



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

**Monday, December 19, 2022
1:00 P.M.**

BY TELECONFERENCE

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

HOW TO OBSERVE THE MEETING

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

Join via Video Conference

<https://us02web.zoom.us/j/81867892892?pwd=VEZFRHF3Y08yYU5xbGE0UmlkU3FMQT09>

Passcode: 093096

Join via Teleconference

US: +1 669 900 6833 Webinar ID: 818 6789 2892 Passcode: 093096

HOW TO MAKE A PUBLIC COMMENT

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

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

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

AMERICANS WITH DISABILITIES ACT

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

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

Monday, December 19, 2022

1:00 PM

AGENDA

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

- 1. CALL TO ORDER, ROLL CALL**
- 2. PUBLIC COMMENT** *(Public may address the Board on any subject matter within the Board's jurisdiction. See "Notice to the Public" below.)*
- 3. CONSENT AGENDA** *(All items on the Consent Agenda are considered to be routine and will be approved or rejected in a single motion. Any item placed on the Consent Agenda may be removed and placed on the Regular Agenda for discussion and possible action upon the request of any Board Member.)*
Action: Recommend Approval of Consent Agenda by motion and roll call vote of the Board:
 - a. Minutes of November 14, 2022 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Review of Paid Claims
- 4. RESOLUTION NO. 771 – CONFIRMATION OF LOCAL EMERGENCY - ACKNOWLEDGEMENT OF GOVERNOR NEWSOM'S DECLARED STATE OF EMERGENCY (HEALTH AND SAFETY)**
Action: Recommend adoption by motion and roll call vote of the Board
- 5. VERBAL REPORTS FROM BOARD COMMITTEES**
Receive verbal information regarding the following committee meetings:
 - Administrative Committee Meeting – December 8, 2022
 - Fisheries Committee Meeting – December 12, 2022
- 6. TOTAL COMPENSATION SYSTEMS, INC. PRESENTATION OF OTHER POST-EMPLOYMENT BENEFITS (OPEB) ACTUARIAL REPORT AS OF JUNE 30, 2022**
Action: Receive and file the COMB OPEB Actuarial Report for Fiscal Year-End June 30, 2022
- 7. BARTLETT, PRINGLE WOLF, LLP PRESENTATION OF ANNUAL COMPREHENSIVE FINANCIAL REPORT (ACFR) – FISCAL YEAR ENDING JUNE 30, 2022**
Action: Receive and file the COMB Fiscal Year 2021-22 Annual Comprehensive Financial Report

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8. **CALIFORNIA STATE CONTROLLER REPORT FOR FISCAL YEAR ENDING JUNE 30, 2022**
Action: Receive and file the California State Controller Report submitted to the California State Controller's Office for Fiscal Year Ending June 30, 2022
9. **UNEXPENDED FUNDS – FISCAL YEAR ENDING JUNE 30, 2022**
Action: Recommend approval by motion and roll call vote of the Board
10. **CACHUMA PROJECT WARREN ACT TRUST FUND / RENEWAL FUND 2022-23 ANNUAL AND LONG TERM PLAN; SANTA BARBARA COUNTY BETTERMENT FUND USE OF FUNDS**
Action: Receive and file the Annual and Long Term Plan (once approved by the Funds Committee) and recommend approval of related expenditures by motion and roll call vote of the Board
11. **LAKE CACHUMA EMERGENCY PUMPING FACILITY SECURED PIPELINE PROJECT – STATUS REPORT**
Action: Receive and file a status report on the Lake Cachuma Emergency Pumping Facility Secured Pipeline Project
12. **GENERAL MANAGER REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
 - Administration
13. **ENGINEER'S REPORT**
Receive verbal information from the COMB Engineer, including but not limited to the following:
 - Climate Conditions
 - Lake Elevation Projections
 - Infrastructure Improvement Projects
14. **OPERATIONS DIVISION REPORT**
Receive verbal information regarding the Operations Division, including but not limited to the following:
 - Lake Cachuma Operations
 - Operation and Maintenance Activities
15. **FISHERIES DIVISION REPORT**
Receive information from the Fisheries Division Manager, including, but not limited to the following:
 - LSYP Steelhead Monitoring Elements
 - Tributary Project Updates
 - Surcharge Water Accounting
 - Reporting/Outreach/Training
16. **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

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17. 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

18. CALENDAR YEAR 2023 COMB REGULAR BOARD MEETING SCHEDULE

Receive information regarding the time and place for the 2023 COMB Regular Board meetings

19. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

20. [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)]
Name of matter: *Stephen Timothy Buynak, Jr. and Gloria Ann Buynak, as Trustees of the Buynak 1991 Family Revocable Trust v. United States Department of the Interior, et al.*, Case No. 2:22-cv-07271 – Complaint For Injunctive and Declaratory Relief to Enforce Plaintiffs' Riparian Water Rights
- c. Potential Litigation: Conference with Legal Counsel

21. RECONVENE INTO OPEN SESSION

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

- 20a. 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
- 20b. [Government Code Section 54956.9(d)(1)]
Name of matter: *Stephen Timothy Buynak, Jr. and Gloria Ann Buynak, as Trustees of the Buynak 1991 Family Revocable Trust v. United States Department of the Interior, et al.*, Case No. 2:22-cv-07271 – Complaint For Injunctive and Declaratory Relief to Enforce Plaintiffs' Riparian Water Rights
- 20c. Potential Litigation: Conference with Legal Counsel

22. MEETING SCHEDULE

- **Regular Board Meeting – January 23, 2022 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

23. 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.

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

**Monday, November 14, 2022
1:00 PM**

MINUTES

1. CALL TO ORDER, ROLL CALL

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

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

Directors Present:

Polly Holcombe, Carpinteria Valley Water District

Kristen Sneddon, City of Santa Barbara*

Lauren Hanson, Goleta Water District

Cori Hayman, Montecito Water District

*Director Sneddon joined the meeting later

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

Timothy Robinson, Fisheries Division Manager

Dorothy Turner, Administrative Assistant

Others Present:

Joshua Haggmark, City of Santa Barbara

Matthew Scudato, COSB Water Agency

Catherine Taylor, City of Santa Barbara

Matt Young, COSB Water Agency

2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

- a. Minutes of October 24, 2022 Regular Board Meeting
- b. Investment of Funds
 - Financial Reports
 - Investment Reports
- c. Review of Paid Claims

Ms. Gingras presented the Consent Agenda items to the Board and called upon Mr. Lyons to discuss the financial reports. Mr. Lyons reviewed revenues received during October and drew attention to various disbursements of note, including payments made to Bartlett, Pringle & Wolf, LLP, Materials Testing, Inc., Cushman Contracting Corp, Storrer Environmental Services, ESRI and AWWA.

Director Hanson motioned to approve the Consent Agenda. Director Hayman seconded the motion which carried with a vote of four in favor and two absent.

Ayes: Hayman, Hanson, Holcombe

Nays:

Absent: Sneddon

Abstain:

4. RESOLUTION NO. 769 – CONFIRMATION OF LOCAL EMERGENCY - RATIFICATION OF GOVERNOR NEWSOM’S DECLARED STATE OF EMERGENCY (HEALTH AND SAFETY)

Ms. Gingras presented the resolution to confirm the local emergency and ratify the Governor’s declared state of emergency. President Holcombe referred to previous discussions and acknowledged Board members positions. Director Hanson motioned to approve Resolution No. 769 as presented which was seconded by Director Sneddon. The motion carried with a vote of five in favor and one opposed.

Ayes: Sneddon, Hanson, Holcombe

Nays: Hayman

Absent:

Abstain:

5. RESOLUTION NO. 770 - RATIFICATION OF CONTRACT ADDENDUM FOR EMERGENCY REPAIRS

Ms. Gingras introduced the emergency blow off nozzle repair at Lauro and deferred to Mr. Degner for details. Mr. Degner described the location and conditions of the break, as well as the labor to repair, provided by Cushman Contracting and staff. Staff took advantage of the conduit shutdown to rehabilitate an adjacent comparable structure. Mr. Degner touched briefly on the repair of a slide gate actuator in the North Reach, a cooperative effort between COMB and Goleta Water District staff. He noted that staff is inspecting other structures for similar nozzle conditions. Mr. Degner fielded questions and comments from the Board.

Director Hayman motioned to ratify the contract addendum for the emergency repairs, followed by a second from Director Hanson. The motion passed with a unanimous vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

6. LAKE CACHUMA EMERGENCY PUMPING FACILITY SECURED PIPELINE PROJECT – STATUS REPORT

Mr. Degner provided a status update for the Emergency Pumping Facility Secured Pipeline project. He reviewed the expenditures to date and noted that the project is slightly ahead of schedule. The lake level

remains low enough to allow the contractor to sink the pipe and secure it to the bottom of the lake. Mr. Degner fielded questions and compliments from the Board.

7. GENERAL MANAGER REPORT

- Personnel
- Virtual Meetings

Ms. Gingras presented highlights from the General Manager report. She reported that staff had earned a D3 accreditation and completed Board Clerk training. As well, Ms. Gingras reported that the application for Round 2 funding for our IRWMP region was submitted to DWR and deemed complete and eligible. COMB's Emergency Pumping Facility project was one of three projects submitted for this funding opportunity. Staff also attended the Santa Barbara County OEM meeting which included presentations on SBCAG's Transportation Emergency Preparedness Plan and OEM's Continuity of Operations Plan.

8. ENGINEER'S REPORT

- Climate Conditions
- Lake Elevation Projections
- Emergency Repair
- Infrastructure Improvement Projects

Mr. Degner presented the Engineer's report. He reported total inches of rain received at Cachuma and Gibraltar lakes and referred to the update on lake elevation prepared by staff. Mr. Degner advised the Board that a special meeting may be upcoming in March to approve implementation of the pumping barge, barring a wet winter. Mr. Degner provided an update on the lateral work in the South Reach and advised that a shutdown in conjunction with that project is delayed potentially until February 2023. Finally, he presented the plan for the Ortega Reservoir Cleaning project in January 2023, a cooperative effort between COMB, Montecito Water District and Carpinteria Valley Water District.

9. OPERATIONS DIVISION REPORT

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. King presented the Operations report and noted that most of its contents had been discussed in other staff reports. He reiterated that staff is inspecting all blow off nozzles since the failure at Lauro. As well, Mr. King reported that structure maintenance is ongoing and currently active in the North Reach. He fielded comments from the Board.

10. FISHERIES DIVISION REPORT

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

Mr. Robinson reviewed the Fisheries Division report. He stated that target flows are being met at the designated locations. Mr. Robinson advised that snorkel surveys are complete and Beaver Dam surveys will soon commence. He reported that the lake turned over, which resulted in beneficial higher oxygen content water deliveries to the Hilton Creek fishery. As well, Mr. Robinson provided an operational

update on the Hilton Creek watering systems. The Highway 154 stream gauge functions well. Mr. Robinson fielded questions from the Board.

11. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

- Maintenance and Monitoring

Mr. Robinson presented the Oak Tree Report. He noted that irrigation and hand watering are ongoing. The arborist consultant trained staff on formative pruning to encourage healthy tree growth.

12. MONTHLY CACHUMA PROJECT REPORTS

- a. Cachuma Reservoir Current Conditions
- b. Lake Cachuma Quagga Survey

Ms. Gingras presented the Cachuma Project items. She noted that the Water Reports were unavailable for Board packet distribution. They will be included in the December meeting, as necessary.

13. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

There were no requests from members for future agenda items.

14. [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
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- c. Potential Litigation: Conference with Legal Counsel

The Board adjourned to Closed Session at 2:14 PM.

15. RECONVENE INTO OPEN SESSION

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

- 14a. 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
- 14b. Name of matter: *Stephen Timothy Buynak, Jr. and Gloria Ann Buynak, as Trustees of the Buynak 1991 Family Revocable Trust v. United States Department of the Interior, et al.*, Case No. 2:22-cv-07271 – Complaint For Injunctive and Declaratory Relief to Enforce Plaintiffs' Riparian Water Rights

14c. Potential Litigation: Conference with Legal Counsel

The board reconvened into Open Session at 2:57 PM. There was no reportable action for any of items 14a., 14b. or 14c.

16. MEETING SCHEDULE

- **December 19, 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 2:58 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

APPROVED:

Polly Holcombe, President of the Board

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

As of November 30, 2022
UNAUDITED

November 30, 2022

ASSETS

Current Assets

Checking/Savings

Trust Funds

1210 · Warren Act Trust Fund

\$ 360,259.72

1220 · Renewal Fund

55,285.20

Total Trust Funds

\$ 415,544.92

1050 · General Fund

391,364.35

1100 · Revolving Fund

351,999.96

Total Checking/Savings

1,158,909.23

Accounts Receivable

1301 · Accounts Receivable

1,570.00

Total Accounts Receivable

1,570.00

Other Current Assets

1010 · Petty Cash

500.00

1200 · LAIF

1,551,319.22

1303 · Bradbury SOD Act Assessments Receivable

220,819.00

1304 · Lauro Dam SOD Assessments Receivable

33,776.14

1305 · Accrued Interest Receivable

2,152.92

1400 · Prepaid Insurance

11,512.72

1900 · Deposits

5,868.34

Total Other Current Assets

1,825,948.34

Total Current Assets

2,986,427.57

Fixed Assets

1500 · Vehicles

514,898.60

1505 · Office Furniture & Equipment

258,022.85

1510 · Mobile Offices

424,910.38

1515 · Field Equipment

546,703.62

1525 · Paving

38,351.00

1530 · Construction in Progress

258,766.83

1550 · Accumulated Depreciation

(1,084,071.34)

Total Fixed Assets

957,581.94

Other Assets

1910 · ong LermT Bradbury SOD Act Assessments Receivable

3,836,553.07

1920 · Long Term Lauro SOD Act Assessments Receivable

705,536.76

1922 · Deferred Outflow of Resources (GASB 68)

479,670.00

1923 · Deferred Outflow (GASB 75)

761,719.00

Total Other Assets

5,783,478.83

TOTAL ASSETS

\$ 9,727,488.34

Cachuma Operation & Maintenance Board

Statement of Net Position

As of November 30, 2022

UNAUDITED

November 30, 2022

LIABILITIES & NET POSITION

Liabilities

Current Liabilities

Accounts Payable

2200 · Accounts Payable \$ 140,137.63

Total Accounts Payable **140,137.63**

Other Current Liabilities

2505 · Accrued Wages 26,770.37

2550 · Vacation/Sick 223,146.58

2561 · Bradbury Dam SOD Act 220,818.99

2563 · Lauro Dam SOD Act 33,776.14

2565 · Accrued Interest SOD Act 40,842.00

2590 · Deferred Revenue 415,544.92

2594 · Deferred Revenue - Assessments 599,085.52

2595 · Deferred Revenue - Oak Tree 2,690.43

Total Other Current Liabilities **1,562,674.95**

Total Current Liabilities **1,702,812.58**

Long Term Liabilities

2602 · Long Term SOD Act Liability-Bradbury 3,836,543.07

2603 · Long Term SOD Act Liability - Lauro 705,536.76

2604 · OPEB Long Term Liability 3,357,104.00

2610 · Net Pension Liability (GASB 68) 1,162,437.00

2611 · Deferred Inflow of Resources (GASB 68) 1,102,745.00

2612 · Deferred Inflow of Resources (GASB 75) 1,140,861.00

Total Long Term Liabilities **11,305,226.83**

Total Liabilities **13,008,039.41**

Net Position

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

3901 · Retained Net Assets 1,764,686.65

Net Surplus / Deficit **251,342.33**

Total Net Position **(3,280,551.07)**

TOTAL LIABILITIES & NET POSITION **\$ 9,727,488.34**

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

	Fisheries				Operations				TOTAL			
	Jul - Nov 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Nov 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Nov 22	Budget	\$ Over / (Under) Budget	% of Budget
Revenue												
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	\$ 452,637.00	\$ 1,153,196.00	\$ (700,559.00)	39.25%	\$ 2,661,828.00	\$ 4,951,331.00	\$ (2,289,503.00)	53.76%	\$ 3,114,465.00	\$ 6,104,527.00	\$ (2,990,062.00)	51.02%
3006 · Warren Act	0.00	118,293.00	-118,293.00	0.0%	0.00				0.00	118,293.00	-118,293.00	0.0%
3007 · Renewal Fund	0.00	155,723.00	-155,723.00	0.0%	0.00				0.00	155,723.00	-155,723.00	0.0%
3010 · Interest Income	0.00				8,757.89				8,757.89	0.00	8,757.89	100.0%
3020 · Misc Income	0.00				1,376.00				1,376.00	0.00	1,376.00	100.0%
3021 · Grant Income	0.00				442.00				442.00	0.00	442.00	100.0%
3035 · Cachuma Project Betterment Fund	0.00	90,000.00	-90,000.00	0.0%	0.00				0.00	90,000.00	-90,000.00	0.0%
3044 · DWR Drought Relief Grant	0.00				0.00	2,250,000.00	-2,250,000.00	0.0%	0.00	2,250,000.00	-2,250,000.00	0.0%
3045 · USBR WaterSmart Grant	0.00				743,950.00	750,000.00	-6,050.00	99.19%	743,950.00	750,000.00	-6,050.00	99.19%
3046 · CVWD Cooperative Agrmnt Funding	0.00				0.00	550,000.00	-550,000.00	0.0%	0.00	550,000.00	-550,000.00	0.0%
Total 3000 REVENUE	\$ 452,637.00	\$ 1,517,212.00	\$ (1,064,575.00)	29.83%	\$ 3,416,353.89	\$ 8,501,331.00	\$ (5,084,977.11)	40.19%	\$ 3,868,990.89	\$ 10,018,543.00	\$ (6,149,552.11)	38.62%
Expense												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 394,977.77	\$ 1,090,525.00	\$ (695,547.23)	36.22%	\$ 394,977.77	\$ 1,090,525.00	\$ (695,547.23)	36.22%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				15,306.58	40,000.00	-24,693.42	38.27%	15,306.58	40,000.00	-24,693.42	38.27%
3202 · Fixed Capital	0.00				3,500.80	150,000.00	-146,499.20	2.33%	3,500.80	150,000.00	-146,499.20	2.33%
3203 · Equipment Rental	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
3204 · Miscellaneous	0.00				832.69	10,000.00	-9,167.31	8.33%	832.69	10,000.00	-9,167.31	8.33%
Total 3200 VEH & EQUIPMENT	0.00				19,640.07	205,000.00	-185,359.93	9.58%	19,640.07	205,000.00	-185,359.93	9.58%
3300 · CONTRACT LABOR												
3301 · Conduit, Meter, Valve & Misc	0.00				4,160.48	20,000.00	-15,839.52	20.8%	4,160.48	20,000.00	-15,839.52	20.8%
3302 · Buildings & Roads	0.00				3,453.48	20,000.00	-16,546.52	17.27%	3,453.48	20,000.00	-16,546.52	17.27%
3303 · Reservoirs	0.00				4,533.73	60,000.00	-55,466.27	7.56%	4,533.73	60,000.00	-55,466.27	7.56%
3304 · Engineering, Misc Services	0.00				0.00	30,000.00	-30,000.00	0.0%	0.00	30,000.00	-30,000.00	0.0%
Total 3300 · CONTRACT LABOR	0.00				12,147.69	130,000.00	-117,852.31	9.34%	12,147.69	130,000.00	-117,852.31	9.34%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				21,611.25	65,000.00	-43,388.75	33.25%	21,611.25	65,000.00	-43,388.75	33.25%
3402 · Buildings & Roads	0.00				0.00	15,000.00	-15,000.00	0.0%	0.00	15,000.00	-15,000.00	0.0%
3403 · Reservoirs	0.00				12.45	5,000.00	-4,987.55	0.25%	12.45	5,000.00	-4,987.55	0.25%
Total 3400 · MATERIALS & SUPPLIES	0.00				21,623.70	85,000.00	-63,376.30	25.44%	21,623.70	85,000.00	-63,376.30	25.44%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				2,444.03	7,000.00	-4,555.97	34.92%	2,444.03	7,000.00	-4,555.97	34.92%
3502 · Uniforms	0.00				0.00	5,750.00	-5,750.00	0.0%	0.00	5,750.00	-5,750.00	0.0%
3503 · Communications	0.00				4,035.76	15,800.00	-11,764.24	25.54%	4,035.76	15,800.00	-11,764.24	25.54%
3504 · USA & Other Services	0.00				3,171.10	7,250.00	-4,078.90	43.74%	3,171.10	7,250.00	-4,078.90	43.74%
3505 · Miscellaneous	0.00				3,974.67	12,000.00	-8,025.33	33.12%	3,974.67	12,000.00	-8,025.33	33.12%
3506 · Training	0.00				1,726.93	3,000.00	-1,273.07	57.56%	1,726.93	3,000.00	-1,273.07	57.56%
Total 3500 · OTHER EXPENSES	0.00				15,352.49	50,800.00	-35,447.51	30.22%	15,352.49	50,800.00	-35,447.51	30.22%

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

	Fisheries				Operations				TOTAL			
	Jul - Nov 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Nov 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Nov 22	Budget	\$ Over / (Under) Budget	% of Budget
4100 · LABOR - FISHERIES	302,245.50	785,564.00	-483,318.50	38.48%	0.00				302,245.50	785,564.00	-483,318.50	38.48%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	11,330.81	30,000.00	-18,669.19	37.77%	0.00				11,330.81	30,000.00	-18,669.19	37.77%
4280 · Fixed Capital	0.00	90,000.00	-90,000.00	0.0%	0.00				0.00	90,000.00	-90,000.00	0.0%
4290 · Miscellaneous	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
Total 4200 · VEHICLES & EQUIP - FISHERIES	11,330.81	122,500.00	-111,169.19	9.25%	0.00				11,330.81	122,500.00	-111,169.19	9.25%
4220 · CONTRACT LABOR - FISHERIES												
4221 · Meters & Valves	0.00	3,000.00	-3,000.00	0.0%	0.00				0.00	3,000.00	-3,000.00	0.0%
4222 · Fish Projects Maintenance	0.00	11,100.00	-11,100.00	0.0%	0.00				0.00	11,100.00	-11,100.00	0.0%
Total 4220 · CONTRACT LABOR - FISHERIES	0.00	14,100.00	-14,100.00	0.0%	0.00				0.00	14,100.00	-14,100.00	0.0%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	1,820.14	7,000.00	-5,179.86	26.0%	0.00				1,820.14	7,000.00	-5,179.86	26.0%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	1,820.14	7,000.00	-5,179.86	26.0%	0.00				1,820.14	7,000.00	-5,179.86	26.0%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	360.17	5,000.00	-4,639.83	7.2%	0.00				360.17	5,000.00	-4,639.83	7.2%
Total 4500 · OTHER EXPENSES - FISHERIES	360.17	5,000.00	-4,639.83	7.2%	0.00				360.17	5,000.00	-4,639.83	7.2%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				2,156.70	12,400.00	-10,243.30	17.39%	2,156.70	12,400.00	-10,243.30	17.39%
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				18,881.09	75,000.00	-56,118.91	25.18%	18,881.09	75,000.00	-56,118.91	25.18%
5101 · Audit	0.00				10,548.53	22,750.00	-12,201.47	46.37%	10,548.53	22,750.00	-12,201.47	46.37%
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				38,021.94	33,326.00	4,695.94	114.09%	38,021.94	33,326.00	4,695.94	114.09%
5310 · Postage/Office Exp	0.00				2,879.09	6,000.00	-3,120.91	47.99%	2,879.09	6,000.00	-3,120.91	47.99%
5311 · Office Equip/Leases	0.00				2,991.32	13,440.00	-10,448.68	22.26%	2,991.32	13,440.00	-10,448.68	22.26%
5312 · Misc Admin Expenses	0.00				3,499.92	14,000.00	-10,500.08	25.0%	3,499.92	14,000.00	-10,500.08	25.0%
5313 · Communications	0.00				3,529.64	9,500.00	-5,970.36	37.15%	3,529.64	9,500.00	-5,970.36	37.15%
5314 · Utilities	0.00				3,072.61	9,737.00	-6,664.39	31.56%	3,072.61	9,737.00	-6,664.39	31.56%
5315 · Membership Dues	0.00				10,827.70	11,450.00	-622.30	94.57%	10,827.70	11,450.00	-622.30	94.57%
5316 · Admin Fixed Assets	0.00				1,989.29	8,000.00	-6,010.71	24.87%	1,989.29	8,000.00	-6,010.71	24.87%
5318 · Computer Consultant	0.00				7,509.62	25,000.00	-17,490.38	30.04%	7,509.62	25,000.00	-17,490.38	30.04%
5325 · Emp Training/Subscriptions	0.00				0.00	2,000.00	-2,000.00	0.0%	0.00	2,000.00	-2,000.00	0.0%
5330 · Admin Travel/Conferences	0.00				1,812.63	2,000.00	-187.37	90.63%	1,812.63	2,000.00	-187.37	90.63%
5331 · Public Information	0.00				780.00	3,500.00	-2,720.00	22.29%	780.00	3,500.00	-2,720.00	22.29%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				108,500.08	253,703.00	-145,202.92	42.77%	108,500.08	253,703.00	-145,202.92	42.77%
5299 · ADMIN LABOR	0.00				234,352.23	631,303.00	-396,950.77	37.12%	234,352.23	631,303.00	-396,950.77	37.12%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	2,346.00	25,000.00	-22,654.00	9.38%	0.00				2,346.00	25,000.00	-22,654.00	9.38%
5410 · Postage / Office Supplies	1,541.17	4,000.00	-2,458.83	38.53%	0.00				1,541.17	4,000.00	-2,458.83	38.53%
5411 · Office Equipment / Leases	1,538.70	8,533.00	-6,994.30	18.03%	0.00				1,538.70	8,533.00	-6,994.30	18.03%
5412 · Misc. Admin Expense	1,884.58	7,500.00	-5,615.42	25.13%	0.00				1,884.58	7,500.00	-5,615.42	25.13%
5413 · Communications	1,900.58	4,455.00	-2,554.42	42.66%	0.00				1,900.58	4,455.00	-2,554.42	42.66%
5414 · Utilities	1,654.49	5,243.00	-3,588.51	31.56%	0.00				1,654.49	5,243.00	-3,588.51	31.56%
5415 · Membership Dues	6,330.30	7,200.00	-869.70	87.92%	0.00				6,330.30	7,200.00	-869.70	87.92%
5416 · Admin Fixed Assets	1,071.16	3,000.00	-1,928.84	35.71%	0.00				1,071.16	3,000.00	-1,928.84	35.71%
5418 · Computer Consultant	4,043.63	15,000.00	-10,956.37	26.96%	0.00				4,043.63	15,000.00	-10,956.37	26.96%

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

	Fisheries				Operations				TOTAL			
	Jul - Nov 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Nov 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Nov 22	Budget	\$ Over / (Under) Budget	% of Budget
5425 · Employee Education/Subscription	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
5426 · Director Fees	1,161.30	6,700.00	-5,538.70	17.33%	0.00				1,161.30	6,700.00	-5,538.70	17.33%
5427 · Director Mileage	0.00	300.00	-300.00	0.0%	0.00				0.00	300.00	-300.00	0.0%
5430 · Travel	2,677.45	2,500.00	177.45	107.1%	0.00				2,677.45	2,500.00	177.45	107.1%
5431 · Public Information	420.00	1,500.00	-1,080.00	28.0%	0.00				420.00	1,500.00	-1,080.00	28.0%
5441 · Audit	5,679.97	12,250.00	-6,570.03	46.37%	0.00				5,679.97	12,250.00	-6,570.03	46.37%
5443 · Liab & Property Ins	20,473.34	17,745.00	2,728.34	115.38%	0.00				20,473.34	17,745.00	2,728.34	115.38%
Total 5400 · GENERAL & ADMIN - FISHERIES	52,722.67	123,426.00	-70,703.33	42.72%	0.00				52,722.67	123,426.00	-70,703.33	42.72%
5499 · ADMIN LABOR-FISHERIES	94,065.90	274,622.00	-180,556.10	34.25%	0.00				94,065.90	274,622.00	-180,556.10	34.25%
5510 · Integrated Reg. Water Mgt Plan	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
6199 · SPECIAL PROJECTS												
6097 · GIS and Mapping	0.00				3,775.00	10,000.00	-6,225.00	37.75%	3,775.00	10,000.00	-6,225.00	37.75%
6105 · ROW Management Program	0.00				0.00	20,000.00	-20,000.00	0.0%	0.00	20,000.00	-20,000.00	0.0%
6110 · SCADA Improvements & Support	0.00				1,631.42	35,000.00	-33,368.58	4.66%	1,631.42	35,000.00	-33,368.58	4.66%
6115 · COMB Blding Improvemnts & Maint	0.00				18,733.99	45,000.00	-26,266.01	41.63%	18,733.99	45,000.00	-26,266.01	41.63%
6138 · Cachuma Watershed Mgmt Study	0.00				161.00	50,000.00	-49,839.00	0.32%	161.00	50,000.00	-49,839.00	0.32%
Total 6199 · SPECIAL PROJECTS	0.00				24,301.41	160,000.00	-135,698.59	15.19%	24,301.41	160,000.00	-135,698.59	15.19%
6000 · INFRASTRUCTURE IMPROVEMENT PROJ												
6096 · SCC Structure Rehabilitation	0.00				36,319.65	440,000.00	-403,680.35	8.25%	36,319.65	440,000.00	-403,680.35	8.25%
6120 · Lake Cachuma Secured Pipeline	0.00				2,257,589.81	4,400,000.00	-2,142,410.19	51.31%	2,257,589.81	4,400,000.00	-2,142,410.19	51.31%
6136 · SCC Isolation Valve Evaluation	0.00				3,823.50	500,000.00	-496,176.50	0.77%	3,823.50	500,000.00	-496,176.50	0.77%
6137 · SCC Lower Reach Lateral Structu	0.00				0.00	550,000.00	-550,000.00	0.0%	0.00	550,000.00	-550,000.00	0.0%
Total 6000 · INFRASTRUCTURE IMPROVEMENT PROJ	0.00				2,297,732.96	5,890,000.00	-3,592,267.04	39.01%	2,297,732.96	5,890,000.00	-3,592,267.04	39.01%
6200 · PROGRAM SUPPORT SERVICES												
6201 · FMP Implementation	0.00	42,000.00	-42,000.00	0.0%	0.00				0.00	42,000.00	-42,000.00	0.0%
6202 · GIS and Mapping	2,850.00	10,000.00	-7,150.00	28.5%	0.00				2,850.00	10,000.00	-7,150.00	28.5%
6205 · USGS Stream Gauge Program	22,565.00	105,000.00	-82,435.00	21.49%	0.00				22,565.00	105,000.00	-82,435.00	21.49%
Total 6200 · PROGRAM SUPPORT SERVICES	25,415.00	157,000.00	-131,585.00	16.19%	0.00				25,415.00	157,000.00	-131,585.00	16.19%
6300 · HABITAT IMPROVEMENT PROJECTS												
6207 · Oak Tree Restoration Program	1,059.97	18,000.00	-16,940.03	5.89%	0.00				1,059.97	18,000.00	-16,940.03	5.89%
6303 · Tributary Projects Support	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
Total 6300 · HABITAT IMPROVEMENT PROJECTS	1,059.97	28,000.00	-26,940.03	3.79%	0.00				1,059.97	28,000.00	-26,940.03	3.79%
Total Expense	\$ 489,020.16	\$ 1,517,212.00	\$ (1,028,191.84)	32.23%	\$ 3,128,628.40	\$ 8,501,331.00	\$ (5,372,702.60)	36.8%	\$ 3,617,648.56	\$ 10,018,543.00	\$ (6,400,894.44)	36.11%
Net Surplus / Deficit	\$ (36,383.16)	\$ -	\$ (36,383.16)	100.0%	\$ 287,725.49	\$ -	\$ 287,725.49	100.0%	\$ 251,342.33	\$ -	\$ 251,342.33	100.0%

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 2022
Submitted by:	Janet Gingras

SUBJECT: Investment Report – November 30, 2022

RECOMMENDATION

The Board of Directors receive and file the Cachuma Operation & Maintenance Board Investment Report as of November 30, 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 November 2022, is reported at 2.007%.

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

Table 1			
Unrestricted Reserve Funds			
Local Agency Investment Fund (LAIF)			
	10/31/2022	\$	1,951,319.22
(+) Deposits/Credits			-
(-) Checks/Withdrawals			(400,000.00)
Statement Balance	11/30/2022	\$	1,551,319.22

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	10/31/2022	\$	55,285.20
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	11/30/2022	\$	55,285.20
American Riviera Bank Warren Act Trust Fund			
Previous Balance	10/31/2022	\$	360,259.72
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	11/30/2022	\$	360,259.72

STATEMENT

The above statement of investment activity for the month of November 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 November 30, 2022

Date	Num	Name	Memo	Amount
1050 - General Fund				
11/01/2022	29684	Aqua-Flo Supply	Supplies (Ops)	-704.41
11/01/2022	29685	Aspect Engineering Group	SCADA Improvements & Support - Server Maintenance	-805.00
11/01/2022	29686	Belzona California, Inc.	SCC Structure Rehab - Vault Emergency Repair	-2,040.88
11/01/2022	29687	Core and Main, LP	EPF Secured Pipeline - Materials	-5,265.88
11/01/2022	29688	Cori Hayman	Director Meeting Fees October 2022	-150.00
11/01/2022	29689	ECHO Communications	Message Service November 2022	-84.30
11/01/2022	29690	Harrison Hardware	Supplies (Fisheries)	-44.67
11/01/2022	29691	Kristen Sneddon	Director Meeting Fees October 2022	-300.00
11/01/2022	29692	Lauren W. Hanson	Director Meeting Fees October 2022	-150.00
11/01/2022	29693	Musick, Peeler & Garrett LLP	General Counsel September 2022 (Ops & Fisheries)	-2,139.00
11/01/2022	29694	Pacific Coast Jiffy Lube	2015 Chevy Silverado 1500 - Oil Change (Ops)	-156.46
11/01/2022	29695	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 10/14/22 & 10/28/22	-225.80
11/01/2022	29696	Polly Holcombe	Director Meeting Fees October 2022	-256.00
11/01/2022	29697	Salmonid Restoration Federation	2023 Co-Sponsorship of Virtual SRF Conference	-500.00
11/01/2022	29698	Sparkletts	Operations Safety	-82.81
11/01/2022	29699	Staples Business Credit	Office Supplies (Ops & Fisheries)	-486.45
11/01/2022	29700	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-130.75
11/01/2022	29701	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 3253ci	-173.54
11/01/2022	29702	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance October 2022	-480.00
11/16/2022	29703	ACWA/Joint Powers Insurance Authority	General & Auto Liability Deposit Premium 10/1/22-10/1/23	-48,623.00
11/16/2022	29704	Association of Ca Water Agencies/JPIA	December 2022 Health Benefits Premium	-29,362.57
11/16/2022	29705	AT&T	Long Distance Service 9/28/22-10/27/22	-39.26
11/16/2022	29706	Bureau of Reclamation	USBR 2022-23 Water Rates 1st Period Obligation 10/1/22-4/1/23	-894,495.15
11/16/2022	29707	City of Santa-Barbara	Trash & Recycling October 2022	-336.17
11/16/2022	29708	Coastal Copy, LP	Copier Maintenance - Kyocera Taskalfas 3253ci & 6054ci	-459.85
11/16/2022	29709	Cox Communications Santa Barbara	Business Internet November 2022	-195.44
11/16/2022	29710	Cushman Contracting Corp.	EPF Secured Pipeline - Construction Services	-331,801.37
11/16/2022	29711	Cushman Contracting Corp.	SCC Structure Rehab - Lauro Emergency Repair & San Roque Rehab	-34,278.77
11/16/2022	29712	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality Sampling	-250.00
11/16/2022	29713	Federal Express	Shipping (Ops)	-372.45
11/16/2022	29714	Frontier Communications	Phone Service - Main Office Land Lines	-101.39
11/16/2022	29715	Frontier Communications	Phone Service - North Portal	-63.13
11/16/2022	29716	Home Depot Credit Services	Supplies (Ops)	-232.83
11/16/2022	29717	Impulse Advanced Communications	Phone Service - Main Office	-867.53
11/16/2022	29718	J&C Services	Office Cleaning Service - Weekly 10/7/22-10/28/22	-680.00
11/16/2022	29719	Kenneth A. Knight, Consulting	Oak Tree Program - Arborist Services - Pruning Training	-625.00
11/16/2022	29720	MarBorg Industries	Portable Facilities (Ops)	-423.76
11/16/2022	29721	Santa Barbara Office Interiors	COMB Building Improvements - Admin Trailer Cubicle	-2,094.06
11/16/2022	29722	Southern California Edison	Electricity - Main Office & Outlying Stations	-854.86
11/16/2022	29723	SWRCB - DWOCP	D3 Certificate Fee - King	-90.00
11/16/2022	29724	Turenchalk Network Services, Inc.	Network Support October 2022 (Ops & Fisheries)	-2,387.55
11/16/2022	29725	Verizon Wireless	Cellular Service - Phones & iPads	-380.47
11/16/2022	29726	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 6254ci	-303.41
11/16/2022	29727	WEX Fleet Universal	Fleet Fuel October 2022	-3,254.31
11/21/2022	29728	Aqua-Flo Supply	Supplies (Ops)	-129.25
11/21/2022	29729	County of Santa--Barbara	Waste Disposal Fee (Ops)	-97.68
11/21/2022	29730	Cushman Contracting Corp.	EPFP Pumping System - Pay Req 103	-3,500.00
11/21/2022	29731	Flowers & Associates, Inc.	EPF Secured Pipeline Project - Construction Management	-11,601.50
11/21/2022	29732	Flowers & Associates, Inc.	SCC Isolation Valve - Insertion Meter Carpinteria Reservoir	-2,323.50
11/21/2022	29733	Flowers & Associates, Inc.	EPF Secured Pipeline Project - Construction Management	-16,355.00
11/21/2022	29734	Flowers & Associates, Inc.	SCC La Mirada Isolation Valve - Record Drawings	-1,500.00
11/21/2022	29735	Jim Vreeland Ford	2019 Ford Ranger - Grill Replacement (Fisheries)	-393.41
11/21/2022	29736	Makai Ocean Engineering, Inc.	EPF Secured Pipeline Project - Professional Services	-38,465.90
11/21/2022	29737	O'Connor Pest Control	Quarterly Exterminator Services	-175.00
11/21/2022	29738	Otis Elevator Company	North Portal Elevator Maintenance 10/22-3/31/23	-3,453.48
11/21/2022	29739	PG&E	Electricity - North Portal	-428.08

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Cachuma Operation & Maintenance Board

Paid Claims

As of November 30, 2022

Date	Num	Name	Memo	Amount
11/21/2022	29740	Rayne of Santa Barbara Inc	December RO Rental	-32.00
11/21/2022	29741	Verizon Wireless	Cellular Service - Wireless Modems	-342.34
11/21/2022	29742	Winema Industrial & Safety Supply	Equipment Repair - Ventis MX4 Gas Detectors	-832.69
11/28/2022	29743	Cori Hayman	Director Meeting Fees November 2022	-150.00
11/28/2022	29744	Kristen Sneddon	Director Meeting Fees November 2022	-150.00
11/28/2022	29745	Lauren W. Hanson	Director Meeting Fees November 2022	-150.00
11/28/2022	29746	Musick, Peeler & Garrett LLP	General Counsel October 2022 (Ops & Fisheries)	-7,567.00
11/28/2022	29747	OS Systems, Inc.	Repair of Dry Suits	-360.17
11/28/2022	29748	Polly Holcombe	Director Meeting Fees November 2022	-128.00
11/28/2022	29749	Santa Barbara Office Interiors	COMB Building Improvements - Admin Trailer	-132.00
11/28/2022	29750	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 3253ci	-123.98
11/29/2022	29751	Elijah Papen	Reimburse D3 & T2 Certification Fees	-501.94
Total 1050 - General Fund				<u>-1,455,641.20</u>
TOTAL				<u>-1,455,641.20</u>

APPROVALS

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: Resolution No. 771 – 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. 771 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.

The California Department of Public Health releases data tracking the spread of the coronavirus in Santa Barbara County. About 1 out of every 4 people in the county has tested positive, 115,141 in total. Over the past week, the county has averaged 90 new cases and 0.1 new deaths per day. On Tuesday, 624 new cases and 1 death was reported. There are now 45 patients admitted to county hospitals with a confirmed case of COVID-19, a change of +125% from two weeks ago. Of those, 7 are in an intensive care unit.

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. 771

RESOLUTION NO. 771

**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 DECEMBER 24, 2022 TO JANUARY 24, 2023 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 December 24, 2022, and shall be effective until the earlier of (i) January 24, 2023, 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 December 19, 2022, by the following roll call votes:

AYES:

NAYES:

ABSENT:

ABSTAINED:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board

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CACHUMA OPERATION & MAINTENANCE BOARD

Administrative Committee Meeting

Thursday, December 8, 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. Total Compensation Systems, Inc. Presentation of Other Post-Employment Benefits (OPEB) Actuarial Report as of June 30, 2022 (*for information and possible recommendation*)
4. Bartlett, Pringle Wolf, LLP Presentation of Draft Annual Comprehensive Financial Report (ACFR) – Fiscal Year Ending June 30, 2022 (*for information and possible recommendation*)
5. California State Controllers Report – Fiscal Year Ending June 30, 2022 (*for information and possible recommendation*)
6. Unexpended Funds - Fiscal Year Ending June 30, 2022 (*for information and possible recommendation*)
7. Adjournment

NOTICE TO THE PUBLIC

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

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

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

CACHUMA OPERATION & MAINTENANCE BOARD

Fisheries Committee Meeting

Monday, December 12, 2022

2:00 PM

AGENDA

Chair: Director Hanson

Alternate: Director Hayman

1. Call to Order
2. Public Comment (*Public may address the Committee on any subject matter on the agenda and within the Committee's jurisdiction*)
3. Draft Cachuma Project Master Contract Renewal Fund and Warren Act Trust Fund – Long Term and Annual Plan / Santa Barbara County Betterment Fund (*for information and possible recommendation*)
4. Update on Recent Fisheries Division Activities (*for information and possible recommendation*)
 - Field Observations
 - Coordination with Reclamation
5. Adjournment

NOTICE TO THE PUBLIC

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

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

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

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: Total Compensation Systems, Inc. Presentation of Other Post-Employment Benefits Actuarial Report as of June 30, 2022

RECOMMENDATION:

The Board of Directors receive and file the Cachuma Operation & Maintenance Board (COMB) Other Post-Employment Benefits (OPEB) Actuarial Report (Measurement Date: June 30, 2022).

SUMMARY:

The Government Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Post-employment Benefits Other Than Pensions*, adopted in 2015, replaced the requirements of GASB Statement No. 45, *Accounting and Financial Reporting by Employers for Post-employment Benefits Other Than Pensions*. The primary objective of GASB 75 is to improve accounting, transparency and financial reporting by state and local governments for postemployment benefits other than pensions. The provisions contained in GASB 75 are effective for fiscal years ending June 30, 2018.

