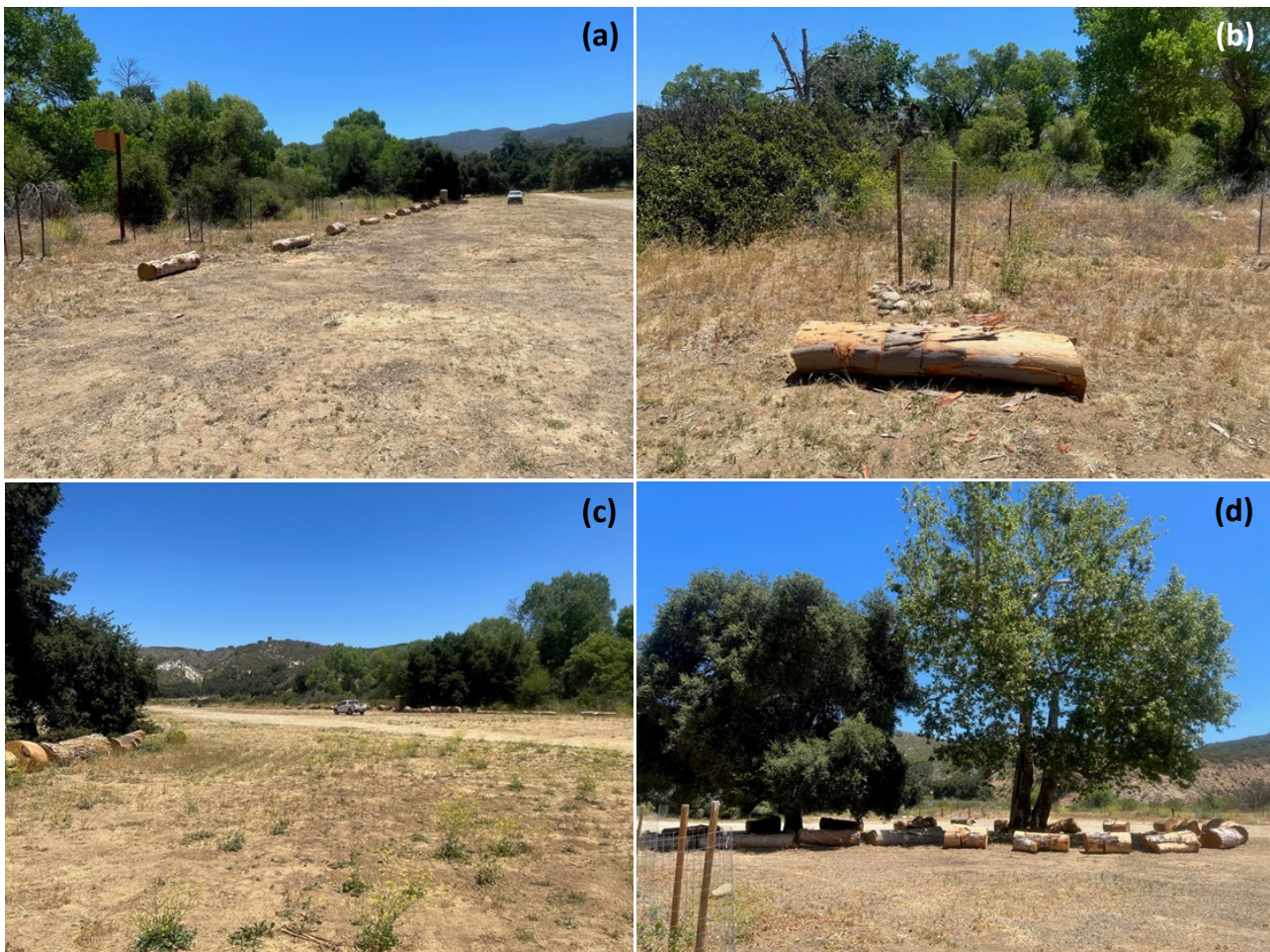


Exhibit 1: Logs placed by the County at Live Oak Camp in front of (a+b) Year 13 trees and (c+d) mature long-standing trees for protection from parked cars.