COMB engaged Total Compensation Systems, Inc. to determine the liabilities associated with its current retiree health program as of June 30, 2022.

BACKGROUND:

As part of the benefits package offered to new employees, COMB provides post-retirement health insurance benefits for retired employees. COMB has established a two tier system as outlined below:

TIER 1

For employees hired prior to February 1, 2014

COMB provides post-retirement health care benefits to retired employees and their spouses/registered domestic partners. Under the Plan, a "retired employee" is a former employee of COMB who (i) performed a minimum of twelve (12) years of continuous service for COMB; (ii) is receiving a monthly retirement benefit from the Public Employees Retirement System (PERS); and (iii) was employed by COMB immediately prior to becoming eligible to receive benefits under PERS.

The Public Employees' Pension Reform Act (PEPRA) became law in January 2013. Since that time, all retirees reaching Medicare eligible age must enroll in Medicare whereby Medicare becomes primary and their current health insurance coverage through ACWA/JPIA becomes secondary.

For purposes of calculating the 12-years of continuous service requirement, effective, July 1, 2013, an employee of COMB shall be credited with all of his or her years of service performed for PERS-covered employers other than COMB, regardless of whether such employment was continuous, provided the most

recent such employment did not end more than six (6) months prior to the employee's commencement of final employment with COMB.

After the death of the retired employee, COMB will continue to pay the full cost of the insurance premiums for the surviving spouse or registered domestic partner, until such time as the surviving spouse or domestic partner dies, remarries or re-registers with another registered domestic partner, or becomes covered under another group health plan.

TIER 2

For employees hired after February 1, 2014

In an effort to reduce OPEB costs while still maintaining competitive employment benefits, COMB established a two tier retiree Health Benefit Program for agency paid post-retirement Health Benefits Coverage wherein the following will apply:

50% Premium Coverage

- Twelve years of continuous service with COMB (or PERS covered service).
- Are receiving a monthly retirement benefit from Cal PERS and whose final employment immediately prior to receiving the PERS monthly benefit was with COMB.
- COMB will provide health insurance coverage for eligible retiree only - dependent coverage must be purchased separately.
- Upon retiree reaching Medicare eligible age, COMB will provide supplemental health insurance coverage for retiree only.
- A monthly retiree contribution premium may be established by the Board at any time.
- An additional 6.25% per year pro-rated agency contribution will apply from years thirteen through twenty.

100% Premium Coverage

- Twenty years of continuous service with COMB (or PERS covered service).
- Are receiving a monthly retirement benefit from Cal PERS and whose final employment immediately prior to receiving the PERS monthly benefit was with COMB.
- COMB will provide health insurance coverage for eligible retiree only - dependent coverage must be purchased separately.
- Upon retiree reaching Medicare eligible age, COMB will provide supplemental health insurance coverage for retiree only.
- A monthly retiree contribution premium may be established by the Board at any time.

For purposes of calculating the 12-years of continuous service requirement, effective, July 1, 2013, an employee of COMB shall be credited with all of his or her years of service performed for PERS-covered employers other than COMB, regardless of whether such employment was continuous, provided the most recent such employment did not end more than six (6) months prior to the employee's commencement of final employment with COMB.

DISCUSSION:

GASB has determined that OPEB plans are conceptually similar to pensions, and has largely replicated the guidance from GASB 67/68 in GASB 74/75. Statement No. 75 requires governments to recognize an OPEB liability on the face of the financial statements and to present more extensive note disclosures and Required Supplementary Information (RSI) about their OPEB liabilities. Among the new note disclosures is a description of the effect on the reported OPEB liability of using a discount rate and a healthcare cost trend rate that are one percentage point higher and one percentage point lower than assumed by the government.

Also, Statement No. 75 changes the way in which the discount rate for a Plan that is being prefunded is calculated. The new RSI includes a schedule showing the causes of increases and decreases in the Total OPEB liability and a schedule comparing a government's actual OPEB contributions to its contribution requirements. The impact of new accounting standards, the annual expense and OPEB liability for plans funded on a pay-as-you-go basis will be more volatile because the discount rate used to develop the normal costs and actuarial accrued liability is based on a 20 year general obligation bond index.

NOL Using Alternative Trend Assumptions

The following table presents the Net OPEB Liability with a healthcare cost trend rate of one percentage-point lower or one percentage-point higher than assumed in the valuation:

	Trend 1% Lower	Healthcare Cost Trend Rate (4.0%)	Trend 1% Higher
Net OPEB Liability	\$2,948,805	\$3,357,104	\$3,857,745

Sensitivity of the Net OPEB Liability to Changes in the Discount Rate

The following presents the net OPEB liability as of the measurement date, calculated using the discount rate of 3.54 percent, as well as what the net OPEB liability would be if it were calculated using a discount rate that is one percentage-point lower or one percentage-point higher than the current rate:

	Discount Rate 1% Lower	Valuation Discount Rate (3.54%)	Discount Rate 1% Higher
Net OPEB Liability	\$3,792,012	\$3,357,104	\$2,996,256

Another factor impacting the Total OPEB Liability is the use of the implicit rate subsidy. The implicit rate subsidy is often described as follows: It is a common practice for employers to permit retired employees (and their spouses or dependents) to continue in the employer's group health insurance plan (which also covers active employees) by paying the group premium charged to active employees once eligibility for employer paid benefits is exhausted. This practice creates an OPEB liability based on the theory that retirees have higher utilization of health care benefits than active employees. Unless the premium rate for retirees is set to fully recover their health costs, the premium for active employees is implicitly overstated to subsidize utilization by retirees. Similarly, unless the premium rate for retirees is set to fully recover their health costs, the premium for retirees is understated. This difference creates an implicit rate subsidy. This rate subsidy is considered a benefit that should be included in OPEB valuations. The OPEB obligation normally includes the cost of the implicit rate subsidy for the years in which the retiree is paying the active employee insurance costs for continued coverage. When the retiree is eligible for Medicare, the actual cost of coverage is much closer to the premium cost. Therefore, there is no OPEB liability assumed for Medicare-eligible retirees paying 100 percent of the premium. The implicit rate subsidy used in this study represents an additional 58.7% of the current actual premiums.

A significant change from GASB 45 is the requirement to recognize the Net OPEB liability on the balance sheet and the OPEB expense in the income statement. This information was previously reported in the footnotes of the financial statements. Governments that do not provide OPEB through a trust are required to recognize the Total OPEB liability in the financial statements.

For governments that administer the OPEB plan through a trust, the OPEB liability is recognized net of the amount of the OPEB plan's fiduciary net position or assets. GASB 75 also requires the economic and demographic assumptions used in the calculation to be in conformance with the Actuarial Standard of Practice issued by the Actuarial Standards Board. These assumptions include investment returns, inflation, salary increases, mortality rate, and retirement and disability projections.

Change in Benefit Terms

Effective January 1, 2022, COMB Medicare retirees were automatically transferred to a new Medicare Advantage health plan which carried a substantially lower premium. Retirees that have not reached Medicare age will remain in their current plan until such time they reach age 65 and they will be automatically transferred to the new plan, as well. COMB recognized approximately \$1.9M reduction in the measured liability at June 30, 2022 as a result of this plan change. The adjustment was recognized as a Change in Benefit Terms which provides that the entire decrease in measured liability flows through OPEB expense in the current year as opposed to other unexpected changes which are deferred over a given period.

FISCAL IMPACTS:

The audited financial statements for FY 2021-22 will reflect a Net other post-employment benefit obligation of \$3,357,104 based on the OPEB Actuarial Report prepared for COMB. (Measurement Date of June 30, 2022).

COMMITTEE STATUS:

The Administrative Committee received a presentation from Total Compensation Systems, Inc. regarding COMB's OPEB Actuarial Report (Measurement Date: June 30, 2022) and forwards to the Board of Directors to receive and file.

LIST OF EXHIBITS:

1. Total Compensation Systems, Inc. – Presentation
2. COMB OPEB Actuarial Report

Cachuma Operation and Maintenance Board

DECEMBER 19, 2022

RETIREE HEALTH BENEFITS UNDER GASB 74/75

JUNE 30, 2022 ACTUARIAL VALUATION

TCS, Inc

Presentation Outline

- ▶ Current Benefit Structure
- ▶ Current Valuation Results
- ▶ Future Expectations

TCS, Inc

Current Benefits

- ▶ 100% of Medical, Dental, and Vision Premiums paid by COMB for retiree's lifetime
 - ▶ If hired prior to February 1, 2014:
 - ▶ Full benefit payable if employee retires with at least 12 years of service (or PERS covered service)
 - ▶ Dependents are eligible for coverage
 - ▶ Medicare becomes primary at Age 65 (Anthem plan no longer offered)
 - ▶ If hired after February 1, 2014:
 - ▶ Only 50% of the premium is paid by COMB if employee retires with 12 years of service, grading to 100% at 20 years of service (or PERS covered service)
 - ▶ Only the retiree is eligible for coverage (no dependent coverage)
 - ▶ Medicare becomes primary at Age 65 (Anthem plan no longer offered)

TCS, Inc

Valuation Terminology

TCS, Inc

▶ Total OPEB Liability (TOL): \$3.4M

- ▶ Represents what is owed due to the promise to provide future benefits
- ▶ Only represents benefits already earned due to past service
- ▶ Grows as benefits are earned and with interest; shrinks as benefits are paid

▶ Fiduciary Net Position (FNP): \$0.0M

- ▶ The amount of assets that have been set aside in an irrevocable trust for the exclusive use of paying retiree health benefits
- ▶ Grows or shrinks each year based on investment return, contributions to the trust, and benefit payments from the trust

▶ Net OPEB Liability (NOL): \$3.4M

- ▶ The TOL minus the FNP, in other words, what is owed that is in excess of what has already been set aside

▶ Service Cost: \$107,000

- ▶ An active employee's liability accumulates over the course of his/her career
- ▶ The value of the additional benefit accrued in one year is the Service Cost

June 30, 2022 Valuation Results Comparison with Prior Valuation

\$ in millions	TOL	FNP	NOL
Balance at June 30, 2021	\$5.8	\$0.0	\$5.8
Total One-Year Change	<u>-\$2.4</u>	<u>\$0.0</u>	<u>-\$2.4</u>
Balance at June 30, 2022	\$3.4	\$0.0	\$3.4

- \$200,000 increase due to normal operation of the plan
 - Includes benefits earned and interest growth for the year (+\$362,000) offset by benefits paid (-\$173,000)
- \$700,000 decrease due to increase in valuation interest rate from 2.16% to 3.54%
 - Valuation interest rate based on municipal bond index
- \$1,900,000 decrease due to changes in benefit terms
 - Anthem plan no longer offered for Post-65 coverage (UHC and Kaiser only)
 - UHC premium is about 2/3 of what Anthem was and Kaiser is about 1/2

TCS, Inc

Looking to June 30, 2023 & Beyond

- ▶ Anticipate performing a roll-forward valuation
 - ▶ GASB 75 requires a full valuation to be performed every two years
 - ▶ Roll-forward valuation typically used to fill in the in-between years
- ▶ Liability will continue to slowly grow over time as new benefits earned and interest charges outpace annual benefit payments
 - ▶ Expect volatility in full valuation years when demographic experience and healthcare costs are examined

The background is a dark teal color. It features several decorative elements: a large teal circle on the left side, a medium teal circle in the top right, a small teal circle in the bottom right, and a red vertical rectangle in the top right corner.

Thank you!

Questions?

TCS, Inc

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Cachuma Operation and Maintenance Board
Actuarial Study of
Retiree Health Liabilities Under GASB 74/75
Valuation Date: June 30, 2022
Measurement Date: June 30, 2022
For Fiscal Year-End: June 30, 2022

Prepared by:
Total Compensation Systems, Inc.

Date: August 17, 2022

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Cachuma Operation and Maintenance Board
Actuarial Study of Retiree Health Liabilities

PART I: EXECUTIVE SUMMARY

A. Introduction

This report was produced by Total Compensation Systems, Inc. for Cachuma Operation and Maintenance Board to determine the liabilities associated with its current retiree health program as of a June 30, 2022 measurement date and to provide the necessary information to determine accounting entries for the fiscal year ending June 30, 2022. This report may not be suitable for other purposes such as determining employer contributions or assessing the potential impact of changes in plan design.

Different users of this report will likely be interested in different sections of information contained within. We anticipate that the following portions may be of most interest depending on the reader:

- A high level comparison of key results from the current year to the prior year is shown on this page.
- The values we anticipate will be disclosed in the June 30, 2022 year-end financials are shown on pages 2 and 3.
- Additional accounting information is shown on page 12 and Appendices C and D.
- Description and details of measured valuation liabilities can be found beginning on page 10.
- Guidance regarding the next actuarial valuation for the June 30, 2023 measurement date is provided on page 13.

B. Key Results

COMB uses an Actuarial Measurement Date that is the same as its Fiscal Year-End. This means that these actuarial results measured as of June 30, 2022 will be used directly for the June 30, 2022 Fiscal Year-End.

Key Results	Current Year	Prior Year
	<i>June 30, 2022 Measurement Date for June 30, 2022 Fiscal Year-End</i>	<i>June 30, 2021 Measurement Date for June 30, 2021 Fiscal Year-End</i>
Total OPEB Liability (TOL)	\$3,357,104	\$5,789,486
Fiduciary Net Position (FNP)	\$0	\$0
Net OPEB Liability (NOL)	\$3,357,104	\$5,789,486
Service Cost <i>(for year following)</i>	\$106,600	\$236,346
Estimated Pay-as-you-go Amount <i>(for year following)</i>	\$157,845	\$172,946
GASB 75 OPEB Expense <i>(for year ending)</i>	(\$1,598,056)	\$388,777

Refer to results section beginning on page 10 or the glossary on page 26 for descriptions of the above items.

Key Assumptions	Current Year	Prior Year
	<i>June 30, 2022 Measurement Date for June 30, 2022 Fiscal Year-End</i>	<i>June 30, 2021 Measurement Date for June 30, 2021 Fiscal Year-End</i>
Valuation Interest Rate	3.54%	2.16%
Expected Rate of Return on Assets	N/A	N/A
Long-Term Medical Trend Rate	4.00%	4.00%
Projected Payroll Growth	2.75%	2.75%

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Portion of Key Measurements Due to Implicit Rate Subsidy

The implicit rate subsidy represents the difference between retiree premium rates and the underlying cost of retiree coverage. Because medical costs generally increase with age, the direct premium rate for pre-Medicare retirees will typically fall short of the underlying cost of retiree coverage when the premium rates are determined by blending active employees and pre-Medicare retirees. GASB 75 requires the underlying cost to be reflected in most cases, so OPEB actuaries develop age-adjusted costs to estimate the underlying cost of coverage solely for retirees.

Below is a breakdown of key measurements between the portion due to the employer share of retiree premiums and the portion due to the implicit rate subsidy. Although the two pieces are typically treated the same under GASB 75, the distinction can be important for planning purposes because the implicit rate subsidy will not be paid directly in the same way that the employer share of retiree premiums will be paid.

June 30, 2022 Measurement Date	Portion due to Employer Share of Retiree Premium	Portion due to Implicit Rate Subsidy	Total
Total OPEB Liability	\$2,940,596	\$416,508	\$3,357,104
Service Cost (for year following)	\$93,730	\$12,870	\$106,600

The following table shows the “pay as you go” projection of annual payments for the employer share of retiree health costs as well as the projected annual amount of the implicit rate subsidy. Although actual payments are certain to vary from those shown below, these projections can be useful for planning purposes.

Year Beginning July 1	Employer Share of Retiree Premium	Implicit Rate Subsidy	Total Projected Benefit Payments
2022	\$120,153	\$37,692	\$157,845
2023	\$131,430	\$42,128	\$173,558
2024	\$125,913	\$29,030	\$154,943
2025	\$134,191	\$31,151	\$165,342
2026	\$142,093	\$33,478	\$175,571
2027	\$151,080	\$36,663	\$187,743
2028	\$147,709	\$24,474	\$172,183
2029	\$155,924	\$27,228	\$183,152
2030	\$163,208	\$29,727	\$192,935
2031	\$158,351	\$18,919	\$177,270

C. Summary of GASB 75 Accounting Results

1. Changes in Net OPEB Liability

The following table shows the reconciliation of the June 30, 2021 Net OPEB Liability (NOL) in the prior valuation to the June 30, 2022 NOL. A more detailed version of this table can be found on page 12.

	TOL	FNP	NOL
Balance at June 30, 2021 Measurement Date	\$5,789,486	\$0	\$5,789,486
Service Cost	\$236,346	\$0	\$236,346
Interest on TOL / Return on FNP	\$125,738	\$0	\$125,738
Employer Contributions*	\$0	\$172,946	(\$172,946)
Benefit Payments*	(\$172,946)	(\$172,946)	\$0
Administrative Expenses	\$0	\$0	\$0
Experience (Gains)/Losses	(\$75,021)	\$0	(\$75,021)
Changes in Assumptions	(\$623,479)	\$0	(\$623,479)
Changes in Benefit Terms	(\$1,923,020)	\$0	(\$1,923,020)
Net Change	(\$2,432,382)	\$0	(\$2,432,382)
Actual Balance at June 30, 2022 Measurement Date	\$3,357,104	\$0	\$3,357,104

* Includes \$23,494 due to implied rate subsidy.

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2. Deferred Inflows and Outflows

Changes in the NOL arising from certain sources are recognized on a deferred basis. The following tables show the balance of each deferral item as of the measurement date and the scheduled future recognition. A reconciliation of these balances can be found on page 12 while the complete deferral history is shown beginning on page 23.

Balances at June 30, 2022 Fiscal Year-End	<i>Deferred Outflows</i>	<i>Deferred Inflows</i>
Differences between expected and actual experience	\$0	(\$584,423)
Changes in assumptions	\$761,719	(\$556,438)
Differences between projected and actual return on assets	\$0	\$0
Total	\$761,719	(\$1,140,861)

To be recognized fiscal year ending June 30:	<i>Deferred Outflows</i>	<i>Deferred Inflows</i>
2023	\$108,875	(\$145,995)
2024	\$108,875	(\$145,995)
2025	\$108,875	(\$145,995)
2026	\$108,875	(\$145,995)
2027	\$108,875	(\$145,995)
Thereafter	\$217,344	(\$410,886)
Total	\$761,719	(\$1,140,861)

3. OPEB Expense

Under GASB 74 and 75, OPEB expense includes service cost, interest cost, administrative expenses, and change in TOL due to plan changes, adjusted for deferred inflows and outflows. OPEB expense can also be derived as change in net position, adjusted for employer contributions, which can be found on page 12.

To be recognized fiscal year ending June 30, 2022	<i>Expense Component</i>
Service Cost	\$236,346
Interest Cost	\$125,738
Expected Return on Assets	\$0
Administrative Expenses	\$0
Recognition of Experience (Gain)/Loss Deferrals	(\$78,954)
Recognition of Assumption Change Deferrals	\$41,834
Recognition of Investment (Gain)/Loss Deferrals	\$0
Employee Contributions	\$0
Changes in Benefit Terms	(\$1,923,020)
Net OPEB Expense for fiscal year ending June 30, 2022	(\$1,598,056)

4. Adjustments

We are unaware of any adjustments that need to be made.

5. Trend and Interest Rate Sensitivities

The following presents what the Net OPEB Liability would be if it were calculated using a discount rate assumption or a healthcare trend rate assumption one percent higher or lower than the current assumption.

Net OPEB Liability at June 30, 2022 Measurement Date	<i>Discount Rate</i>	<i>Healthcare Trend Rate</i>
1% Decrease in Assumption	\$3,792,012	\$2,948,805
Current Assumption	\$3,357,104	\$3,357,104
1% Increase in Assumption	\$2,996,256	\$3,857,745

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D. Description of Retiree Benefits

Following is a description of the current retiree benefit plan:

	<u>All Employees Hired Before 2/1/14</u>
Benefit types provided	Medical, dental and vision
Duration of Benefits	Lifetime
Required Service	12 continuous years including service with other CalPERS agencies
Minimum Age	50
Dependent Coverage	Yes
Agency Contribution %	100%
Agency Cap*	None

	<u>All Employees Hired Beginning 2/1/14</u>
Benefit types provided	Medical, dental and vision
Duration of Benefits	Lifetime
Required Service	12 continuous years including service with other CalPERS agencies
Minimum Age	50
Dependent Coverage	No
Agency Contribution %	50% at 12 years plus 6.25% per year to 100% at 20 years
Agency Cap*	None

*Effective 1/1/2022, the Anthem plan will no longer be available to Medicare retirees

E. Summary of Valuation Data

This report is based on census data provided to us as of June, 2022. Distributions of participants by age and service can be found on page 17. For non-lifetime benefits, the active count below excludes employees for whom it is not possible to receive retiree benefits (e.g. employees who are already older than the maximum age to which benefits are payable or who will not accrue the required service prior to reaching the maximum age).

	Current Year <i>June 30, 2022 Valuation Date</i> <i>June 30, 2022 Measurement Date</i>	Prior Year <i>June 30, 2020 Valuation Date</i> <i>June 30, 2021 Measurement Date</i>
Active Employees eligible for future benefits		
Count	13	14
Average Age	46.2	44.1
Average Years of Service	8.5	7.0
Retirees currently receiving benefits		
Count	9	9
Average Age	69.2	67.2

We were not provided with information about any terminated, vested employees.

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F. Certification

The actuarial information in this report is intended solely to assist COMB in complying with Governmental Accounting Standards Board Accounting Statement 74 and 75 and, unless otherwise stated, fully and fairly discloses actuarial information required for compliance. Nothing in this report should be construed as an accounting opinion, accounting advice or legal advice. TCS recommends that third parties retain their own actuary or other qualified professionals when reviewing this report. TCS's work is prepared solely for the use and benefit of COMB. Release of this report may be subject to provisions of the Agreement between COMB and TCS. No third party recipient of this report product should rely on the report for any purpose other than accounting compliance. Any other use of this report is unauthorized without first consulting with TCS.

This report is for fiscal year July 1, 2021 to June 30, 2022, using a measurement date of June 30, 2022. The calculations in this report have been made based on our understanding of plan provisions and actual practice at the time we were provided the required information. We relied on information provided by COMB. Much or all of this information was unaudited at the time of our evaluation. We reviewed the information provided for reasonableness, but this review should not be viewed as fulfilling any audit requirements. We relied on the following materials to complete this study:

- We used paper reports and digital files containing participant demographic data from COMB personnel records.
- We used relevant sections of collective bargaining agreements provided by COMB.

All costs, liabilities, and other estimates are based on actuarial assumptions and methods that comply with all applicable Actuarial Standards of Practice (ASOPs). Each assumption is deemed to be reasonable by itself, taking into account plan experience and reasonable future expectations and in combination represent our estimate of anticipated experience of the Plan.

This report contains estimates of the Plan's financial condition and future results only as of a single date. Future results can vary dramatically and the accuracy of estimates contained in this report depends on the actuarial assumptions used. This valuation cannot predict the Plan's future condition nor guarantee its future financial soundness. Actuarial valuations do not affect the ultimate cost of Plan benefits, only the timing of Plan contributions. While the valuation is based on individually reasonable assumptions, other assumption sets may also be reasonable and valuation results based on those assumptions would be different. Determining results using alternative assumptions (except for the alternate discount and trend rates shown in this report) is outside the scope of our engagement.

Future actuarial measurements may differ significantly from those presented in this report due to factors such as, but not limited to, the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the measurement methodology (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. We were not asked to perform analyses to estimate the potential range of such future measurements.

The signing actuary is independent of COMB and any plan sponsor. TCS does not intend to benefit from and assumes no duty or liability to other parties who receive this report. TCS is not aware of any relationship that would impair the objectivity of the opinion.

On the basis of the foregoing, I hereby certify that, to the best of my knowledge and belief, this report is complete and has been prepared in accordance with generally accepted actuarial principles and practices and all applicable Actuarial Standards of Practice. I meet the Qualifications Standards of the American Academy of

Total Compensation Systems, Inc.

Actuaries to render the actuarial opinion contained herein.

Respectfully submitted,



Will Kane, FSA, EA, MAAA
Actuary
Total Compensation Systems, Inc.
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PART II: LIABILITIES AND COSTS FOR RETIREE BENEFITS

A. Introduction.

We calculated the actuarial present value of projected benefit payments (APVPBP) separately for each participant. We determined eligibility for retiree benefits based on information supplied by COMB. We then selected assumptions that, based on plan provisions and our training and experience, represent our best prediction of future plan experience. For each participant, we applied the appropriate assumption factors based on the participant's age, sex, length of service, and employee classification.

The actuarial assumptions used for this study are summarized beginning on page 14.

B. Liability for Retiree Benefits.

For each participant, we projected future premium costs using an assumed trend rate (see Appendix C). We multiplied each year's benefit payments by the probability that benefits will be paid; i.e. based on the probability that the participant is living, has not terminated employment, has retired and remains eligible. The probability that benefit will be paid is zero if the participant is not eligible. The participant is not eligible if s/he has not met minimum service, minimum age or, if applicable, maximum age requirements.

The product of each year's benefit payments and the probability the benefit will be paid equals the expected cost for that year. We multiplied the above expected cost figures by the probability that the retiree would elect coverage. A retiree may not elect to be covered if retiree health coverage is available less expensively from another source (e.g. Medicare risk contract) or the retiree is covered under a spouse's plan. Finally, we discounted the expected cost for each year to the measurement date June 30, 2022 at 3.54% interest.

For any *current retirees*, the approach used was similar. The major difference is that the probability of payment for current retirees depends only on mortality and age restrictions (i.e. for retired employees the probability of being retired and of not being terminated are always both 100%).

The value generated from the process described above is called the actuarial present value of projected benefit payments (APVPBP). We added APVPBP for each participant to get the total APVPBP for all participants which is the estimated present value of all future retiree health benefits for all **current** participants. The APVPBP is the amount on June 30, 2022 that, if all actuarial assumptions are exactly right, would be sufficient to expense all promised benefits until the last participant dies or reaches the maximum eligibility age. However, for most actuarial and accounting purposes, the APVPBP is not used directly but is instead apportioned over the lifetime of each participant as described in the following sections.

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C. Actuarial Accrual

Accounting principles provide that the cost of retiree benefits should be “accrued” over employees' working lifetime. For this reason, the Governmental Accounting Standards Board (GASB) issued in June of 2015 Accounting Standards 74 and 75 for retiree health benefits. These standards apply to all public employers that pay any part of the cost of retiree health benefits for current or future retirees (including early retirees), whether they pay directly or indirectly (via an “implicit rate subsidy”).

To actuarially accrue retiree health benefits requires determining the amount to expense each year so that the liability accumulated at retirement is, on average, sufficient (with interest) to cover all retiree health expenditures without the need for additional expenses. There are many different ways to determine the annual accrual amount. The calculation method used is called an “actuarial cost method” and uses the APVPBP to develop expense and liability figures. Furthermore, the APVPBP should be accrued over the working lifetime of employees.

In order to accrue the APVPBP over the working lifetime of employees, actuarial cost methods apportion the APVPBP into two parts: the portions attributable to service rendered prior to the measurement date (the past service liability or Total OPEB Liability (TOL) under GASB 74 and 75) and to service after the measurement date but prior to retirement (the future service liability or present value of future service costs). Of the future service liability, the portion attributable to the single year immediately following the measurement date is known as the normal cost or Service Cost under GASB 74 and 75.

The service cost can be thought of as the value of the benefit earned each year if benefits are accrued during the working lifetime of employees. The actuarial cost method mandated by GASB 75 is the “entry age actuarial cost method”. Under the entry age actuarial cost method, the actuary determines the service cost as the annual amount needing to be expensed from hire until retirement to fully accrue the cost of retiree health benefits. Under GASB 75, the service cost is calculated to be a level percentage of each employee’s projected pay.

D. Actuarial Assumptions

The APVPBP and service cost are determined using several key assumptions:

- The current *cost of retiree health benefits* (often varying by age, Medicare status and/or dependent coverage). The higher the current cost of retiree benefits, the higher the service cost.
- The “*trend*” rate at which retiree health benefits are expected to increase over time. A higher trend rate increases the service cost. A “cap” on COMB contributions can reduce trend to zero once the cap is reached thereby dramatically reducing service costs.
- *Mortality rates* varying by age and sex (and sometimes retirement or disability status). If employees die prior to retirement, past contributions are available to fund benefits for employees who live to retirement. After retirement, death results in benefit termination or reduction. Although higher mortality rates reduce service costs, the mortality assumption is not likely to vary from employer to employer.
- *Employment termination rates* have the same effect as mortality inasmuch as higher termination rates reduce service costs. Employment termination can vary considerably between public agencies.
- The *service requirement* reflects years of service required to earn full or partial retiree benefits. While a longer service requirement reduces costs, cost reductions are not usually substantial unless the service period exceeds 20 years of service.

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- **Retirement rates** determine what proportion of employees retire at each age (assuming employees reach the requisite length of service). Retirement rates often vary by employee classification and implicitly reflect the minimum retirement age required for eligibility. Retirement rates also depend on the amount of pension benefits available. Higher retirement rates increase service costs but, except for differences in minimum retirement age, retirement rates tend to be consistent between public agencies for each employee type.
- **Participation rates** indicate what proportion of retirees are expected to elect retiree health benefits if a significant retiree contribution is required. Higher participation rates increase costs.
- The **discount rate** estimates investment earnings for assets earmarked to cover retiree health benefit liabilities. The discount rate depends on the nature of underlying assets for funded plans. The rate used for a funded plan is the **real** rate of return expected for plan assets plus the long term inflation assumption. For an unfunded plan, the discount rate is based on an index of 20 year General Obligation municipal bonds rated AA or higher. For partially funded plans, the discount rate is a blend of the funded and unfunded rates.

E. Total OPEB Liability

The assumptions listed above are not exhaustive, but are the most common assumptions used in actuarial cost calculations. If all actuarial assumptions are exactly met and an employer expensed the service cost every year for all past and current employees and retirees, a sizeable liability would have accumulated (after adding interest and subtracting retiree benefit costs). The liability that would have accumulated is called the Total OPEB Liability (TOL). The excess of TOL over the value of plan assets is called the Net OPEB Liability (NOL). Under GASB 74 and 75, in order for assets to count toward offsetting the TOL, the assets have to be held in an irrevocable trust that is safe from creditors and can only be used to provide OPEB benefits to eligible participants.

Changes in the TOL can arise in several ways - e.g., as a result of plan changes or changes in actuarial assumptions. Change in the TOL can also arise from actuarial gains and losses. Actuarial gains and losses result from differences between actuarial assumptions and actual plan experience. GASB 75 allows certain changes in the TOL to be deferred (i.e. deferred inflows and outflows of resources).

Under GASB 74 and 75, a portion of actuarial gains and losses can be deferred as follows:

- Investment gains and losses are deferred five years.
- Experience gains and losses are deferred over the Expected Average Remaining Service Lives (EARSL) of plan participants. In calculating the EARSL, terminated employees (primarily retirees) are considered to have a working lifetime of zero. This often makes the EARSL quite short.
- Liability changes resulting from changes in economic and demographic assumptions are also deferred based on the EARSL.
- Liability changes resulting from plan changes, for example, cannot be deferred.

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F. Valuation Results

This section details the measured values of the concepts described on the previous pages.

1. Actuarial Present Value of Projected Benefit Payments (APVPBP)

Actuarial Present Value of Projected Benefit Payments as of June 30, 2022 Valuation Date

	<i>Total</i>
Active: Pre-65 Benefit	\$647,048
Post-65 Benefit	\$1,447,647
Subtotal	\$2,094,695
Retiree: Pre-65 Benefit	\$271,369
Post-65 Benefit	\$2,001,497
Subtotal	\$2,272,866
Grand Total	\$4,367,561
Subtotal Pre-65 Benefit	\$918,417
Subtotal Post-65 Benefit	\$3,449,144

2. Service Cost

The service cost represents the value of the benefit earned during a single year of employment. It is the APVPBP spread over the expected working lifetime of the employee and divided into annual segments. We applied an "entry age" actuarial cost method to determine funding rates for active employees. The table below summarizes the calculated service cost.

Service Cost Valuation Year Beginning July 1, 2022

	<i>Total</i>
# of Eligible Employees	13
First Year Service Cost	
Pre-65 Benefit	\$34,801
Post-65 Benefit	\$71,799
Total	\$106,600

Accruing retiree health benefit costs using service costs levels out the cost of retiree health benefits over time and more fairly reflects the value of benefits "earned" each year by employees. While the service cost for each employee is targeted to remain level as a percentage of covered payroll, the service cost as a dollar amount would increase each year based on covered payroll. Additionally, the overall service cost may grow or shrink based on changes in the demographic makeup of the employees from year to year.

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3. Total OPEB Liability and Net OPEB Liability

If actuarial assumptions are borne out by experience, COMB will fully accrue retiree benefits by expensing an amount each year that equals the service cost. If no accruals had taken place in the past, there would be a shortfall of many years' accruals, accumulated interest and forfeitures for terminated or deceased employees. This shortfall is called the Total OPEB Liability. We calculated the Total OPEB Liability (TOL) as the APVPBP minus the present value of future service costs. To the extent that benefits are funded through a GASB 74 qualifying trust, the trust's Fiduciary Net Position (FNP) is subtracted to get the NOL. The FNP is the value of assets adjusted for any applicable payables and receivables as shown in the table on page 15.

Total OPEB Liability and Net OPEB Liability as of June 30, 2022 Valuation Date

	<i>Total</i>
Active: Pre-65 Benefit	\$281,599
Active: Post-65 Benefit	\$802,639
Subtotal	<u>\$1,084,238</u>
Retiree: Pre-65 Benefit	\$271,369
Retiree: Post-65 Benefit	\$2,001,497
Subtotal	<u>\$2,272,866</u>
Subtotal: Pre-65 Benefit	<u>\$552,968</u>
Subtotal: Post-65 Benefit	<u>\$2,804,136</u>
Total OPEB Liability (TOL)	\$3,357,104
Fiduciary Net Position as of June 30, 2022	\$0
Net OPEB Liability (NOL)	<u>\$3,357,104</u>

4. "Pay As You Go" Projection of Retiree Benefit Payments

We used the actuarial assumptions shown in Appendix C to project COMB's ten year retiree benefit outlay, including any implicit rate subsidy. Because these cost estimates reflect average assumptions applied to a relatively small number of participants, estimates for individual years are **certain** to be *in*accurate. However, these estimates show the size of cash outflow.

The following table shows a projection of annual amounts needed to pay COMB's share of retiree health costs, including any implicit rate subsidy.

<i>Year Beginning</i>	
<i>July 1</i>	<i>Total</i>
2022	\$157,845
2023	\$173,558
2024	\$154,943
2025	\$165,342
2026	\$175,571
2027	\$187,743
2028	\$172,183
2029	\$183,152
2030	\$192,935
2031	<u>\$177,270</u>

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G. Additional Reconciliation of GASB 75 Results

The following table shows the reconciliation of the June 30, 2021 Net OPEB Liability (NOL) in the prior valuation to the June 30, 2022 NOL. For some plans, it will provide additional detail and transparency beyond that shown in the table on Page 2.

	<i>TOL</i>	<i>FNP</i>	<i>NOL</i>
Balance at June 30, 2021	\$5,789,486	\$0	\$5,789,486
Service Cost	\$236,346	\$0	\$236,346
Interest on Total OPEB Liability	\$125,738	\$0	\$125,738
Expected Investment Income	\$0	\$0	\$0
Administrative Expenses	\$0	\$0	\$0
Employee Contributions	\$0	\$0	\$0
Employer Contributions to Trust	\$0	\$0	\$0
Employer Contributions as Benefit Payments**	\$0	\$172,946	(\$172,946)
Benefit Payments from Trust	\$0	\$0	\$0
Expected Benefit Payments from Employer**	(\$172,946)	(\$172,946)	\$0
Expected Balance at June 30, 2022	\$5,978,624	\$0	\$5,978,624
Experience (Gains)/Losses	(\$75,021)	\$0	(\$75,021)
Changes in Assumptions	(\$623,479)	\$0	(\$623,479)
Changes in Benefit Terms	(\$1,923,020)	\$0	(\$1,923,020)
Investment Gains/(Losses)	\$0	\$0	\$0
Other	\$0	\$0	\$0
Net Change during 2022	(\$2,432,382)	\$0	(\$2,432,382)
Actual Balance at June 30, 2022*	\$3,357,104	\$0	\$3,357,104

* May include a slight rounding error.

** Includes \$23,494 due to implied rate subsidy.

Changes in the NOL arising from certain sources are recognized on a deferred basis. The deferral history for COMB is shown beginning on page 23. The following table summarizes the beginning and ending balances for each deferral item. The current year expense reflects the change in deferral balances for the measurement year.

Deferred Inflow/Outflow Balances Fiscal Year Ending June 30, 2022

	<i>Beginning Balance</i>	<i>Change Due to New Deferrals</i>	<i>Change Due to Recognition</i>	<i>Ending Balance</i>
Experience (Gains)/Losses	(\$588,356)	(\$75,021)	\$78,954	(\$584,423)
Assumption Changes	\$870,594	(\$623,479)	(\$41,834)	\$205,281
Investment (Gains)/Losses	\$0	\$0	\$0	\$0
Deferred Balances	\$282,238	(\$698,500)	\$37,120	(\$379,142)

The following table shows the reconciliation of Net Position (NOL less the balance of any deferred inflows or outflows). When adjusted for contributions, the change in Net Position is equal to the OPEB expense shown previously on page 3.

OPEB Expense Fiscal Year Ending June 30, 2022

	<i>Beginning Net Position</i>	<i>Ending Net Position</i>	<i>Change</i>
Net OPEB Liability (NOL)	\$5,789,486	\$3,357,104	(\$2,432,382)
Deferred Balances	\$282,238	(\$379,142)	(\$661,380)
Net Position	\$5,507,248	\$3,736,246	(\$1,771,002)
Adjust Out Employer Contributions			\$172,946
OPEB Expense			(\$1,598,056)

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H. Procedures for Future Valuations

GASB 74/75 require annual measurements of liability with a full actuarial valuation required every two years. This means that for the measurement date one year following a full actuarial valuation, a streamlined “roll-forward” valuation may be performed in place of a full valuation. The following outlines the key differences between full and roll-forward valuations.

	Full Actuarial Valuation	Roll-Forward Valuation
Collect New Census Data	Yes	No
Reflect Updates to Plan Design	Yes	No
Update Actuarial Assumptions	Yes	Typically Not
Update Valuation Interest Rate	Yes	Yes
Actual Assets as of Measurement Date	Yes	Yes
Timing	4-6 weeks after information is received	1-2 weeks after information is received
Fees	Full	Reduced
Information Needed from Employer	Moderate	Minimal
Required Frequency	At least every two years	Each year, unless a full valuation is performed

The majority of employers use an alternating cycle of a full valuation one year followed by a roll-forward valuation the next year. However, a full valuation may be required or preferred under certain circumstances. Following are examples of actions that could cause the employer to consider a full valuation instead of a roll-forward valuation.

- The employer adds or terminates a group of participants that constitutes a significant part of the covered group.
- The employer considers or implements changes to retiree benefit provisions or eligibility requirements.
- The employer considers or puts in place an early retirement incentive program.
- The employer desires the measured liability to incorporate more recent census data or assumptions.

We anticipate that the next valuation we perform for COMB will be a roll-forward valuation with a measurement date of June 30, 2023 which will be used for the fiscal year ending June 30, 2023. Please let us know if COMB would like to discuss whether another full valuation would be preferable based on any of the examples listed above.

PART III: ACTUARIAL ASSUMPTIONS AND METHODS

Following is a summary of actuarial assumptions and methods used in this study. COMB should carefully review these assumptions and methods to make sure they reflect COMB's assessment of its underlying experience. It is important for COMB to understand that the appropriateness of all selected actuarial assumptions and methods are COMB's responsibility. Unless otherwise disclosed in this report, TCS believes that all methods and assumptions are within a reasonable range based on the provisions of GASB 74 and 75, applicable actuarial standards of practice, COMB's actual historical experience, and TCS's judgment based on experience and training.

A. ACTUARIAL METHODS AND ASSUMPTIONS:

ACTUARIAL COST METHOD: GASB 74 and 75 require use of the entry age actuarial cost method.

Entry age is based on the age at hire for eligible employees. The attribution period is determined as the difference between the expected retirement age and the age at hire. The APVPBP and present value of future service costs are determined on a participant by participant basis and then aggregated.

SUBSTANTIVE PLAN: As required under GASB 74 and 75, we based the valuation on the substantive plan. The formulation of the substantive plan was based on a review of written plan documents as well as historical information provided by COMB regarding practices with respect to employer and employee contributions and other relevant factors.

Total Compensation Systems, Inc.

B. ECONOMIC ASSUMPTIONS:

Economic assumptions are set under the guidance of Actuarial Standard of Practice 27 (ASOP 27). Among other things, ASOP 27 provides that economic assumptions should reflect a consistent underlying rate of general inflation. For that reason, we show our assumed long-term inflation rate below.

INFLATION: We assumed 2.50% per year used for pension purposes. Actuarial standards require using the same rate for OPEB that is used for pension.

INVESTMENT RETURN / DISCOUNT RATE: We assumed 3.54% per year net of expenses. This is based on the Bond Buyer 20 Bond Index.

TREND: We assumed 4.00% per year. Our long-term trend assumption is based on the conclusion that, while medical trend will continue to be cyclical, the average increase over time cannot continue to outstrip general inflation by a wide margin. Trend increases in excess of general inflation result in dramatic increases in unemployment, the number of uninsured and the number of underinsured. These effects are nearing a tipping point which will inevitably result in fundamental changes in health care finance and/or delivery which will bring increases in health care costs more closely in line with general inflation. We do not believe it is reasonable to project historical trend vs. inflation differences several decades into the future.

PAYROLL INCREASE: We assumed 2.75% per year. Since benefits do not depend on salary (as they do for pensions), this assumption is only used to determine the accrual pattern of the Actuarial Present Value of Projected Benefit Payments.

FIDUCIARY NET POSITION (FNP): The following table shows the beginning and ending FNP numbers that were provided by COMB.

Fiduciary Net Position as of June 30, 2022

	<u>06/30/2021</u>	<u>06/30/2022</u>
Cash and Equivalents	\$0	\$0
Contributions Receivable	\$0	\$0
Total Investments	\$0	\$0
Capital Assets	\$0	\$0
Total Assets	\$0	\$0
Benefits Payable	\$0	\$0
Fiduciary Net Position	\$0	\$0

Total Compensation Systems, Inc.

C. NON-ECONOMIC ASSUMPTIONS:

Economic assumptions are set under the guidance of Actuarial Standard of Practice 35 (ASOP 35). See Appendix C, Paragraph 52 for more information.

MORTALITY

<i>Participant Type</i>	<i>Mortality Tables</i>
Miscellaneous	2017 CalPERS Mortality for Miscellaneous and Schools Employees

RETIREMENT RATES

<i>Employee Type</i>	<i>Retirement Rate Tables</i>
All Participants	Hired 2012 and earlier: 2017 CalPERS 2.0% @55 Rates for Miscellaneous Employees Hired 2013 and later: 2017 CalPERS 2.0% @62 Rates for Miscellaneous Employees

COSTS FOR RETIREE COVERAGE

Retiree liabilities are based on actual retiree premium plus an implicit rate subsidy of 58.7% of non-Medicare medical premium. Liabilities for active participants are based on the first year costs shown below, which include the implicit rate subsidy. Subsequent years' costs are based on first year costs adjusted for trend and limited by any COMB contribution caps.

<i>Participant Type</i>	<i>Future Retirees Pre-65</i>	<i>Future Retirees Post-65</i>
All Participants	Not Grandfathered (employer portion of premium): \$10,702 Not Grandfathered (implicit rate subsidy): \$6,282 Grandfathered (employer portion of premium): \$19,263 Grandfathered (implicit rate subsidy): \$11,307	Not Grandfathered: \$5,180 Grandfathered: \$9,324

PARTICIPATION RATES

<i>Employee Type</i>	<i><65 Non-Medicare Participation %</i>	<i>65+ Medicare Participation %</i>
All Participants	Not Grandfathered: 95% Grandfathered: 100%	Not Grandfathered: 95% Grandfathered: 100%

TURNOVER

<i>Employee Type</i>	<i>Turnover Rate Tables</i>
Miscellaneous	2017 CalPERS Turnover for Miscellaneous Employees

SPOUSE PREVALENCE

To the extent not provided and when needed to calculate benefit liabilities, 80% of retirees assumed to be married at retirement. After retirement, the percentage married is adjusted to reflect mortality.

SPOUSE AGES

To the extent spouse dates of birth are not provided and when needed to calculate benefit liabilities, female spouse assumed to be three years younger than male.

AGING FACTORS

We used aging factors from "Health Care Costs - From Birth to Death" prepared by Dale Yamamoto and published in 2013 by the Society of Actuaries as part of the Health Care Cost Institute's Independent Report Series - Report 2013-1.

Total Compensation Systems, Inc.

PART IV: APPENDICES

APPENDIX A: DEMOGRAPHIC DATA BY AGE

ELIGIBLE ACTIVE EMPLOYEES BY AGE AND SERVICE

	<i>Total</i>	<i>Under 5 Years of Service</i>	<i>5 – 9 Years of Service</i>	<i>10 – 14 Years of Service</i>	<i>15 – 19 Years of Service</i>	<i>20 – 24 Years of Service</i>	<i>25 – 29 Years of Service</i>	<i>30 – 34 Years of Service</i>	<i>Over 34 Years of Service</i>
Under 25	0								
25 – 29	1	1							
30 – 34	3	3							
35 – 39	1	1							
40 – 44	3	1	1		1				
45 – 49	0								
50 – 54	1		1						
55 – 59	1						1		
60 – 64	2				2				
65 and older	1	1							
Total	13	7	2	0	3	1	0	0	0

ELIGIBLE RETIREES BY AGE AND EMPLOYEE CLASS

<i>Age</i>	<i>Total</i>
Under 50	0
50 – 54	0
55 – 59	1
60 – 64	1
65 – 69	2
70 – 74	5
75 – 79	0
80 – 84	0
85 – 89	0
90 and older	0
Total	9

APPENDIX B: ADMINISTRATIVE BEST PRACTICES

It is outside the scope of this report to make specific recommendations of actions COMB should take to manage the liability created by the current retiree health program. The following items are intended only to allow COMB to get more information from this and future studies. Because we have not conducted a comprehensive administrative audit of COMB's practices, it is possible that COMB is already complying with some or all of these suggestions.

- We suggest that COMB maintain an inventory of all benefits and services provided to retirees – whether contractually or not and whether retiree-paid or not. For each, COMB should determine whether the benefit is material and subject to GASB 74 and/or 75.
- Under GASB 75, it is important to isolate the cost of retiree health benefits. COMB should have all premiums, claims and expenses for retirees separated from active employee premiums, claims, expenses, etc. To the extent any retiree benefits are made available to retirees over the age of 65 – *even on a retiree-pay-all basis* – all premiums, claims and expenses for post-65 retiree coverage should be segregated from those for pre-65 coverage. Furthermore, COMB should arrange for the rates or prices of all retiree benefits to be set on what is expected to be a self-sustaining basis.
- COMB should establish a way of designating employees as eligible or ineligible for future OPEB benefits. Ineligible employees can include those in ineligible job classes; those hired after a designated date restricting eligibility; those who, due to their age at hire cannot qualify for COMB-paid OPEB benefits; employees who exceed the termination age for OPEB benefits, etc.
- Several assumptions were made in estimating costs and liabilities under COMB's retiree health program. Further studies may be desired to validate any assumptions where there is any doubt that the assumption is appropriate. (See Part III of this report for a summary of assumptions.) For example, COMB should maintain a retiree database that includes – in addition to date of birth, gender and employee classification – retirement date and (if applicable) dependent date of birth, relationship and gender. It will also be helpful for COMB to maintain employment termination information – namely, the number of OPEB-eligible employees in each employee class that terminate employment each year for reasons other than death, disability or retirement.

Total Compensation Systems, Inc.

APPENDIX C: GASB 74/75 ACCOUNTING ENTRIES AND DISCLOSURES

This report does not necessarily include the entire accounting values. As mentioned earlier, there are certain deferred items that are employer-specific. COMB should consult with its auditor if there are any questions about what, if any, adjustments may be appropriate.

GASB 74/75 include a large number of items that should be included in the Note Disclosures and Required Supplementary Information (RSI) Schedules. Many of these items are outside the scope of the actuarial valuation. However, following is information to assist COMB in complying with GASB 74/75 disclosure requirements:

Paragraph 50: **Information about the OPEB Plan**

Most of the information about the OPEB plan should be supplied by COMB. Following is information to help fulfill Paragraph 50 reporting requirements.

50.c: Following is a table of plan participants

	Number of Participants
Inactive Employees Currently Receiving Benefit Payments	9
Inactive Employees Entitled to But Not Yet Receiving Benefit Payments*	0
Participating Active Employees	13
Total Number of participants	22

*We were not provided with information about any terminated, vested employees

Paragraph 51: **Significant Assumptions and Other Inputs**

Shown in Part III.

Paragraph 52: **Information Related to Assumptions and Other Inputs**

The following information is intended to assist COMB in complying with the requirements of Paragraph 52.

52.b: Mortality Assumptions Following are the tables the mortality assumptions are based upon. Inasmuch as these tables are based on appropriate populations, and that these tables are used for pension purposes, we believe these tables to be the most appropriate for the valuation.

Mortality Table	2017 CalPERS Mortality for Miscellaneous and Schools Employees
Disclosure	The mortality assumptions are based on the 2017 CalPERS Mortality for Miscellaneous and Schools Employees table created by CalPERS. CalPERS periodically studies mortality for participating agencies and establishes mortality tables that are modified versions of commonly used tables. This table incorporates mortality projection as deemed appropriate based on CalPERS analysis.

Total Compensation Systems, Inc.

Mortality Table	2017 CalPERS Retiree Mortality for Miscellaneous and Schools Employees
Disclosure	The mortality assumptions are based on the 2017 CalPERS Retiree Mortality for Miscellaneous and Schools Employees table created by CalPERS. CalPERS periodically studies mortality for participating agencies and establishes mortality tables that are modified versions of commonly used tables. This table incorporates mortality projection as deemed appropriate based on CalPERS analysis.

52.c: Experience Studies Following are the tables the retirement and turnover assumptions are based upon. Inasmuch as these tables are based on appropriate populations, and that these tables are used for pension purposes, we believe these tables to be the most appropriate for the valuation.

Retirement Tables

Retirement Table	2017 CalPERS 2.0% @55 Rates for Miscellaneous Employees
Disclosure	The retirement assumptions are based on the 2017 CalPERS 2.0% @55 Rates for Miscellaneous Employees table created by CalPERS. CalPERS periodically studies the experience for participating agencies and establishes tables that are appropriate for each pool.

Retirement Table	2017 CalPERS 2.0% @62 Rates for Miscellaneous Employees
Disclosure	The retirement assumptions are based on the 2017 CalPERS 2.0% @62 Rates for Miscellaneous Employees table created by CalPERS. CalPERS periodically studies the experience for participating agencies and establishes tables that are appropriate for each pool.

Turnover Tables

Turnover Table	2017 CalPERS Turnover for Miscellaneous Employees
Disclosure	The turnover assumptions are based on the 2017 CalPERS Turnover for Miscellaneous Employees table created by CalPERS. CalPERS periodically studies the experience for participating agencies and establishes tables that are appropriate for each pool.

For other assumptions, we use actual plan provisions and plan data.

52.d: The alternative measurement method was not used in this valuation.

52.e: NOL using alternative trend assumptions The following table shows the Net OPEB Liability with a healthcare cost trend rate 1% higher and 1% lower than assumed in the valuation.

	Trend 1% Lower	Valuation Trend	Trend 1% Higher
Net OPEB Liability	\$2,948,805	\$3,357,104	\$3,857,745

Paragraph 53:

Discount Rate

Total Compensation Systems, Inc.

The following information is intended to assist COMB to comply with Paragraph 53 requirements.

53.a: A discount rate of 3.54% was used in the valuation. The interest rate used in the prior valuation was 2.16%.

53.b: We assumed that all contributions are from the employer.

53.c: There are no plan assets.

53.d: The interest assumption reflects a municipal bond rate. We used the Bond Buyer 20 Index at June 30, 2022 resulting in a rate of 3.54%.

53.e: Not applicable.

53.f: There are no plan assets.

53.g: The following table shows the Net OPEB liability with a discount rate 1% higher and 1% lower than assumed in the valuation.

	Discount Rate 1% Lower	Valuation Discount Rate	Discount Rate 1% Higher
Net OPEB Liability	\$3,792,012	\$3,357,104	\$2,996,256

Paragraph 55: Changes in the Net OPEB Liability

Please see reconciliation on pages 2 or 12.

Paragraph 56: Additional Net OPEB Liability Information

The following information is intended to assist COMB to comply with Paragraph 56 requirements.

56.a: The valuation date is June 30, 2022.

The measurement date is June 30, 2022.

56.b: We are not aware of a special funding arrangement.

56.c: The interest assumption changed from 2.16% to 3.54%.

56.d: Post-65 coverage limited to UHC or Kaiser Plan only

56.e: Not applicable

56.f: To be determined by the employer

56.g: To be determined by the employer

56.h: Other than contributions after the measurement, all deferred inflow and outflow balances are shown on page 12 and in Appendix D

56.i: Future recognition of deferred inflows and outflows is shown in Appendix D

Paragraph 57: Required Supplementary Information

57.a: Please see reconciliation on pages 2 or 12. Please see the notes for Paragraph 244 below for more information.

57.b: These items are provided on pages 2 and 12 for the current valuation, except for covered payroll, which should be determined based on appropriate methods.

57.c: We have not been asked to calculate an actuarially determined contribution amount. We assume COMB contributes on an ad hoc basis, but in an amount sufficient to

Total Compensation Systems, Inc.

fully fund the obligation over a period not to exceed 26 years.
57.d: We are not aware that there are any statutorily or contractually established contribution requirements.

Paragraph 58: **Actuarially Determined Contributions**

We have not been asked to calculate an actuarially determined contribution amount. We assume COMB contributes on an ad hoc basis, but in an amount sufficient to fully fund the obligation over a period not to exceed 26 years.

Paragraph 244: **Transition Option**

Prior periods were not restated due to the fact that prior valuations were not rerun in accordance with GASB 75. It was determined that the time and expense necessary to rerun prior valuations and to restate prior financial statements was not justified.

Total Compensation Systems, Inc.

APPENDIX D: DEFERRED OUTFLOWS OF RESOURCES AND DEFERRED INFLOWS OF RESOURCES

EXPERIENCE GAINS AND LOSSES

Measurement Period	Experience (Gain)/Loss	Original Recognition Period (Years)	Amounts Recognized in OPEB Expense through 2021	Increase (Decrease) in OPEB Expense Arising from the Recognition of Effects of Experience Gains and Losses (Measurement Periods)							
				2022	Amounts to be Recognized in OPEB Expense after 2022	2023	2024	2025	2026	2027	Thereafter
2019-20	(\$730,130)	10.3	(\$141,774)	(\$70,887)	(\$517,469)	(\$70,887)	(\$70,887)	(\$70,887)	(\$70,887)	(\$70,887)	(\$163,034)
2021-22	(\$75,021)	9.3	\$0	(\$8,067)	(\$66,954)	(\$8,067)	(\$8,067)	(\$8,067)	(\$8,067)	(\$8,067)	(\$26,619)
Net Increase (Decrease) in OPEB Expense			(\$141,774)	(\$78,954)	(\$584,423)	(\$78,954)	(\$78,954)	(\$78,954)	(\$78,954)	(\$78,954)	(\$189,653)

Total Compensation Systems, Inc.

CHANGES OF ASSUMPTIONS

**Increase (Decrease) in OPEB Expense Arising from the Recognition of Effects of
Changes of Assumptions
(Measurement Periods)**

Measurement Period	Changes of Assumptions	Original Recognition Period (Years)	Amounts Recognized in OPEB Expense through 2021	Amounts to be Recognized in OPEB Expense after 2022								
				2022	2023	2024	2025	2026	2027	Thereafter		
2018-19	\$238,389	9.8	\$72,978	\$24,326	\$141,085	\$24,326	\$24,326	\$24,326	\$24,326	\$24,326	\$24,326	\$19,455
2019-20	\$835,434	10.3	\$162,222	\$81,111	\$592,101	\$81,111	\$81,111	\$81,111	\$81,111	\$81,111	\$81,111	\$186,546
2020-21	\$35,409	10.3	\$3,438	\$3,438	\$28,533	\$3,438	\$3,438	\$3,438	\$3,438	\$3,438	\$3,438	\$11,343
2021-22	(\$623,479)	9.3	\$0	(\$67,041)	(\$556,438)	(\$67,041)	(\$67,041)	(\$67,041)	(\$67,041)	(\$67,041)	(\$67,041)	(\$221,233)
Net Increase (Decrease) in OPEB Expense			\$238,638	\$41,834	\$205,281	\$41,834	\$41,834	\$41,834	\$41,834	\$41,834	\$41,834	(\$3,889)

Total Compensation Systems, Inc.

INVESTMENT GAINS AND LOSSES

Increase (Decrease) in OPEB Expense Arising from the Recognition of Effects of Investment Gains and Losses (Measurement Periods)

Measurement Period	Investment (Gain)/Loss	Original Recognition Period (Years)	Amounts Recognized in OPEB Expense through 2021	2022	Amounts to be Recognized in OPEB Expense after 2022	2023	2024	2025	2026	2027	Thereafter
2021-22	\$0	0	\$0	\$0	\$0						
Net Increase (Decrease) in OPEB Expense			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Total Compensation Systems, Inc.

APPENDIX E: GLOSSARY OF RETIREE HEALTH VALUATION TERMS

Note: The following definitions are intended to help a *non-actuary* understand concepts related to retiree health valuations. Therefore, the definitions may not be actuarially accurate.

<u>Actuarial Cost Method:</u>	A mathematical model for allocating OPEB costs by year of service. The only actuarial cost method allowed under GASB 74/75 is the entry age actuarial cost method.
<u>Actuarial Present Value of Projected Benefit Payments:</u>	The projected amount of all OPEB benefits to be paid to current and future retirees discounted back to the valuation or measurement date.
<u>Deferred Inflows/Outflows of Resources:</u>	A portion of certain items that can be deferred to future periods or that weren't reflected in the valuation. The former includes investment gains/losses, actuarial gains/losses, and gains/losses due to changes in actuarial assumptions or methods. The latter includes contributions made to a trust subsequent to the measurement date but before the statement date.
<u>Discount Rate:</u>	Assumed investment return net of all investment expenses. Generally, a higher assumed interest rate leads to lower service costs and total OPEB liability.
<u>Fiduciary Net Position:</u>	Net assets (liability) of a qualifying OPEB "plan" (i.e. qualifying irrevocable trust or equivalent arrangement).
<u>Implicit Rate Subsidy:</u>	The estimated amount by which retiree rates are understated in situations where, for rating purposes, retirees are combined with active employees and the employer is expected, in the long run, to pay the underlying cost of retiree benefits.
<u>Measurement Date:</u>	The date at which assets and liabilities are determined in order to estimate TOL and NOL.
<u>Mortality Rate:</u>	Assumed proportion of people who die each year. Mortality rates always vary by age and often by sex. A mortality table should always be selected that is based on a similar "population" to the one being studied.
<u>Net OPEB Liability (NOL):</u>	The Total OPEB Liability minus the Fiduciary Net Position.
<u>OPEB Benefits:</u>	Other Post Employment Benefits. Generally, medical, dental, prescription drug, life, long-term care or other postemployment benefits that are not pension benefits.
<u>OPEB Expense:</u>	This is the amount employers must recognize as an expense each year. The annual OPEB expense is equal to the Service Cost plus interest on the Total OPEB Liability (TOL) plus change in TOL due to plan changes minus projected investment income; all adjusted to reflect deferred inflows and outflows of resources.
<u>Participation Rate:</u>	The proportion of retirees who elect to receive retiree benefits. A lower participation rate results in lower service cost and a TOL. The participation rate often is related to retiree contributions.

Total Compensation Systems, Inc.

<u>Pay As You Go Cost:</u>	The projected benefit payments to retirees in a given year as estimated by the actuarial valuation. Actual benefit payments are likely to differ from these estimated amounts. For OPEB plans that do not pre-fund through an irrevocable trust, the Pay As You Go Cost serves as an estimated amount to budget for annual OPEB payments.
<u>Retirement Rate:</u>	The proportion of active employees who retire each year. Retirement rates are usually based on age and/or length of service. (Retirement rates can be used in conjunction with the service requirement to reflect both age and length of service). The more likely employees are to retire early, the higher service costs and actuarial accrued liability will be.
<u>Service Cost:</u>	The annual dollar value of the “earned” portion of retiree health benefits if retiree health benefits are to be fully accrued at retirement.
<u>Service Requirement:</u>	The proportion of retiree benefits payable under the OPEB plan, based on length of service and, sometimes, age. A shorter service requirement increases service costs and TOL.
<u>Total OPEB Liability (TOL):</u>	The amount of the actuarial present value of projected benefit payments attributable to participants’ past service based on the actuarial cost method used.
<u>Trend Rate:</u>	The rate at which the employer’s share of the cost of retiree benefits is expected to increase over time. The trend rate usually varies by type of benefit (e.g. medical, dental, vision, etc.) and may vary over time. A higher trend rate results in higher service costs and TOL.
<u>Turnover Rate:</u>	The rate at which employees cease employment due to reasons other than death, disability or retirement. Turnover rates usually vary based on length of service and may vary by other factors. Higher turnover rates reduce service costs and TOL.
<u>Valuation Date:</u>	The date as of which the OPEB obligation is determined by means of an actuarial valuation. Under GASB 74 and 75, the valuation date does not have to coincide with the statement date, but can’t be more than 30 months prior.

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: **Bartlett, Pringle Wolf, LLP Presentation of the Annual Comprehensive Financial Report (ACFR) – Fiscal Year Ending June 30, 2022**

RECOMMENDATION:

The Board of Directors receive and file the Fiscal Year (FY) 2021-22 Annual Comprehensive Financial Report and Letter of Required Communications.

SUMMARY:

Pursuant to the State Controller's office, the Cachuma Operation & Maintenance Board (COMB) JPA agreement and by various other financial institutions and agencies, COMB is required to undergo an annual audit examination conducted by an independent public auditing firm selected by the COMB Board. The external auditor presents the COMB Board with audited financial statements in accordance with Government Auditing Standards issued by the Comptroller General of the United States and the State Controller's Minimum Audit Requirements for California Special Districts. The external auditor expresses an opinion about whether the financial statements fairly represent the financial position of COMB.

Management assumes full responsibility for the completeness and reliability of the information contained in the report, based upon a comprehensive framework of internal controls established for this purpose. To the best of our knowledge, the information presented in the current report is accurate in all material aspects and includes all disclosures necessary to enable the reader to gain an understanding of COMB's financial activities.

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

Starting with FY 2016-17, COMB staff enhanced the annual audit report to go beyond the minimum requirements of generally accepted accounting principles and prepared an Annual Comprehensive Audit Report (ACFR, or previously CAFR). The ACFR consists of three sections: Introductory, Financial and Statistical. The Introductory section provides general information on COMB's organizational structure, its services and local economy. The Financial section presents COMB's basic financial statements as well as notes to the statements and the independent auditors' report. The Statistical section provides additional financial and statistical data, including data about financial trends that may better inform the reader about COMB's activities.

COMB received a Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association for its FY 2020-21 ACFR. This is the fifth consecutive year that COMB received this prestigious award. In order to be awarded a Certificate of Achievement, COMB had to publish an easily readable and efficiently organized ACFR that satisfied generally accepted accounting principles and applicable program requirements. The Certificate of Achievement is valid for a period of one fiscal year. However, we believe our current ACFR meets the Certificate of Achievement for Excellence in Financial Reporting Program's requirements and will be submitting to the GFOA to determine its eligibility for a subsequent certificate.

Bartlett Pringle Wolf, LLP (BPW), certified public accountants, completed the audit of COMB's financial statements and internal controls as of June 30, 2022. BPW issued an unmodified ("clean") opinion, concluding there are no management concerns or reportable conditions affiliated with the audit. The audited financial statements include the basic financial statements, the Independent Auditor's Report, and the notes to the financial statements and is located in the financial section of the ACFR.

Management's discussion and analysis (MD&A) immediately follows the independent auditor's report and provides a narrative introduction, overview, and analysis of the basic financial statements. The introduction, MD&A and Statistical section are complementary reports, which together are intended to provide a comprehensive view of COMB's finances and operations.

A copy of the FY 2021-22 Draft ACFR and the Letter of Required Communications has been attached to the staff memorandum. The substantive portions of the Draft ACFR and the Notes to the Financial Statement will be brought to the Administrative Committee's attention during BPW's presentation.

COMMITTEE STATUS:

The Administrative Committee received a presentation of the draft FY 2021-22 COMB ACFR and Letter of Required Communications and forwards to the Board of Directors with a recommendation to receive and file.

LIST OF EXHIBITS:

1. FY 2021-22 Annual Comprehensive Financial Report
2. Letter of Required Communications

Cachuma Operation & Maintenance Board

ANNUAL COMPREHENSIVE FINANCIAL REPORT



***For the Fiscal Years Ended
June 30, 2022 and 2021***



A California Joint Powers Authority

Exhibit #1

Page 1

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Cachuma Operation & Maintenance Board
Santa Barbara, California

Annual Comprehensive Financial Report

For the Fiscal Years Ended
June 30, 2022 and 2021

Staff Contributors:

Janet Gingras, General Manager
Edward Lyons, Administrative Manager / CFO
Dorothy Turner, Administrative Assistant II
Perri Wolfe, Administrative Analyst

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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.*



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Cachuma Operation & Maintenance Board

BOARD OF DIRECTORS AS OF JUNE 30, 2022

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

DIVISION MANAGERS

Edward Lyons, Administrative Manager / CFO

Joel Degner, Engineer / Operations Division Manager

Tim Robinson, Fisheries Division Manager

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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
South Coast Conduit 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

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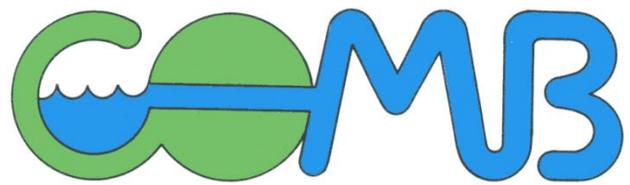
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**INTRODUCTORY
SECTION**

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Cachuma Operation & Maintenance Board

December 19, 2022

Honorable Members of the Board of Directors
Cachuma Operation & Maintenance Board

We are pleased to submit the Annual Comprehensive Financial Report (ACFR) of the Cachuma Operation & Maintenance Board (COMB) for fiscal year ended June 30, 2022 with comparative information for fiscal year ended June 30, 2021.

The report is presented to provide the COMB Board of Directors, its Member Agencies, stakeholders and the community detailed information about the financial condition and operating results of COMB. COMB staff worked collectively through our auditors and followed guidelines set forth by the Governmental Accounting Standards Board to prepare this report. The ACFR is presented in conformity with generally accepted accounting principles (GAAP).

Management assumes full responsibility for the completeness and reliability of the information contained in this report, based upon a comprehensive framework of internal controls established for this purpose. Because the cost of internal controls should not exceed anticipated benefits, the objective is to provide reasonable, rather than absolute, assurance that the financial statements are free of any material misstatements.

COMB requires that its financial statements be audited by a certified public accountant selected by the COMB Board of Directors. Bartlett Pringle Wolf, LLP (BPW), certified public accountants, have issued an unmodified (“clean”) opinion on COMB’s financial statements for years ended June 30, 2022 and 2021.

The independent auditor’s report is located at the front of the financial section of this report. Management’s discussion and analysis (MD&A) immediately follows the independent auditor’s report and provides a narrative introduction, overview, and analysis of the basic financial statements. This introduction and the MD&A are complementary reports, which together are intended to provide a comprehensive view of the COMB’s finances and operations.

Profile of COMB

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 current 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.

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 (JPA) formed in 1956 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 1956, 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. The Santa Ynez River Conservation District, ID No. 1 (ID No.1), an original member of the JPA, notified the COMB Board of its intent to unilaterally withdraw from COMB on May 27, 2016. A Separation Agreement was entered into by ID No. 1 and COMB, and was approved by all parties effective August 28, 2018.

Officials of COMB

COMB operates under the general direction of four elected officials who are appointed by their individual representative water agencies/councils to serve on the COMB Board of Directors. The Board engages an external General Counsel for legal matters and a Certified Public Accounting Firm for external audit review. The Board directly employs a General Manager to oversee the administration and day-to-day operations of all divisions. An executive team performs under the direction of the General Manager and consists of three managers responsible for effective operation of the Administrative Division, the Operations Division, the Fisheries Division and Engineering.

The Board of Directors is responsible for governance and policy creation, and provides direction for implementation of those policies to the General Manager.

Overview**Transferred Project Works Contract**

On February 24, 1956, the U.S. Bureau of Reclamation, the original Cachuma Project Member Units, and the Santa Barbara County Water Agency entered into a contract that provided for the transfer of Operation and Maintenance (O&M) of Transferred Project works to the original Member Units. The O&M contract has been amended by amendatory contracts since that time, one of which was executed with COMB as the contractor. In March 2003, Reclamation entered into a new contract with the COMB for the operation and care of the transferred project works including the Tecolote Tunnel and the South Coast Conduit system. The contract remained in effect through September 30, 2020. COMB initiated the contract renewal process with Reclamation during fiscal year 2019-20. In September 2020, Reclamation and COMB executed a three-year amendatory contract to allow for the completion of a long-term agreement.

COMB is responsible for diversion of water to the South Coast through the Tecolote Tunnel, and operation and maintenance of the South Coast Conduit pipeline, flow control valves, meters, and instrumentation at control stations, and turnouts along the South Coast Conduit and at four regulating reservoirs. COMB coordinates closely with the Bureau of Reclamation and Member Agencies' staff to ensure that water supplies meet daily demands. COMB staff reads meters and accounts for Project water deliveries on a monthly basis, and performs repairs and preventive maintenance on Project facilities and equipment. COMB safeguards Project lands and rights-of-way on the South Coast as the contractor for Reclamation. COMB is responsible for issuing Project water production and use reports, operations reports, fisheries reports, and financial and investment reports which track operation and maintenance expenditures.

National Marine Fisheries Service**Biological Opinion and Fish Management Plan**

The United States Bureau of Reclamation currently operates and maintains Bradbury Dam and associated water transport and delivery structures, collectively known as the Cachuma Project on and near the Santa Ynez River the Cachuma Project Member Units. The Santa Ynez River is about 900 square miles in watershed area with Bradbury Dam located approximately 48 miles from the Pacific Ocean.

The National Marine Fisheries Services (NMFS) is the United States federal agency that oversees protection of Southern California steelhead (*Oncorhynchus mykiss*, *O. mykiss*). The Cachuma Project Biological Opinion (BO or BiOP) and the Lower Santa Ynez River Fish Management Plan (FMP) were issued in 2000 for implementation of steelhead management actions developed over many years of study by the Cachuma Project Member Units. The BO 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.

**National Marine Fisheries Service
Biological Opinion and Fish Management Plan (Continued)**

The goal is to provide 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.

On behalf of the U. S. Bureau of Reclamation, COMB is responsible for implementation of the 2000 Biological Opinion and Fish Management Plan related to the Cachuma Project on the Santa Ynez River. 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 Biological Opinion. In addition, a consensus based, long-term Fish Management Program 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 to the mainstem 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.

Drought Response and Management

The Cachuma Project was designed primarily as a gravity flow system; however, when the lake level recedes below the lowest gate on the Intake Tower during severe drought, Cachuma Project water and State Water Project (SWP) water cannot be transported to the South Coast by gravity. Under these conditions, water must be pumped from deeper parts of the lake to the Intake Tower. Without the drought-period operation of an emergency pump and pipeline, water service would be interrupted, causing a widespread immediate threat to public health and safety within Goleta, Santa Barbara, Montecito, Summerland and Carpinteria.

During a drought period, the COMB Member Agencies dramatically increase their conservation efforts in order to minimize the impact of water shortages on the community. Drought conditions can last many years. The reductions in Cachuma Project water supplies have a major impact on water supply management for the COMB Member Agencies.

On July 8, 2021, amid intensifying drought and record-breaking temperatures across the Western United States, the Governor of California added nine counties including Santa Barbara County to the regional drought state of emergency proclamation. The emergency proclamation will enable state agencies to more quickly and effectively support drought response through actions such as expediting purchasing and contracting to complete projects that are imperative to water supplies. The Governor also called on Californians to voluntarily reduce their water use by fifteen percent with simple measures to protect water reserves if drought conditions continue, and to help maintain critical flows for fish and wildlife wherever possible.

Drought Response and Management (Continued)

The State Water Resources Control Board and the Department of Water Resources will monitor progress on voluntary conservation, reservoir storage, soil moisture and other metrics in the coming months to determine whether additional drought response actions are needed.

As of June 30, 2022, the elevation in Lake Cachuma was 706 feet, which equates to 82,339 acre-feet of water (or 42.7% capacity). State Water Project deliveries for 2022 are currently set at 5%. COMB staff has developed a lake elevation projection model for forecasting lake elevations and has implemented a regime to request Member Agencies' projected imports and exports on a periodic basis as part of its ongoing planning process. If drought conditions persist, the level of the lake is projected to fall below the elevation needed for water to flow unassisted into the Tecolote Tunnel and the South Coast distribution system by the summer of 2023 resulting in the re-establishment of the Emergency Pumping Facility Project (EPFP). An Emergency Pumping Facility (EPF), which included a pumping barge and a temporary floating pipeline, was used during 2014-2016.

The budget for FY 2022-23 includes the installation of a secured pipeline at Lake Cachuma. The secured pipeline is a 3600-ft long HDPE pipeline that will be connected to a pumping barge in times of drought to ensure continued water deliveries. The Secured Pipeline Project will also re-establish the capability to draft from the original Gate 5 elevation (660') and allow higher quality water (lower temperature and organic carbon) to be diverted to the Tecolote Tunnel under normal operations. COMB was awarded \$3M in grant funding which will be applied to the Secured Pipeline Project. Further details of this funding opportunity is provided on page 26.

Coronavirus (COVID-19)

On January 30, 2020, the World Health Organization declared the novel coronavirus outbreak, COVID-19, a "Public Health Emergency of International Concern" and on March 10, 2020, declared it a pandemic. Immediately following the declaration, COMB and its Member Agencies increased their regional coordination and communication to ensure safe and secure water service to the region. Public water supplies remain safe to drink due to numerous robust treatment processes used by local water agencies that includes filtration and disinfection. According to the Environmental Protection Agency (EPA), the World Health Organization (WHO), and the Centers for Disease Control and Prevention (CDC) the COVID-19 virus has not been detected in drinking water supplies, and based on current evidence, the risk to water supplies remains low.

As of June 30, 2022, the pandemic still persists and the declared state of emergency remains in place. COMB coordinates closely with the Santa Barbara County Health Department and follows all guidelines from the California Department of Public Health (CDPH) and Centers for Disease Control and Prevention (CDC). Additionally, COMB has updated its emergency response plans and is well prepared to maintain operations in the event of a crisis. COMB's top priority is to keep its employees, Member Agency staff, contractors, and vendors safe and healthy so we can continue to serve our community.

Local Economy

Santa Barbara County is located approximately 100 miles north of Los Angeles and 300 miles south of San Francisco. The largest employment sectors include services, wholesale and retail trade, public administration, farming and manufacturing. The mild climate, picturesque coastline, scenic mountains, and numerous parks and beaches make Santa Barbara County a popular tourist and recreational area. The County spans over 2,700 square miles and includes an estimated population of 441,170.



Santa Barbara Mission

At the beginning of calendar year 2020, the actions taken around the world to help mitigate the spread of the coronavirus included restrictions on travel, and quarantines in certain areas, and forced closures of certain types of public places and businesses. Through much of calendar year 2020 and into 2021, the coronavirus and actions taken to mitigate it had an adverse impact on national and regional economies and the financial markets.

In the spring of 2021, certain sectors began to show recovery as vaccinations became available and restrictions were loosened. The County's average unemployment rate during fiscal year 2021-22 decreased from 7.3% to 4%. The June 2022 County unemployment rate of 2.8% was below the State unemployment rate of 4% and below the national unemployment rate of 3.8% ⁽¹⁾

Countywide estimated retail sales increased 18% to 9.94 billion for fiscal year 2021-22. In the Leisure and Hospitality sector, countywide estimated room sales increased by 54.9% to \$696.4 million. Countywide estimated Transient Occupancy Tax (TOT) revenue increased by 54.3% to \$82.3 million and Southern Santa Barbara County hotel room rates increased by 32.6% while available hotel room decreased by 1.3% from the previous fiscal year with a hotel occupancy rate of 72.9%. ⁽¹⁾

The real estate market continued its upward trend in price increases. The countywide median home prices increased 25.2% to \$879,426. ⁽¹⁾ In the southern portion of Santa Barbara County, median home prices have increased to \$2,207,500 up from \$1,410,000 from prior year.

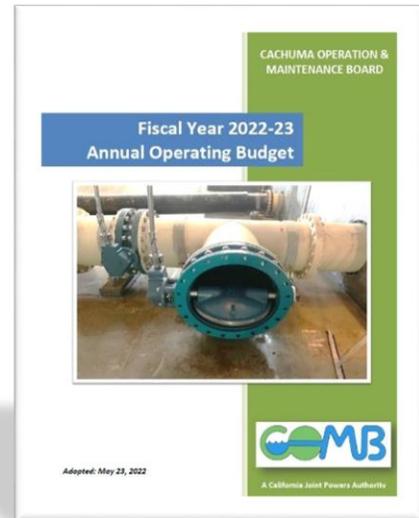
In the spring of 2022, the United States experienced a slowdown in recovery due to the military action in Europe (Ukraine invasion) as well as a spike in national inflation. For the twelve months ending June 2022, the annual inflation was 9.1%, the highest level since the end of 1981. Much of the inflation rise came from gasoline prices, which increased 11.2% during the month and 60% for the 12-month period.⁽²⁾ Locally, rising costs for essential materials and supplies have placed additional pressure on COMB and our Members Agencies. Staff has worked aggressively to maintain costs in all areas by improving operating efficiencies and effectively utilizing internal resources when possible to achieve our objectives.

⁽¹⁾ Source: Santa Barbara County

⁽²⁾ Source: CNBC

Financial Planning

COMB operates under an annual budget, which is adopted by the Board in accordance with established short and long-term financial plans. The development and adoption of an annual budget is based on the Board's financial and operational policies. Its purpose is to maintain fiscal stability by providing a structural balance between revenues and expenditures and to identify programs of work COMB has pledged to support. In addition, the budget provides the financial resources necessary to achieve or advance management strategies and goals. It serves as a financial road map and communication tool describing programs of work, resource requirements, and functions as a guideline in accomplishing our mission in the most efficient, fiscally sustainable manner while ensuring maximum value to our Member Agencies. The COMB Budget can be found on the COMB website at www.cachuma-board.org/comb-budget.

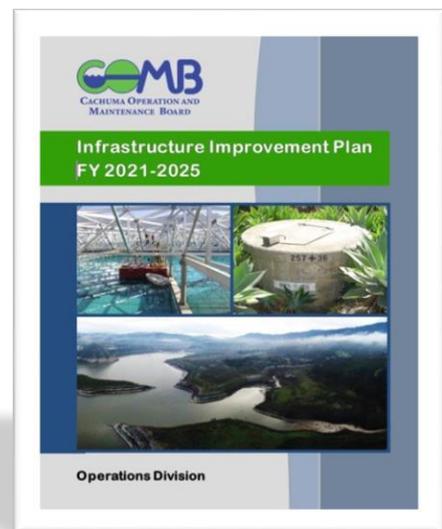


The Government Finance Officers Association recommends that all governmental entities use some form of strategic planning to provide a long-term perspective for service delivery and budgeting. COMB has developed a comprehensive five-year Infrastructure Improvement Plan (IIP) that is used as an internal guideline for forecasting, budgeting and long term financial planning. COMB has updated the plan for FY 2021-25. The COMB IIP, including cost projections, can be found on the COMB website at www.cachuma-board.org/infrastructure-improvement-program.

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 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.

COMB staff actively pursues outside funding sources for all infrastructure improvement projects. Outside funding sources, such as grants, are used to finance only those improvement projects that are consistent with the Five-Year Infrastructure Improvement Project Plans and COMB priorities, and whose operating and maintenance costs have been included in future operating budget forecasts.

Board policy requires that all projects be approved through Committee and by the Board prior to commencement.



FY 2021-22 Accomplishments

During fiscal year 2021-22, COMB continued to focus its efforts on water supply reliability, infrastructure improvements, environmental stewardship, policies and financial responsibility, and improving workforce capabilities. Outlined below are highlights of accomplishments during this past fiscal year.

Engineering and Operations Division**South Coast Conduit Pipeline Rehabilitation and Protection Measures**

- Commenced Schedule F of the South Coast Conduit Air Vacuum Air Release/Blow Off (AVAR/BO) Rehabilitation project in the Carpinteria area. External contractor rehabilitated four out of twelve structures with construction management performed by COMB staff. The remaining eight structures in the Carpinteria reach will require coordinated shutdowns in future years.
- Completed the La Mirada Isolation Valve project. The installation of the isolation valve will provide COMB with the operational flexibility to perform a shutdown of the South Coast Conduit (SCC) to rehabilitate three air valves and two blowoff structures including the two remaining subgrade air valves on the South Coast Conduit.
- Replaced the Toro canyon meter with a more advanced ultrasonic meter that has the capability to register a lower range of water flow.
- Performed an emergency leak repair to the Ortega outlet pipeline located at Ortega Reservoir. The last emergency repair for a leak on the South Coast Conduit system was in 2008. COMB was able to coordinate operations and the shutdown with its Member Agencies so that there were no customer outages during the repair. COMB was also able to complete four U.S. Bureau of Reclamation recommendations during the shutdown.
- Performed emergency repairs to the Goleta West Conduit with the assistance of an external contractor. The repair involved removing the damaged mortar coating on the pipeline, cleaning the pipeline to bare metal, and coating the pipeline with an epoxy resin reinforced with a silicon steel alloy for corrosion protection.
- Performed emergency repairs to locate six buried valve cans that were near the Schedule F AVAR/BO work at the request of the California Department of Transportation (Caltrans) as part of their upcoming paving project on Highway 192.
- Executed a Cooperative Agreement with Carpinteria Valley Water District (CVWD) to repair and rehabilitate aging infrastructure in the lower reach section of the South Coast Conduit and the CVWD distribution system.

FY 2021-22 Accomplishments (Continued)Secured Pipeline Project

- Received 100% designs for the Secured Pipeline Project from external consultant and updated project description.
- Submitted 100% designs, final design specifications, final design report, and project description to Reclamation's Environmental Compliance Branch Chief to incorporate the materials into their environmental review.
- Completed a formal bid solicitation for the construction portion of the project and awarded a construction contract to the most responsive, responsible proposer.
- Executed contracts for construction management services and engineering services during construction of project.
- All permits were obtained and all initial biological surveys were completed for the project and submitted to the regulatory agencies.

SCADA System Improvements

- Completed the Supervisory Control and Data Acquisition (SCADA) upgrade project. External consultant replaced nine Programmable Logic Controllers (PLCs) and upgraded system hardware and software as part of the COMB SCADA Master Plan.

Lake Cachuma Water Quality and Sediment Management Study

- Upgraded and calibrated the water quality sonde to take profiles including chlorophyll a and phycocyanin concentrations. Performed supplemental water quality sampling at Lake Cachuma.
- Incorporated water quality profiling at the Lake Cachuma North Portal Intake Tower and provided data to the South Coast water treatment plants' technical staff as part of a monthly sampling program.

COMB Building Replacement Project

- Replaced three aging mobile office buildings (circa 1974-1993) with newly manufactured and energy efficient mobile offices that will provide an environmentally friendly, sustainable office setting to conduct business.

Structure Maintenance and Inspection

- Operated and maintained the South Coast Conduit, which consists of 26.5 mile of pipeline with a combined 124 blow off and air vent structures, 43 turnout structures, 20 meters and 4 regulating reservoirs.

FY 2021-22 Accomplishments (Continued)Structure Maintenance and Inspection (Continued)

- Received and reviewed 1058 Underground Service Alerts (Dig Alerts) tickets and took appropriate action, as necessary.
- Monitored numerous construction projects adjacent to and within the United States Bureau of Reclamation right-of-way to ensure the protection of the South Coast Conduit.
- Installed a new pump for the Lauro reservoir debris basin. Staff cleared the debris basin in preparation for the upcoming rain season.
- Drained and cleaned the Carpinteria Reservoir in coordination with the COMB Member Agencies technical staff.
- Removed vegetation at all structure sites to ensure defensible space as required by the Santa Barbara County Fire Marshal.
- Performed weekly inspections of major facilities.
- Performed routine dam inspections and instrumentation reports (all reservoirs).
- Performed North and South reach structure maintenance as part of the annual Operating Division work plan.

Planning and Reporting

- Applied for and obtained a California Division of Drinking Water D3 Domestic Water Supply permit from the State Water Resources Control Board.
- Awarded a grant from the Department of Water Resources Urban and Multi Benefit Drought Relief Program for \$2,250,000. Funds from this opportunity will be applied towards the Lake Cachuma Secured Pipeline Project.
- Participated in the County of Santa Barbara Office of Emergency Management 2022 update to the Multi-Jurisdictional Hazard Mitigation Plan (MJHMP). COMB as a member of the Mitigation Advisory committee provided input on local hazard management activities and reviewed draft MJHMP components as part of a regional effort to update the MJHMP and annexes. The adoption of the Plan is targeted for the end of 2022.
- Updated Geographic Information Systems (GIS) mapping of the South Coast Conduit incorporating elevations based on drawings to allow evaluation of depth of cover at key locations (slopes/creek crossings).