CACHUMA OPERATION AND MAINTENANCE BOARD
METERED USE REPORT FOR MAY 2022

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter - East		265.95	18+62	G. WEST	117.67
Boundary Meter - West		(0.04)	78+00	Corona Del Mar FILTER Plant	879.22
			122+20	STOW RANCH	0.48
				SWP CREDIT (Warren Act Contract)	(352.00)
				Raytheon (SWP) (Warren Act Contract)	0.00
				Morehart (SWP) (Warren Act Contract)	(10.00)
			TOTAL		635.37
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	56.64
			386+65	MWD YARD	17.29
			487+07	VALLEY CLUB	2.52
			499+65	E. VALLEY-ROMERO PUMP	230.30
			510+95	MWD PUMP (SWD)	16.05
			510+95	ORTEGA CONTROL	16.31
			526+43	ASEGRA RD	0.37
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.03
			599+27	TORO CANYON	7.57
				SWP CREDIT (Warren Act Contract)	0.00
				City of SB / MWD WSA ("Desal")	(117.38)
			TOTAL		229.71
			CITY OF SANTA BARBARA		
			CATER	INFLOW	1,411.20
			Gibraltar	PENSTOCK	(52.19)
			CATER	SO. FLOW	(809.01)
			Sheffield	SHEF.LIFT	171.14
				SWP CREDIT (Warren Act Contract)	(100.00)
				La Cumbre (SWP) (Warren Act Contract)	(92.04)
				City of SB / MWD WSA ("Desal")	117.38
			TOTAL		646.49
			SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1		
			COUNTY PARK, ETC		1.78
			TOTAL		1.78
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WATER DELIVERED TO LAKE		634.00
			STATE WATER TO SOUTH COAST including from stored		786.15
			METERED DIVERSION		1,547.14
SWP CREDIT (Warren Act Contract)		(232.11)			
TOTAL		33.80			
Note: Meter reads were taken on: 5/31/2022					

WATER YEAR 21-22 CACHUMA PROJECT ALLOCATION

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

(All in rounded Acre Feet)

CACHUMA PROJECT		
WATER PRODUCTION:	MONTH	WYTD
Cachuma Lake (Tec. Diversion)	2,317.5	12,461.9
Tecolote Tunnel Infiltration	80.3	606.7
Cachuma Lake (County Park)	1.8	10.8
Subtotal - Water Production	2,399.5	13,079.4
WATER DELIVERIES:		
State Water Diversion	786.1	4,174.7
Cachuma Diversion	1,547.1	8,822.1
Storage gain/(loss) ⁽²⁾	31.1	(7.7)
Subtotal - Water Deliveries	2,364.4	12,989.0
Total Water Production	2,399.5	13,079.4
Total Water Deliveries	2,364.4	12,989.0
Difference = Apparent Water Loss	35.1	90.4
% Apparent Water Loss	1.46%	0.69%

SCC APPARENT WATER LOSS ALLOCATION (AWL) ⁽³⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
<u>CURRENT MONTH CHARGE / (ADJUSTMENT)</u>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total Current Month	0.0	0.0	0.0	0.0	0.0
<u>WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)</u>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total AWL Charged (WYTD)	0.0	0.0	0.0	0.0	0.0
Total AWL Not Charged (WYTD)					90.4
Total AWL Incurred (WYTD)					90.4

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
<u>CURRENT MONTH</u>						
Water Usage						
M&I	472.6	646.5	210.3	15.1	1.8	1,346.2
Agricultural	162.8	0.0	19.4	18.7	N/A	200.9
Subtotal Project Water Use	635.4	646.5	229.7	33.8	1.8	1,547.1
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	64.2	262.6	28.0	32.7	36.8	424.4
Total Project Water Charge	699.6	909.1	257.7	66.5	38.6	1,971.6
<u>WATER YEAR-TO-DATE</u>						
Water Usage						
M&I	2,700.4	4,012.0	1,196.8	15.1	10.8	7,935.2
Agricultural	768.2	0.0	100.0	18.7	N/A	886.9
Subtotal Project Water Use	3,468.7	4,012.0	1,296.8	33.8	10.8	8,822.1
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	309.3	1,044.4	126.9	121.4	136.2	1,738.1
Total Project Water Charge (*)	3,777.9	5,056.3	1,423.7	155.2	147.1	10,560.2

(*) 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 MAY 2022 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾

(All in rounded Acre Feet)