FY 2021-22 Accomplishments (Continued)Planning and Reporting (Continued)

- Revised South Coast Conduit alignment based on potholing conducted within the easement of the South Coast Conduit. Potholed the conduit in seven locations and incorporated data into GIS system.
- Updated the COMB Infrastructure Improvement Plan for FY 2021-2025.
- Continued advancement of COMB's internal water accounting model to automate and improve monthly water accounting reports.
- Enhanced the Lake Cachuma elevation projection model for water supply and conveyance planning purposes.

Staff Recruitment and Development

- Hired and trained a Water Service Worker.
- Attended US Bureau of Reclamation dam tender training.
- Staff attended and presented at the annual Environmental Systems Research Institute (ESRI) International Users conference. The presentation titled "3D Analysis of Water Utility Pipeline and Land Elevation Changes" provided an overview of the work performed by COMB staff in modeling the South Coast Conduit and overlying land conditions in three-dimensional format. Pipeline visualization allows staff to quickly assess depth to the top of the pipe, especially at creek crossings, and track changes over time.
- Three staff members completed course work for the Drinking Water Operator Certification Program and passed the Distribution Operator II (D2) exam. COMB has two (2) D3 certified operations and three (3) D2 certified operators on staff.
- Completed required Sexual Harassment Prevention training in compliance with California AB 1825, AB 2053, and AB 1661.
- Conducted staff safety meetings.

Fisheries DivisionNMFS Biological Opinion (BiOp) and Fish Management Plan

- Conducted all 2000 BiOp compliance monitoring in the Lower Santa Ynez River (LYSR) basin and its tributaries including Lake Cachuma water quality monitoring.

FY 2021-22 Accomplishments (Continued)NMFS Biological Opinion (BiOp) and Fish Management Plan (Continued)

- Conducted all 2000 BiOp compliance monitoring in the Lower Santa Ynez River (LYSR) basin and its tributaries including Lake Cachuma water quality monitoring.
- Conducted all monitoring, analyses and reporting as requested by US Bureau of Reclamation in compliance with the State Water Board Order WR 2019-0148.
- Completed the Water Year (WY) 2021 Annual Monitoring Report (AMR) and Annual Monitoring Summary (AMS).
- Transferred all field monitoring data to Reclamation as requested and completed a QA/QC process of the entire dataset with Reclamation staff.
- Worked closely with the United States Bureau of Reclamation on all requested testing, modifications or operations of the Bradbury Dam, Hilton Creek Watering System and Hilton Creek Emergency Backup System to safeguard the fishery downstream of the dam.
- Worked closely and collaboratively with California Department of Fish and Wildlife on fish rescue in the LSYR mainstem in two different areas over several weeks due to dry conditions.
- Authored the Reasonable and Prudent Measure (RPM) 6 Compliance Report for the WR 89-18 release that occurred in 2021.
- Produced Hilton Creek Emergency Backup System Activation on Gravity Event Report.
- Completed End of Project Compliance Report, South Side Erosion Control and Reforestation Project at Quiota Creek Crossing 8.
- Developed RPM 6 Ramp-Down Stranding Event Report.
- Monitored and authored the report of the WY 2020 Passage Supplementation events.
- Completed fish scale mounting, photographing, reading, and reporting for calendar years 2020 and 2021.
- Worked with the COMB Operations Division on monitoring algae and nutrients in Lake Cachuma throughout the year.
- Continued to assist the COMB Operations Division on biological monitoring at the San Jose Creek Project as well as anywhere else needed at creek crossings of the South Coast Conduit.

FY 2021-22 Accomplishments (Continued)Oak Tree Program

- Planted 384 mitigation oak trees near Lake Cachuma as part of the surcharge operation at the Dam.
- Completed the 2020 Annual Oak Tree Survey and report that documented the status of the Lake Cachuma Oak Tree Restoration Program to the COMB Oak Tree Committee and COMB Board. The report is available on the COMB webpage at www.cachuma-board.org/oak-tree-restoration-program.
- Maintained a rigorous watering and maintenance effort of the mitigation trees in the Lake Cachuma Oak Tree Restoration Program throughout a very dry season that has shown positive results in sustaining those trees in multiple areas around the lake, within the County Park and around the dam.

Staff Development

- Continued outreach 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.
- Completed required Sexual Harassment Prevention training in compliance with California AB 1825, AB 2053, and AB 1661.

Administrative DivisionFinancial Audit / Budget Process

- Fiscal Year 2020-21 Audited Financial Statements received an unmodified (“clean”) opinion.
- Awarded the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association (GFOA) for the Fiscal Year 2020-21 Annual Comprehensive Financial Report.
- Awarded the Distinguished Budget Presentation Award from the GFOA for the FY 2021-22 COMB Operating Budget document.

Risk Management

- Completed the annual ACWA/JPIA Worker’s Compensation, Liability, and Property Risk Assessment. ACWA/JPIA reviewed COMB’s Employment Practices, Heat Illness Prevention Program, ACWA’s Risk Control and Risk Transfer Manual, and COMB’s Workers Compensation and Liability Program experience history.

FY 2021-22 Accomplishments (Continued)Risk Management (Continued)

- Received the President's Special Recognition Award from the Association of California Water Agencies. The JPIA recognizes its members that have a loss ratio of 20% or less in the Liability, Property or Worker's Compensation programs.
- Received a Retrospective Premium Adjustment (RPA) refund of \$14k from ACWA/JPIA Liability, Property and Worker's Compensation program resulting from a low claims history.
- Attended the Operational Area (OA) Santa Barbara County Office of Emergency Management (OEM) committee meetings. The OA partners meet regularly to receive updates with respect to mitigation, preparedness, planning, coordination of response and recovery activities related to county emergencies and disasters.

Information Technology / Communications

- Conducted the annual Information Technology (IT) review with COMB's outsourced IT consultant. The purpose of the meeting was to review COMB's server and network systems, identify updates to system requirements, assess current IT protocols, review data disaster recovery practices, as well as, identify potential new risks against cybersecurity threats.

Planning and Reporting

- Participated in the Santa Barbara County Integrated Regional Water Management Program (IRWMP). The Cooperating Partners of IRWMP meet regularly to promote and practice integrated regional water management strategies; to ensure sustainable water uses, reliable water supplies and water quality, environmental stewardship, efficient urban development; and protection of agricultural and watershed awareness.
- Updated COVID-19 Preparedness and Response Plan in response to Cal/OSHA mandatory controls and procedures.
- Updated COMB's Personnel Policy and Employee Handbook for labor law updates and changes.
- Advancement of Infrastructure and Habitat Improvement Project Tracking activities and costs.
- Initiated an electronic scanning project to preserve hard copy documents into an electronic database for business organization, continuity and longevity purposes.

Staff Development

- Completed required Sexual Harassment Prevention training in compliance with California AB 1825, AB 2053, and AB 1661.

Independent Audit

Under the terms and provisions of the Joint Powers Authority Agreement, COMB requires that its financial statements be audited by a Certified Public Accountant selected and approved by the COMB Board of Directors. This requirement has been satisfied and the auditor's report is included in the financial section of this report.

Awards and Acknowledgements

The Government Finance Officers Association (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to COMB for its ACFR for the fiscal years ended June 30, 2021 and 2020. This was the fifth consecutive year COMB has achieved this prestigious award. In order to be awarded a Certificate of Achievement, COMB had to publish an easily readable and efficiently organized ACFR that satisfied both generally accepted accounting principles and applicable program requirements. The Certificate of Achievement is valid for a period of one fiscal year. However, we believe our current ACFR meets the Certificate of Achievement for Excellence in Financial Reporting Program's requirements and we are submitting to the GFOA to determine its eligibility for a subsequent certificate.

The preparation of this report would not have been possible without the skill, effort, and dedication of the entire staff of the Administration Division. I wish to thank the members of that division for their assistance in providing the data necessary to prepare this report. Recognition is also given to the COMB Board for their unfailing support for maintaining the highest standards of professionalism in governance of COMB. I am pleased to present this report to the Board of Directors for formal adoption.

Respectfully submitted,

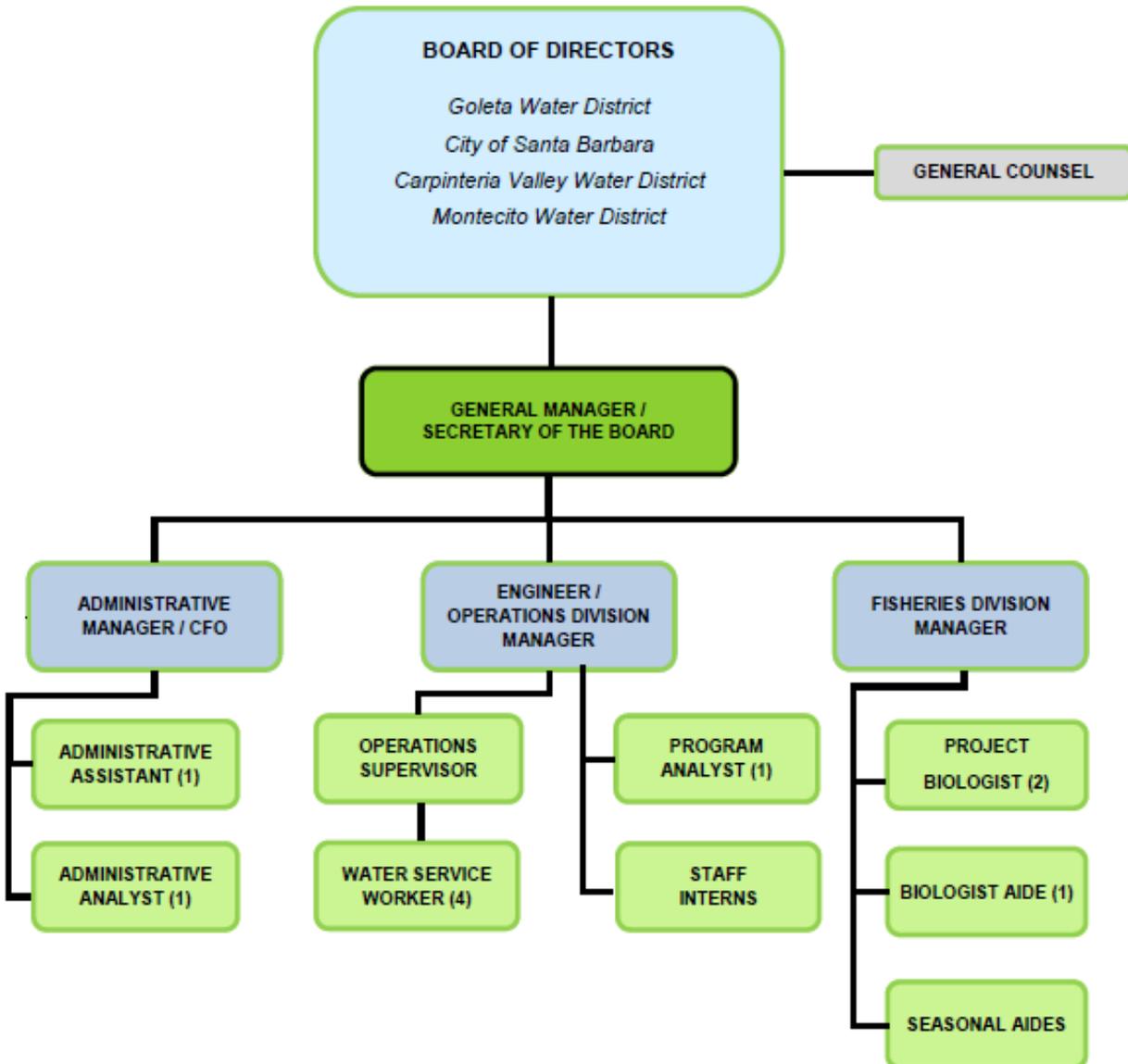


Janet Gingras
General Manager

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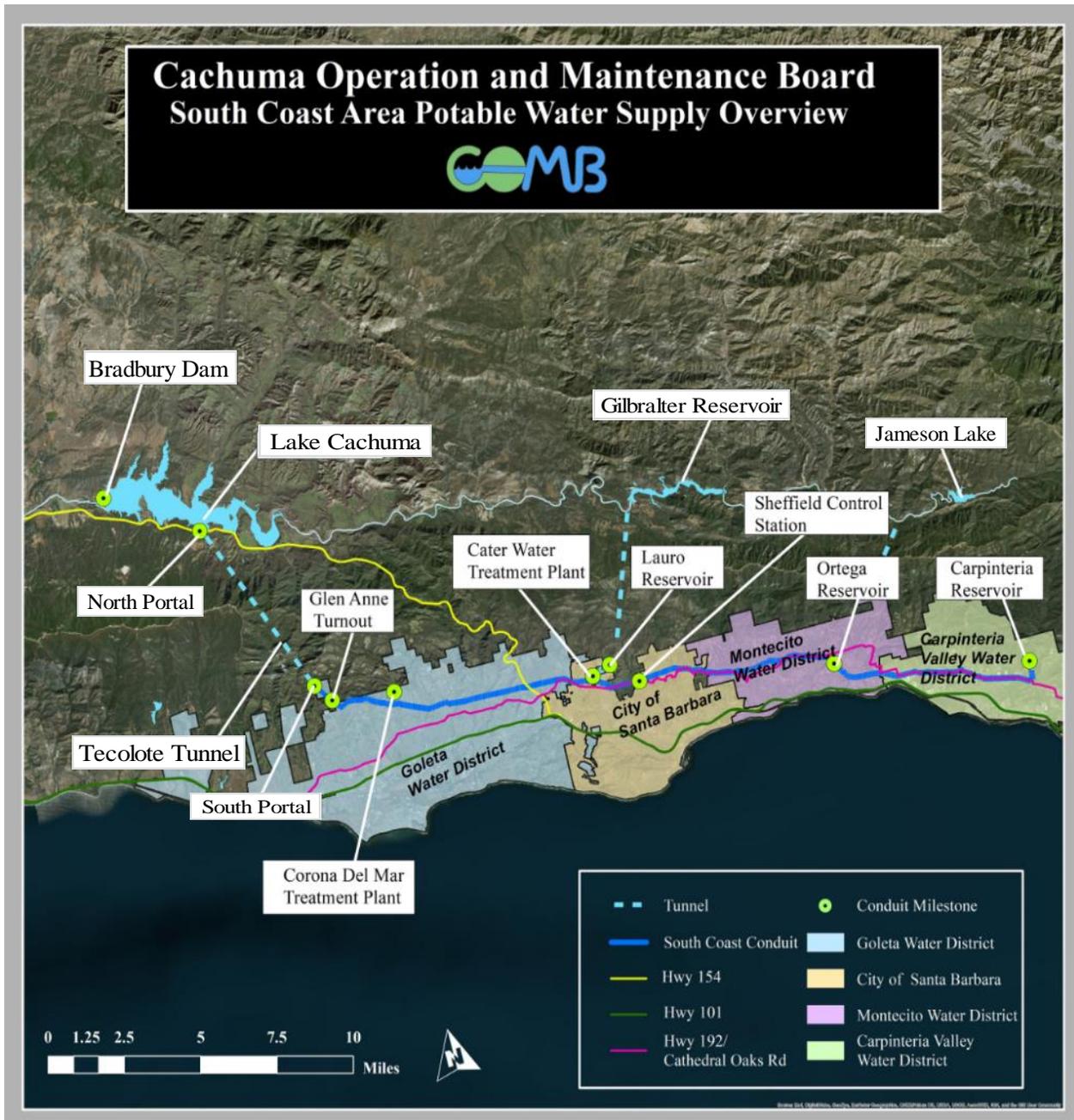


COMB ORGANIZATIONAL CHART



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CACHUMA PROJECT FACILITIES MAP



Water from Lake Cachuma is conveyed to the South Coast Member Units 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 western terminus of the South Coast Conduit, a concrete pipeline that extends 26 miles from the Tecolote Tunnel outlet to the Carpinteria Valley Water District. COMB is responsible for diversion of water to the South Coast through the Tecolote Tunnel, and operation and maintenance of the South Coast Conduit pipeline, flow control valves, meters, and instrumentation at control stations, and turnouts along the South Coast Conduit and at four regulating reservoirs. COMB coordinates closely with the Bureau of Reclamation and Member Units' staff to ensure that water supplies meet daily demands.

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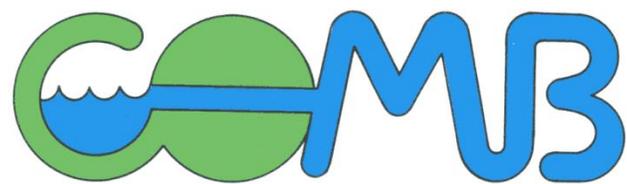
For its Annual Comprehensive
Financial Report
For the Fiscal Year Ended

June 30, 2021

Christopher P. Morill

Executive Director/CEO

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**FINANCIAL
SECTION**

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FINANCIAL SECTION
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INDEPENDENT AUDITOR'S REPORT

**To the Board of Directors of
Cachuma Operation and Maintenance Board**

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of Cachuma Operation and Maintenance Board (COMB) as of and for the years ended June 30, 2022 and 2021, and the related notes to the financial statements, which collectively comprise COMB's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the financial position of COMB, as of June 30, 2022 and 2021, and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States (*Government Auditing Standards*). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of COMB and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.



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In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about COMB's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and *Government Auditing Standards*, we

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the COMB's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about COMB's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.



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Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management Discussion and Analysis on pages 23 through 39, the California Public Employees' Retirement System - Schedule of Cachuma Operation and Maintenance Board's Proportionate Share of the Net Pension Liability on page 82, California Public Employees' Retirement System - Schedule of Cachuma Operation and Maintenance Board's Contributions on page 83, and Other

Post-Employment Benefits (OPEB) Plan – Schedule of Changes in the Net OPEB Liability and Related Ratios on page 84 be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with GAAS, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise COMB's basic financial statements. The supplemental schedule of operation and maintenance, general and administrative and other maintenance expense on pages 85 and 86 is presented for the purpose of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements themselves, and the other additional procedures in accordance with GAAS. In our opinion, the supplemental schedule of operation and maintenance, general and administrative and other maintenance expense is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Information

Management is responsible for the other information included in the annual report. The other information comprises the introductory and statistical sections but does not include the basic financial statements and our auditor's report thereon. Our opinion on the basic financial statements does not cover the other information, and we do not express an opinion or any form of assurance thereon.



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In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated December 9, 2022 on our consideration of COMB's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of COMB's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering COMB's internal control over financial reporting and compliance.

Bartlett, Pringle + Wolf, LLP

Santa Barbara, California
December 9, 2022

Management's Discussion and Analysis

FISCAL YEARS ENDED JUNE 30, 2022 AND 2021

This section presents management's analysis of the financial condition and activities of COMB for the fiscal years ended June 30, 2022 and 2021. This information should be read in conjunction with the financial statements and the additional information included herewith.

OVERVIEW OF THE FINANCIAL STATEMENTS

COMB operates as a proprietary fund-type. All proprietary fund-types use a flow of economic resources measurement focus. Under this measurement focus, all assets and liabilities associated with the operation of these funds are included on the Statement of Net Position and where appropriate, total net position (i.e., fund equity) are segregated into invested in capital and unrestricted net position. Proprietary fund-type operating statements present increases (revenues) and decreases (expenses) in total net position.

All proprietary fund-types utilize the accrual basis of accounting. Under this method, revenues are recognized when earned, regardless of when received, and expenses are recognized at the time the related liabilities are incurred, regardless of when paid.

Summary of Organization and Business

COMB is a Joint Powers Authority and public entity in the County of Santa Barbara, organized and existing 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, 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). The Cachuma Project Member Units entered into the Joint Powers Agreement to exercise their common power to provide for the rights to, the facilities of, and the operation, maintenance and use of the United States, Department of the Interior, Bureau of Reclamation project known as the Cachuma Project, including storage, treatment, transport and appurtenant facilities, and all necessary tangible and intangible property and rights. In particular, the Member Units expressed their desire to create COMB for the purpose of providing authority for the financing of "costs" for the capture, development, treatment, storage, transport and delivery of water; and for repayment of notes, bonds, loans, warrants, and revenue bonds as may be issued to finance facilities, operations or services. In September 2010, the COMB Board approved a budget adjustment effective January 2011 to transfer from Cachuma Conservation and Release Board (CCRB) the implementation of the Santa Ynez River Fisheries Program as required by the 2000 Biological Opinion.

Management's Discussion and Analysis

OVERVIEW OF THE FINANCIAL STATEMENTS (Continued)

Summary of Organization and Business (Continued)

COMB currently has a staff of 15 full-time employees. Of these, four are employed in an administrative capacity and eleven are in field operations.

COMB is presently composed of four Member Agencies, all of which are public agencies: the Carpinteria Valley Water District, the Goleta Water District, the Montecito Water District, and the City of Santa Barbara. (A founding Member Unit of COMB, the Summerland Water District, reorganized with the Montecito Water District, with Montecito Water District as the successor agency. Another founding Member Unit of COMB, the Santa Ynez River Water Conservation District, assigned its Member Unit water contract to the Santa Ynez River Water Conservation District, Improvement District No. 1.)

On May 27, 2016, Santa Ynez River Water Conservation District, Improvement District No. 1 (ID No. 1) notified the COMB Board of its stated intent to withdraw from the Agreement. A Separation Agreement was entered into by ID No. 1, COMB, and the remaining COMB Member Agencies and was approved by all parties effective August 28, 2018. ID No. 1 continues to be a member of the Cachuma Project, which carries certain benefits and obligations associated with the Project as outlined in various agreements.

Under the Joint Powers Agreement, each of the four Member Agencies appoints a representative to the COMB Board of Directors. The following table shows number of votes each has on the Board of Directors:

<u>Member Unit</u>	<u>Board Representation</u>
Carpinteria Valley WD	1 vote
Goleta Water District	2 votes
Montecito Water District	1 vote
City of Santa Barbara	2 votes
Total	<u>6 votes</u>

Votes representing a majority of the number of votes authorized under the Joint Powers Agreement are required for the approval of any decision, other than adjournment, which requires action of the Board of Directors. In addition, the affirmative vote of at least three representatives to the Board of Directors is necessary for the approval of such a decision.

Management's Discussion and Analysis

OVERVIEW OF THE FINANCIAL STATEMENTS (Continued)

Summary of Organization and Business (Continued)

The unanimous consent of the representatives of all the Member Agencies is required for COMB to take action on the following matters:

1. Approval of a Cachuma Project Master Contract amendment, renewal or extension;
2. A matter involving water rights of any party;
3. Acquisition of significant facilities from the United States;
4. Issuance of bonds, loans or other forms of indebtedness in excess of one million (\$1,000,000) dollars.

A decision of COMB authorizing a capital expenditure in excess of one million dollars or incurring an indebtedness or obligation in excess of one million dollars is not effective unless it has been ratified by a resolution approved by all of the Member Agencies.

Operating Assessments

Current operations of COMB are funded by assessment of the Member Agencies, with the assessments based on the Member Agencies' Cachuma Project entitlement percentages. The four COMB Member Agencies also fund the operation and maintenance portion of the annual budget as well as the cost of special projects for other Cachuma Project storage and conveyance facilities that serve the South Coast of Santa Barbara County. These facilities include the Tecolote Tunnel, the South Coast Conduit (SCC), and four dams and reservoirs (Glen Annie, Lauro, Ortega and Carpinteria). During the fiscal year ended June 30, 2022, COMB conducted and/or completed a number of special studies and projects using revenue provided by these assessments. These projects included storage of key components of the Emergency Pumping Facility, improvements to the South Coast Conduit; and rehabilitation and betterment of control stations, valves and structures.

In September 2010, the COMB Board approved a budget adjustment effective January 2011 to transfer from Cachuma Conservation and Release Board (CCRB) the implementation of the Santa Ynez River Fisheries Program as required by the 2000 Biological Opinion. All four Member Agencies fund the general and administrative portion of the annual budget as well as the cost of special projects. All four Member Agencies also fund the Santa Ynez River Fisheries Program and related activities. Pursuant to the Separation Agreement between COMB and ID No. 1, starting in Fiscal Year 2017-18 and going forward, certain actual expenditures incurred by COMB will be collected from ID No. 1 through an invoice issued quarterly to it by COMB.

Management's Discussion and Analysis

OVERVIEW OF THE FINANCIAL STATEMENTS (Continued)

Grant Program

COMB has developed a grant program by utilizing a team of staff members to write proposals, administer grants and carry out grant contracts. They have 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. The utilization of these grants has assisted the Member Agencies in accomplishing required fisheries restoration and habitat improvement projects as well as vital infrastructure improvement projects.

In 2019, COMB was selected under the US Bureau of Reclamation Drought Resiliency Program for a WaterSMART Drought Resiliency Project grant for \$750,000. In 2022, COMB was awarded a grant from the Department of Water Resources Urban and Multi Benefit Drought Relief Program for \$2,250,000. Funds from both of these grants will be applied towards the Lake Cachuma Secured Pipeline Project. The installation of the pipeline is scheduled to be completed during FY 2022-23.

In 2021, COMB entered into a Cooperative Agreement with Carpinteria Valley Water District (CVWD) proposing a collaborative work effort between CVWD and COMB to repair and rehabilitate aging infrastructure in the lower reach section of the South Coast Conduit and the CVWD distribution system. CVWD proposed to financially participate in rehabilitating SCC laterals in collaboration with COMB installing two (2) isolation valves on the SCC. This approach would allow improved isolation and enable longer shutdowns to repair and maintain the system in the future or during an emergency. Phase 2 of this project is scheduled to be completed in FY 2022-23.

COMB Committees

COMB has five standing committees: the Administrative Committee (financial, personnel and legal matters), the Operations Committee, the Fisheries Committee, the Public Outreach Committee, and the Lake Cachuma Oak Tree Committee. Each committee is composed of two Board members and one alternate Board member. Appointments to the committees are made by the President of the Board. The committees meet with staff on an as-needed basis and make recommendations to the Board of Directors with regard to capital improvements, finance, and other matters. From time-to-time, COMB utilizes ad-hoc committees, which are temporary in nature.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS

The following table shows a condensed version of COMB's statement of net position with corresponding analysis regarding significant variations.

Condensed Statement of Net Position

	Year Ended			2022-2021 Variance		2021-2020 Variance	
	June 30, 2022	June 30, 2021	June 30, 2020	Dollars Change	Percent Change	Dollars Change	Percent Change
Assets:							
Current Assets	\$ 2,432,633	\$ 2,758,141	\$ 2,701,308	\$ (325,508)	-11.8%	\$ 56,833	2.1%
Restricted Assets	278,657	95,663	134,356	182,994	191.3%	(38,693)	-28.8%
Property, Plant & Equipment	957,582	146,594	184,192	810,988	553.2%	(37,598)	-20.4%
Other Assets	4,542,080	4,796,675	5,043,469	(254,595)	-5.3%	(246,794)	-4.9%
Total Assets	\$ 8,210,952	\$ 7,797,073	\$ 8,063,325	\$ 413,879	5.3%	\$ (266,252)	-3.3%
Deferred Outflows of Resources:							
Deferred pensions	\$ 479,670	\$ 497,209	\$ 336,263	\$ (17,539)	-3.5%	\$ 160,946	47.9%
Deferred other post employment benefits	761,719	870,598	944,061	(108,879)	-12.5%	(73,463)	-7.8%
Total Deferred Outflows of Resources	\$ 1,241,389	\$ 1,367,807	\$ 1,280,324	\$ (126,418)	-9.2%	\$ 87,483	6.8%
Liabilities:							
Current Liabilities	\$ 1,699,510	\$ 1,627,189	\$ 2,054,127	\$ 72,321	4.4%	\$ (426,938)	-20.8%
Long-Term Liabilities	9,061,621	12,664,364	12,538,903	(3,602,743)	-28.4%	125,461	1.0%
Total Liabilities	\$ 10,761,131	\$ 14,291,553	\$ 14,593,030	\$ (3,530,422)	-24.7%	\$ (301,477)	-2.1%
Deferred Inflows of Resources:							
Deferred pensions	\$ 1,102,745	\$ 103,202	\$ 143,105	\$ 999,543	968.5%	\$ (39,903)	-27.9%
Deferred other post employment benefits	1,140,861	588,356	716,377	552,505	93.9%	(128,021)	-17.9%
Total Deferred Inflows of Resources	\$ 2,243,606	\$ 691,558	\$ 859,482	\$ 1,552,048	224.4%	\$ (167,924)	-19.5%
Net Position:							
Invested in Capital Assets	\$ 957,582	\$ 146,594	\$ 184,192	\$ 810,988	553.2%	\$ (37,598)	-20.4%
Unrestricted	(4,509,978)	(5,964,825)	(6,293,055)	1,454,847	24.4%	328,230	5.2%
Total Net Position	\$ (3,552,396)	\$ (5,818,231)	\$ (6,108,863)	\$ 2,265,835	38.9%	\$ 290,632	4.8%

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Statement of Net Position Analysis

June 30, 2022 Comparison to June 30, 2021

Total assets reported as of June 30, 2022 increased by \$413,879 (5.3%) as compared to June 30, 2021. The changes are noted below.

- Current assets include cash and cash equivalents, prepaid assets and accounts receivable. During fiscal year 2022, current assets decreased by \$325,508 (11.8%) as compared to fiscal year 2021. The decrease in current assets was attributed to a decrease of \$230,242 in deposit on modular office building and a decrease in assessment receivable of \$115,683. The decrease in deposit on modular office building was related to two new modular office buildings that were completed and installed during FY 2021-22. The decrease in assessments receivable was attributed to the notes payable for the Emergency Pumping Facility Project that was paid in full in July 2021.
- Restricted assets include funds deposited into the Warren Act Trust Fund and the Renewal Fund. Restricted assets increased \$182,994 (191.3%) in fiscal year 2022 due to an increase in deposits into the Warren Act Trust Fund. Deposits into the Warren Act Trust Fund are variable in nature and are directly tied to the annual amount of State Water Project Water delivered to the lake on behalf of the State Water Project (SWP) participants during each calendar year. Funds are reviewed annually by the Funds Committee for use in the upcoming fiscal year.
- The value of property, plant, and equipment increased \$810,988 (553.2%) in fiscal year 2022 primarily due to the purchase of three modular office buildings for \$424,910, construction in progress for the Lake Cachuma Emergency Pumping Facility Secured Pipeline project for \$258,787, a new fleet vehicle for \$74,991 and furniture and equipment of \$94,897. This amount is offset by current year depreciation expense of \$49,741.
- Other assets decreased in fiscal year 2022 by \$254,595 (5.3%) primarily due to a decrease in the long term Bradbury and Lauro SOD Act assessments receivable, as described in Note 6 - SOD Act Assessments Receivable and Contracts Payable in the Notes to the Basic Financial Statements.
- Deferred outflows and deferred inflows are related to accounting for pension liabilities associated with GASB 68 and OPEB liabilities associated with GASB 74. This is further detailed in Note 12 - Pension Plan and Note 13 - Other Post-employment Benefits (OPEB), in the Notes to the Basic Financial Statements.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Statement of Net Position Analysis (Continued)

June 30, 2022 Comparison to June 30, 2021

Total liabilities reported as of June 30, 2022 decreased by \$3,530,422 (24.7%) as compared to June 30, 2021. The changes are noted below.

- Current liabilities represent the balance in accounts payable, the current portion due (within one year) of long term debt, payable to Member Units, accrued wages and deferred revenue account balances. Current liabilities increased by \$72,321 (4.4%) in fiscal year 2022 as compared to fiscal year 2021. The net change in current liabilities was primarily attributable to an increase in accounts payable and accrued expenses of \$203,473, an increase in unearned revenue of \$182,994, and is offset by a decrease in payables to member agencies of \$279,474 and in notes payable - EPPF of \$36,623. The change in accounts payable and accrued expenses can fluctuate based on the timing of payment of expenses. The increase in unearned revenue was attributed to deposits made into the Warren Act Trust Fund which are variable in nature and are directly tied to the annual amount of State Water Project Water delivered to the lake on behalf of the State Water Project (SWP) participants during each calendar year. The amount payable to Member Units can fluctuate due to current year unexpended funds and carryover funds for project expenditures delayed or placed on hold. The decrease in notes payable is attributed to the pay down of principal for the EPPF loan obligation.
- Long term liabilities decreased by \$3,602,743 (28.4%) in FY 2022 as compared to FY 2021. The decrease was attributed to a decrease net other post-employment benefit liability of \$2,432,382, a decrease in net pension liability of \$915,766 and a decrease in SOD Act contract payable resulting from loan repayments of \$254,595. Note 13 – Other Post-employment Benefits (OPEB) contains detailed information regarding accounting under GASB 75. Note 12 – Pension Plan contains detailed information regarding accounting under GASB 68.

Total net position reported as of June 30, 2022 increased by \$2,265,835 (38.9%) as compared to June 30, 2021. The changes are noted below.

- The amount invested in capital assets increased \$810,988 in fiscal year 2022 primarily due to a change in the value of property, plant and equipment as previously described.
- Unrestricted net position increased \$1,454,847 in fiscal year 2022. Unrestricted net position remains in a deficit position due to previous years' recognition of the GASB 68 pension liability and GASB 74 OPEB liability.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Statement of Net Position Analysis

June 30, 2021 Comparison to June 30, 2020

Total assets reported as of June 30, 2021 decreased by \$266,252 (3.3%) as compared to June 30, 2020. The changes are noted below.

- Current assets include cash and cash equivalents, prepaid assets and accounts receivable. During fiscal year 2021, current assets increased by \$56,833 (2.1%) as compared to fiscal year 2020. The increase in current assets was attributed to an increase of \$177,638 in cash and cash equivalents and an increase in prepaid assets of \$236,588. These amounts were offset with a decrease in accounts receivable of \$357,393. The increase in cash and cash equivalents was primarily due to an increase in unexpended funds scheduled for return to the COMB Member Agencies in fiscal year 2021 for project expenditures delayed or placed on hold. The increase in prepaid assets was attributed to a deposit paid for two new modular buildings in the amount of \$236,110. The decrease in accounts receivable represents the collection of an outstanding assessment receivable from a Non-Member Agency and a grants receivable FEMA (DR-4308) for the Sycamore Canyon Slope Stabilization Project.
- Restricted assets include funds deposited into the Warren Act Trust Fund and the Renewal Fund. Restricted assets decreased \$38,693 (28.8%) in fiscal year 2021 due to less funds deposited into the Warren Act Trust Fund. Deposits into the Warren Act Trust Fund are variable in nature and are directly tied to the annual amount of State Water Project Water delivered to the lake on behalf of the State Water Project (SWP) participants during each calendar year. Funds are reviewed annually by the Funds Committee for use in the upcoming fiscal year.
- The value of property, plant, and equipment decreased \$37,598 (20.4%) in fiscal year 2021 primarily due to asset disposals in the amount of \$108,340. This amount was offset by the purchase of field equipment for the COMB Operations and Fisheries divisions of \$12,600 and a decrease in current year depreciation expense of \$16,166.
- Other assets decreased in fiscal year 2021 by \$246,794 (4.9%) primarily due to a decrease in the Bradbury and Lauro SOD Act assessments receivable, as described in Note 6 - SOD Act Assessments Receivable and Contracts Payable in the Notes to the Basic Financial Statements.
- Deferred outflows and deferred inflows are related to accounting for pension liabilities associated with GASB 68 and OPEB liabilities associated with GASB 74. This is further detailed in Note 12 - Pension Plan and Note 13 - Other Post-employment Benefits (OPEB), in the Notes to the Basic Financial Statements.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Statement of Net Position Analysis (Continued)

June 30, 2021 Comparison to June 30, 2020

Total liabilities reported as of June 30, 2021 decreased by \$301,477 (2.1%) as compared to June 30, 2020. The changes are noted below.

- Current liabilities represent the balance in accounts payable, the current portion due (within one year) of long term debt, payable to Member Units, accrued wages and deferred revenue account balances. Current liabilities decreased by \$426,938 (20.8%) in fiscal year 2021 as compared to fiscal year 2020. The net change in current liabilities was primarily attributable to a decrease in accounts payable and accrued expenses of \$93,401, a decrease in notes payable of \$406,984, and is offset by an increase in deferred revenue of \$73,446. The change in accounts payable and accrued expenses can fluctuate based on the timing of payment of expenses. The decrease in notes payable is attributed to the pay down of principal for the EFPF loan obligation. The increase in deferred revenue is primarily attributed to the balance in payable to Member Units which can fluctuate due to current year unexpended funds and carryover funds for project expenditures delayed or placed on hold.
- Long term liabilities increased by \$125,461 (1.0%) in FY 2021 primarily due to the recognition of an additional GASB 75 OPEB liability of \$223,789 and net pension liability of \$185,062. Note 13 – Other Post-employment Benefits (OPEB) contains detailed information regarding accounting under GASB 75. Note 12 – Pension Plan contains detailed information regarding accounting under GASB 68. These amounts were offset by a decrease in notes payable and SOD Act contract payable resulting from loan repayments of \$283,390.

Total net position reported as of June 30, 2021 increased by \$290,632 (4.8%) as compared to June 30, 2020. The changes are noted below.

- The amount invested in capital assets decreased \$37,598 in fiscal year 2021 primarily due to a change in the value of property, plant and equipment as previously described.
- Unrestricted net position increased \$328,230 in fiscal year 2021. Unrestricted net position remains in a deficit position due to previous years' recognition of the GASB 68 pension liability and GASB 74 OPEB liability.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

The following table shows a condensed version of COMB's Statement of Revenues, Expenses, and Changes in Net Position, with corresponding analysis regarding significant variances.

Condensed Statement of Revenues, Expenses and Changes in Net Position							
	Year Ended			2022-2021 Variance		2021-2020 Variance	
	June 30, 2022	June 30, 2021	June 30, 2020	Dollars Change	Percent Change	Dollars Change	Percent Change
Operating Revenues (Expenses):							
Operating Revenues	\$ 4,799,037	\$ 4,189,738	\$ 6,686,085	\$ 609,299	14.5%	\$ (2,496,347)	-37.3%
Operating Expenses,							
excluding Depreciation Expense	(2,436,470)	(3,789,829)	(6,482,474)	1,353,359	-35.7%	2,692,645	-41.5%
Depreciation	(49,741)	(49,902)	(66,068)	161	-0.3%	16,166	-24.5%
Operating Income (Deficit)	2,312,826	350,007	137,543	1,962,819	-560.8%	212,464	-154.5%
Non-operating Revenues	22,235	8,425	23,405	13,810	163.9%	(14,980)	-64.0%
Non-operating Expenses	(69,226)	(67,800)	(92,404)	(1,426)	2.1%	24,604	-26.6%
Non-operating expenses	(46,991)	(59,375)	(68,999)	12,384	-20.9%	9,624	-13.9%
Change in Net Position	2,265,835	290,632	68,544	1,975,203	679.6%	222,088	324.0%
Net Position at beginning of year	(5,818,231)	(6,108,863)	(6,177,407)	290,632	-4.8%	68,544	-1.1%
Net Position at End of Year	\$ (3,552,396)	\$ (5,818,231)	\$ (6,108,863)	\$ 2,265,835	-38.9%	\$ 290,632	-4.8%

The statement of revenues, expenses and changes in net position provides a condensed summary of the change in COMB's net position over the previous three fiscal years. COMB's net position increased by \$2,265,835 in fiscal year 2022 as compared to fiscal year 2021. For fiscal year ended 2021, COMB's net position increased by \$290,632 as compared to fiscal year 2020. Further discussion of the change in net position is provided on the following pages.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

	Total Revenues			2022-2021 Variance		2021-2020 Variance	
	Year Ended			Dollars	Percent	Dollars	Percent
	June 30, 2022	June 30, 2021	June 30, 2020	Change	Change	Change	Change
Operating Revenues:							
Operating Assessments from Member Agencies	\$ 4,473,144	\$ 3,736,919	\$ 4,390,673	\$ 736,225	19.7%	\$ (653,754)	-14.9%
Operating Assessment from Non-Member Agency	37,300	39,040	55,170	(1,740)	-4.5%	(16,130)	-29.2%
Grant Revenue	15,763	47,017	1,573,172	(31,254)	-66.5%	(1,526,155)	-97.0%
Renewal and Warren Act Trust Fund	182,830	276,262	576,293	(93,432)	-33.8%	(300,031)	-52.1%
Cachuma Project Betterment Fund	90,000	90,000	90,000	-	0.0%	-	0.0%
Other Revenues	-	500	777	(500)	-100.0%	(277)	-35.6%
Total Operating Revenues:	4,799,037	4,189,738	6,686,085	609,299	14.5%	(2,496,347)	-37.3%
Non-Operating Revenues:							
Interest income	5,635	8,425	23,405	(2,790)	-33.1%	(14,980)	-64.0%
Gain on sale of capital asset	16,600	-	-	16,600	100.0%	-	0.0%
Total Non-Operating Revenues:	22,235	8,425	23,405	13,810	163.9%	(14,980)	-64.0%
Total Revenues:	\$ 4,821,272	\$ 4,198,163	\$ 6,709,490	\$ 623,109	14.8%	\$ (2,511,327)	-37.4%

	Total Expenses			2022-2021 Variance		2021-2020 Variance	
	Year Ended			Dollars	Percent	Dollars	Percent
	June 30, 2022	June 30, 2021	June 30, 2020	Change	Change	Change	Change
Operating Expenses:							
Operation and Maintenance Division:							
Operation and Maintenance	\$ 1,217,454	\$ 1,107,370	\$ 1,416,525	\$ 110,084	9.9%	\$ (309,155)	-21.8%
General and Administrative	(1,010,065)	935,703	852,836	(1,945,768)	-207.9%	82,867	9.7%
Emergency Pumping Facility Project	72,649	111,393	162,204	(38,744)	-34.8%	(50,811)	-31.3%
Special Projects	961,403	468,394	1,583,949	493,009	105.3%	(1,115,555)	-70.4%
Fisheries Division:							
Operation and Maintenance	778,078	724,968	707,309	53,110	7.3%	17,659	2.5%
General and Administrative	287,112	259,517	429,373	27,595	10.6%	(169,856)	-39.6%
Fishery Related Projects	128,552	145,706	129,122	(17,154)	-11.8%	16,584	12.8%
Quiota Creek Crossing Habitat Enhancement	-	36,640	1,199,457	(36,640)	-100.0%	(1,162,817)	-96.9%
Other Habitat Enhancement	1,287	138	1,699	1,149	832.6%	(1,561)	-91.9%
Operating Expenses Before Depreciation	2,436,470	3,789,829	6,482,474	(1,353,359)	-35.7%	(2,692,645)	-41.5%
Depreciation	49,741	49,902	66,068	(161)	-0.3%	(16,166)	-24.5%
Total Operating Expenses:	2,486,211	3,839,731	6,548,542	(1,353,520)	-35.3%	(2,708,811)	-41.4%
Non-Operating Expenses:							
Interest Expense	48,723	67,499	92,038	(18,776)	-27.8%	(24,539)	-26.7%
Loss on sale of capital asset	-	301	366	(301)	-100.0%	(65)	-17.8%
Unrealized loss on pooled investments	20,503	-	-	20,503	100.0%	-	0.00%
Total Non-Operating Expenses:	69,226	67,800	92,404	1,426	2.1%	(24,604)	-26.6%
Total Expenses:	\$ 2,555,437	\$ 3,907,531	\$ 6,640,946	\$ (1,352,094)	-34.6%	\$ (2,733,415)	-41.2%

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Statement Analysis

June 30, 2022 Comparison to June 30, 2021

The net position reported as of June 30, 2022 increased by \$2,265,835 as compared to June 30, 2021.

The changes are noted below.

- Operating revenues increased \$609,299 (14.5%) in fiscal year 2022 as compared to fiscal year 2021. The net change in revenue was due to an increase in operating assessments of \$736,225 and is offset by a decrease in Renewal and Warren Act Trust fund revenue of \$93,242. The increase in operating assessments were due to a shift in schedule for projects delayed during FY 2020-21 due to limitations for COMB to perform a shutdown to address previously planned rehabilitation work in the lower reach of the system. Revenue for the Renewal and Warren Act Trust fund are variable in nature and are directly tied to the annual amount of State Water Project Water delivered to the lake on behalf of the State Water Project (SWP) participants during each calendar year.
- Operating expenses decreased \$1,353,359 (35.7%) in fiscal year 2022 as compared to fiscal year 2021. The change in operating expenses was due to a decrease in general and administrative expenses of \$1,945,768 which was offset by an increase in special projects of \$493,009. The decrease in general and administrative expense was due to a decrease in the measured liability for Other Post-Employment Benefits. Further information is provided on page 39 – Other Post-Employment Benefits. Special projects are variable in nature and vary from year to year. The timing and ranking of projects are dependent on factors such as: (1) water supply reliability, (2) risk, (3) critical need/life cycle of asset, (4) safety, and (5) service disruption necessary to accomplish project.
- Non-operating revenues increased \$13,810 (163.9%) due to a gain on the sale of a capital asset of \$16,600. This amount was offset by a decrease in interest income of \$2,790 due to a decrease in the effective yield rate for amounts held on deposit. The average annual yield for fiscal year 2021-22 was 0.37% as compared to fiscal year 2020-21 which was 0.50%.
- Non-operating expenses increased by \$1,426 (2.1%) in fiscal year 2022 due to an unrealized loss on pool investments of \$20,503. This amount was offset by decrease in interest expense of \$18,776. The decrease in interest expense was attributed to decrease in notes payable and SOD Act contract payable resulting from loan repayments.
- The net position at end of year increased by \$2,265,835 (38.9%) in fiscal year 2022. Net Position remains in a deficit position due to previous years' recognition of the GASB 68 pension liability and GASB 74 OPEB liability.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Statement Analysis

June 30, 2021 Comparison to June 30, 2020

The net position reported as of June 30, 2021 increased by \$290,632 as compared to June 30, 2020. The changes are noted below.

- Operating revenues decreased \$2,496,347 (37.3%) in fiscal year 2021 as compared to fiscal year 2020. The net change in operating revenue was due to a decrease in grant revenue of \$1,526,155 and a decrease in operating assessments of \$653,754. In fiscal year 2020, COMB received grant revenues of \$1,010,700 related to the completion of one fish passage project. During the 2020 fiscal year, COMB also recognized \$562,024 in grant funding from FEMA and CalOES for the Sycamore Canyon Slope Stabilization Project. The decrease in operating assessments were due to a shift in schedule for completing projects during FY 2020-21 due to limitations for COMB to perform a shutdown to address previously planned rehabilitation work in the lower reach of the system.
- Operating expenses decreased \$2,692,645 (41.5%) in fiscal year 2021 as compared to fiscal year 2020. The change in operating expenses was due to a decrease in Quiota Creek crossing habitat enhancement projects of \$1,162,817. COMB constructed one fish passage project during fiscal year 2020. COMB did not complete a fish passage project in fiscal year 2021. In addition, infrastructure improvements projects decreased in the amount of \$1,115,555 compared to fiscal year 2020 due to project delays and limitations for COMB to perform a shutdown to address previously planned rehabilitation work in the lower reach of the system.
- Non-operating revenues decreased \$14,980 (64.0%) due to a decrease in the effective yield rate for amounts held on deposit. The average annual yield for fiscal year 2020-21 was 0.50% as compared to fiscal year 2019-20 of 1.93%.
- Non-operating expenses, which consist primarily of interest expense, decreased by \$24,604 (26.6%) in FY 2021 due to decrease in notes payable and SOD Act contract payable resulting from loan repayments.
- The net position at end of year increased by \$290,632 in fiscal year 2021. Net Position remains in a deficit position due to previous years' recognition of the GASB 68 pension liability and GASB 74 OPEB liability.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Capital Assets

The following table provides a summary of COMB's capital assets and changes from the prior year.

	Capital Assets						
	Year Ended			2022-2021 Variance		2021-2020 Variance	
	June 30, 2022	June 30, 2021	June 30, 2020	Dollars Change	Percent Change	Dollars Change	Percent Change
Vehicles	\$ 514,899	\$ 468,728	\$ 468,728	\$ 46,171	9.9%	\$ -	0.0%
Office Furniture and Equipment	258,023	236,472	306,053	21,551	9.1%	(69,581)	-22.7%
Field Equipment	546,704	523,999	550,153	22,705	4.3%	(26,154)	-4.8%
Mobile Offices Used for Facilities	424,910	97,803	97,803	327,107	334.5%	-	0.0%
Resurfacing	38,351	38,351	38,351	-	0.0%	-	0.0%
Construction in progress	258,767	-	-	258,767	100.0%	-	0.0%
Total Capital Assets	2,041,654	1,365,353	1,461,088	676,301	49.5%	(95,735)	-6.6%
Accumulated Depreciation	(1,084,072)	(1,218,759)	(1,276,896)	134,687	-11.1%	58,137	-4.6%
Net Capital Assets	\$ 957,582	\$ 146,594	\$ 184,192	\$ 810,988	553.2%	\$ (37,598)	-20.4%

Note 9 - Capital Assets, in the Notes to the Basic Financial Statements, contains additional information on COMB's capital assets.

Debt Administration

Series 2004A Refinance Bonds

COMB and the Cachuma Project Authority (CPA) merged in 1996, with COMB as the successor agency. With this merger, COMB assumed responsibility for the oversight and payment of the Series 1993 CPA revenue bonds. However, the bonds are not recorded on the books of COMB because, under Joint Participation Agreements between COMB and three Agencies, these Agencies are obligated to make the bond principal and interest payments on behalf of COMB. The Series 1993 bonds were refinanced by COMB in the first quarter of fiscal year 2004/05. Note 14 – Commitments and Contingencies – 1993 Cachuma Project Authority Bonds, in the Notes to the Basic Financial Statements, contains additional information on the Series 2004A Refinance Bonds

Safety of Dams Repayment Contracts

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

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Debt Administration (Continued)

Safety of Dams Repayment Contracts (Continued)

The debt total under the contract as executed is approximately \$6,791,000 plus interest and is to be repaid through annual payments over a 50-year period. COMB assesses the Member Agencies annually to collect the revenue for the payment due that year, with the assessments calculated in accordance with each Member Agencies' Cachuma Project entitlement percentages.

The funds expended by Reclamation through June 30, 2013 on the Lauro Dam rehabilitation project as identified in the re-payment schedule for this project are approximately \$6,731,580. The fifteen percent obligation plus interest during construction equates to approximately \$1,009,737 for the Lauro SOD Act repayment debt which appears in the long term liability account. All work activities related to the Lauro SOD Act rehabilitation project have been completed as of June 30, 2012.

Work activities during the current fiscal year related to the completion of the Bradbury Dam SOD Act rehabilitation were relatively minor and produced an inconsequential increase to the overall debt obligation. Note 6 – SOD Act Assessments Receivable and Contracts Payable, in the Notes to the Basic Financial Statements, contains additional information on the Safety of Dams Repayment Contracts

American Riviera Bank Emergency Pumping Facility Project Notes Payable

During fiscal year ending 2015, COMB contracted for the construction of the Emergency Pumping Facilities Project (Project) to provide continued delivery of water from Lake Cachuma to the COMB Member Agencies until sufficient inflow occurs and the reservoir level returns to normal operating conditions. In order to implement this large-scale project, three of the four COMB Member agencies agreed to finance their proportionate share through a commercial financing arrangement with the Bank of Santa Barbara, which merged with American Riviera Bank during 2016.

The note consisted of two separate financing facilities: 1) A revolving line of credit (\$1.2 million) for a period of 24 months followed by a fixed 60 months of principal and interest, 2) A non-revolving line of credit (\$2.0 million) for a period of 24 months followed by a fixed 60 months of principal and interest. The districts participating in the financing included Goleta Water District, Montecito Water District, and Carpinteria Valley Water District. The City of Santa Barbara did not participate in the financing and chose to fund the project through quarterly assessments. Santa Ynez River Water Conservation District, Improvement District No. 1 was indemnified by the four South Coast Member Agencies and therefore not responsible for any project costs.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Debt Administration (Continued)

American Riviera Bank Emergency Pumping Facility Project Notes Payable (Continued)

COMB secured financing for the project. The three districts participating in the debt obligation provided the guarantee for repayment of their allocated percentage. In addition, the districts are held solely liable for any interest rate increase caused by a downgrade of their individual credit rating. The original financing terms included the conversion from lines of credit to a sixty-month repayment loan as of July 25, 2016. Carpinteria Valley Water District paid their obligation in full during fiscal year 2017. During fiscal year 2021-22, the two remaining water districts paid their obligation in full.

Note 7 – Notes Payable, in the Notes to the Basic Financial Statements, contains additional information on the American Riviera Bank Emergency Pumping Facility Project Notes Payable.

Pension Plan Accounting

In June 2012, the Governmental Accounting Standards Board (GASB) issued two new standards that substantially changed the accounting and financial reporting of public employee pension plans and the state and local governments that participate in such plans. GASB Statement No. 67, *Financial Reporting for Pension Plans* revises existing guidance for the financial reports of most governmental pension plans.

GASB Statement No. 68, *Accounting and Financial Reporting for Pensions* revises and establishes new financial reporting requirements for most governments that provide their employees with pension benefits. GASB Statement No. 67 is applicable to CalPERS and effective for financial statements for fiscal years beginning after June 15, 2013. GASB Statement No. 68 is applicable to employers and effective for financial statements for fiscal years beginning after June 15, 2014. GASB Statement No. 68 requires employers to recognize a liability as employees earn their pension benefits. To the extent that a long-term obligation to provide pension benefits (total pension liability) is larger than the value of the assets available in the plan (fiduciary net position) to pay pension benefits, the employers must report a net pension liability on the employer's accrual-based financial statements for the first time.

A cost-sharing multiple-employer plan (cost-sharing plan) is one in which the participating employers pool their assets and their obligations to provide defined pension benefits, such as employers participating in risk pools. Under the new GASB standards, each participating cost-sharing employer is required to report its proportionate share of the collective net pension liability, pension expense, and deferred outflows/deferred inflows of resources in their financial statements. Note 12 – Pension Plan, in the Notes to the Basic Financial Statements, contains detailed information regarding these balances.

Management's Discussion and Analysis

FINANCIAL HIGHLIGHTS (Continued)

Other Postemployment Benefits

In June 2015, GASB issued two new standards that changed the accounting and financial reporting of postemployment benefits other than pensions. GASB Statement No. 74, *Financial Reporting for Postemployment Benefit Plans Other Than Pensions* amended GASB Statement No.43. GASB 74 became effective for financial statements for fiscal years beginning after June 15, 2016. GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* amended GASB Statement No. 45. GASB 75 became effective for financial statements for fiscal years beginning after June 15, 2017.

Under GASB Statement No. 75, government employers that sponsor OPEB plans will recognize a net OPEB liability in their statement of net position which is the difference between the total OPEB liability (actuarial accrued liability using the entry age actuarial cost method) and fiduciary net position (plan assets at fair value).

Agencies that provide OPEB to employees without the use of a trust are required to report the total OPEB liability for all employees' statement of net position. In addition, the annual required contribution (ARC) is to be replaced with OPEB expense and follows the same calculation as required under GASB Statement No. 68. Under GASB Statement No. 75, actuarial valuations are required every two years.

The new standards also require government agencies that offer OPEB plans to provide additional and detailed disclosures and supplementary information about OPEB liabilities and related assumptions to allow for better assessments of reasonableness of OPEB measurements. Note 13 – Other Post-employment Benefits (OPEB), in the Notes to the Basic Financial Statements, contains detailed information regarding these balances.

Effective January 1, 2022, COMB Medicare retirees were automatically transferred to a new Medicare Advantage health plan which carried a substantially lower premium. Retirees that have not reached Medicare age will remain in their current plan until such time they reach age 65 and they will be automatically transferred to the new plan, as well. COMB recognized approximately \$1.9M reduction in the measured liability at June 30, 2022 as a result of this plan change. The adjustment was recognized as a Change in Benefit Terms which provides that the entire decrease in measured liability flows through OPEB expense in the current year as opposed to other unexpected changes which are deferred over a given period.

Basic Financial Statements

STATEMENT OF NET POSITION

June 30, 2022 and 2021

ASSETS

	2022	2021
Current Assets		
Cash (Note 3)	\$ 539,759	\$ 553,058
Investments, cash equivalents (Note 3)	1,572,058	1,592,778
Restricted Assets (Note 4)	278,657	95,663
Assessment receivable	-	115,863
Other receivable	20,333	2,881
Prepaid insurance	40,020	10,657
Deposit on modular office building	5,868	236,110
Current portion of SOD Act assessments receivable (Note 6)	254,595	246,794
Total current assets	2,711,290	2,853,804
Capital Assets (Note 9)		
Vehicles	514,899	468,728
Office furniture and equipment	258,023	236,472
Field equipment	546,704	523,999
Modular administrative offices	424,910	97,803
Resurfacing	38,351	38,351
Construction in progress	258,767	-
Subtotal	2,041,654	1,365,353
Less: accumulated depreciation	(1,084,072)	(1,218,759)
Capital assets, net	957,582	146,594
Other Assets		
Long-term assessments receivable SOD Act (Note 6)	4,542,080	4,796,675
Total other assets	4,542,080	4,796,675
Total noncurrent assets	5,499,662	4,943,269
Total assets	8,210,952	7,797,073
 <u>DEFERRED OUTFLOWS OF RESOURCES</u>		
Deferred pensions (Note 12)	479,670	497,209
Deferred other post employment benefits (Note 13)	761,719	870,598
Total deferred outflows of resources	1,241,389	1,367,807
Total assets and deferred outflows of resources	\$ 9,452,341	\$ 9,164,880

See accompanying notes

Basic Financial Statements

STATEMENT OF NET POSITION

June 30, 2022 and 2021

LIABILITIES

	2022	2021
Current Liabilities		
Accounts payable	\$ 303,183	\$ 120,094
Accrued vacation and sick leave benefits	223,147	202,763
Payable to member agencies	599,086	878,560
Unearned revenue	278,657	95,663
Accrued interest	40,842	46,692
Current portion of notes payable (Note 7)	-	36,623
Current portion of SOD Act contract payable (Note 6)	254,595	246,794
Total current liabilities	1,699,510	1,627,189
Long-Term Liabilities		
Net other post employment benefit liability (Note 13)	3,357,104	5,789,486
Net pension liability (Note 12)	1,162,437	2,078,203
SOD Act contract payable, net of current portion (Note 6)	4,542,080	4,796,675
Total long-term liabilities	9,061,621	12,664,364
Total liabilities	10,761,131	14,291,553

DEFERRED INFLOWS OF RESOURCES

Deferred pensions (Note 12)	1,102,745	103,202
Deferred other post employment benefits (Note 13)	1,140,861	588,356
Total deferred inflows of resources	2,243,606	691,558

NET POSITION

Net investment in capital assets	957,582	146,594
Unrestricted:		
Accumulated deficit	(4,509,978)	(5,964,825)
Total net position	\$ (3,552,396)	\$ (5,818,231)

See accompanying notes

Basic Financial Statements

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

For the Years Ended June 30, 2022 and 2021

	2022	2021
Operating Revenues		
Operating assessments from member agencies	\$ 4,473,144	\$ 3,736,919
Operating assessment from non-member agency	37,300	39,040
Grant revenue	15,763	47,017
Renewal and Warren Act Trust Fund (Note 4)	182,830	276,262
Cachuma Project Betterment Fund (Note 5)	90,000	90,000
Other revenues	-	500
Total operating revenues	4,799,037	4,189,738
Operating Expenses		
Operation and maintenance division:		
Operation and maintenance	1,217,454	1,107,370
General and administrative (Note 13)	(1,010,065)	935,703
Emergency pumping facility project	72,649	111,393
Special projects	961,403	468,394
Fisheries division:		
Operation and maintenance	778,078	724,968
General and administrative	287,112	259,517
Fishery related projects	128,552	145,706
Quiota Creek crossing habitat enhancement	-	36,640
Other habitat enhancement	1,287	138
Depreciation	49,741	49,902
Total operating expenses	2,486,211	3,839,731
Net Operating Gain	2,312,826	350,007
Non-Operating Revenues (Expenses)		
Interest income	5,635	8,425
Interest expense	(48,723)	(67,499)
Gain (loss) on sale of capital asset	16,600	(301)
Unrealized loss on pooled investments (Note 3)	(20,503)	-
Total non-operating expenses	(46,991)	(59,375)
Change in net position	2,265,835	290,632
Net Position, beginning of year	(5,818,231)	(6,108,863)
Net Position, end of year	\$ (3,552,396)	\$ (5,818,231)

See accompanying notes

Basic Financial Statements

STATEMENT OF CASH FLOWS For the Years Ended June 30, 2022 and 2021

	2022	2021
<u>Cash Flows from Operating Activities</u>		
Cash received from member agencies	\$ 4,834,948	\$ 3,980,181
Cash received from non member agency	37,300	220,781
Cash received from other sources	-	500
Cash received from grantor	15,763	227,771
Cash received from Cachuma Betterment Fund	90,000	90,000
Cash received from Renewal and Warren Act Funds	182,830	276,262
Cash payments to suppliers for operations	(2,745,567)	(2,168,216)
Cash payments to employees	(1,465,948)	(1,445,944)
Net cash provided by operating activities	949,326	1,181,335
<u>Cash Flows from Capital and Related Financing Activities</u>		
Acquisition of capital assets	(860,729)	(12,604)
Deposit on modular office building and furniture	230,242	(236,110)
Principal payments on notes payable	(36,623)	(450,961)
Interest payments on notes payable	(115)	(10,775)
Interest payments on SOD Act contract payable	(54,458)	(62,259)
Principal payments on SOD Act contract payable	(246,794)	(239,413)
Net cash flows used by capital and related financing activities	(968,477)	(1,012,122)
<u>Cash Flows From Investing Activities</u>		
Interest received	5,635	8,425
Sale (Purchase) of investments	217	(207,273)
Net cash flows (used) provided by investing activities	5,852	(198,848)
Net decrease in cash	(13,299)	(29,635)
Cash and Cash Equivalents - Beginning of Year	553,058	582,693
Cash and Cash Equivalents - End of Year	\$ 539,759	\$ 553,058

See accompanying notes

Basic Financial Statements

STATEMENT OF CASH FLOWS For the Years Ended June 30, 2022 and 2021

	2022	2021
<u>Reconciliation of net operating gain to net cash provided by operating activities</u>		
Net operating gain	\$ 2,312,826	\$ 350,007
Adjustments to reconcile net operating gain to net cash provided by operating activities:		
Depreciation expense	49,741	49,902
Gain (loss) of sale of capital asset	16,600	(301)
Changes in operating assets and liabilities		
Assessments receivable	115,863	186,901
Restricted assets	182,994	(38,693)
Grant receivable	-	180,754
Other receivable	(17,452)	(2,881)
Prepaid insurance	(29,363)	(478)
Current portion of SOD Act assessment receivable	246,794	239,413
Accounts payable	183,089	(106,989)
Payable to member units	(279,474)	112,139
Accrued vacation and sick leave benefits	20,384	19,424
Deferred revenue	(182,994)	38,693
OPEB liability	(2,432,382)	223,789
Net pension liability	(915,766)	185,062
Deferred outflows of resources - OPEB	108,879	73,463
Deferred inflow of resources - OPEB	552,505	(128,021)
Deferred outflows of resources - pension	17,539	(160,946)
Deferred inflows of resources - pension	999,543	(39,903)
Net cash provided by operating activities	\$ 949,326	\$ 1,181,335

See accompanying notes

Notes to the Basic Financial Statements

Note 1 – Organization

The Cachuma Operation and Maintenance Board (COMB) is a joint powers agency organized to operate and maintain the water delivery system of the Cachuma Project located in Santa Barbara County. COMB's member agencies (Member Agencies) consist of four water purveyors as follows: Carpinteria Valley Water District, City of Santa Barbara, and Goleta Water District, Montecito Water District.

On May 27, 2016, Santa Ynez River Water Conservation District, Improvement District No. 1 (ID No. 1) notified the COMB Board of its stated intent to withdraw from the Agreement. A Separation Agreement was entered into by ID No. 1, COMB, and the remaining COMB Member Agencies and was approved by all parties effective August 28, 2018. ID No. 1 continues to be a member of the Cachuma Project which carries certain benefits and obligations associated with the Project as outlined in various agreements.

The Member Agencies entered into a Joint Exercise of Powers Agreement to exercise their common power to provide for the rights to, the facilities of, and the operation, maintenance and use of the United States, Department of the Interior, Bureau of Reclamation project known as the Cachuma Project, including storage, treatment, transport and appurtenant facilities, and all necessary tangible and intangible property rights. In September 2010, the Cachuma Operation and Maintenance Board approved a budget adjustment effective January 2011 to transfer from CCRB the implementation activities of the Santa Ynez River Fisheries Program as required by the 2000 Biological Opinion.

Note 2 – Summary of Significant Accounting Policies

A) Basis of Accounting

COMB operates as a proprietary fund type. All proprietary fund types are accounted for on a flow of economic resources measurement focus. Under this measurement focus, all assets and liabilities associated with the operation of these funds are included in the statement of net position. Where appropriate, net total position are segregated into net position invested in capital assets and unrestricted position. Proprietary fund type operating statements present increases (revenues) and decreases (expenses) in total net position.

Notes to the Basic Financial Statements

Note 2 – Summary of Significant Accounting Policies (Continued)

A) Basis of Accounting (Continued)

All proprietary fund types utilize the accrual basis of accounting. Under this method, revenues are recognized at the time the related liabilities are incurred regardless of when paid.

COMB distinguishes operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services in connection with COMB's principal ongoing operations. The principal operating revenues of COMB are assessments of the Member Agencies and grant monies received. Operating expenses for COMB include maintenance and administrative expenses, depreciation on capital assets and litigation costs. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

The financial statements of COMB have been prepared in conformity with Generally Accepted Accounting Principles (GAAP). The Governmental Accounting Standards Board (GASB) is the accepted standard setting body for establishing governmental accounting financial reporting principles.

B) Cash and Cash Equivalents

For purposes of the statement of cash flows, cash includes demand deposits and money market accounts, but does not include restricted cash or funds invested in the Local Agency Investment Fund (LAIF).

C) Capital Assets

Property and equipment are stated at cost. COMB's capitalization threshold is \$5,000. Depreciation is computed using the straight-line method over the estimated useful lives of the assets, which is generally 5 years. Title to the assets of the Cachuma Project is with the United States of America; the assets are not recorded as assets of COMB. Costs relating to capital improvements, rehabilitation, betterment, maintenance and modifications are therefore reported as expenditures when incurred by COMB.

Notes to the Basic Financial Statements

Note 2 – Summary of Significant Accounting Policies (Continued)

D) Investments

Investments in governmental investment pools are reported at fair value based on the fair value per share of the pool's underlying portfolio.

E) Accrued Vacation and Sick Pay

Employees are entitled to certain compensated absences based on their length of employment. With minor exceptions, compensated absences vest and accumulate and are accrued when they are earned.

F) Unspent Operating Assessments

The operating assessments represent amounts received from COMB's Member Agencies to fund current operations. To the extent that revenues exceed expenses in a given year, they are constructively returned to the Member Agencies in subsequent years.

G) Other Post-Employment Benefits (OPEB)

For purposes of measuring the net OPEB liability/asset, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of COMB's plan (OPEB Plan) and additions to/deductions from the OPEB Plan's fiduciary net position have been determined on the same basis. For this purpose, benefit payments are recognized when currently due and payable in accordance with benefit terms.

Generally accepted accounting principles require that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used:

Valuation Date:	June 30, 2022
Measurement Date:	June 30, 2022
Measurement Period:	July 1, 2021 – June 30, 2022

Notes to the Basic Financial Statements

Note 2 – Summary of Significant Accounting Policies (Continued)

H) Pension Plan

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of COMB's California Public Employees' Retirement System (CalPERS) plans (Plans) and additions to/deductions from the Plans' fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

The following timeframes are used for pension reporting:

Valuation Date:	June 30, 2020
Measurement Date:	June 30, 2021
Measurement Period:	July 1, 2020 – June 30, 2021

I) Net Position

Net position represents the difference between assets, deferred outflows, liabilities and deferred inflows is classified into three components as follows:

Net investment in capital assets – This component of net position consists of capital assets, net of accumulated depreciation and reduced by the outstanding balances of any borrowings used for the acquisition, construction or improvement of those assets. Net investment in capital assets excludes unspent debt proceeds.

Restricted – This component of net position consists of constraints placed on net asset use through external constraints imposed by creditors, grantors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

Unrestricted – This component of net position consists of net position that does not meet the definition of "restricted" or "net investment in capital assets." Unrestricted, reserved net position represents unrestricted assets which are segregated by the Board of Directors for specific future uses.

Notes to the Basic Financial Statements

Note 2 – Summary of Significant Accounting Policies (Continued)

I) Net Position (Continued)

When an expense is incurred for purposes for which both unrestricted and restricted resources are available for use, it is COMB's policy to apply restricted assets first, then unrestricted resources.

J) Use of Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. COMB's principal areas that include estimates are the liabilities and related receivables for Safety of Dams Act construction in process, useful lives of capitalized assets and the liability for other postemployment benefits. It is at least reasonably possible that the significant estimates used will change within the next year.

K) Unearned Revenue

Deferred revenue consists of the unspent Renewal Fund and Warren Act Trust fund money that is restricted for Lake Cachuma projects. Each year, the Fund Committees decide how to spend these funds and revenue is recognized when the money is spent. See Note 4 for disclosures on restricted cash.

L) Implementation of New Governmental Accounting Standards Board (GASB) Statements

For the year ended June 30, 2022, COMB implemented the following Governmental Accounting Standards Board (GASB) Statements:

Notes to the Basic Financial Statements

Note 2 – Summary of Significant Accounting Policies (Continued)

L) Implementation of New Governmental Accounting Standards Board (GASB) Statements (Continued)

Statement No. 87	"Leases"	The requirements of this statement are effective for periods beginning after June 15, 2021. (FY 21/22)
Statement No. 89	"Accounting for Interest Cost Incurred Before the End of a Construction Period"	The requirements of this statement are effective for periods beginning after December 15, 2020. (FY 21/22)
Statement No. 92	"Omnibus 2020"	The requirements of this statement are effective for periods beginning after December 15, 2020. (FY 21/22)
Statement No. 93	"Replacement of Interbank Offered Rates"	The requirements of this statement are effective for periods beginning after June 15, 2021. (FY 21/22)
Statement No. 97	"Certain Component Unit Criteria, and Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans—an amendment of GASB Statements No. 14 and No. 84, and a supersession of GASB Statement No. 32"	The requirements of this statement are effective for periods beginning after June 15, 2021. (FY 21/22)

The adoption of these statements did not have a material impact on COMB.

Notes to the Basic Financial Statements

Note 2 – Summary of Significant Accounting Policies (Continued)

M) Future Governmental Accounting Standards Board (GASB) Statements

The Governmental Accounting Standards Board Statements listed below will be implemented in future financial statements. These statements will be evaluated by COMB to determine if they will have a material impact to the financial statements once effective.

Statement No. 91	"Conduit Debt Obligations"	The requirements of this statement are effective for periods beginning after December 15, 2021. (FY 22/23)
Statement No. 94	"Public-Private and Public-Private Partnerships and Availability Payment Arrangements"	The requirements of this statement are effective for periods beginning after June 15, 2022. (FY 22/23)
Statement No. 96	"Subscription-Based Information Technology Arrangements"	The requirements of this statement are effective for periods beginning after June 15, 2022. (FY 22/23)
Statement No. 99	"Omnibus 2022"	The requirements of this statement are effective for periods beginning after June 15, 2022. (FY 22/23)
Statement No. 100	"Accounting Changes and Error Corrections—an amendment of GASB Statement No. 62"	The requirements of this statement are effective for periods beginning after June 15, 2023. (FY 23/24)
Statement No. 101	"Compensated Absences"	The requirements of this statement are effective for periods beginning after December 15, 2023. (FY 24/25)

Note 3 – Cash and Investments

Investments Authorized by COMB's Investment Policy

Under the provisions of COMB's investment policy, the agency may invest in state or national banks, state or federal saving and loan associations, the State of California Local Agency Investment Fund (LAIF), or may invest as provided in the California Government Code.

Notes to the Basic Financial Statements

Note 3 – Cash and Investments (Continued)

Investment in Local Agency Investment Fund (LAIF)

LAIF is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of the COMB's investment in this pool is reported in the accompanying financial statements at amounts based on the District's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio. The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on the amortized cost basis. LAIF invests some of its portfolio in derivatives. Detailed information on derivative investments held by this pool is not readily available. Investments in LAIF are not rated by a national rating agency.

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. COMB did not have any investments with fair values that are considered to be highly sensitive to changes in interest rates.

Custodial Credit Risk

Deposits are exposed to custodial credit risk if they are uninsured and uncollateralized. Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, COMB will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of COMB and are held by either the counter-party or the counter-party's trust department or agent but not in COMB's name.

All cash is entirely insured or collateralized. The California Government Code requires California banks and savings and loans associations to secure COMB's deposits by pledging government securities, which equal at least 110% of COMB's deposits. California law also

Notes to the Basic Financial Statements

Note 3 – Cash and Investments (Continued)

Custodial Credit Risk (Continued)

permits financial institutions to secure COMB's deposits by the pledging of first trust deed mortgage notes in excess of 150% of the COMB's deposits. COMB may waive collateral requirements for deposits that are fully insured by the Federal Deposit Insurance Corporation (FDIC).

None of COMB's deposits with financial institutions in excess of federal depository insurance limits were held in uncollateralized accounts.

Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. COMB's investment in the Local Agency Investment Fund is not rated.

Concentration of Credit Risk

This risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. At year end, COMB was not exposed to concentration of credit risk.

Foreign Currency Risk

This is the risk that exchange rates will adversely affect the fair value of an investment. At year end, COMB was not exposed to foreign currency risk.

Notes to the Basic Financial Statements

Note 3 – Cash and Investments (Continued)

Cash and investments as of June 30, 2022 and 2021 consist of the following:

	2022	
	Carrying Amount	Fair Value
Cash in banks and on hand	\$ 818,416	\$ 818,416
Local Agency Investment Fund (LAIF)	1,592,561	1,572,058
Total cash and investments, at fair value	<u>\$ 2,410,977</u>	<u>\$ 2,390,474</u>

	2021	
	Carrying Amount	Fair Value
Cash in banks and on hand	\$ 648,721	\$ 648,721
Local Agency Investment Fund (LAIF)	1,592,778	1,592,778
Total cash and investments, at fair value	<u>\$ 2,241,499</u>	<u>\$ 2,241,499</u>

Investment in Local Agency Investment Fund (LAIF)

COMB is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of COMB's investment in this pool is reported in the accompanying basic financial statements at the amounts based upon COMB's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio. The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis. The amortized cost approximates fair value. LAIF invests some of its portfolio in derivatives. Detailed information on derivative investments held by this pool is not readily available. Investments in LAIF are not rated by a national rating agency.

Note 4 – Restricted Assets

The Cachuma Project Trust Fund (Trust Fund) and the Cachuma Project 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 is a requirement of the

Notes to the Basic Financial Statements

Note 4 – Restricted Assets (Continued)

Warren Act contract between the Central Coast Water Authority (CCWA) and Reclamation for the transport of State Water Project water through Cachuma Project facilities.

The Warren Act contract is an agreement between the Central Coast Water Authority (CCWA) and Reclamation for the delivery and transport of State Water Project water through the Cachuma Project facilities. A memorandum of understanding (MOU) creating the Trust Fund established a two person Fund Committee and an Advisory Committee. One member of the Fund Committee is appointed by the Member Agencies through COMB. The other member of the Fund Committee is a representative from Reclamation. CCWA and the Advisory Committee can attend the Trust Fund Committee meetings but have no vote.

The Renewal Fund is a requirement of the Cachuma Project Renewal Master Contract between Reclamation and the Santa Barbara County Water Agency. The contract provides for water service from the Cachuma Project to the five Cachuma Project Member Units. The Cachuma Project Renewal Master Contract specified that five years after adoption of the first Annual Plan, the Contractor (Santa Barbara County) shall be substituted for the Contracting Officer (Reclamation) for the Renewal Fund discussions; this change in representation began in WY2003 and Santa Barbara County has been the representative since that time.

Through COMB Board Resolution No. 249 adopted in 1997, the COMB Member Agencies agreed to merge the processes for implementation and administration of the Cachuma Project Warren Act Trust Fund and the Cachuma Project Master Contract Renewal Fund under a single committee (referred to as the Funds Committee). The Funds Committee composition dictates that the voting members of the Funds Committee are Reclamation, COMB and Santa Barbara County. Both the Trust Fund and the Renewal Fund require annual and five-year plans. To date, the annual and five-year plans have authorized the combined funds to be used for implementation of the Biological Opinion (BO)/Fish Management Plan (FMP). Pursuant to the Renewal Master Contract, COMB administers both the Trust Fund and the Renewal Fund accounts.

Summary of restricted cash and investments as of June 30:

	2022	2021
Trust Fund	\$ 220,682	\$ 80,631
Renewal Fund	55,285	15,032
General Fund (Oak Tree Grant)	2,690	-
Total Restricted Cash	<u>\$ 278,657</u>	<u>\$ 95,663</u>

Notes to the Basic Financial Statements

Note 5 – Cachuma Project Betterment Fund

Since the Cachuma Project was completed in the mid-1950s, the Santa Barbara County Water Agency has collected \$100,000 per year in taxes for the betterment of the Cachuma Project. For the first 40 years, these funds were used to pay down the capital cost of constructing the Cachuma Project. The authorized uses of these funds were broadened in 1995 pursuant to the Renewal Master Contract. The County Water Agency was still obligated to provide \$100,000 annually to the Cachuma Project. However, under Article 8 (b), the funds could be used for any beneficial purpose consistent with the Water Agency Act within the Santa Ynez River watershed or the Cachuma Project service area. Each fiscal year, representatives from the Cachuma Project Member Units and the County Water Agency must mutually agree on the activities to be funded by the County Water Agency's \$100,000 contribution. To date, the Betterment Fund has been combined with the Trust Fund and Renewal Fund revenues to offset the costs of the Fisheries Program. On January 1, 2011, the balance of the Betterment fund was transferred from Cachuma Conservation Release Board to COMB to support the Fisheries Program.

Note 6 – SOD Act Assessments Receivable and Contract Payable

Bradbury Dam

On July 1, 2002, COMB executed a repayment contract with U.S. Bureau of Reclamation in the Department of Interior of the United States (Reclamation). Under the terms of the agreement and in accordance with the United States Safety of Dams (SOD) Act, COMB will reimburse Reclamation for fifteen percent (15%) of the total amount of SOD Act funds expended by Reclamation to preserve the structural integrity of Bradbury Dam and related Cachuma Project facilities.

COMB entered into a repayment contract with Reclamation when the project was deemed to be substantially complete. The repayment contract, as executed, calls for a repayment of 15% of a total authorized cost of \$45,276,008 or approximately \$6,791,000 plus interest, as appropriate, over a 50-year period.

Notes to the Basic Financial Statements

Note 6 – SOD Act Assessments Receivable and Contract Payable (Continued)

Bradbury Dam (Continued)

The repayment obligation has been allocated fifty-one and three tenths percent (51.3%) to irrigation uses (Irrigation Allocation) or \$3,483,989 and forty eight and seven tenths percent (48.7%) to municipal and industrial (M&I) uses (M&I Allocation) or \$3,307,412. The Irrigation allocation bears no interest and repayment commenced in fiscal year end 2017. Interest during construction in the amount of \$325,477 was added to the M&I Allocation. During construction COMB made advances in the amount of \$1,496,148 that were applied against the M&I Allocation amounts. Accounting for advances made by COMB during construction, the balance due under the M&I Allocation contract was \$2,136,741.

COMB will assess the Cachuma Project Member Units annually amounts equal to the obligation due Reclamation. The annual payment requirements at June 30, 2022 to retire the contract as of October 1, 2051, including interest payments at 5.856%, are presented in the following table. This table does not include adjustments that will be made to the Bradbury Dam repayment contract due to additional incurred costs or for payments that will be required under the Lauro Dam repayment contract.

	M&I Allocation		Irrigation Allocation	Total
	Principal	Interest		
2023	\$ 124,041	\$ 40,829	\$ 96,778	\$ 261,648
2024	131,305	33,565	96,778	261,648
2025	138,994	25,876	96,778	261,648
2026	147,133	17,737	96,778	261,648
2027	155,749	9,121	96,778	261,648
2028 - 2032	-	-	483,890	483,890
2033 - 2037	-	-	483,890	483,890
2038 - 2042	-	-	483,890	483,890
2043 - 2047	-	-	483,890	483,890
2048 - 2052	-	-	483,860	483,860
	<u>\$ 697,222</u>	<u>\$ 127,128</u>	<u>\$ 2,903,310</u>	<u>\$ 3,727,660</u>

Notes to the Basic Financial Statements

Note 6 – SOD Act Assessments Receivable and Contract Payable (Continued)

Bradbury Dam (Continued)

The interest expense for the Bradbury Dam SOD Act contract payable was \$47,691 and \$54,174 for the years ended June 30, 2022 and 2021, respectively.

The total cost of the Bradbury Dam SOD Act project is to be reevaluated and the repayment agreement amended as necessary by Reclamation and COMB when all phases of the work are completed. Total project costs as of June 30, 2022 were \$48,321,547, \$3,045,539 higher than the total cost authorized under the repayment contract. It is management's opinion that COMB will be responsible for reimbursing Reclamation 15% of the total construction costs in excess of the costs per the original repayment contract.

As of June 30, 2022, an additional liability of \$456,831 was recorded for construction costs incurred in excess of the original repayment agreement. This is an estimate based on management's best judgment which may be adjusted as more current information becomes available.

Reclamation can also reevaluate the ability of COMB's Member Agencies to repay the Irrigation Allocation every five years, commencing in fiscal year end 2008. No adjustment has been made to the Irrigation Allocation balance to reflect a discount due to the non-interest bearing feature of the contract.

Lauro Dam

On March 21, 2007, COMB executed a repayment contract with U.S. Bureau of Reclamation in the Department of Interior of the United States (Reclamation). Under the terms of the agreement and in accordance with the United States Safety of Dams (SOD) Act, COMB will reimburse Reclamation for fifteen percent (15%) of the total amount of SOD Act funds expended by Reclamation to preserve the structural integrity of Lauro Dam and reservoir; total costs not to exceed \$17,314,125. The primary contract for construction of the modification project was awarded by Reclamation in September 2005 and the work was deemed substantially complete in February 2007.

Notes to the Basic Financial Statements

Note 6 – SOD Act Assessments Receivable and Contract Payable (Continued)

Lauro Dam (Continued)

The total costs of the Lauro Dam SOD Act project was to be re-evaluated and repayment agreement amended as necessary. During 2017, the Reclamation completed its final accounting for the project and issued a final repayment schedule. The repayment obligation has been allocated fifty and seventy two one hundredths percent (50.72%) to irrigation uses (Irrigation Allocation) or \$512,139, and forty nine and twenty eight hundredths percent (49.28%) to municipal and industrial (M&I) uses (M&I Allocation) or \$497,598. The Irrigation allocation bears no interest

COMB will assess the COMB Member Agencies annually amounts equal to the obligation due October 1, 2057, including interest payments at 4.556%, are presented in the following table. This table represents the final repayment contract received during fiscal year 2017.

	M&I Allocation		Irrigation	Total
	Principal	Interest	Allocation	
2023	\$ 21,549	\$ 13,629	\$ 12,227	\$ 47,405
2024	22,531	12,647	12,227	47,405
2025	23,557	11,620	12,227	47,404
2026	24,630	10,547	12,227	47,404
2027	25,753	9,425	12,227	47,405
2028 - 2032	147,469	28,418	61,136	237,023
2033 - 2037	33,645	1,533	61,136	96,314
2038 - 2042	-	-	61,136	61,136
2043 - 2047	-	-	61,136	61,136
2048 - 2052	-	-	61,136	61,136
2053 - 2057	-	-	61,136	61,136
2058 - 2058	-	-	12,227	12,227
	<u>\$ 299,134</u>	<u>\$ 87,819</u>	<u>\$ 440,178</u>	<u>\$ 827,131</u>

The interest expense for the Lauro Dam SOD Act contract payable was \$14,568 and \$15,466 for the years ended June 30, 2022 and 2021, respectively.

Management deems the assessments receivable related to the Bradbury and Lauro Dams SOD Act projects to be fully collectable.

Notes to the Basic Financial Statements

Note 6 – SOD Act Assessments Receivable and Contract Payable (Continued)

The total SOD Act liability at June 30, 2022 and 2021 is composed of the following:

	<u>June 30, 2022</u>	<u>June 30, 2021</u>
Bradbury Dam repayment contract:		
M&I principal	\$ 697,222	\$ 814,401
Irrigation principal	<u>2,903,310</u>	<u>3,000,089</u>
Total Bradbury Dam repayment contract excluding interest	3,600,532	3,814,490
Bradbury Dam liability for 15% of additional costs incurred over repayment contract	<u>456,831</u>	<u>456,831</u>
Total Bradbury Dam SOD Act liability	4,057,363	4,271,321
Lauro Dam repayment contract:		
M&I principal	299,134	319,743
Irrigation principal	<u>440,178</u>	<u>452,405</u>
Total Lauro SOD Act liability	<u>739,312</u>	<u>772,148</u>
Total SOD Act liability	4,796,675	5,043,469
Less current portion	<u>(254,595)</u>	<u>(246,794)</u>
Long-term portion of SOD Act liability	<u>\$ 4,542,080</u>	<u>\$ 4,796,675</u>

Notes to the Basic Financial Statements

Note 7 – Notes Payable

On July 25, 2014, COMB entered into two notes payable agreements with American Riviera Bank for a total of \$3,200,000 to finance the Emergency Pumping Facilities Project on behalf of Goleta Water District, Carpinteria Valley Water District, and Montecito Water District (participating member agencies). Per the agreement, COMB may draw upon these funds similar to a line of credit until July 25, 2016, at which time a repayment schedule will be provided for the balance of funds drawn. As of June 30, 2016 and 2015, the total outstanding balance on the notes payable was \$2,601,317.