CACHUMA PROJECT WATER BALANCE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
Project Water Carryover - 10/1/2021	7,321.6	20,525.9	2,994.6	2,103.3	2,361.5	35,307.0
Transfers/Adjustment	0.0	0.0	0.0	0.0	0.0	0.0
(-) Project Water Charge (WYTD)	3,777.9	5,056.3	1,423.7	155.2	147.1	10,560.2
Balance Carryover Water	3,543.7	15,469.6	1,570.9	1,948.2	2,214.5	24,746.8
Current Year Allocation ⁽⁵⁾	6,525.0	5,794.0	1,856.0	1,969.0	1,856.0	18,000.0
(-) Balance of Project Water Charge (WYTD)	0.0	0.0	0.0	0.0	0.0	0.0
Net Allocation Available Before Adjustments	6,525.0	5,794.0	1,856.0	1,969.0	1,856.0	18,000.0
<u>Adjustments to Net Allocation (WYTD)</u>						
Carryover Balances Spilled	0.0	0.0	0.0	0.0	0.0	0.0
Surplus	0.0	0.0	0.0	0.0	0.0	0.0
State Water Exchange ⁽⁶⁾	61.0	41.0	0.0	27.0	(129.0)	0.0
Transfers/Adjustment - SB/La Cumbre	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Bishop Ranch ⁽⁷⁾	100.0	0.0	0.0	0.0	0.0	100.0
Transfers/Adjustment - Juncal Transfer	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/SB Overlap	0.0	0.0	0.0	0.0	0.0	0.0
Balance Current Year Allocation	6,686.0	5,835.0	1,856.0	1,996.0	1,727.0	18,100.0
Total Cachuma Project Water Available	10,229.7	21,304.6	3,426.9	3,944.2	3,941.5	42,846.8

Footnotes

- (1) Water Year = October 1 through September 30; WYTD = Water Year to Date
- (2) Includes Lauro and Ortega Reservoirs only
- (3) Based on correspondence from Michael Jackson, dated 09/15/17, which revised the approach to the assessment for unaccounted for water loss based on lake conditions
- (4) Per USBR, evaporation is applied to Cachuma Carryover and SWP water through standard contract formula effective April 1, 2017
- (5) Per 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 May 2022.
- (7) Transfer per Contract for Exchange Water with Thomas B. Bishop Company and GWD (100 AF)
- (8) Memo only - State Water Deliveries to Lake Cachuma for May was 634 AF.
- (9) Memo only - MWD has received 586.90 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: **MAY 2022**

GLEN ANNIE RESERVOIR ⁽¹⁾

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

LAURO RESERVOIR

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	544.7	Feet
Water in Storage	421.80	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	447.3	Feet
Water in Storage	20.47	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	374.7	Feet
Water in Storage	22.85	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	465.12	AF
	27.62	AF

CACHUMA RESERVOIR

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

Stage of Reservoir Elevation	707.51	Feet
Water in Storage	84,738	AF
Surface Area	1,755	Acres
Evaporation	1,011.3	AF
Inflow	414.4	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	56.2	AF
Outlet	565.0	AF
Spill/Seismic Release	0	AF
State Water Project Water	621.2	AF
Change in Storage	-2,837	AF
Tecolote Diversion	2,238.3	AF

Rainfall:	Month: 0.00	Season: 13.10	Percent of Normal: 67%
------------------	--------------------	----------------------	-------------------------------

(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 5/31/2022

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

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
412.3	130.2	542.4	62.9	542.4	605.3	456.3	149.0	-
376.0	97.0	472.9	28.3	472.9	501.2	395.7	105.6	-
111.7	26.5	138.2	12.3	138.2	150.5	120.2	30.4	-
88.8	7.9	96.7	16.2	96.7	112.9	99.9	13.0	-
321.1	82.4	403.5	31.5	403.5	435.0	342.6	92.4	-
489.4	146.2	635.5	41.1	635.5	676.6	517.0	159.6	-
428.6	115.3	543.9	52.8	543.9	596.8	463.5	133.2	-
472.6	162.8	635.4	64.2	635.4	699.6	514.0	185.6	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2,700.4	768.2	3,468.7	309.3	3,468.7	3,777.9	2,909.2	868.8	-

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

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	7,321.6	5,130.0	2,191.7	5,073.5	1,451.5	6,525.0
ID#1 Exch (+61AF)	-	-	-	40.9	20.1	61.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
Bishop Ranch Exch (+100AF)	-	-	-	100.0	-	100.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