Beginning on August 25, 2014 and until July 25, 2016, COMB was required to make monthly interest payments on the unpaid balance at an initial interest rate of 3.00%. At the end of the straight line of credit period, COMB will make principal and interest payments based on the repayment schedule that will be provided for the balance of funds drawn. The interest rate for the repayment schedule will be established based on the Prime rate as of July 25, 2016.

COMB will make payments on behalf of the participating member agencies and will assess Goleta Water District, Carpinteria Valley Water District and Montecito Water District each member units' share of the debt service payment quarterly.

The loans were guaranteed by the participating member agencies as follows:

	<u>Amount</u>	<u>Allocation</u>
Goleta Water District	\$ 2,016,000	63%
Carpinteria Valley Water District	608,000	19%
Montecito Water District	576,000	18%
	<u>\$ 3,200,000</u>	<u>100%</u>

As a condition of notes payable, at least \$2 million dollars of the notes was required to be spent on capital infrastructure of the Emergency Pumping Facilities Project. In addition, COMB is also required to maintain a deposit relationship at American Riviera Bank. The participating member agencies are required at all times during the loan to set and maintain member unit customer water rates at a level sufficient to pay all outstanding annual member agency debt service and to set aside such debt service revenues in a special district reserve account maintained at a rate of 1.25 to 1 of annual debt service reserve for each dollar outstanding debt service payments due in any particular year.

Notes to the Basic Financial Statements

Note 7 – Notes Payable (Continued)

On July 25, 2016, the draw down period on the notes payable ended and COMB received repayment agreements. The combined outstanding balance on the notes was \$2,601,317 at July 25, 2016. Per the repayment agreements, the notes are due over a period of 5 years with combined monthly payments of \$47,384, including principal and interest. The interest rates on the notes are 3.5%. COMB will make payments on behalf of the participating member agencies and will assess Goleta Water District, Carpinteria Valley Water District and Montecito Water District each member units' share of the debt service payment quarterly.

The following table shows the allocation of the final notes payable balance by participating Member Agency.

	<u>Amount</u>	<u>Allocation</u>
Goleta Water District	\$ 1,638,830	63%
Carpinteria Valley Water District	494,250	19%
Montecito Water District	468,237	18%
	<u>\$ 2,601,317</u>	<u>100%</u>

On August 19, 2016, Carpinteria Valley Water District paid its allocation of the notes payable in full.

On September 1, 2016, American Riviera Bank issued a revised repayment schedule to incorporate Carpinteria Valley Water District's payment. The notes are due over a period of 5 years with combined monthly payments of \$38,478, including principal and interest. The interest rates on the notes are 3.75%. COMB will make payments on behalf of the participating member agencies and will assess Goleta Water District and Montecito Water District each member agencies' share of the debt service payment quarterly.

In July 2021, the note payable was paid in full. The interest expense for the notes payable was \$115 and \$10,775 for the for the years ended June 30, 2022 and 2021, respectively.

Notes to the Basic Financial Statements

Note 8 – Long-Term Debt

Changes in long term debt amounts for years ended June 30, 2022 and 2021 were as follows:

	Beginning Balance 2021	Additions	Principal Payments	Adjustments	Ending Balance 2022
SOD Act liabilities	\$5,043,469	\$ -	\$ (246,794)	\$ -	\$4,796,675
Notes payable	36,623	-	(36,623)	-	-
	<u>\$5,080,092</u>	<u>\$ -</u>	<u>\$ (283,417)</u>	<u>\$ -</u>	<u>\$4,796,675</u>

	Beginning Balance 2020	Additions	Principal Payments	Adjustments	Ending Balance 2021
SOD Act liabilities	\$5,282,882	\$ -	\$ (239,413)	\$ -	\$5,043,469
Notes payable	487,584	-	(450,961)	-	36,623
	<u>\$5,770,466</u>	<u>\$ -</u>	<u>\$ (690,374)</u>	<u>\$ -</u>	<u>\$5,080,092</u>

Notes to the Basic Financial Statements

Note 9 – Capital Assets

The following is a summary of capital assets which include property, plant and equipment at June 30, 2022 and 2021.

	Beginning			Ending
	Balance 2021	Additions	Deletions	Balance 2022
Vehicles	\$ 468,728	\$ 74,992	\$ (28,821)	\$ 514,899
Office furniture and equipment	236,472	76,962	(55,411)	258,023
Field equipment	523,999	25,098	(2,393)	546,704
Mobile offices used for facilities	97,803	424,910	(97,803)	424,910
Resurfacing	38,351	-	-	38,351
Construction in progress	-	258,767	-	258,767
Total depreciable assets	<u>1,365,353</u>	<u>860,729</u>	<u>(184,428)</u>	<u>2,041,654</u>
Less: accumulated depreciation and amortization				
Vehicles	(415,964)	(4,476)	28,821	(391,619)
Office furniture and equipment	(227,444)	(16,282)	55,411	(188,315)
Field equipment	(439,197)	(17,992)	2,393	(454,796)
Mobile offices used for facilities	(97,803)	(10,991)	97,803	(10,991)
Resurfacing	(38,351)	-	-	(38,351)
Total accumulated depreciation and amortization	<u>(1,218,759)</u>	<u>(49,741)</u>	<u>184,428</u>	<u>(1,084,072)</u>
Net capital assets	<u>\$ 146,594</u>	<u>\$ 810,988</u>	<u>\$ -</u>	<u>\$ 957,582</u>

Notes to the Basic Financial Statements

Note 9 – Capital Assets (Continued)

	Beginning			Ending
	Balance 2020	Additions	Deletions	Balance 2021
Vehicles	\$ 468,728	\$ -	\$ -	\$ 468,728
Office furniture and equipment	306,053	-	(69,581)	236,472
Field equipment	550,153	12,604	(38,758)	523,999
Mobile offices used for facilities	97,803	-	-	97,803
Resurfacing	38,351	-	-	38,351
Total depreciable assets	<u>1,461,088</u>	<u>12,604</u>	<u>(108,339)</u>	<u>1,365,353</u>
Less: accumulated depreciation and amortization				
Vehicles	(390,203)	(25,761)	-	(415,964)
Office furniture and equipment	(292,194)	(4,531)	69,281	(227,444)
Field equipment	(458,345)	(19,610)	38,758	(439,197)
Mobile offices used for facilities	(97,803)	-	-	(97,803)
Resurfacing	(38,351)	-	-	(38,351)
Total accumulated depreciation and amortization	<u>(1,276,896)</u>	<u>(49,902)</u>	<u>108,039</u>	<u>(1,218,759)</u>
Net capital assets	<u>\$ 184,192</u>	<u>\$ (37,298)</u>	<u>\$ (300)</u>	<u>\$ 146,594</u>

Note 10 – Joint Powers Insurance Authority

COMB participates in the property and liability program organized by the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA). Employees working for COMB receive the benefits of this plan through the employee services agreement. ACWA/JPIA is a Joint Powers Authority created to provide a self-insurance program to water agencies in the State of California. The ACWA/JPIA is not a component unit of COMB for financial reporting purposes, as explained below.

Notes to the Basic Financial Statements

Note 10 – Joint Powers Insurance Authority (Continued)

ACWA/JPIA provides liability, property and workers' compensation insurance for approximately 300 water agencies for losses in excess of the member agencies specified self-insurance retention levels. Individual claims (and aggregate public liability and property claims) in excess of specified levels are covered by excess insurance policies purchased from commercial carriers. ACWA/JPIA is governed by a board comprised of members from participating agencies. The board controls the operations of ACWA/JPIA, including selection of management and approval of operating budgets, independent of any influence by the members beyond the representation on the board. Each member shares surpluses and deficiencies proportionately to its participation in ACWA/JPIA.

Additional information and complete financial statements for the ACWA/JPIA are available for public inspection at 5620 Birdcage Street, Suite 200, Citrus Heights, CA, between the hours of 8 a.m. and 5 p.m., Monday through Friday.

Note 11 – Deferred Compensation Plan

COMB offers its employees a deferred compensation plan created in accordance with the Internal Revenue Code Section 457. The plan, available to employees at their option, permits participants to defer a portion of their salary until future years. The deferred compensation is not available to participants until termination, retirement, death, or unforeseeable emergency. All amounts of compensation deferred under the plan, all property and rights purchased with those amounts, and all income attributable to those amounts, property, or rights are maintained (until paid or made available to the participant or beneficiary) in a trust account held by State Street Bank and Trust and administered by Lincoln Financial Group. Participants have sole rights under the plan in an amount equal to the fair market value of the deferred for each participant. Contributions made by COMB for the employees to the plan for the years ended June 30, 2022 and 2021 were \$42,272 and \$46,562, respectively.

Notes to the Basic Financial Statements

Note 12 – Pension Plan

Plan Description

All qualified employees are eligible to participate in COMB's Miscellaneous Employee Pension Plan, a cost-sharing multiple employer defined benefit pension plan administered by the California Public Employees' Retirement System (CalPERS). Benefit provisions under the Plans are established by State statute and local government resolution. Eligible employees hired after January 1, 2013 that are considered new members as defined by the Public Employees' Pension Reform Act (PEPRA) participate in the PEPRA Miscellaneous Plan. CalPERS issues publicly available reports that include a full description of the pension plans regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website at: <https://www.calpers.ca.gov/>

Benefits Provided

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, as discussed above. Members with five years of total service are eligible to retire at age 50, or 52 if in the PEPRA Miscellaneous Plan, with statutorily reduced benefits. An optional benefit regarding sick leave was adopted. Any unused sick leave accumulates at the time of retirement will be converted to credited service at a rate of 0.004 years of service for each day of sick leave. All members are eligible for non-duty disability benefits after 10 years of service. The system also provides for the Optional Settlement 2W Death Benefit, as well as the 1959 Survivor Benefit. The cost of living adjustments for all plans are applied as specified by the Public Employees' Retirement Law.

Contributions

Section 20814(c) of the California Public Employees' Retirement Law requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. Funding contributions for both Plans are determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. COMB is required to contribute the difference between the actuarially determined rate and the contribution rate of employees.

Notes to the Basic Financial Statements

Note 12 – Pension Plan (Continued)

Beginning in fiscal year 2016, CalPERS collects employer contributions for the Plan as a percentage of payroll for the normal cost portion as noted in the rates above, and as a dollar amount for contributions toward the unfunded liability. The District's required contribution for the unfunded liability was \$156,034 and \$130,508 for the fiscal years ended June 30, 2022 and 2021, respectively.

For employees hired prior to January 1, 2013 and for all classic members as defined by PEPR, the District pays the a portion of the employee's contribution in addition to the employer's contribution. Effective July 2017, all employees who are "Classic" employees as defined by CalPERS will begin contributing towards their employee member contribution under a phased-in method over the next five years (1.4% annual incremental increase each July 1st) not to exceed 7%. These contributions made on behalf of employees are included in operating expenses on the statement of revenues, expenses, and changes in net position, but are not included in pension expense as disclosed below.

The Plans' provisions and benefits in effect at June 30, 2022 and 2021, are summarized as follows:

	Miscellaneous Plan	
	Prior to January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	2% @ 55	2% @ 62
Benefit vesting schedule	5 years of service	5 years of service
Benefit payments	monthly for life	monthly for life
Retirement age	50 - Minimum	52 - Minimum
Monthly benefits, as a % of eligible compensation	1.4% to 2.4%	1.0% to 2.5%
Required employee contribution rates		
2022	7.00%	6.75%
2021	7.00%	7.25%
Required employer contribution rates		
2022	10.88%	7.59%
2021	11.03%	7.73%

Notes to the Basic Financial Statements

Note 12 – Pension Plan (Continued)

Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions

As of June 30, 2022, COMB reported a liability of \$1,162,437 for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2021, and the total pension liability for all Plans used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2020 rolled forward to June 30, 2021 using standard update procedures. COMB's proportion of the net pension liability was based on a projection of their long-term share of contributions to the pension plans relative to the projected contributions of all participating employers, actuarially determined.

COMB's proportionate share of the net pension liability for all Plans as of June 30, 2021 and 2020 (measurement dates) was as follows:

<u>Measurement Date June 30, 2021</u>		<u>Measurement Date June 30, 2020</u>	
Proportion – June 30, 2020	0.04927%	Proportion – June 30, 2019	0.04728%
Proportion – June 30, 2021	<u>0.06122%</u>	Proportion – June 30, 2020	<u>0.04927%</u>
Change – Increase (Decrease)	<u>0.01195%</u>	Change – Increase (Decrease)	<u>0.00199%</u>

For the years ended June 30, 2022 and 2021, COMB recognized pension expense of \$383,322 and \$379,095, respectively. COMB's contributions to the Plan for the years ended June 30, 2022 and 2021 were \$282,006 and \$246,414, respectively.

At June 30, 2022 and 2021, COMB reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

Notes to the Basic Financial Statements

Note 12 – Pension Plan (Continued)

Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)

	June 30, 2022		June 30, 2021	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 282,006	\$ -	\$ 246,414	\$ -
Differences between expected and actual experience	130,355	-	107,096	-
Changes in assumptions	-	-	-	(14,823)
Changes in employer's proportion	67,309	-	81,963	-
Difference between the employer's contributions and the employer's proportionate share of contributions	-	(87,999)	-	(88,379)
Net differences between projected and actual earnings on plan investments	-	(1,014,746)	61,736	-
Total	<u>\$ 479,670</u>	<u>\$ (1,102,745)</u>	<u>\$ 497,209</u>	<u>\$ (103,202)</u>

Employer contributions of \$282,006 reported at June 30, 2022 as deferred outflows of resources related to contributions made subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2023.

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Notes to the Basic Financial Statements

Note 12 – Pension Plan (Continued)

Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)

Fiscal Year Ended	
June 30	
2023	\$ (192,950)
2024	(202,180)
2025	(229,527)
2026	(280,424)
2027	-
Thereafter	-
	<u>\$ (905,081)</u>

Initial unfunded liabilities are amortized over a closed period that depends on the plan's date of entry into CalPERS. Subsequent plan amendments are amortized as level percentage of pay over a closed 20-year period. Gains and losses that occur in the operation of the plan are amortized over a 30 year rolling period. If the plan's accrued liability exceeds the actuarial value of plan assets, then the amortization payment on the total unfunded liability may not be lower than the payment calculated over a 30 year amortization period.

Actuarial Assumptions

The total pension liabilities in the June 30, 2020 and 2019 actuarial valuations (June 30, 2021 and 2020 measurement dates) were determined using the following actuarial assumptions:

Notes to the Basic Financial Statements

Note 12 – Pension Plan (Continued)

Actuarial Assumptions (Continued)

	For the Year Ended June 30,	
	2022	2021
	Miscellaneous Plan	Miscellaneous Plan
Valuation Date	June 30, 2020	June 30, 2019
Measurement Date	June 30, 2021	June 30, 2020
Actuarial Cost Method	Entry-Age Normal Cost Method, in accordance with the requirements of GASB Statement No. 68	Entry-Age Normal Cost Method, in accordance with the requirements of GASB Statement No. 68
Actuarial Assumptions:		
Discount Rate	7.15%	7.15%
Inflation	2.50%	2.50%
Projected Salary Increase	Varies by entry age and service (1)	Varies by entry age and service (1)
Investment Rate of Return	7.15%	7.15%
Mortality	Derived using CalPERS' Membership Data for all Funds	Derived using CalPERS' Membership Data for all Funds
Post Retirement Benefit Increase	Contract COLA up to 2.5% until Purchasing Power Protection Allowance Floor on Purchasing Power applies	Contract COLA up to 2.5% until Purchasing Power Protection Allowance Floor on Purchasing Power applies

(1) Depending on age, service and type of employment

(2) Net of pension plan investment expenses, including inflation

Change of Assumptions

Deferred inflows and outflows of resources for changes of assumptions represents the unamortized portion of the changes of assumptions related to prior measurement periods.

Notes to the Basic Financial Statements

Note 12 – Pension Plan (Continued)

Discount Rate

The discount rate used to measure the total pension liability was 7.15% for the measurement periods ending June 30, 2021 and 2020, respectively. To determine whether the municipal bond rate should be used in the calculation of the discount rate for public agency plans (including PERF C), the amortization and smoothing periods recently adopted by the CalPERS Board were used. For the Plan, the crossover test was performed for a miscellaneous agent rate plan and a safety agent rate plan selected as being more at risk of failing the crossover test and resulting in a discount rate that would be different from the long-term expected rate of return on pension investment. Based on the testing of the rate plans, the tests revealed the assets would not run out. Therefore, long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability for PERF C. The crossover test results are presented in a detailed report called “GASB Crossover Testing Report” that can be obtained on CalPERS’ website under the GASB 68 section.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all the funds’ asset classes, expected compound returns were calculated over the short-term (first 10 years) and the long-term (11-60 years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and rounded down to the nearest one quarter of one percent.

The table below reflects the long-term expected arithmetic real rate of return by asset class. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation.

Notes to the Basic Financial Statements

Note 12 – Pension Plan (Continued)

Discount Rate (Continued)

Asset Class	Measurement Date - June 30, 2021			Measurement Date - June 30, 2020		
	Net Strategic Allocation	Real Return Years 1 - 10(a)	Real Return Years 11+(b)	Net Strategic Allocation	Real Return Years 1 - 10(a)	Real Return Years 11+(b)
Global Equity	50.00%	4.80%	5.98%	50.00%	4.80%	5.98%
Global Fixed Income	28.00%	1.00%	2.62%	28.00%	1.00%	2.62%
Inflation Sensitive	0.00%	0.77%	1.81%	0.00%	0.77%	1.81%
Private Equity	8.00%	6.30%	7.23%	8.00%	6.30%	7.23%
Real Estate	13.00%	3.75%	4.93%	13.00%	3.75%	4.93%
Liquidity	1.00%	0.00%	-0.92%	1.00%	0.00%	-0.92%

(a) An expected inflation of 2.0% used for this period.

(b) An expected inflation of 2.92% used for this

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following presents COMB's proportionate share of the net pension liability calculated using the discount rate of 7.15% at the measurement dates June 30, 2021 and June 30, 2020 as well as what COMB's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

For the Fiscal Year Ended June 30, 2022		For the Fiscal Year Ended June 30, 2021	
1% Decrease	6.15%	1% Decrease	6.15%
Net Pension Liability	\$ 2,347,293	Net Pension Liability	\$ 3,221,306
Current Discount Rate	7.15%	Current Discount Rate	7.15%
Net Pension Liability	\$ 1,162,437	Net Pension Liability	\$ 2,078,203
1% Increase	8.15%	1% Increase	8.15%
Net Pension Liability	\$ 182,933	Net Pension Liability	\$ 1,133,693

Notes to the Basic Financial Statements

Note 12 – Pension Plan (Continued)

Pension Plan Fiduciary Net Position

Detailed information about all pension plan fiduciary net positions is available in the separately issued CalPERS financial reports.

Note 13 – Other Post-employment Benefits (OPEB)

Plan Description

COMB offers a single-employer post-retirement health insurance benefit plan (medical, dental, and vision service) to retired employees.

For employees hired before February 1, 2014, COMB pays 100% of insurance premiums for retired employees and their spouses/registered domestic partners. Under the Plan, a “retired employee” is a former employee of COMB who (i) performed a minimum of twelve (12) years of continuous service for COMB (or CalPERS covered service); (ii) is receiving a monthly retirement benefit from the Public Employees Retirement System (PERS); and (iii) was employed by COMB immediately prior to becoming eligible to receive benefits under PERS.

For employees hired on and after February 1, 2014, COMB pays 50% of the retiree insurance premiums after 12 years of covered service, with increases in premium payments coverage at 6.25% per covered year until COMB pays 100% of the insurance premium at 20 years of covered service. Under the Plan, a “retired employee” is a former employee of COMB who (i) performed a minimum of twelve (12) years of continuous service for COMB (or CalPERS covered service); (ii) is receiving a monthly retirement benefit from the Public Employees Retirement System (PERS); and (iii) was employed by COMB immediately prior to becoming eligible to receive benefits under PERS. The spouse of a retiree is not included in this coverage.

The Public Employees’ Pension Reform Act (PEPRA) became law in January 2013. Since that time, all retirees reaching Medicare eligible age must enroll in Medicare whereby Medicare becomes primary and their current health insurance coverage through ACWA/JPIA becomes secondary. The OPEB Plan does not have a stand alone report.

Notes to the Basic Financial Statements

Note 13 – Other Post-employment Benefits (OPEB) (Continued)

Employees Covered

As of the June 30, 2022 actuarial valuation, the following current and former employees were covered by the benefit terms under the OPEB Plan:

Participating active employees	13
Inactive employees or beneficiaries currently receiving benefits	9
Total	<u>22</u>

Funding Policy

COMB funds the plan on a pay as you go basis. COMB contributes up to the amount of the monthly premium for employees and dependents, plus administrative fees.

Net OPEB Liability

The District's net OPEB liability was measured as of June 30, 2022 and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation dated June 30, 2022 based on the following actuarial methods and assumptions:

	<u>OPEB Plan</u>
Actuarial Cost Method:	Entry-Age Actuarial Cost Method in accordance with the requirements of GASB Statement No. 75
Actuarial Assumptions:	
Inflation	2.50%
Discount Rate	3.54%
Payroll Growth (1)	2.75%
Mortality Assumptions:	2017 CalPERS Active Mortality for Miscellaneous Employees
Mortality Tables	
Experience Studies:	Hired before 2013: 2017 CalPERS 2.0%@55 Rates for Miscellaneous Employees;
Retirement Tables	Hired after 2013: 2017 CalPERS 2.0%@62 Rates for Miscellaneous Employees
Experience Studies: Turnover Table	2017 CalPERS Turnover for Miscellaneous Employees
Healthcare Trend Rate	4% per year

(1) Benefits are not dependent upon salary. Rate is used in applying the level percentage of projected payroll amortization method.

Notes to the Basic Financial Statements

Note 13 – Other Post-employment Benefits (OPEB) (Continued)

Discount Rate

The discount rate used to measure the total OPEB liability was 3.54% and 2.16% for the measurement periods ending June 30, 2022 and 2021, respectively. The discount rate is the equivalent index rate for 20-year General Obligation Municipal Bonds with an average rating of A or higher. The Bond Buyer 20 Bond Index at June 30, 2022 was used.

Changes in the Net OPEB Liability

The changes in the net OPEB liability for the OPEB Plan are as follows:

	Total OPEB Liability (a)	Plan Fiduciary Net Position (b)	Net OPEB Liability/ (Asset) (a) - (b)
Balance at June 30, 2021 (Measurement Date June 30, 2021)	\$ 5,789,486	\$ -	\$ 5,789,486
Changes Recognized for the Measurement Period:			
Service cost	236,346	-	236,346
Interest on Total OPEB Liability	125,738	-	125,738
Contributions - Employer	-	172,946	(172,946)
Benefit Payments	(172,946)	(172,946)	-
Expected versus actual experience	(75,021)	-	(75,021)
Assumption changes	(623,479)	-	(623,479)
Changes in benefit terms	(1,923,020)	-	(1,923,020)
Net Changes	(2,432,382)	-	(2,432,382)
Balance at June 30, 2022 (Measurement Date June 30, 2022)	\$ 3,357,104	\$ -	\$ 3,357,104

Sensitivity of the Net OPEB Liability to Changes in the Discount Rate

The following presents the net OPEB liability of the District if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate, for measurement period ended June 30, 2022:

1% Decrease	Current Discount Rate	1% Increase
2.54%	3.54%	4.54%
\$ 3,792,012	\$ 3,357,104	\$ 2,996,256

Notes to the Basic Financial Statements

Note 13 – Other Post-employment Benefits (OPEB) (Continued)

Sensitivity of the Net OPEB Liability to Changes in the Health Care Cost Trends

The following presents the net OPEB liability of the District if it were calculated using health care cost trend rates that are one percentage point lower or one percentage point higher than the current rate, for measurement period ended June 30, 2022:

Trend 1% Lower	Valuation Trend	Trend 1% Higher
\$ 2,948,805	\$ 3,357,104	\$ 3,857,745

Recognition of Deferred Outflows and Deferred Inflows of Resources

Gains and losses related to changes in total OPEB liability and fiduciary net position are recognized in OPEB expense systematically over time. Amounts are first recognized in OPEB expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to OPEB and are to be recognized in future OPEB expense.

The recognition period differs depending on the source of the gain or loss. The difference between projected OPEB plan investment earnings and actual earnings is amortized over a five year period. The remaining gains and losses are amortized over the expected average remaining service life, which was 9.3 years at measurement date June 30, 2022.

OPEB Expense and Deferred Outflows/Inflows of Resources Related to OPEB

For the years ended June 30, 2022 and 2021, COMB recognized OPEB expense of (\$1,598,056) and \$388,776, respectively. During the year ended June 30, 2022, COMB switched to a Medicare plan which carried a substantially lower premium than the previous plan. The change in plans had a significant impact, decreasing the measured liability by 1.9M. This was reflected as a Change in Benefit Terms which means that the entire decrease flows through OPEB expense in the current year rather than being deferred and amortized over time. This causes a negative OPEB expense which is reflected as an OPEB benefit.

At June 30, 2022 and 2021, COMB reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

Notes to the Basic Financial Statements

Note 13 – Other Post-employment Benefits (OPEB) (Continued)

OPEB Expense and Deferred Outflows/Inflows of Resources Related to OPEB (Continued)

	June 30, 2022		June 30, 2021	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
OPEB contributions subsequent to measurement date	\$ -	\$ -	\$ -	\$ -
Differences between expected and actual experience	-	(584,423)	-	(588,356)
Changes in assumptions	761,719	(556,438)	870,594	-
Total	<u>\$ 761,719</u>	<u>\$ (1,140,861)</u>	<u>\$ 870,594</u>	<u>\$ (588,356)</u>

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized as OPEB expense as follows:

Fiscal Year Ended June 30	
2023	\$ (37,120)
2024	(37,120)
2025	(37,120)
2026	(37,120)
2027	(37,120)
Thereafter	<u>(193,542)</u>
	<u>\$ (379,142)</u>

Note 14 – Commitments and Contingencies

1993 Cachuma Project Authority Bonds

In 1996 COMB merged with the Cachuma Project Authority (CPA) and as a result of this merger COMB became the agency responsible for the oversight and payment of the 1993 CPA bonds. These bonds have not been recorded on the books of COMB since three of the Member Agencies are obligated under Joint Participation Agreements to make the principal and interest payments on behalf of COMB.

Notes to the Basic Financial Statements

Note 14 – Commitments and Contingencies (Continued)

1993 Cachuma Project Authority Bonds (Continued)

On August 19, 2004, COMB refinanced the 1993 CPA bonds with the 2004 Cachuma Operation and Maintenance Board Bonds (Bonds) for \$4,480,000 at varying interest rates from 3.000% to 4.625% on behalf of three Member Agencies. Each of the three Member Agencies participants has entered into one or more joint participation agreements with COMB pursuant to which the Member Agency is obligated to make certain payments with respect to certain additions, betterments, extensions or improvements to such Member Agencies' water system. Such payments will constitute revenues pledged to secure the payment of the principal of and interest on the Bonds.

As of June 30, 2022, Carpinteria and Montecito have paid off their portion of the bond obligation, leaving only ID No. 1 with an outstanding bond obligation. ID No. 1 pays their share of the required payments, including interest and principal, directly to the bond issuer. No money is passed through COMB.

Legal Contingencies

In the ordinary course of conducting business, various legal proceedings may be pending; however, in the opinion of COMB's management, the ultimate disposition of these matters will have no significant impact on the financial position of the COMB.

Emergency Pumping Facilities Project Operating Costs (EPFP)

As a part of the construction and operating agreement, COMB is obligated to pay \$98,000 a month for operating costs to Cushman Contracting until the pumping facility is disposed. In February 2017, significant rainfall raised the water level at Lake Cachuma and the pump was subsequently demobilized and placed on standby. Monthly costs for when the pump is on stand-by are \$3,500.

COMB staff regularly monitors projected lake elevation scenarios for planning purposes. If it becomes likely that the EPFP needs to be deployed during the current fiscal year, approval for a budget augmentation will be presented to the Board.

Exact timing of EPFP remobilization is dependent on certain factors including, but not limited to, future rainfall, lake elevation and member unit demands.

Notes to the Basic Financial Statements

Note 14 – Commitments and Contingencies (Continued)

Global Pandemic

On January 30, 2020, the World Health Organization declared the coronavirus outbreak a “Public Health Emergency of International Concern” and on March 11, 2020, declared it to be a pandemic. Actions taken around the world to help mitigate the spread of the coronavirus include restrictions on travel, quarantines in certain areas, and forced closures for certain types of public places and businesses. The coronavirus and actions taken to mitigate it have had and are expected to continue to have an adverse impact on the economics and financial markets of many countries, including the geographic area in which COMB operates.

Note 15 – Subsequent Events

Subsequent events have been evaluated through December 9, 2022 the date that the financial statements were available to be issued.

Required Supplementary Information

A COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN

AS OF JUNE 30, 2022

LAST 10 YEARS*

CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

SCHEDULE OF CACHUMA OPERATION AND MAINTENANCE BOARD'S

PROPORTIONATE SHARE OF THE NET PENSION LIABILITY

	2022	2021	2020	2019	2018	2017	2016	2015
Proportion of the net pension liability	0.02149%	0.01910%	0.01848%	0.01798%	0.01797%	0.01766%	0.01690%	0.01800%
Proportionate share of the net pension liability	\$1,162,437	\$2,078,203	\$1,893,141	\$1,732,868	\$1,781,995	\$1,527,915	\$1,160,030	\$1,120,314
Covered payroll	\$1,268,422	\$1,393,821	\$1,247,498	\$1,165,740	\$1,086,753	\$933,496	\$1,030,191	\$1,021,786
Proportionate Share of the net pension liability as percentage of covered payroll	91.64%	149.10%	151.76%	148.65%	163.97%	163.68%	112.60%	109.64%
Plan fiduciary net position as a percentage of percentage of the total pension liability	87.05%	75.81%	76.84%	77.72%	76.04%	77.19%	81.67%	81.76%
Measurement date:	6/30/2021	6/30/2020	6/30/2019	6/30/2018	6/30/2017	6/30/2016	6/30/2015	6/30/2014
Valuation date:	6/30/2020	6/30/2019	6/30/2018	6/30/2017	6/30/2016	6/30/2015	6/30/2014	6/30/2013

Notes to Schedule:

Benefit changes: The figures above do not include any liability impact that may have resulted from plan changes which occurred after the June 30, 2020 valuation date.

* Historical information is required only for measurement periods for which GASB 68 is applicable. Future year's information will be displayed up to 10 years as information becomes applicable

See accompanying notes

Required Supplementary Information

**CACHUMA OPERATION AND MAINTENANCE BOARD
A COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN
AS OF JUNE 30, 2022
LAST 10 YEARS*
CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF CACHUMA OPERATION & MAINTENANCE BOARD'S CONTRIBUTIONS**

	Miscellaneous							
	2022	2021	2020	2019	2018	2017	2016	2015
Contractually required contribution (actuarially determined)	\$ 282,006	\$ 246,413	\$ 229,718	\$ 190,925	\$ 180,892	\$ 161,108	\$ 139,831	\$ 133,619
Contributions in relation to the actuarially determined contributions	\$ 282,006	\$ 246,413	\$ 229,718	\$ 190,925	\$ 180,892	\$ 161,108	\$ 139,831	\$ 133,619
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Covered payroll	\$ 1,373,248	\$ 1,268,422	\$ 1,393,821	\$ 1,247,498	\$ 1,165,740	\$ 1,086,753	\$ 933,496	\$ 1,030,191
Contributions as a percentage of covered payroll	20.54%	19.43%	16.48%	15.30%	15.52%	13.30%	10.76%	12.97%

Notes to Schedule:

Funding valuation date: 6/30/2019 6/30/2018 6/30/2017 6/30/2016 6/30/2015 6/30/2014 6/30/2013 6/30/2012

The actuarial methods and assumptions used to set the actuarially determined contributions for fiscal year 2021-2022 were derived from the June 30, 2019 funding valuation report.

* Historical information is required only for measurement periods for which GASB 68 is applicable. Future year's information will be displayed up to 10 years as information becomes applicable

See accompanying notes

Required Supplementary Information

**CACHUMA OPERATION AND MAINTENANCE BOARD
OTHER POSTEMPLOYMENT BENEFIT PLAN (OPEB)
SCHEDULE OF CHANGES IN THE NET OPEB LIABILITY AND RELATED RATIOS
FOR THE YEAR ENDED JUNE 30, 2022
LAST 10 YEARS***

	2022	2021	2020	2019	2018
Total OPEB liability:					
Service cost	\$ 236,346	\$ 227,626	\$ 99,286	\$ 89,531	\$ 87,135
Interest on the total OPEB liability	125,738	123,163	186,517	175,856	187,791
Expected versus actual experience	(75,021)	-	(730,130)	-	-
Changes of assumptions	(623,479)	35,409	835,434	238,389	-
Changes in benefit terms	(1,923,020)	-	-	-	-
Benefit payments	(172,946)	(162,409)	(209,622)	(198,531)	(190,895)
Net change in total OPEB liability	(2,432,382)	223,789	181,485	305,245	84,031
Total OPEB liability - beginning	5,789,486	5,565,697	5,384,212	5,078,967	4,994,936
Total OPEB liability - ending (a)	<u>\$ 3,357,104</u>	<u>\$ 5,789,486</u>	<u>\$ 5,565,697</u>	<u>\$ 5,384,212</u>	<u>\$ 5,078,967</u>
Fiduciary Net Position					
Employer contributions	\$ 172,946	\$ 162,409	\$ 209,622	\$ 198,531	\$ 190,895
Benefit payments	(172,946)	(162,409)	(209,622)	(198,531)	(190,895)
Net change in fiduciary net position	-	-	-	-	-
Total fiduciary net position - beginning	-	-	-	-	-
Total fiduciary net position - ending (b)	<u>\$ -</u>				
Net OPEB liability - ending (a) - (b)	\$ 3,357,104	\$ 5,789,486	\$ 5,565,697	\$ 5,384,212	\$ 5,078,967
Plan fiduciary net position as a percentage of the total OPEB liability	0.00%	0.00%	0.00%	0.00%	0.00%
Covered - employee payroll	\$ 1,491,479	\$ 1,425,249	\$ 1,393,821	\$ 1,268,927	\$ 1,257,371
Net OPEB liability as a percentage of covered - employee payroll	225.09%	406.21%	399.31%	424.31%	403.94%
Valuation date	06/30/22	06/30/20	06/30/20	06/30/18	06/30/18
Measurement date	06/30/22	06/30/21	06/30/20	06/30/19	06/30/18

Notes to Schedule:

* Historical information is required only for measurement periods for which GASB 75 is applicable. Future year's information will be displayed up to 10 years as information becomes applicable.

See accompanying notes

Other Supplementary Information

SUPPLEMENTAL SCHEDULE OF OPERATION AND MAINTENANCE, GENERAL AND ADMINISTRATIVE AND OTHER MAINTENANCE EXPENSE

For the Years Ended June 30, 2022 and 2021

	2022	2021
Operation and Maintenance Division		
Operation and Maintenance Expense		
Salaries and benefits	\$ 947,104	\$ 871,996
Contract labor	115,966	87,469
Equipment	4,322	5,231
Equipment rental	363	1,056
Materials and supplies	77,487	66,575
Vehicle maintenance	31,391	31,988
Other expenses	40,821	43,055
Total operation and maintenance expense	\$ 1,217,454	\$ 1,107,370
General and Administrative Expense		
Administration salaries and benefits	\$ 377,693	\$ 388,586
Accrued wages and vacation	4,904	7,445
Directors fees and expense	8,375	7,180
Legal and audit	66,068	93,507
Liability insurance	22,708	17,934
Health insurance and workers compensation	(8,181)	(43,036)
Retirement plan expense (benefit) (Note 13)	(1,598,056)	358,701
Payroll tax expense	20,500	20,977
Office supplies and expense	48,478	44,307
Membership dues	10,948	10,252
Employee training	165	1,607
Public information	2,439	2,838
Other expenses	33,894	25,405
Total general and administrative expense	\$ (1,010,065)	\$ 935,703
Special Projects		
Flow meter upgrades and SCADA system	\$ 22,146	\$ 126,910
COMB building / grounds repair	53,248	6,370
Intergrated regional water management plan	3,143	4,560
SCC structure rehabilitation	151,489	258,133
SCC structure rehab & repair Ortega outlet pipline	245,233	-
SCC lower reach lateral structure	-	10,815
GIS and mapping	9,300	7,250
Watershed sanitary survey project	16,830	36,231
Cachuma watershed management study	2,234	15,397
SCC Isolation Valve Evaluation	438,855	-
San Jose Creek pipe stabilization	-	1,736
ROW management program	18,925	992
Total special projects	\$ 961,403	\$ 468,394

See accompanying notes

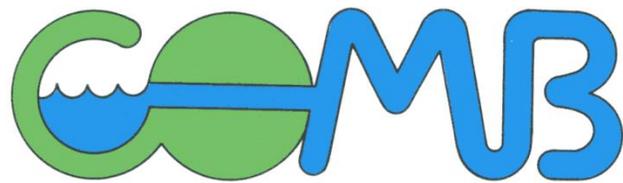
Other Supplementary Information

SUPPLEMENTAL SCHEDULE OF OPERATION AND MAINTENANCE, GENERAL AND ADMINISTRATIVE AND OTHER MAINTENANCE EXPENSE (CONTINUED)

For the Years Ended June 30, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Fisheries Division		
Operation and Maintenance Expense		
Salaries and benefits	\$ 735,311	\$ 683,164
Contract labor	8,540	9,613
Vehicles and equipment	24,885	23,083
Materials and supplies	5,100	5,774
Other expenses	4,242	3,334
Total operating and maintenance expense	<u>\$ 778,078</u>	<u>\$ 724,968</u>
General and Administrative Expense		
Administration salaries and benefits	\$ 172,751	\$ 168,568
Health insurance and workers compensation	20,307	19,520
Retirement plan expense (benefit) (Note 13)	-	(16,194)
Payroll tax expense	11,038	11,295
Office supplies and expense	28,068	24,053
Administrative travel and conferences	-	9
Membership dues	6,750	6,133
Legal and audit	16,724	19,529
Accrued wages and vacation	2,117	3,018
Liability insurance	12,227	9,657
Other expenses	17,130	13,929
Total general and administrative expense	<u>\$ 287,112</u>	<u>\$ 259,517</u>
Fishery Related Projects		
FMP implementation	\$ 15,817	\$ 29,967
GIS and mapping	6,620	4,520
USGS stream gauge program	89,605	97,534
Oak tree restoration program	16,510	13,685
Total fishery related projects	<u>\$ 128,552</u>	<u>\$ 145,706</u>
Other Habitat Enhancement		
Tributary projects support	1,287	138
Total other habitat enhancement	<u>\$ 1,287</u>	<u>\$ 138</u>

See accompanying notes



**STATISTICAL
SECTION**

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STATISTICAL SECTION NARRATIVE SUMMARY

The information in this section is not covered by the Independent Auditor’s Report, but is presented as supplemental data for the benefit of the readers of the annual comprehensive financial report. The objectives of statistical section information are to provide financial statement users with additional historical perspective, context and detail to assist in using the information in the financial statements, notes to financial statements, and required supplementary information to understand and assess a government’s economic condition.

	Page
<p><u>FINANCIAL TRENDS</u></p> <p>These schedules contain trend information to help the reader understand how COMB’s financial performance and well-being have changed over time.</p>	88-94
<p><u>DEBT CAPACITY</u></p> <p>These schedules present information to help the reader assess the affordability of COMB’s current level of outstanding debt.</p>	95
<p><u>ECONOMIC AND DEMOGRAPHIC INFORMATION</u></p> <p>These schedules offer economic and demographic indicators to help the reader understand the environment within which COMBs financial activities take place.</p>	96-97
<p><u>OPERATING INFORMATION</u></p> <p>These schedules contain service and infrastructure data to help the reader understand how the information in COMB’s financial report relates to the activities performed by COMB.</p>	98-107

Schedule 1**Changes in Net Position and Net Position Component
Previous Ten Fiscal Years**

	2012-13	2013-14	2014-15	2015-16	2016-17
Net position, beginning of year	\$ (174,886)	\$ 281,811	\$ 372,837	\$ (2,949,423)	\$ (1,987,863)
Operating revenues (see schedule 2)	5,492,902	5,470,764	5,889,530	7,019,280	6,490,950
Operating expenses (see schedule 4)	4,718,750	5,198,460	7,698,633	5,811,811	6,534,603
Depreciation	87,680	77,213	58,123	72,380	65,118
Net operating gain (loss)	686,472	195,091	(1,867,226)	1,135,089	(108,771)
Non-operating revenues (expenses) (see schedule 4)					
Non-operating revenues	424	399	1,551	2,307	7,072
Non-operating expenses	109,419	104,464	99,228	175,836	127,712
Total non-operating revenues (expense)	(108,995)	(104,065)	(97,677)	(173,529)	(120,640)
Change in net position	577,477	91,026	(1,964,903)	961,560	(229,411)
Prior Period Adjustment ^{(1), (2)}	-	-	(1,357,357)	-	-
Amount constructively returned to members	(120,780)	-	-	-	-
Net position, end of year	\$ 281,811	\$ 372,837	\$ (2,949,423)	\$ (1,987,863)	\$ (2,217,274)
Invested in capital assets	198,875	142,007	199,564	205,908	147,311
Unrestricted					
Designated to be constructively returned	82,936	230,830	-	-	-
Accumulated earnings (deficit)	-	-	(3,148,987)	(2,193,771)	(2,364,585)
Total Net Position	\$ 281,811	\$ 372,837	\$ (2,949,423)	\$ (1,987,863)	\$ (2,217,274)

Notes:

- (1) In FY 2014-15, COMB implemented GASB Statement No. 68 - Accounting and Financial Reporting for Pensions resulting in a prior period adjustment to establish the Net Pension Liability at June 30, 2014. Note 12 contains further detailed explanation.
- (2) In FY 2017-18, COMB implemented GASB Statement No. 75 - Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions resulting in a prior period adjustment to adjust the Net OPEB Liability at the end of June 30, 2017. Note 13 contains further detailed explanation.

Source: COMB's Annual Audited Financial Statements

Schedule 1 (continued)**Changes in Net Position and Net Position Component
Previous Ten Fiscal Years**

	2017-18	2018-19	2019-20	2020-21	2021-22
Net position, beginning of year	\$ (2,217,274)	\$ (6,580,482)	\$ (6,177,407)	\$ (6,108,863)	\$ (5,818,231)
Operating revenues (see schedule 2)	3,545,146	6,827,119	6,686,085	4,189,738	4,799,037
Operating expenses (see schedule 4)	3,795,688	6,283,533	6,482,474	3,789,829	2,436,470
Depreciation	55,097	56,583	66,068	49,902	49,741
Net operating gain (loss)	(305,639)	487,003	137,543	350,007	2,312,826
Non-operating revenues (expenses) (see schedule 4)					
Non-operating revenues	16,551	31,476	23,405	8,425	22,235
Non-operating expenses	134,132	115,404	92,404	67,800	69,226
Total non-operating revenues (expenses)	(117,581)	(83,928)	(68,999)	(59,375)	(46,991)
Change in net position	(423,220)	403,075	68,544	290,632	2,265,835
Prior Period Adjustment ^{(1), (2)}	(3,939,988)	-	-	-	-
Amount constructively returned to members	-	-	-	-	-
Net position, end of year	\$ (6,580,482)	\$ (6,177,407)	\$ (6,108,863)	\$ (5,818,231)	\$ (3,552,396)
Invested in capital assets	156,918	163,783	184,192	146,594	957,582
Unrestricted					
Designated to be constructively returned	-	-	-	-	-
Accumulated earnings (deficit)	(6,737,400)	(6,341,190)	(6,293,055)	(5,964,825)	(4,509,978)
Total Net Position	\$ (6,580,482)	\$ (6,177,407)	\$ (6,108,863)	\$ (5,818,231)	\$ (3,552,396)

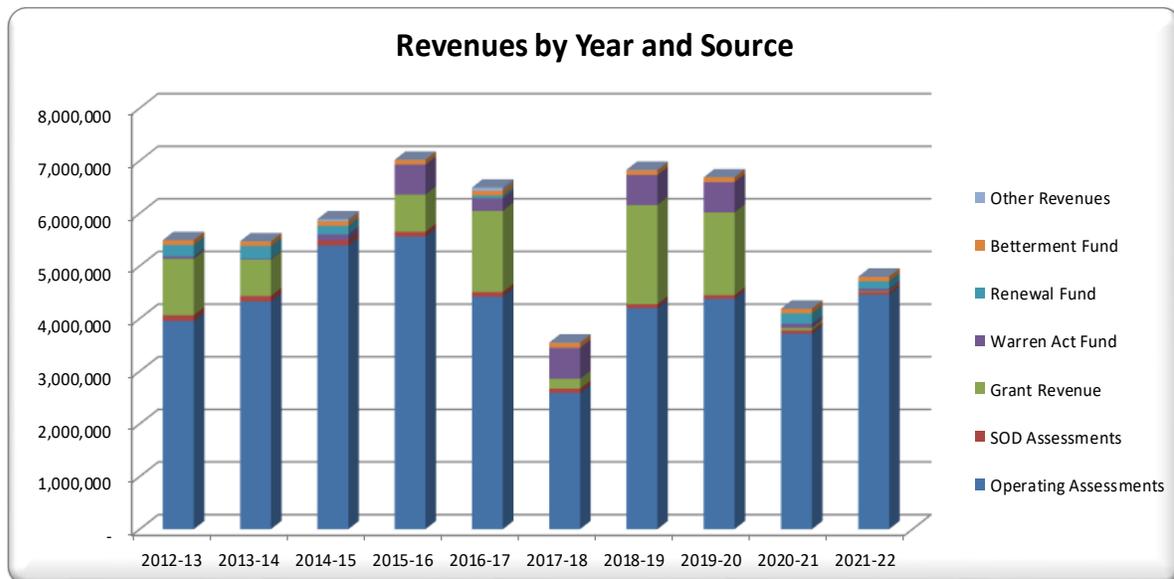
Notes:

- (1) In FY 2014-15, COMB implemented GASB Statement No. 68 - Accounting and Financial Reporting for Pensions resulting in a prior period adjustment to establish the Net Pension Liability at June 30, 2014. Note 12 contains further detailed explanation.
- (2) In FY 2017-18, COMB implemented GASB Statement No. 75 - Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions resulting in a prior period adjustment to adjust the Net OPEB Liability at the end of June 30, 2017. Note 13 contains further detailed explanation.

Source: COMB's Annual Audited Financial Statements

Schedule 2
Revenues by Source
Previous Ten Fiscal Years

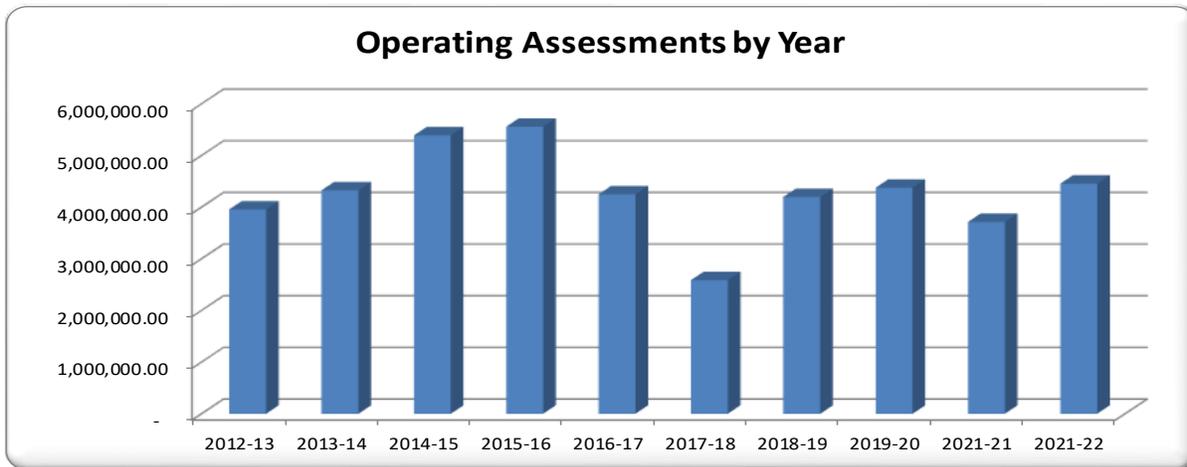
Fiscal Year	Operating Assessments	SOD Assessments	Grant Revenue	Warren Act Fund	Renewal Fund	Cachuma Project Betterment Fund	Other Revenues	Total Revenues
2012-13	3,955,261	109,419	1,072,139	43,559	219,770	90,004	2,750	5,492,902
2013-14	4,325,615	104,464	689,076	16,555	242,912	90,000	2,142	5,470,764
2014-15	5,389,631	99,228	-	113,434	159,887	90,000	37,350	5,889,530
2015-16	5,556,673	93,692	705,205	571,728	-	90,000	1,982	7,019,280
2016-17	4,415,207	89,479	1,542,476	238,306	52,872	90,000	62,610	6,490,950
2017-18	2,587,215	83,228	186,266	590,019	-	90,000	8,418	3,545,146
2018-19	4,197,066	76,622	1,886,408	569,521	-	90,000	7,502	6,827,119
2019-20	4,376,204	69,640	1,573,172	576,293	-	90,000	777	6,686,085
2020-21	3,713,700	62,259	47,017	77,780	198,482	90,000	500	4,189,738
2021-22	4,455,986	54,458	15,763	43,086	139,744	90,000	-	4,799,037
Total	\$ 46,125,911	\$ 956,594	\$ 11,313,062	\$ 2,917,165	\$ 1,204,877	\$ 990,004	\$ 129,260	\$ 63,636,873
% of Total	72.5%	1.5%	17.8%	4.6%	1.9%	1.6%	0.2%	100.0%



Source: COMB's Annual Audited Financial Statements

Schedule 3
Operating Assessments (Unaudited) ⁽¹⁾
Previous Ten Fiscal Years

Fiscal Year	Goleta Water District	City of Santa Barbara	Carpinteria Valley Water	Montecito Water District	Santa Ynez River Water Conservation	Total
					District ID No. 1	
2012-13	1,559,795	1,384,702	472,489	445,550	92,725	3,955,261
2013-14	1,701,748	1,511,073	515,719	486,273	110,802	4,325,615
2014-15 ⁽²⁾	1,415,063	3,025,216	430,371	403,030	115,951	5,389,631
2015-16 ^{(3),(4)}	2,363,419	1,801,784	716,135	675,334	92,588	5,649,260
2016-17 ^{(3),(4),(5)}	1,672,907	1,192,299	903,824	479,177	151,424	4,399,631
2017-18 ⁽⁵⁾	1,181,845	729,668	250,699	339,518	85,484	2,587,215
2018-19 ⁽⁵⁾	1,850,921	1,323,609	452,646	529,872	40,017	4,197,066
2019-20 ⁽⁵⁾	1,919,558	1,384,576	470,513	546,386	55,170	4,376,202
2020-21 ⁽⁵⁾	1,650,523	1,162,537	390,076	471,524	39,040	3,713,700
2021-22 ⁽⁵⁾	1,798,637	1,570,593	533,741	511,573	41,442	4,455,986



Notes:

(1) Amounts reported exclude Safety of Dams (SOD) assessments.

(2) In July 2014, COMB entered into two notes payable agreements with American Riviera Bank to finance the Emergency Pumping Facilities Project on behalf of Goleta Water District, Carpinteria Water District, and Montecito Water District. The City of Santa Barbara elected to fund its proportionate share (\$1.8M) of the project cost through their quarterly operating assessments.

(3) On May 27, 2016, Santa Ynez River Water Conservation District, Improvement District No. 1 (ID No. 1) notified the COMB Board of its stated intent to unilaterally withdraw from the JPA Agreement. A Separation Agreement was entered into by ID No. 1, COMB and the South Coast Member Units and approved by all parties effective August 28, 2018. Pursuant to the Separation Agreement, starting in Fiscal Year 2017-18 and going forward, certain actual expenditures related to the 2000 BiOp and Oak Tree Mitigation activities incurred by COMB will be collected from ID No. 1 through an invoice issued quarterly to it by COMB.

(4) Assessments for SYRWCD are recorded at gross amount billed for FY 2015-16, 2016-17 and 2017-18. See Note #2 above.

(5) Amount reported is net of Unexpended Funds Credit resulting from current year unexpended funds and carryover funds for project expenditures delayed or placed on hold.

Source: COMB's Annual Approved Operating Budget

Schedule 4

Operating Expenses
Previous Ten Fiscal Years

	2012-13	2013-14	2014-15	2015-16	2016-17
Operating Expenses					
Operation and maintenance division					
Operation and maintenance	\$ 919,100	\$ 831,722	\$ 809,837	\$ 761,405	\$ 883,276
General and administrative ⁽¹⁾	950,851	971,094	1,076,051	725,474	826,355
South Coast Conduit MURRP ⁽²⁾	925,951	-	-	-	-
Drought Contingency Planning ⁽³⁾	-	307,649	-	-	-
Emergency pumping facility project ⁽⁴⁾	-	1,138,483	4,149,098	2,158,739	1,800,628
Special projects	88,191	68,522	425,804	172,632	185,430
Sub Total	2,884,093	3,317,470	6,460,790	3,818,250	3,695,689
Fisheries Division					
Operations and maintenance	475,717	524,767	539,134	541,421	635,954
General and administrative	331,226	343,852	346,347	302,705	309,613
Fishery related projects	178,660	123,248	224,563	199,330	165,167
Quiota Creek crossing habitat enhancement	771,070	799,225	122,541	950,105	1,704,571
Other habitat enhancement	77,984	89,898	5,258	-	23,609
Sub Total	1,834,657	1,880,990	1,237,843	1,993,561	2,838,914
Depreciation	87,680	77,213	58,123	72,380	65,118
Total Operating Expenses	\$ 4,806,430	\$ 5,275,673	\$ 7,756,756	\$ 5,884,191	\$ 6,599,721
Add: Other Non Operating Revenues (Expense)					
Interest income	\$ 424	\$ 399	\$ 1,551	\$ 2,307	\$ 7,072
Interest expense	(109,419)	(104,464)	(99,228)	(175,836)	(138,192)
Gain (loss) on sale of capital asset	-	-	-	-	10,480
Unrealized loss on pooled investments	-	-	-	-	-
Total Other Non Operating Revenues (Expenses)	(108,995)	(104,065)	(97,677)	(173,529)	(120,640)

Notes:

- (1) Effective January 1, 2022, COMB Medicare retirees were automatically transferred to a new Medicare Advantage health plan which carried a substantially lower premium. Retirees that have not reached Medicare age will remain in their current plan until such time they reach age 65 and they will be automatically transferred to the new plan, as well. COMB recognized approximately \$1.9M reduction in the measured liability at June 30, 2022 as a result of this plan change. The adjustment was recognized as a Change in Benefit Terms which provides that the entire decrease in measured liability flows through OPEB expense in the current year as opposed to other unexpected changes which are deferred over a given period.
- (2) South Coast Conduit MURRP - represents capital improvement costs associated with pipeline improvements, the replacement of rehabilitation of certain infrastructure facilities for the portion of the South Coast Conduit between the South Portal of the Tecolote Tunnel and the Corona Del Mar Treatment Plant.
- (3) Drought Contingency Planning includes costs to develop an alternate method of delivering water into the North Portal Intake Tower due to decreasing lake levels associated with a drought condition.
- (4) Emergency Pumping Facility Project (EPFP) includes costs associated with design, build, operation and maintenance of a temporary pumping barge and pipeline to convey water from the Lake during ongoing drought conditions and low lake levels. In February 2017, the EPFP was demobilized following a significant rain event which raised the lake level to over 50% capacity. Key components of the EPFP have been purchased and stored should it become necessary to remobilize in the future.

Source: COMB's Annual Audited Financial Statements

Schedule 4 (Cont'd)

Operating Expenses

Previous Ten Fiscal Years

	2017-18	2018-19	2019-20	2020-21	2021-22
Operating Expenses					
Operation and maintenance division					
Operation and maintenance	\$ 844,066	\$ 1,046,011	\$ 1,416,525	\$ 1,107,370	\$ 1,217,454
General and administrative ⁽¹⁾	845,091	859,378	852,836	935,703	(1,010,065)
South Coast Conduit MURRP ⁽²⁾	-	-	-	-	-
Drought Contingency Planning ⁽³⁾	-	-	-	-	-
Emergency pumping facility project ⁽⁴⁾	160,123	109,939	162,204	111,393	72,649
Special projects	441,017	1,007,851	1,583,949	468,394	961,403
Sub Total	2,290,297	3,023,179	4,015,514	2,622,860	1,241,441
Fisheries Division					
Operations and maintenance	660,930	720,535	707,309	724,968	778,078
General and administrative	347,902	281,969	429,373	259,517	287,112
Fishery related projects	173,489	148,608	129,122	145,706	128,552
Quiota Creek crossing habitat enhancement	299,950	2,090,987	1,199,457	36,640	-
Other habitat enhancement	23,120	18,262	1,699	138	1,287
Sub Total	1,505,391	3,260,361	2,466,960	1,166,969	1,195,029
Depreciation	55,097	56,576	66,068	49,902	49,741
Total Operating Expenses	\$ 3,850,785	\$ 6,340,116	\$ 6,548,542	\$ 3,839,731	\$ 2,486,211
Add: Other Non Operating Revenues (Expense)					
Interest income	\$ 7,072	\$ 31,476	\$ 23,405	\$ 8,425	\$ 5,635
Interest expense	(138,192)	(115,404)	(92,038)	(67,499)	(48,723)
Gain (loss) on sale of capital asset	10,480	-	(366)	(301)	16,600
Unrealized loss on pooled investments	-	-	-	-	(20,503)
	(120,640)	(83,928)	(68,999)	(59,375)	(46,991)

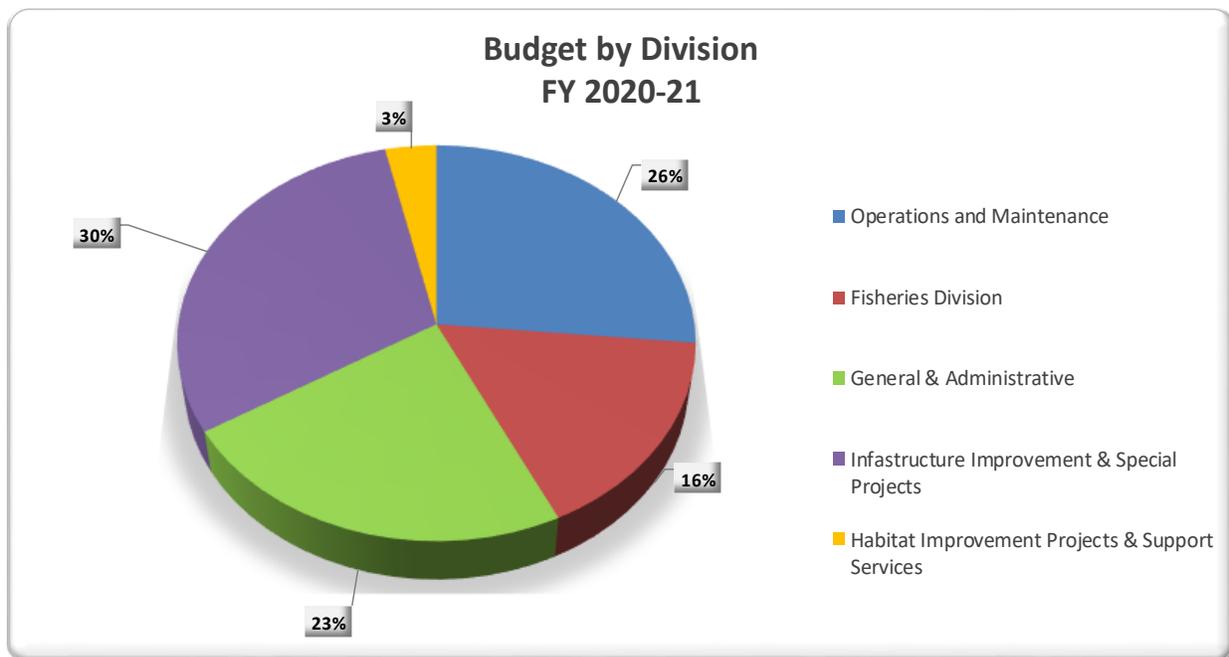
Notes:

- (1) Effective January 1, 2022, COMB Medicare retirees were automatically transferred to a new Medicare Advantage health plan which carried a substantially lower premium. Retirees that have not reached Medicare age will remain in their current plan until such time they reach age 65 and they will be automatically transferred to the new plan, as well. COMB recognized approximately \$1.9M reduction in the measured liability at June 30, 2022 as a result of this plan change. The adjustment was recognized as a Change in Benefit Terms which provides that the entire decrease in measured liability flows through OPEB expense in the current year as opposed to other unexpected changes which are deferred over a given period.
- (2) South Coast Conduit MURRP - represents capital improvement costs associated with pipeline improvements, the replacement of rehabilitation of certain infrastructure facilities for the portion of the South Coast Conduit between the South Portal of the Tecolote Tunnel and the Corona Del Mar Treatment Plant.
- (3) Drought Contingency Planning includes costs to develop an alternate method of delivering water into the North Portal Intake Tower due to decreasing lake levels associated with a drought condition.
- (4) Emergency Pumping Facility Project (EPFP) includes costs associated with design, build, operation and maintenance of a temporary pumping barge and pipeline to convey water from the Lake during ongoing drought conditions and low lake levels. In February 2017, the EPFP was demobilized following a significant rain event which raised the lake level to over 50% capacity. Key components of the EPFP have been purchased and stored should it become necessary to remobilize in the future.

Source: COMB's Annual Audited Financial Statements

Schedule 5
Budget History by Division
Previous Ten Fiscal Years

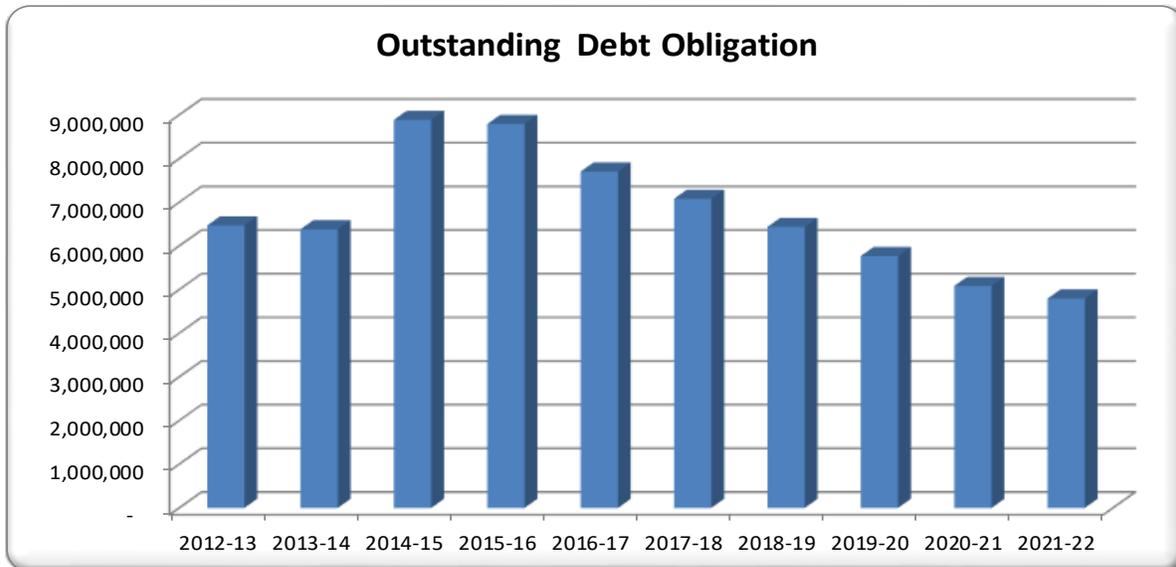
Fiscal Year	Operations and Maintenance	Fisheries Division	General and Administrative	Infrastructure Improvement & Special Projects	Habitat Improvement Projects & Support	Total
2012-13	1,033,944	501,193	1,103,289	3,349,500	1,167,000	7,154,926
2013-14	1,032,947	635,559	1,205,754	481,270	1,088,000	4,443,530
2014-15	1,059,736	634,641	1,315,450	5,454,000	447,000	8,910,827
2015-16	1,100,197	632,994	1,234,251	3,689,250	2,132,000	8,788,693
2016-17	1,097,375	691,118	1,082,056	2,561,250	2,283,000	7,714,799
2017-18	1,062,108	753,374	1,139,848	1,020,000	1,343,000	5,318,330
2018-19	1,101,747	763,409	1,191,679	2,116,400	2,349,996	7,523,231
2019-20	1,227,664	800,515	1,303,471	2,045,327	1,390,000	6,766,977
2020-21	1,339,141	810,413	1,199,967	1,630,000	185,000	5,164,521
2021-22	1,402,187	867,558	1,237,439	1,600,050	185,000	5,292,234



Source: COMB's Annual Approved Operating Budget

Schedule 6
Outstanding Debt
Previous Ten Fiscal Years

Fiscal Year	Bradbury SOD Act ⁽¹⁾	Lauro SOD Act ⁽²⁾	Note Payable EPFP ⁽³⁾	Total
2012-13	5,487,042	981,823	-	6,468,865
2013-14	5,412,719	968,607	-	6,381,326
2014-15	5,334,043	954,789	2,601,317	8,890,149
2015-16	5,250,760	940,342	2,601,317	8,792,419
2016-17	5,065,822	894,904	1,742,137	7,702,863
2017-18	4,875,721	865,428	1,339,678	7,080,827
2018-19	4,680,144	835,169	921,683	6,436,997
2019-20	4,478,793	804,089	487,584	5,770,466
2020-21	4,271,319	772,150	36,623	5,080,092
2021-22	4,057,362	739,313	-	4,796,675



Notes:

(1) **Bradbury SOD Act**- A repayment contract with U.S. Bureau of Reclamation (USBR) whereas COMB will reimburse USBR for fifteen (15%) of the total Safety of Funds Act funds expended to preserve the structural integrity of Bradbury Dam and related Cachuma Project facilities.

(2) **Lauro SOD Act** - A repayment contract with U.S. Bureau of Reclamation (USBR) whereas COMB will reimburse USBR for fifteen (15%) of the total Safety of Funds Act funds expended to preserve the structural integrity of Lauro Dam and reservoir.

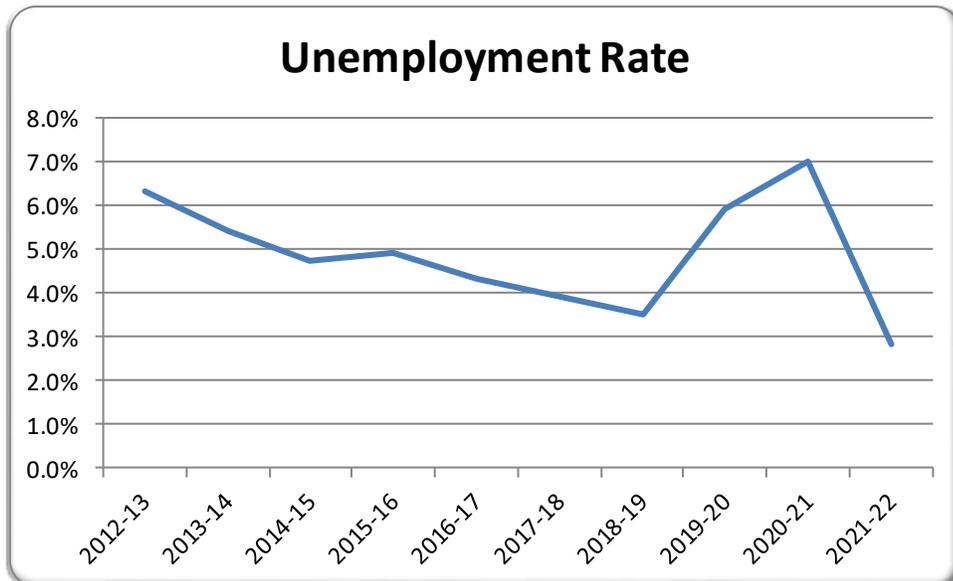
(3) **Notes Payable EPFP** - A notes payable agreement with American Riviera bank to finance the Emergency Pumping Facilities Project on behalf of Goleta Water District, Carpinteria Water District, and Montecito Water District. The obligation was paid in-full during FY 2021-22.

Source: COMB's Annual Audited Financial Statements

Schedule 7

**Economic and Demographics Statistics
County of Santa Barbara**

<u>Fiscal Year</u>	<u>Population</u>	<u>Personal Income (in thousands)</u>	<u>Personal Income (per Capita)</u>	<u>Average Unemployment Rate</u>
2012-13	429,200	19,300,000	44,967	6.3%
2013-14	433,398	20,600,000	47,531	5.4%
2014-15	437,643	21,700,000	49,584	4.7%
2015-16	446,717	22,300,000	49,920	4.9%
2016-17	450,663	24,200,000	53,699	4.3%
2017-18	453,457	25,000,000	55,132	3.9%
2018-19	454,593	26,600,000	58,514	3.5%
2019-20	451,840	28,000,000	61,969	11.6%
2020-21	441,172	29,500,000	66,867	5.9%
2021-22	445,164	30,190,000	67,818	2.8%



Source: County of Santa Barbara

Schedule 8

Economic and Demographics Statistics

County of Santa Barbara

Top Ten Largest Employers - FYE 2022 and FY 2012As of June 30, 2022

Company or Organization	Jobs	Percent of Total County
County of Santa Barbara	4,307	1.93%
University of California, Santa Barbara	4,250	1.91%
Vandenberg Air Force Base	2,500	1.12%
Santa Maria-Bonita School District	2,010	0.90%
Chumash Casino Resort	2,000	0.90%
Mission Linen Supply	2,000	0.90%
Marian Regional Medical Center	1,486	0.67%
Allan Hancock College	1,400	0.63%
Appfolio	1,350	0.61%
Santa Barbara Unified School District	1,350	0.61%
Total ten largest	22,653	10.17%
Total all other	200,157	89.83%
Total companies or organizations	222,810	100.00%

As of June 30, 2012

Company or Organization	Jobs	Percent of Total County
University of California, Santa Barbara	10,063	4.7%
Vandenberg Air Force Base	6,878	3.2%
County of Santa Barbara	4,383	2.0%
Cottage Health System	2,845	1.3%
Santa Barbara Unified School District	2,531	1.2%
Santa Barbara City College	1,791	0.8%
City of Santa Barbara	1,695	0.8%
Chumash Casino Resort	1,650	0.8%
Marian Regional Medical Center	1,457	0.7%
Santa Maria-Bonita School District	1,366	0.6%
Total ten largest	34,659	16.3%
Total all other	179,941	83.7%
Total companies or organizations	214,600	100.0%

Source: County of Santa Barbara

Schedule 9

Miscellaneous Statistical Information

Cachuma Operation and Maintenance Board (COMB)

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
Tecolote Tunnel (miles)	6
South Coast Conduit (SCC) 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 ⁽¹⁾

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

Cachuma Project Water Entitlement ⁽¹⁾

<u>Cachuma Project Member Unit</u>	<u>Entitlement (%)</u>	<u>Entitlement (AFY)</u>
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
SYRWater Conservation District, ID No. 1	10.31%	2,651
Total Cachuma Project Allocation	<u>100.00%</u>	<u>25,714</u>

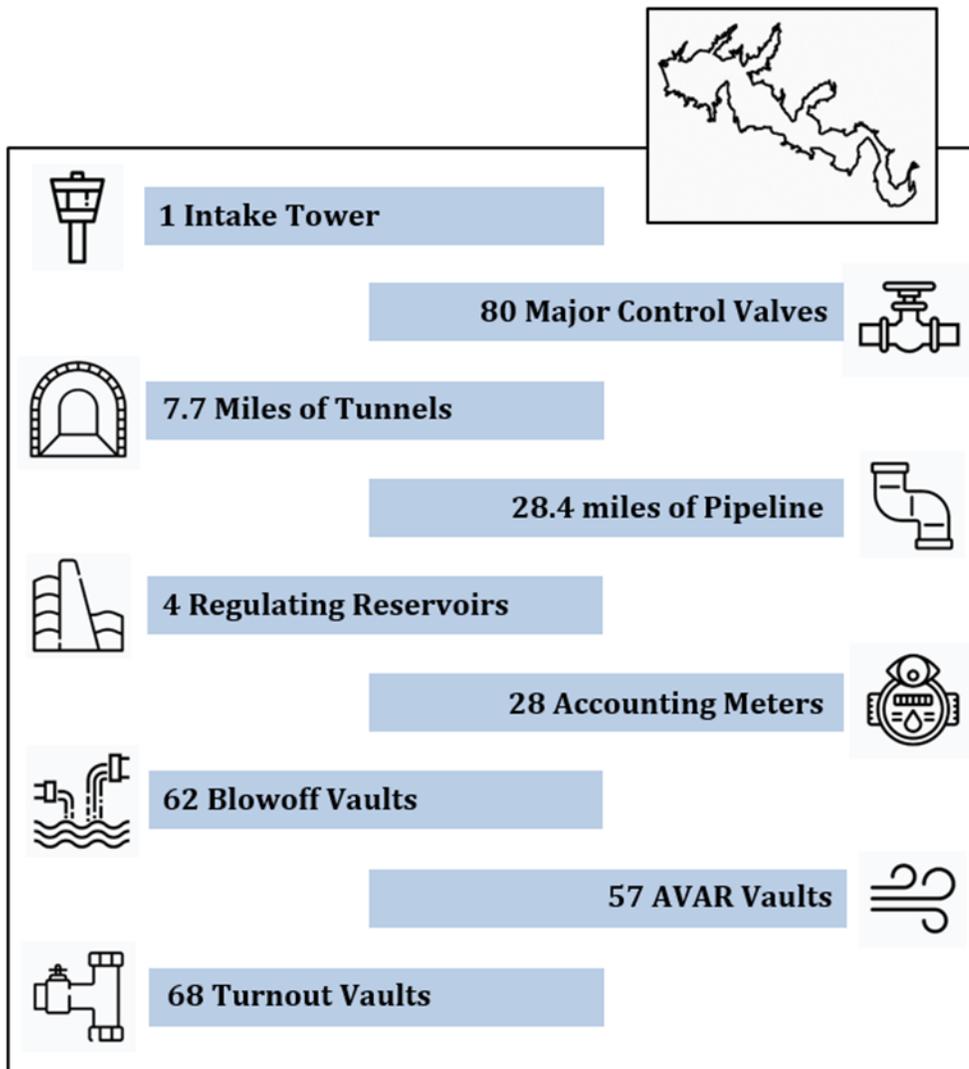
AFY - Acre feet per year

(1) On May 27, 2016, Santa Ynez River Water Conservation District, Improvement District No. 1 (ID No. 1) notified the COMB Board of its stated intent to unilaterally withdraw from the JPA Agreement. A Separation Agreement was entered into by ID No. 1, COMB and the COMB Member Agencies and approved by all parties effective August 28, 2018. ID No. 1 continues to be a member of the Cachuma Project which carries certain benefits and obligations associated with the Project as outlined in various agreements.

Schedule 10

COMB Managed Assets

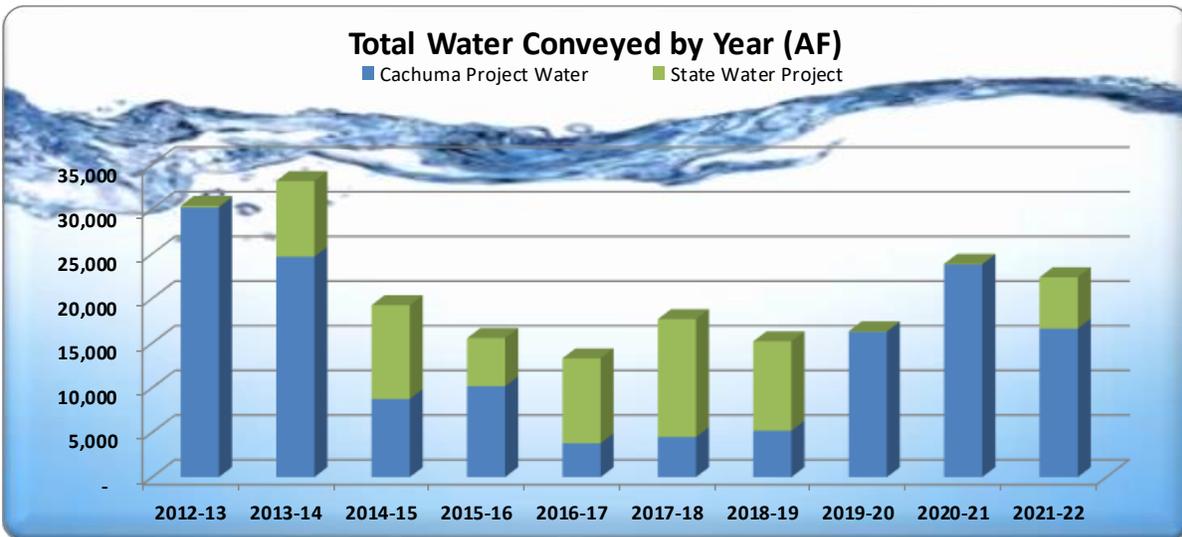
COMB, through a Transferred Project Works contract, is responsible for operating and maintaining Reclamation facilities. COMB operates and maintains the Cachuma Project critical infrastructure assets that include the North Portal, Tecolote Tunnel, South Coast Conduit, Sheffield Tunnel, and Glen Anne,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



Schedule 11

**Total Water Conveyed by Source Via South Coast Conduit (Acre Feet)
Previous Ten Fiscal Years**

Fiscal Year	Cachuma Project Deliveries ⁽¹⁾	State Water Project Deliveries ^{(1),(2)}	Total
2012-13	30,180	193	30,373
2013-14	24,674	8,483	33,157
2014-15	8,750	10,506	19,256
2015-16	10,174	5,391	15,565
2016-17	3,787	9,519	13,306
2017-18	4,484	13,204	17,688
2018-19	5,192	10,008	15,201
2019-20	16,282	52	16,334
2020-21	23,814	66	23,880
2021-22	16,621	5,751	22,371



Notes:

(1) Reported in Acre Feet. One Acre Feet = 325,851 Gallons of Water

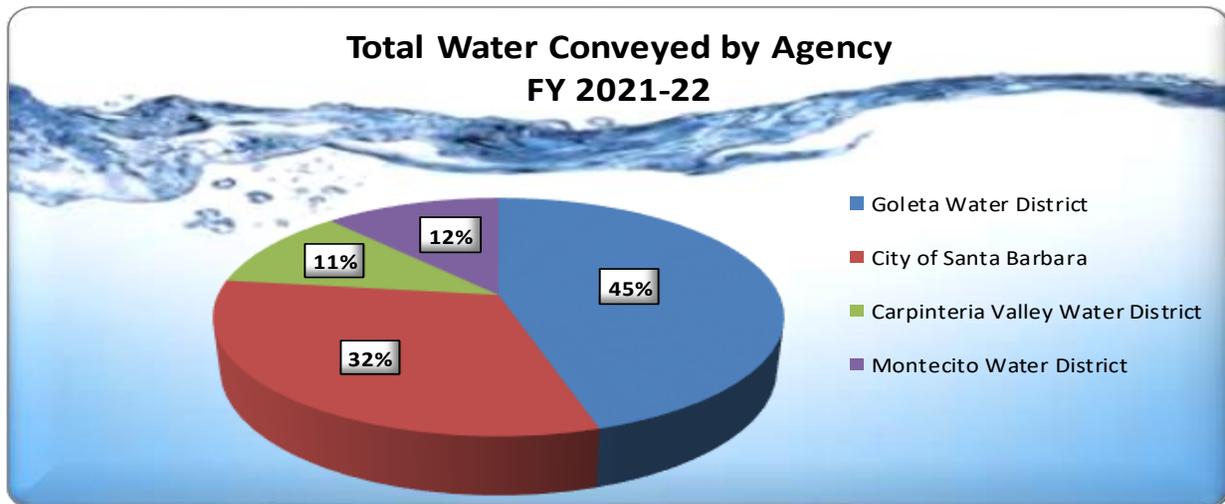
(2) State Water Project deliveries includes both Table A Water and Supplemental Water Purchases.

(3) Starting with Water Year 2014-15 (Oct-Sep), the annual Cachuma Project water allocation was reduced to 45% due to ongoing drought conditions and low lake level. Subsequent annual allocations were as follows: WY 2015-16 (0%), WY 2016-17 (40%), WY 2017-18 (40%), WY 2018-19 thru WY 2020-21 (100%) and WY 2021-22 (70%).

Schedule 12

Total Water Conveyed by Agency Via South Coast Conduit (Acre Feet) ^{(1),(2),(3)}
Previous Ten Fiscal Years

Fiscal Year	Goleta Water District	City of Santa Barbara	Carpinteria Valley Water District	Montecito Water District	Total
2012-13	11,789	10,409	3,647	4,528	30,373
2013-14	11,593	12,655	4,335	4,574	33,157
2014-15	7,296	7,684	1,855	2,421	19,256
2015-16	5,037	6,513	1,209	2,807	15,565
2016-17	4,949	3,940	1,916	2,501	13,306
2017-18	7,782	4,108	2,533	3,264	17,688
2018-19	7,330	3,051	2,212	2,608	15,201
2019-20	9,152	2,031	2,919	2,233	16,334
2020-21	11,117	5,281	4,259	3,223	23,880
2021-22	10,117	7,119	2,470	2,665	22,371



Notes:

- (1) Reported in Acre Feet. One Acre Feet = 325,851 Gallons of Water
- (2) Includes Cachuma Project and State Water Project [Table A Water] and Supplemental Water Purchases
- (3) Santa Ynez River Water Conservation District, ID No. 1 receives its Project allocation through a State Water Project exchange agreement.
- (4) Starting with Water Year 2014-15 (Oct-Sep), the annual Cachuma Project water allocation was reduced to 45% due to ongoing drought conditions and low lake level. Subsequent annual allocations were as follows: WY 2015-16 (0%), WY 2016-17 (40%), WY2017-18 (40%), WY 2018-19 thru WY 2020-21 (100%) and WY 2021-22 (70%).