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

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
	6,716.3	4,673.6	2,042.7	5,114.4	1,471.6	6,586.0
	6,215.1	4,278.0	1,937.1	5,114.4	1,471.6	6,586.0
	6,064.6	4,157.8	1,906.8	5,114.4	1,471.6	6,586.0
	5,951.7	4,057.9	1,893.8	5,114.4	1,471.6	6,586.0
	5,516.7	3,715.3	1,801.3	5,114.4	1,471.6	6,586.0
	4,840.1	3,198.3	1,641.8	5,114.4	1,471.6	6,586.0
	4,243.3	2,734.8	1,508.5	5,214.4	1,471.6	6,686.0
	3,543.7	2,220.8	1,322.9	5,214.4	1,471.6	6,686.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 10,229.7

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 5/31/2022

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

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	-----	M & I	-----	Total
639.1	-	639.1	180.2	639.1	819.3	819.3	-	-	-	-
517.5	-	517.5	84.9	517.5	602.4	602.4	-	-	-	-
379.4	-	379.4	38.0	379.4	417.4	417.4	-	-	-	-
430.9	-	430.9	49.6	430.9	480.5	480.5	-	-	-	-
540.2	-	540.2	98.2	540.2	638.4	638.4	-	-	-	-
474.6	-	474.6	136.9	474.6	611.5	611.5	-	-	-	-
383.8	-	383.8	193.9	383.8	577.7	577.7	-	-	-	-
646.5	-	646.5	262.6	646.5	909.1	909.1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
4,012.0	-	4,012.0	1,044.4	4,012.0	5,056.3	5,056.3	-	-	-	-

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

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
Allocation			Allocation			
	Total	M & I	-----	M & I	-----	Total
Begin Bal	20,525.9	20,525.9	-	5,794.0	-	5,794.0
ID#1 Exch (+41AF)	-	-	-	41.0	-	41.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

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

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
Allocation			Allocation			
	Total	M & I	-----	M & I	-----	Total
	19,706.7	19,706.7	-	5,835.0	-	5,835.0
	19,104.3	19,104.3	-	5,835.0	-	5,835.0
	18,686.9	18,686.9	-	5,835.0	-	5,835.0
	18,206.4	18,206.4	-	5,835.0	-	5,835.0
	17,568.0	17,568.0	-	5,835.0	-	5,835.0
	16,956.4	16,956.4	-	5,835.0	-	5,835.0
	16,378.7	16,378.7	-	5,835.0	-	5,835.0
	15,469.6	15,469.6	-	5,835.0	-	5,835.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 21,304.6

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

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

Contract Entity: **Montecito Water District**
 Update by COMB 5/31/2022

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

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	M & I	Agr	Total
237.2	20.0	257.2	25.6	257.2	282.8	255.1	27.6	-	-	-
211.0	15.9	226.9	11.3	226.9	238.2	218.7	19.5	-	-	-
106.2	7.4	113.6	4.9	113.6	118.5	109.4	9.1	-	-	-
35.8	1.0	36.8	6.3	36.8	43.1	39.8	3.3	-	-	-
133.8	12.8	146.6	12.3	146.6	158.9	141.6	17.3	-	-	-
143.0	14.5	157.5	16.4	157.5	173.9	153.2	20.7	-	-	-
119.5	9.0	128.5	22.2	128.5	150.6	132.7	17.9	-	-	-
210.3	19.4	229.7	28.0	229.7	257.7	226.3	31.4	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
1,196.8	100.0	1,296.8	126.9	1,296.8	1,423.7	1,276.8	146.9	-	-	-

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

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	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	-	-	-	-	-	-

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

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

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,426.9

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 5/31/2022

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

TOTAL WATER USED				WATER USE CHARGED			WATER USE CHARGED			
Acre-feet				Allocation			Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	M & I	Agr	Total
-	-	-	18.8	-	18.8	9.7	9.1	-	-	-
-	-	-	9.1	-	9.1	4.8	4.3	-	-	-
-	-	-	4.2	-	4.2	2.1	2.1	-	-	-
-	-	-	5.6	-	5.6	3.5	2.0	-	-	-
-	-	-	11.3	-	11.3	5.3	6.0	-	-	-
-	-	-	16.2	-	16.2	7.2	9.0	-	-	-
-	-	-	23.6	-	23.6	11.4	12.2	-	-	-
15.1	18.7	33.8	32.7	33.8	66.5	32.0	34.5	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
15.1	18.7	33.8	121.4	33.8	155.2	76.0	79.2	-	-	-

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

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		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	-	-	-	-	-	-

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

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

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,944.2

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 5/31/2022

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

TOTAL WATER USED				WATER USE CHARGED			WATER USE CHARGED			
Acre-feet				Allocation			Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	M & I	Agr	Total
1.4	-	1.4	21.1	1.4	22.4	3.7	18.8	-	-	-
1.3	-	1.3	10.2	1.3	11.5	2.4	9.1	-	-	-
1.1	-	1.1	4.7	1.1	5.8	1.6	4.2	-	-	-
0.7	-	0.7	6.2	0.7	6.9	1.4	5.6	-	-	-
1.2	-	1.2	12.7	1.2	13.9	2.5	11.3	-	-	-
1.5	-	1.5	18.2	1.5	19.6	3.4	16.3	-	-	-
1.9	-	1.9	26.4	1.9	28.2	4.6	23.6	-	-	-
1.8	-	1.8	36.8	1.8	38.6	5.6	33.0	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
10.8	-	10.8	136.2	10.8	147.1	25.2	121.8	-	-	-

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

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

SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	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	-	-	-	-	-	-

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

BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
County Parks Usage (AF)	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
1.4	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
1.9	2,253.1	234.9	2,018.2	878.6	848.4	1,727.0
1.8	2,214.5	229.3	1,985.2	878.6	848.4	1,727.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,941.5

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 5/31/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr	TOTAL WATER USED				WATER USE CHARGED			WATER USE CHARGED				
			Acre-feet				Allocation			Allocation				
			Use %	M & I	Agr	Total	Evap	Div	Total	M & I	Agr	M & I	Agr	Total
Oct	35,307.0	18,000.0	0.0	1,290.0	150.2	1,440.2	308.4	1,440.2	1,748.6	1,544.1	204.5	-	-	-
Nov	-	-	0.0	1,105.8	112.8	1,218.6	143.9	1,218.6	1,362.5	1,224.0	138.5	-	-	-
Dec	-	-	0.0	598.4	33.9	632.3	64.0	632.3	696.3	650.6	45.7	-	-	-
Jan	-	-	0.0	556.2	9.0	565.2	83.8	565.2	649.0	625.1	23.9	-	-	-
Feb	-	-	0.0	996.3	95.2	1,091.5	165.9	1,091.5	1,257.4	1,130.4	127.0	-	-	-
Mar	-	-	0.0	1,108.5	160.6	1,269.2	228.7	1,269.2	1,497.9	1,292.3	205.5	-	-	-
Apr	-	-	0.0	933.8	124.3	1,058.1	318.9	1,058.1	1,376.9	1,190.0	187.0	-	-	-
May	-	-	0.0	1,346.2	200.9	1,547.1	424.4	1,547.1	1,971.6	1,687.0	284.5	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	35,307.0	18,000.0	0.2	7,935.2	886.9	8,822.1	1,738.1	8,822.1	10,560.2	9,343.6	1,216.6	-	-	-

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

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	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	-	-	-	100.0	-	100.0
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	County Parks Usage (AF)	Allocation		Allocation		Total	
		M & I	Agr	M & I	Agr		
Oct	1.4	33,558.4	27,548.3	6,010.1	14,401.5	3,598.5	18,000.0
Nov	1.3	32,196.0	26,324.3	5,871.7	14,401.5	3,598.5	18,000.0
Dec	1.1	31,499.6	25,673.7	5,826.0	14,401.5	3,598.5	18,000.0
Jan	0.7	30,850.6	25,048.6	5,802.1	14,401.5	3,598.5	18,000.0
Feb	1.2	29,593.2	23,918.1	5,675.1	14,401.5	3,598.5	18,000.0
Mar	1.5	28,095.3	22,625.8	5,469.5	14,401.5	3,598.5	18,000.0
Apr	1.9	26,718.4	21,435.8	5,282.6	14,501.5	3,598.5	18,100.0
May	1.8	24,746.8	19,748.8	4,998.1	14,501.5	3,598.5	18,100.0
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **42,846.8**

CACHUMA DAILY OPERATIONS

Month & Year: June 2022
 Time of Observations: 0830 Evaporation Pan Factor: 82%

Day	Beginning Storage: 84,738			Surface Area	Rainfall	Evaporation			CCWA Inflow	Releases					Computed Inflow		
	Elevation	Storage	Change			Park Diversion	South Coast	Hilton Creek		WR 89-18	Outlet	Spillway					
	ft	acre-feet	acre-feet			acres	inches	acre-feet		inches	acre-feet	acre-feet	acre-feet	acre-feet		acre-feet	acre-feet
1	707.47	84,668	(70)	1,754	-		0.290	34.8		36.5		67.3	1.8	-	19.0	-	16.4
2	707.43	84,598	(70)	1,753	-		0.310	37.1		36.4		76.0	1.8	-	19.0	-	27.5
3	707.38	84,511	(87)	1,752	-		0.310	37.1		36.3		77.0	1.8	-	19.0	-	11.6
4	707.33	84,423	(88)	1,750	-		0.250	29.9		36.2		77.6	1.8	-	20.0	-	5.1
5	707.27	84,318	(105)	1,749	-		0.300	35.9		36.2		75.3	1.8	-	19.0	-	(9.2)
6	707.24	84,266	(52)	1,748	-		0.290	34.6		36.3		79.5	1.8	-	19.0	-	46.6
7	707.18	84,161	(105)	1,747	-		0.300	35.8		36.2		72.4	1.7	-	19.0	-	(12.3)
8	707.14	84,091	(70)	1,746	-		0.280	33.4		33.1		78.8	1.8	-	18.0	-	28.9
9	707.10	84,021	(70)	1,745	-		0.350	41.7		36.2		67.6	1.8	-	19.0	-	23.9
10	707.06	83,952	(69)	1,744	-		0.300	35.7		36.2		67.7	1.8	-	19.0	-	19.0
11	707.02	83,882	(70)	1,743	-		0.380	45.3		36.3		65.6	1.7	-	19.0	-	25.3
12	706.97	83,794	(88)	1,741	-		0.350	41.6		29.5		67.6	1.8	-	19.0	-	12.5
13	706.94	83,742	(52)	1,741	-		0.380	45.2		36.2		38.7	1.7	-	19.0	-	16.4
14	706.89	83,655	(87)	1,739	-		0.320	38.0		36.2		55.8	1.8	-	19.0	-	(8.6)
15	706.86	83,602	(53)	1,739	-		0.350	41.6		30.8		56.8	1.7	-	18.0	-	34.3
16	706.81	83,515	(87)	1,737	-		0.330	39.2		36.5		66.1	1.8	-	19.0	-	2.6
17	706.76	83,427	(88)	1,736	-		0.330	39.2		36.5		69.2	1.7	-	19.0	-	4.6
18	706.70	83,323	(104)	1,735	-		0.270	32.0		36.5		71.6	1.8	-	19.0	-	(16.1)
19	706.65	83,235	(88)	1,733	-		0.290	34.4		36.4		70.8	1.7	-	19.0	-	1.5
20	706.58	83,114	(121)	1,732	-		0.330	39.1		36.4		68.4	1.8	-	19.0	-	(29.1)
21	706.55	83,062	(52)	1,731	-		0.330	39.0		36.3		70.1	1.7	-	19.0	-	41.5
22	706.51	82,993	(69)	1,730	-		0.400	47.3		36.3		70.1	1.7	-	19.0	-	32.8
23	706.46	82,907	(86)	1,729	-		0.380	44.9		36.3		70.5	1.7	-	19.0	-	13.8
24																	
25																	
26																	
27																	
28																	
29																	
30																	
TOTALS			-1831		-	-	7.420	882.7	-	819.8	-	1,580.5	40.5	-	436.0	-	288.9

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: May 2022**



Cachuma Lake Recreation Area Launch Data -- May 2022		
Inspection Data		
Total Vessels Entering Park	735	
Total Vessels Launched	711	
Total Vessels Quarantined	24	
Returning (Tagged) Boats Launched	581	82%
Kayak/Canoe: Inspected, launched	130	18%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Quarantine Data		
Total Vessels Quarantined	24	
Quarantined 14 days	*	
Quarantined 30 days	24	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	6	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	24	
Demographic Data		
Quarantined from infected county	6	
Quarantined from SB County	16	
Quarantined from uninfected co	2	

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

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

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

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

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

Inspection Date and Time: 2022.05.26; 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, Kristin Loft).

Lake elevation: Max feet: 753.00, current 708.06; Max acre-feet: 192,978, current: 84,711;

Current capacity: 43.9%