Source: Cachuma Monthly Water Reports

Schedule 13

COMB Member Agency: Goleta Water District
Operating and Financial Statistics



Historic Water Connections and Sales Revenue

Fiscal Year	Connections	Water Sales	Water Deliveries (Acre Feet)
2011-12	16,295	18,668,008	12,275
2012-13	16,518	22,171,254	13,923
2013-14	16,542	24,005,806	14,884
2014-15	16,441	19,988,107	11,883
2015-16	16,474	29,771,141	10,773
2016-17	16,561	28,532,348	9,659
2017-18	16,578	33,222,142	10,799
2018-19	16,725	29,319,499	9,631
2019-20	16,570	22,205,407	10,432
2020-21	16,757	28,117,046	11,549

Top Ten Largest Customers
Fiscal Year 2020-21

Customer	Water Usage (Acre Feet)	Annual Payments
Public institution	725	\$ 2,275,152
Private grower	586	515,870
Private business	295	408,856
Private business	228	478,397
Public grower	199	164,015
Public institution	174	726,517
Private grower	168	247,088
Public institution	162	942,731
Private grower	141	158,068
Private grower	128	139,369
Total	2,806	\$ 6,056,063

Source: Goleta Water District's Annual Disclosure Report

Operating Income by Year

Fiscal Year	Operating Revenue	Operating Expenses	Depreciation and Amortization	Operating Income	COMB Operating Assessment	
					Amount Assessed	% of Operating Revenue
2011-12	27,136,533	21,051,673	4,230,480	1,854,380	1,222,340	4.5%
2012-13	31,475,922	22,431,761	4,291,712	4,752,449	1,559,795	5.0%
2013-14	33,868,570	26,209,042	4,387,462	3,272,066	1,701,748	5.0%
2014-15	29,884,003	25,897,182	4,154,508	(167,687)	1,415,063	4.7%
2015-16	38,876,872	29,820,487	4,384,529	4,671,856	2,363,419	6.1%
2016-17	37,807,585	33,407,576	4,834,866	(434,857)	1,672,907	4.4%
2017-18	43,161,166	27,750,020	5,335,807	10,075,339	1,181,845	2.7%
2018-19	39,853,124	38,045,673	5,354,910	(3,547,459)	1,850,921	4.6%
2019-20	33,050,742	36,082,209	5,517,320	(8,548,787)	1,919,558	5.8%
2020-21	41,523,586	34,131,260	5,606,851	1,785,475	1,650,523	4.0%

Source: Goleta Water District's Comprehensive Audited Financial Report

Schedule 14

**COMB Member Agency: City of Santa Barbara (Water Agency)
Operating and Financial Statistics**



Historic Water Connections and Sales Revenues

Fiscal Year	Connections	Water Sales	Water Deliveries (Acre Feet)
2011-12	26,649	29,992,081	13,949
2012-13	26,797	32,683,467	14,366
2013-14	26,919	33,296,287	14,218
2014-15	26,921	31,512,114	10,775
2015-16	26,988	41,433,002	9,935
2016-17	27,111	46,187,721	9,009
2017-18	27,191	52,356,068	9,918
2018-19	27,280	48,959,080	9,201
2019-20	27,405	52,851,343	9,449
2020-21	27,421	58,438,052	10,468

**Top Ten Largest Customers
Fiscal Year 2020-21**

Customer	Water Usage (Acre Feet)	Annual Payments
Santa Barbara Cottage Hospital	110	\$ 519,696
Santa Barbara Unified School	71	463,991
Santa Barbara Housing Authority	75	416,855
Dario Pini	52	299,618
City of Santa Barbara - Parks	65	276,585
Santa Barbara Community College	17	194,251
Santa Barbara Highlands HOA	41	192,946
La Colina Gardens	31	180,494
Hilton S.B. Beachfront Resort	44	159,906
El Encanto Inc	32	154,995
Total	539	\$ 2,859,337

Source: City of Santa Barbara's Annual Disclosure Report

Operating Income by Year

Fiscal Year	Operating Revenue	Operating Expenses	Depreciation and Amortization	Operating Income	COMB Operating Assessment	
					Amount Assessed	% of Operating Revenue
2011-12	36,264,961	21,912,137	6,559,738	7,793,086	1,068,857	2.9%
2012-13	38,171,567	23,577,521	6,877,890	7,716,156	1,384,702	3.6%
2013-14	36,485,258	27,674,540	6,147,740	2,662,978	1,511,073	4.1%
2014-15	34,904,018	31,823,469	6,212,153	(3,131,604)	3,025,216	8.7%
2015-16	45,268,312	27,096,809	6,922,670	11,248,833	1,801,784	4.0%
2016-17	52,079,204	28,869,221	6,834,563	16,375,420	1,192,299	2.3%
2017-18	57,233,749	34,798,396	8,137,922	14,297,431	729,668	1.3%
2018-19	55,383,611	40,004,358	9,309,100	6,070,153	1,323,609	2.4%
2019-20	79,432,239	38,065,658	9,437,475	31,929,106	1,384,576	1.7%
2020-21	65,632,719	37,982,970	9,675,448	17,974,301	1,162,537	1.8%

Source: City of Santa Barbara's Comprehensive Annual Financial Report - Water Agency Only

Schedule 15

**COMB Member Agency: Carpinteria Valley Water District
Operating and Financial Statistics**

Historic Water Connections and Sales Revenues



Fiscal Year	Connections	Water Sales	Water Deliveries (Acre Feet)
2011-12	4,339	10,575,216	3,871
2012-13	4,441	10,798,634	4,352
2013-14	4,444	11,229,175	4,551
2014-15	4,485	11,031,043	3,728
2015-16	4,501	12,023,205	3,604
2016-17	4,503	12,457,730	3,395
2017-18	4,506	12,776,055	3,870
2018-19	4,506	12,744,079	3,413
2019-20	4,519	13,331,513	3,788
2020-21	4,541	14,299,873	4,368

**Top Ten Largest Customers
Fiscal Year 2020-21**

Customer	Water Usage (Acre Feet)	Annual Payments
Circle G.	79	\$ 91,773
Victor Schaff	78	74,353
Cate School	68	172,444
Carpinteria School District	63	180,402
Terrence Flannery	62	64,303
Reiter Brothers Inc	61	65,543
Myriad Flowers Int	58	58,233
Tom Ota	54	53,265
City of Carpinteria	54	167,358
Villa Del Mar HOA	53	282,410
Total	630	\$ 1,210,083

Source: Carpinteria Valley Water District's Annual Disclosure Report

Operating Income by Year

Fiscal Year	Operating Revenue	Operating Expenses	Depreciation and Amortization	Operating Income	COMB Operating Assessment	
					Amount Assessed	% of Operating Revenue
2010-11	\$ 10,266,100	\$ 7,913,220	\$ 1,837,807	\$ 515,073	\$ 320,087	3.1%
2011-12	11,180,994	7,995,513	1,776,993	1,408,488	379,184	3.4%
2012-13	12,004,241	7,890,100	1,691,401	2,422,740	472,489	3.9%
2013-14	12,135,216	8,721,459	1,814,851	1,598,906	515,719	4.2%
2014-15	11,208,421	8,552,192	2,014,314	641,915	430,371	3.8%
2015-16	12,418,906	9,673,251	2,040,171	705,484	716,135	5.8%
2016-17	12,651,107	8,746,861	2,076,141	1,828,105	903,824	7.1%
2017-18	13,162,286	9,635,300	2,226,888	1,300,098	250,699	1.9%
2018-19	14,043,938	10,679,194	2,422,099	942,645	452,646	3.2%
2019-20	13,985,813	10,641,704	2,481,806	862,303	470,513	3.4%
2020-21	15,433,377	10,479,991	2,519,695	2,433,691	390,076	2.5%

Source: Carpinteria Valley Water District's Audited Financial Report

Schedule 16

**COMB Member Agency: Montecito Water District
Operating and Financial Statistics**



Historic Water Connections and Sales Revenues

Fiscal Year	Connections	Water Sales	Water Deliveries (Acre Feet)
2011-12	4577	9,345,967	5,302
2012-13	4585	10,573,025	5,945
2013-14	4597	11,260,539	5,775
2014-15	4593	6,752,280	3,331
2015-16	4601	7,652,442	3,440
2016-17	4602	7,470,909	3,127
2017-18	4604	8,925,156	3,783
2018-19	4619	8,380,077	3,424
2019-20	4605	9,376,305	3,821
2020-21	4665	19,065,915	3,821

**Top Ten Largest Customers
Fiscal Year 2020-21**

Customer	Water Usage (Acre Feet)	Annual Payments
Golf Club	74	\$ 314,597
Resort	49	278,796
Ranch	42	212,138
Resort	44	203,239
Resort	64	186,900
College	49	181,838
Cemetery	38	173,503
Resort	45	144,121
Golf Club	89	79,240
Polo Club	30	32,101
Total	523	\$ 1,806,473

Source: Montecito Water District's Annual Disclosure Report

Operating Income by Year

Fiscal Year	Operating Revenue	Operating Expenses	Depreciation and Amortization	Operating Income	COMB Operating Assessment	
					Amount Assessed	% of Operating Revenue
2011-12	12,739,111	10,981,413	1,800,870	(43,172)	358,264	2.8%
2012-13	13,965,538	10,944,473	2,451,304	569,761	445,550	3.2%
2013-14	16,557,720	13,892,389	1,230,954	1,434,377	486,273	2.9%
2014-15	14,992,036	14,264,988	1,202,407	(475,359)	403,030	2.7%
2015-16	20,063,580	14,786,806	1,187,824	4,088,950	675,334	3.4%
2016-17	18,583,907	13,251,900	1,227,523	4,104,484	479,177	2.6%
2017-18	18,541,652	14,537,109	1,246,226	2,758,317	339,518	1.8%
2018-19	17,943,599	15,553,982	1,183,710	1,205,907	529,872	3.0%
2019-20	19,482,097	15,633,053	1,198,312	2,650,732	546,386	2.8%
2020-21	24,192,488	15,721,945	1,088,741	7,381,802	471,524	1.9%

Source: Montecito Water District's Annual Audited Financial Report

Schedule 17

**Non-Member Agency: Santa Ynez River Conservation
Water District, Improvement District No. 1
Operating and Financial Statistics**



Historic Water Connections and Sales Revenues

Fiscal Year	Connections	Water Sales	Water Deliveries (Acre Feet)
2011-12	2515	5,371,780	5,260
2012-13	2598	5,531,585	5,371
2013-14	2624	6,889,450	5,358
2014-15	2618	6,157,964	4,341
2015-16	2664	5,868,155	3,712
2016-17	2672	6,367,009	3,511
2017-18	2692	7,798,410	3,817
2018-19	2709	7,972,394	3,323
2019-20	2695	8,365,130	3,514
2020-21	2713	9,288,125	3,861

**Top Ten Largest Customers
Fiscal Year 2020-21**

Customer	Water Usage (Acre Feet)	Annual Payments
Public Agency	42	\$ 142,365
Private Agriculture	95	117,230
Private Agriculture	130	107,937
Private Agriculture	73	100,716
Private Agriculture	111	87,023
Private Agriculture	74	74,169
Private Agriculture	96	73,245
Private Agriculture	58	50,095
Private Agriculture	57	49,079
Private Agriculture	51	44,081
Total	788	\$ 846,011

Source: Santa Ynez River Water Conservation District, ID No. 1 Annual Disclosure Report

Operating Income by Year

Fiscal Year	Operating Revenue	Operating Expenses	Depreciation and Amortization	Operating Income	COMB Operating Assessment	
					Amount Assessed	% of Operating Revenue
2010-11	\$ 7,895,288	\$ 7,146,349	\$ 689,034	\$ 59,905	\$ 64,001	0.8%
2011-12	8,088,117	7,420,174	685,413	(17,470)	124,708	1.5%
2012-13	8,145,932	7,516,875	691,004	(61,947)	92,725	1.1%
2013-14	10,415,420	9,405,397	654,274	355,749	110,802	1.1%
2014-15	9,461,859	9,386,204	691,805	(616,150)	115,951	1.2%
2015-16	9,607,115	8,609,041	696,014	302,060	92,588	1.0%
2016-17	8,942,010	8,191,509	691,373	59,128	151,424	1.7%
2017-18	10,556,856	8,434,789	702,161	1,419,906	85,484	0.8%
2018-19	11,045,677	8,617,702	725,535	1,702,440	40,017	0.4%
2019-20	11,617,737	9,321,177	737,953	1,558,607	55,170	0.5%
2020-21	12,198,411	9,298,392	748,589	2,151,430	39,040	0.3%

Source: Santa Ynez River Water Conservation District, ID No. 1 Audited Financial Report

1) On May 27, 2016, Santa Ynez River Water Conservation District, Improvement District No. 1 (ID No. 1) notified the COMB Board of its stated intent to unilaterally withdraw from the JPA Agreement. A Separation Agreement was entered into by ID No. 1, COMB and the COMB Member Agencies and approved by all parties effective August 28, 2018. ID No. 1 continues to be a member of the Cachuma Project which carries certain benefits and obligations associated with the Project as outlined in various agreements.

Schedule 18

Schedule of Insurance ⁽¹⁾

Valued at June 30, 2022

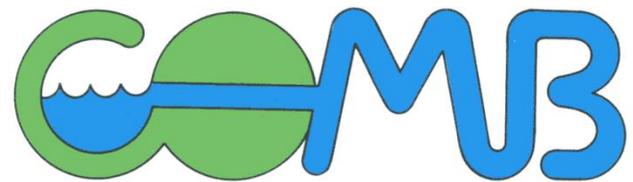
Company	Policy Period	Insurance Type	Pooled Coverage Limits	Coverages
ACWA Joint Powers Authority	10/01/21 - 10/01/22	General, E&O and Auto Liability	\$ 5,000,000	Liability JPIA pooled layer
Safety National Casualty Corporations	10/01/21 - 10/01/22	General, E&O and Auto Liability	\$ 5,000,000	Liability Umbrella Policy
California Water Insurance Fund	10/01/21 - 10/01/22	General, E&O and Auto Liability	\$ 10,000,000	Liability Umbrella Policy
Everest Reinsurance Company / Continental Indemnity	10/01/21 - 10/01/22	General, E&O and Auto Liability	\$ 9,500,000	Liability Umbrella Policy
Great American Insurance Company	10/01/21 - 10/01/22	General, E&O and Auto Liability	\$ 5,500,000	Liability Umbrella Policy
Allied World National Insurance Company	10/01/21 - 10/01/22	General, E&O and Auto Liability	\$ 10,000,000	Liability Umbrella Policy
Hallmark Specialty Insurance Company	10/01/21 - 10/01/22	General, E&O and Auto Liability	\$ 5,000,000	Liability Umbrella Policy
General Security Indemnity Co of Arizona	10/01/21 - 10/01/22	General, E&O and Auto Liability	\$ 5,000,000	Liability Umbrella Policy
ACWA Joint Powers Authority	07/01/21 - 07/01/22	Property Insurance ⁽²⁾	\$ 100,000	Liability JPIA pooled layer
Alliant Property Insurance Program	07/01/21 - 07/01/22	Property Insurance ⁽²⁾	\$ 500,000,000	Liability Umbrella Policy
ACWA Joint Powers Authority	07/01/21 - 07/01/22	Excess Crime Coverage	\$ 100,000	Liability JPIA pooled layer
National Union Fire Insurance	07/01/21 - 07/01/22	Excess Crime Coverage	\$ 1,000,000	Liability Umbrella Policy
ACWA Joint Powers Authority	07/01/21 - 07/01/22	Workers' Compensation	\$ 2,000,000	Liability JPIA pooled layer
Safety National	07/01/21 - 07/01/22	Workers' Compensation	\$2,000,000 to statutory	Liability Umbrella Policy
Lloyd's of London	07/01/21 - 07/01/22	Cyber Liability	\$5,000,000 occ/ \$5,000,000 agg	Liability Umbrella Policy

Note:

(1) COMB participates in the property and liability program organized by the Association of California Water Agencies / Joint Powers Insurance Authority (ACWA/JPIA). ACWA/JPIA provides liability, property and workers' compensation insurance for approximately 350 water agencies for losses in excess of the member agencies specified self-insurance retention levels. Individual claims (and aggregate public liability and property claims) in excess of specified levels are covered by excess insurance policies purchased from commercial carriers.

(2) Total Insurable Value - \$1,846,390

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LIST OF ACRONYMS AND ABBREVIATIONS

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LIST OF ACRONYMS AND ABBREVIATIONS

AAL	Actuarial Accrued Liability
ACFR	Annual Comprehensive Annual Financial Report
ACWA	Association of California Water Agencies
AF	Acre Foot
AFY	Acre Feet per Year
ARC	Annual Required Contribution
BPW	Bartlett Pringle Wolf, LLP
BiOp	Biological Opinion
Cal OES	California Governor's Office of Emergency Services
CalPERS	California Public Employees' Retirement System
CCRB	Cachuma Conservation and Release Board
CCWA	Central Coast Water Authority
CDFW	California Department of Fish and Wildlife
City of SB	City of Santa Barbara
COMB	Cachuma Operation & Maintenance Board
COLA	Cost of Living Adjustment
CPA	Cachuma Project Authority
CVWD	Carpinteria Valley Water District
EPFP	Emergency Pumping Facilities Project
ESRI	Environmental Systems Research Institute
FEMA	Federal Emergency Management Agency
FMP	Fish Management Plan
FY	Fiscal Year
FYE	Fiscal Year End
GAAP	Generally Accepted Accounting Principles
GASB	Governmental Accounting Standards Board
GFOA	Government Finance Officers Association
GIS	Geographic Information System
GWD	Goleta Water District
HIP	Habitat Improvement Plan

LIST OF ACRONYMS AND ABBREVIATIONS – CONT'D.

ID No. 1	Santa Ynez River Conservation Water District, ID No. 1
IIP	Infrastructure Improvement Plan
IRR	Irrigation
IRWM	Integrated Regional Water Management
IRWMP	Integrated Regional Water Management Program
JPA	Joint Power Agreement
JPIA	Joint Power Insurance Authority
LAIF	Local Agency Investment Fund
M&I	Municipal and Industrial
MDA	Management's Discussion and Analysis
MWD	Montecito Water District
MOU	Memorandum of Understanding
NFWF	National Fish and Wildlife Foundation
NMFS	National Marine Fisheries Services
NP	North Portal
OPEB	Other Post-Employment Benefits
PERF	Public Employees Retirement Fund
PEPRA	Public Employees' Pension Reform Act
ROW	Right of Way
SCADA	Supervisory Control and Data Acquisition
SCC	South Coast Conduit
SFR	Single Family Residential
SOD	Safety of Dams
SWP	State Water Project
SWRCB	State Water Resources Control Board
SYR	Santa Ynez River
TOT	Transient Occupancy Tax
UAAL	Unfunded Actuarial Accrued Liability
USGS	United States Geological Survey

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Cachuma Operation & Maintenance Board

3301 Laurel Canyon Road

Santa Barbara, CA 93105

www.cachuma-board.org



December 9, 2022

Board of Directors
Cachuma Operation and Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

Dear Board Members:

We are pleased to present this letter related to our audit of the financial statements of Cachuma Operation and Maintenance Board (COMB) for the year ended June 30, 2022. This letter summarizes certain matters required by professional standards to be communicated to you in your oversight responsibility for Cachuma Operation and Maintenance Board's financial reporting process.

The following summarizes various matters that must be communicated to you under auditing standards generally accepted in the United States of America.

The Respective Responsibilities of the Auditor and Management

Our responsibilities under auditing standards generally accepted in the United States of America and *Government Auditing Standards*, issued by the Comptroller General of the United States have been described to you in our engagement letter dated March 31, 2021 which includes the planned scope and timing of our audit and we have discussed with you our identification of and planned audit response to significant risks of material misstatement. Our audit of the financial statements does not relieve management or those charged with governance of their responsibilities, which are also described in that letter.

Significant Accounting Practices, Including Policies, Estimates and Disclosures

Preferability of Accounting Policies and Practices

Under generally accepted accounting principles, in certain circumstances, management may select among alternative accounting practices. In our view, in such circumstances, management has selected the preferable accounting practice.

Alternative Treatments within Generally Accepted Accounting Principles Discussed with Management

We did not discuss with management any alternative treatments within generally accepted accounting principles for accounting policies and practices related to material items during the current audit period.

Adoption of, or Change in, Accounting Policies

Management has the ultimate responsibility for the appropriateness of the accounting policies used by COMB. During the year ended June 30, 2022, COMB adopted the following new accounting policies:

Statement No. 87	“Leases”
Statement No. 89	“Accounting for Interest Cost Incurred Before the End of a Construction Period”
Statement No. 92	“Omnibus 2020”
Statement No. 93	“Replacement of Interbank Offered Rates”
Statement No. 97	“Certain Component Unit Criteria, and Accounting and Financial Reporting for Internal Revenue Code 457 Deferred Compensation Plans – an amendment of GASB Statements No. 14 and No. 84, and a supersession of GASB Statement No. 32”

The adoption of these statements did not have a material impact on the financial statements.

Significant or Unusual Transactions

We did not identify any significant or unusual transactions or significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

Management’s Judgments and Accounting Estimates

Accounting estimates are an integral part of the preparation of financial statements and are based upon management’s current judgment. The process used by management encompasses their knowledge and experience about past and current events and certain assumptions about future events. You may wish to monitor throughout the year the process used to compute and record these accounting estimates. The following describes the significant accounting estimates reflected in the COMB’s June 30, 2022 financial statements:

- Estimation of the liability to the Bureau of Reclamation for the construction on Bradbury Dam under the Safety of Dams Act - The liability at June 30, 2022 is estimated by adding fifteen percent of the construction cost in excess of the original repayment contract amount to the liability under the original repayment contract, less principal payments to the Bureau of Reclamation. The final liability amount will be based on the final repayment contract amount negotiated with the Bureau of Reclamation.

- Estimation of Other Post Employment Benefit Obligations - The net OPEB liability is calculated by an actuary in accordance with the parameters of GASB 75 based on census data provided to the actuary by COMB.
- Depreciation - Depreciation for fixed assets is taken on a straight-line basis over the expected life of each fixed asset. This method meets the generally accepted accounting principles requirement of being systematic and rational.
- Net Pension Liability - In accordance with GASB Statement No. 68, each participating cost-sharing employer is required to report its proportionate share of the collective net pension liability, pension expense, and deferred outflows/inflows of resources. CalPERS actuaries calculated these amounts in accordance with the parameters of GASB 68.

Audit Adjustments

The following adjustments were posted to the original trial balance we received at the start of the audit:

- An accounting consulting adjustment to update GASB 68 related balances per CalPERS reports.
- An accounting consulting adjustment to update GASB 75 related balances based on information provided by the actuary.
- An adjustment to adjust the LAIF investment account to fair value.

Uncorrected Misstatements

There were no uncorrected misstatements noted during our audit.

Disagreements with Management

We encountered no disagreements with management over the application of significant accounting principles, the basis for management's judgments on any significant matters, the scope of the audit, or significant disclosures to be included in the financial statements.

Consultations with Other Accountants

We are not aware of any consultations management had with other accountants about accounting or auditing matters.

Significant Issues Discussed with Management

No significant issues arising from the audit were discussed or were the subject of correspondence with management.

Difficulties Encountered in Performing the Audit

We did not encounter any difficulties in dealing with management during the audit.

Certain Written Representations between Management and Our Firm

In conjunction with the audit of the financial statements, we have been provided a letter of certain representations from management dated December 9, 2022.

Conclusion

This letter is intended solely for the information and use of the Board of Directors and management and is not intended to be and should not be used by anyone other than these specified parties. It will be our pleasure to respond to any questions you have about this report. We appreciate the opportunity to continue to be of service to COMB.

Very truly yours,


BARTLETT, PRINGLE & WOLF, LLP
Certified Public Accountants and Consultants

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: California State Controller Report for Fiscal Year Ending June 30, 2022

RECOMMENDATION:

The Board of Directors receive and file the Fiscal Year (FY) 2021-22 California State Controller Report.

SUMMARY:

Annually, in compliance with the Government Code section 53891, Cachuma Operation and Maintenance Board is required to submit to the California State Controller's office a Special District Financial Transaction Report. The government code requires the financial transactions of each local agency to be submitted within seven months after the close of the fiscal year. The report must contain underlying data from audited financial statements prepared in accordance with generally accepted accounting principles, if the data is available.

The report contains basic general information about the agency, the members of the governing body, and information on agency assets and liabilities. The forms are to be submitted electronically by January 31, 2023.

COMMITTEE STATUS:

The Administrative Committee received a presentation on the FY 2021-22 California State Controller Report and forwards to the Board of Directors with a recommendation to receive and file.

LIST OF EXHIBITS:

1. FY 2021-22 California State Controller Report

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Special District Name: Cachuma Operation and Maintenance Board
Special Districts' Financial Transactions Report
General Information

Fiscal Year: 2022

District Mailing Address

Street 1 Has Address Changed?

Street 2

City State Zip

Email

Members of the Governing Body

	First Name	M. I.	Last Name	Title
Member 1	<input type="text" value="Polly"/>	<input type="text"/>	<input type="text" value="Holcombe"/>	<input type="text" value="President"/>
Member 2	<input type="text" value="Kristen"/>	<input type="text"/>	<input type="text" value="Sneddon"/>	<input type="text" value="Vice President"/>
Member 3	<input type="text" value="Cori"/>	<input type="text"/>	<input type="text" value="Hayman"/>	<input type="text" value="Director"/>
Member 4	<input type="text" value="Lauren"/>	<input type="text"/>	<input type="text" value="Hanson"/>	<input type="text" value="Director"/>
Member	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

District Fiscal Officers

	First Name	M. I.	Last Name	Title	Email
Official 1	<input type="text" value="Janet"/>	<input type="text"/>	<input type="text" value="Gingras"/>	<input type="text" value="General Manager"/>	<input type="text" value="jgingras@cachuma-board.org"/>
Official 2	<input type="text" value="Edward"/>	<input type="text"/>	<input type="text" value="Lyons"/>	<input type="text" value="Administrative Manager/CFO"/>	<input type="text" value="elyons@cachuma-board.org"/>
Officials	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Report Prepared By

First Name M. I. Last Name

Telephone Email

Independent Auditor

Firm Name

First Name M. I. Last Name

Telephone

1. Is this district a component unit of a City, County, or Special District (Choose one)? If "Yes", answer question 2. Yes No

2. Is this district a blended component unit (BCU) or a discretely presented component unit (DPCU) of a City, County, or Special District (Choose one)? Refer to the Financial Transactions Report (FTR) instructions for definitions of these terms. If the district is a BCU, answer questions 3 - 5.
 BCU DPCU

3. Is financial data of this BCU included in the financial statements or Annual Comprehensive Financial Report (ACFR) of a City, County, or Special District (Choose one)?
 City County Special District

4. In which City, County, or Special District financial statements or ACFR is the financial data of this BCU included?
City name:
County name:
Special District name:

5. Is financial data of this BCU included in the City, County, or Special District FTR (Choose one)? Yes No

Special District Name: Cachuma Operation and Maintenance Board
 Special Districts' Financial Transactions Report
 Water Enterprise Fund
 Statement of Revenues, Expenses, and Changes in Fund Net Position

Fiscal Year: 2022

Operating Revenues

Water Sales Revenues

Retail Water Sales

R01.	Residential	<input type="text"/>
R02.	Business	<input type="text"/>
R03.	Industrial	<input type="text"/>
R04.	Irrigation	<input type="text"/>
R09.	Sales to Other Utilities for Resale	<input type="text"/>
R10.	Interdepartmental	<input type="text"/>
R11.	Other Water Sales Revenues	<input type="text"/>

Water Services Revenues

R12.	Fire Prevention	<input type="text"/>
R13.	Groundwater Replenishment	<input type="text"/>
R14.	Connection Fees	<input type="text"/>
R15.	Standby and Availability Charges	<input type="text"/>
R16.	Service-Type Assessments	<input type="text"/>
R17.	Other Water Services Revenues	<input type="text"/>
R18.	Other Operating Revenues	272,830
R19.	Total Operating Revenues	\$272,830

Operating Expenses

Water Supply Expenses

R20.	Water Supply	<input type="text"/>
R21.	Water Purchases	<input type="text"/>
R22.	Groundwater Replenishment	<input type="text"/>
R23.	Other Water Supply Expenses	<input type="text"/>
R24.	Pumping	<input type="text"/>
R25.	Treatment	<input type="text"/>
R26.	Transmission and Distribution	<input type="text"/>
R28.	Customer Accounting and Collection	<input type="text"/>
R29.	Sales Promotion	<input type="text"/>
R30.	Personnel Services	573,420
R31.	Contractual Services	<input type="text"/>
R32.	Materials and Supplies	191,754
R33.	General and Administrative Expenses	499,119
R34.	Depreciation and Amortization Expenses	49,741
R35.	Other Operating Expenses	1,172,177
R36.	Total Operating Expenses	\$2,486,211
R37.	Operating Income (Loss)	\$-2,213,381

Nonoperating Revenues

R38.	Investment Income	5,635
------	-------------------	-------

R39.	Rents, Leases, Concessions, and Royalties	
	Taxes and Assessments	
SD40.	Current Secured and Unsecured (1%)	
SD41.	Voter-Approved Taxes	
SD42.	Pass-through Property Taxes (ABX1 26)	
SD43.	Property Assessments	
SD44.	Special Assessments	93,079
SD45.	Special Taxes	
SD46.	Prior-Year Taxes and Assessments	
SD47.	Penalties and Cost of Delinquent Taxes and Assessments	
	Intergovernmental – Federal	
R48.	Aid for Construction	
R49.	Other Intergovernmental – Federal	
	Intergovernmental – State	
R50.	Aid for Construction	
SD51.	Homeowners Property Tax Relief	
SD52.	Timber Yield	
R53.	In-Lieu Taxes	
R54.	Other Intergovernmental – State	15,763
R55.	Intergovernmental – County	
R56.	Intergovernmental – Other	4,417,365
R57.	Gain on Disposal of Capital Assets	16,600
R58.	Other Nonoperating Revenues	
R59.	Total Nonoperating Revenues	\$4,548,442
	Nonoperating Expenses	
R60.	Interest Expense	48,723
R61.	Loss on Disposal of Capital Assets	
R62.	Other Nonoperating Expenses	20,503
R63.	Total Nonoperating Expenses	\$69,226
R64.	Income (Loss) Before Capital Contributions, Transfers, and Special and Extraordinary Items	\$2,265,835
	Capital Contributions	
R65.	Federal	
R66.	State	
R67.	Connection Fees (Capital)	
R68.	County	
R69.	Other Government	
R70.	Other Capital Contributions	
R71.	Total Capital Contributions	\$0
R72.	Transfers In	
R73.	Transfers Out	
	Special and Extraordinary Items	
R73.5	Special Item	
R73.6	Extraordinary Item	
R73.7	Total Special and Extraordinary Items	\$0

R74.	Change in Net Position	\$2,265,835
R75.	Net Position (Deficit), Beginning of Fiscal Year	\$-5,818,231
R76.	Adjustment	
R77.	Reason for Adjustment	
R78.	Net Position (Deficit), End of Fiscal Year	\$-3,552,396
	Net Position (Deficit)	
R79.	Net Investment in Capital Assets	957,582
R80.	Restricted	
R81.	Unrestricted	-4,509,978
R82.	Total Net Position (Deficit)	\$-3,552,396

Special District Name: Cachuma Operation and Maintenance Board
 Special Districts' Financial Transactions Report
 Other Long-Term Debt
 Loans, Notes, and Other

Go to Report: [Detail Summary of Other Long-Term Debt](#)

Fiscal Year: 2022

R01. Purpose of Debt (1 of 3) (Record Completed)	Safety of Dams Act - Bradbury
R02. Nature of Revenue Pledged	None
R03. Debt Type	Loans
R04. Fund Type	Enterprise
SD05. Activity	Water Enterprise
R06. Year of Issue	2002
R07. Beginning Maturity Year	2002
R08. Ending Maturity Year	2052
R09. Principal Authorized	6,791,000
R10. Principal Received to Date	6,791,000
R11. Principal Unspent	
R12. Principal Outstanding, Beginning of Fiscal Year	\$4,271,319
R13. Adjustment to Principal in Current Fiscal Year	
R14. Reason for Adjustment to Principal in Current Fiscal Year	
R15. Principal Received in Current Fiscal Year	
R16. Principal Paid in Current Fiscal Year	213,957
R17. Principal Refinanced in Current Fiscal Year	
R18. Principal Outstanding, End of Fiscal Year	\$4,057,362
R19. Principal Outstanding, Current Portion	220,819
R20. Principal Outstanding, Noncurrent Portion	\$3,836,543
R21. Interest Paid in Current Fiscal Year	47,691
R22. Principal Delinquent, End of Fiscal Year	
R23. Interest Delinquent, End of Fiscal Year	
SD24. Principal Due but Not Presented (Time Warrants Only)	
SD25. Interest Due but Not Presented (Time Warrants Only)	

Special District Name: Cachuma Operation and Maintenance Board
 Special Districts' Financial Transactions Report
 Other Long-Term Debt
 Loans, Notes, and Other

Go to Report: Detail Summary of Other Long-Term Debt

Fiscal Year: 2022

R01. Purpose of Debt (2 of 3) (Record Completed)	Safety of Dams Act - Lauro Dam
R02. Nature of Revenue Pledged	None
R03. Debt Type	Loans
R04. Fund Type	Enterprise
SD05. Activity	Water Enterprise
R06. Year of Issue	2007
R07. Beginning Maturity Year	2007
R08. Ending Maturity Year	2057
R09. Principal Authorized	1,009,737
R10. Principal Received to Date	1,009,737
R11. Principal Unspent	
R12. Principal Outstanding, Beginning of Fiscal Year	\$772,150
R13. Adjustment to Principal in Current Fiscal Year	
R14. Reason for Adjustment to Principal in Current Fiscal Year	
R15. Principal Received in Current Fiscal Year	
R16. Principal Paid in Current Fiscal Year	32,837
R17. Principal Refinanced in Current Fiscal Year	
R18. Principal Outstanding, End of Fiscal Year	\$739,313
R19. Principal Outstanding, Current Portion	33,776
R20. Principal Outstanding, Noncurrent Portion	\$705,537
R21. Interest Paid in Current Fiscal Year	14,568
R22. Principal Delinquent, End of Fiscal Year	
R23. Interest Delinquent, End of Fiscal Year	
SD24. Principal Due but Not Presented (Time Warrants Only)	
SD25. Interest Due but Not Presented (Time Warrants Only)	

Special District Name: Cachuma Operation and Maintenance Board
 Special Districts' Financial Transactions Report
 Other Long-Term Debt
 Loans, Notes, and Other

Go to Report: [Detail Summary of Other Long-Term Debt](#)

Fiscal Year: 2022

R01. Purpose of Debt (3 of 3) (Record Completed)	Emergency Pumping Facilities Project
R02. Nature of Revenue Pledged	None
R03. Debt Type	Notes
R04. Fund Type	Enterprise
SD05. Activity	Water Enterprise
R06. Year of Issue	2007
R07. Beginning Maturity Year	2007
R08. Ending Maturity Year	2022
R09. Principal Authorized	3,200,000
R10. Principal Received to Date	3,200,000
R11. Principal Unspent	
R12. Principal Outstanding, Beginning of Fiscal Year	\$36,623
R13. Adjustment to Principal in Current Fiscal Year	
R14. Reason for Adjustment to Principal in Current Fiscal Year	
R15. Principal Received in Current Fiscal Year	
R16. Principal Paid in Current Fiscal Year	36,623
R17. Principal Refinanced in Current Fiscal Year	
R18. Principal Outstanding, End of Fiscal Year	\$0
R19. Principal Outstanding, Current Portion	
R20. Principal Outstanding, Noncurrent Portion	\$0
R21. Interest Paid in Current Fiscal Year	115
R22. Principal Delinquent, End of Fiscal Year	
R23. Interest Delinquent, End of Fiscal Year	
SD24. Principal Due but Not Presented (Time Warrants Only)	
SD25. Interest Due but Not Presented (Time Warrants Only)	

Special District Name: Cachuma Operation and Maintenance Board
 Special Districts' Financial Transactions Report
 Detail Summary of Other Long-Term Debt

Back to Form: Other Long-Term Debt

Fiscal Year: 2022

	Year of Issue	Principal Outstanding, Beginning of Fiscal Year	Principal Received in Current Fiscal Year	Principal Paid in Current Fiscal Year	Principal Outstanding, End of Fiscal Year	Principal Outstanding, Current Portion	Principal Outstanding, Noncurrent Portion	Interest Paid in Current Fiscal Year
Enterprise								
Loans								
Safety of Dams Act - Bradbury	2002	4,271,319	0	213,957	4,057,362	220,819	3,836,543	47,691
Safety of Dams Act - Lauro Dam	2007	772,150	0	32,837	739,313	33,776	705,537	14,568
Notes								
Emergency Pumping Facilities Project	2007	36,623	0	36,623	0	0	0	115
Total Enterprise Debt:		\$5,080,092	\$0	\$283,417	\$4,796,675	\$254,595	\$4,542,080	\$62,374

Special District Name: Cachuma Operation and Maintenance Board
 Special Districts' Financial Transactions Report
 Statement of Net Position
 Proprietary Funds

Fiscal Year: 2022

	Enterprise	Internal Service
Assets		
Current Assets		
Cash and Investments		
R01. Unrestricted	539,759	
R02. Restricted	278,657	
R03. Accounts Receivable (net)		
R04. Taxes Receivable		
R05. Interest Receivable (net)	2,153	
R06. Due from Other Funds		
R07. Due from Other Governments	18,170	
R08. Inventories		
R09. Prepaid Items	40,020	
R10. Other Current Assets 1	5,868	
R11. Other Current Assets 2		
R12. Total Current Assets	\$884,627	\$0
Noncurrent Assets		
R13. Cash and Investments, Restricted		
R14. Investments	1,572,058	
R14.5 Lease Receivable		
R15. Other Loans, Notes, and Contracts Receivable	4,796,685	
Capital Assets		
R16. Land		
R17. Buildings and Improvements	463,261	
R18. Equipment	1,319,626	
R18.5 Infrastructure		
R18.6 Lease Assets (Lessee)		
R19. Other Intangible Assets – Amortizable		
R20. Construction in Progress	258,767	
R21. Intangible Assets – Nonamortizable		
R22. Other Capital Assets		
R23. Less: Accumulated Depreciation/Amortization	-1,084,072	
R23.5 Net Pension Asset		
R23.6 Net OPEB Asset		
R24. Other Noncurrent Assets 1		
R25. Other Noncurrent Assets 2		
R26. Total Noncurrent Assets	\$7,326,325	\$0
R27. Total Assets	\$8,210,952	\$0
Deferred Outflows of Resources		
R28. Related to Pensions	479,670	

R28.5	Related to OPEB	761,719	
R28.6	Related to Debt Refunding		
R29.	Other Deferred Outflows of Resources		
R30.	Total Deferred Outflows of Resources	\$1,241,389	\$0
R31.	Total Assets and Deferred Outflows of Resources	\$9,452,341	\$0

Liabilities

Current Liabilities

R32.	Accounts Payable	303,183	
R33.	Contracts and Retainage Payable		
R34.	Interest Payable	40,842	
R35.	Due to Other Funds		
R36.	Due to Other Governments	599,086	
R37.	Deposits and Advances		
R38.	Compensated Absences	223,147	
R39.	Long-Term Debt, Due Within One Year	254,595	0
R40.	Other Long-Term Liabilities, Due Within One Year		
R41.	Other Current Liabilities 1	278,657	
R42.	Other Current Liabilities 2		
R43.	Total Current Liabilities	\$1,699,510	\$0

Noncurrent Liabilities

R44.	Deposits and Advances		
R45.	Compensated Absences		
R46.	General Obligation Bonds		
R47.	Revenue Bonds		
R48.	Certificates of Participation		
R49.	Other Bonds		
R50.	Loans (Other Long-Term Debt)	4,542,080	
R51.	Notes (Other Long-Term Debt)		
R52.	Other (Other Long-Term Debt)		
R53.	Construction Financing – Federal		
R54.	Construction Financing – State		
R54.5	Lease Liability		
R55.	Lease Obligations (Purchase Agreements)		
R56.	Net Pension Liability	1,162,437	
R57.	Net OPEB Liability	3,357,104	
R58.	Other Noncurrent Liabilities 1		
R59.	Other Noncurrent Liabilities 2		
R60.	Total Noncurrent Liabilities	\$9,061,621	\$0
R61.	Total Liabilities	\$10,761,131	\$0

Deferred Inflows of Resources

R62.	Related to Pensions	1,102,745	
R62.5	Related to OPEB	1,140,861	
R62.6	Related to Debt Refunding		
R62.7	Related to Leases		
R63.	Other Deferred Inflows of Resources		

R64.	Total Deferred Inflows of Resources	\$2,243,606
R65.	Total Liabilities and Deferred Inflows of Resources	\$13,004,737
R66.	Total Net Position (Deficit)	\$-3,552,396
	Net Position (Deficit)	
R67.	Net Investment in Capital Assets	957,582
R68.	Restricted	
R69.	Unrestricted	-4,509,978
R70.	Total Net Position (Deficit)	\$-3,552,396

Special District Name: Cachuma Operation and Maintenance Board
 Special Districts' Financial Transactions Report
 Summary

Fiscal Year: 2022

	Governmental Funds	Internal Service Fund	Enterprise Fund	1
Governmental Revenues				
R01. General				
R02. Special Revenue				
R03. Debt Service				
R04. Capital Projects				
R05. Permanent				
R06. Transportation				
R07. Total Governmental Revenues	\$0			
Internal Service Revenues				
R08. Total Operating Revenues		\$0		
R09. Total Non-Operating Revenues		\$0		
R10. Total Internal Service Revenues		\$0		
Enterprise Revenues				
Operating Revenues				
R11. Airport				
R12. Electric				
R13. Gas				
R14. Harbor and Port				
R15. Hospital				
R16. Sewer				
R17. Solid Waste				
R18. Transit				
R19. Water			272,830	
R20. Other Enterprise				
R21. Conduit				
R22. Transportation				
R23. Total Operating Revenues			\$272,830	
Non-Operating Revenues				
R24. Airport				
R25. Electric				
R26. Gas				
R27. Harbor and Port				
R28. Hospital				
R29. Sewer				
R30. Solid Waste				
R31. Transit				
R32. Water			4,548,442	
R33. Other Enterprise				
R34. Conduit				
R35. Transportation				

Item #8

R36.	Total Non-Operating Revenues			\$4,548,442	
R36.5	Total Revenues	\$0	\$0	\$4,821,272	
Governmental Expenditures					
R37.	General				
R38.	Special Revenue				
R39.	Debt Service				
R40.	Capital Projects				
R41.	Permanent				
R42.	Transportation				
R43.	Total Governmental Expenditures	\$0			
Internal Service Expenses					
R44.	Total Operating Expenses		\$0		
R45.	Total Non-Operating Expenses		\$0		
R46.	Total Internal Service Expenses		\$0		
Enterprise Expenses					
Operating Expenses					
R47.	Airport				
R48.	Electric				
R49.	Gas				
R50.	Harbor and Port				
R51.	Hospital				
R52.	Sewer				
R53.	Solid Waste				
R54.	Transit				
R55.	Water			2,486,211	
R56.	Other Enterprise				
R57.	Conduit				
R58.	Transportation				
R59.	Total Operating Expenses			\$2,486,211	
Non-Operating Expenses					
R60.	Airport				
R61.	Electric				
R62.	Gas				
R63.	Harbor and Port				
R64.	Hospital				
R65.	Sewer				
R66.	Solid Waste				
R67.	Transit				
R68.	Water			69,226	
R69.	Other Enterprise				
R70.	Conduit				
R71.	Transportation				
R72.	Total Non-Operating Expenses			\$69,226	
R72.5	Total Expenditures/Expenses	\$0	\$0	\$2,555,437	

R73.	Transfer In				
R74.	Transfer Out				
R75.	Change in Fund Balance/Net Position	\$0	\$0	\$2,265,835	
R76.	Fund Balance/Net Position (Deficit), Beginning of Fiscal Year	\$0	\$0	\$-5,818,231	
R77.	Adjustments				
R78.	Fund Balance/Net Position (Deficit), End of Fiscal Year	\$0	\$0	\$-3,552,396	
Assets					
R79.	Total Current Assets			884,627	
R80.	Total Noncurrent Assets			7,326,325	
R81.	Total Assets	\$0	\$0	\$8,210,952	
Liabilities					
R82.	Total Current Liabilities			1,699,510	
R83.	Total Noncurrent Liabilities			9,061,621	
R84.	Total Liabilities	\$0	\$0	\$10,761,131	
R85.	Total Fund Balance/Net Position (Deficit)	\$0	\$0	\$-3,552,396	

Special District of Cachuma Operation and Maintenance Board
 Special District Financial Transactions Report
 Footnotes

Fiscal Year: 2022		
FORM DESC	FIELD NAME	FOOTNOTES
WaterEnterpriseFund	(R18)OtherOperatingRevenues	Other operating revenue consists of Warren Act Trust Fund revenue and Cachuma Project Betterment Fund revenue.
WaterEnterpriseFund	(R30)PersonnelServices	The decrease in the current year directly relates to an OPEB benefit of \$1,598,056 which is reflected in the financials as a credit to personnel expenses.
WaterEnterpriseFund	(R32)MaterialsandSupplies	The decrease is related to a reclassification of some expenses into the personnel services line to more accurately reflect the expenses. If not for the reclassification, the variance from the prior year would be less than 20%.
WaterEnterpriseFund	(R35)OtherOperatingExpenses	Other operating expenses consists of special projects.
WaterEnterpriseFund	(R54)OtherIntergovernmentalState	Intergovernmental consists of grant revenue from pass through state grants.
WaterEnterpriseFund	(R56)IntergovernmentalOther	Other operating revenue consists of member unit assessments.
WaterEnterpriseFund	(R60)InterestExpense	Decrease is due to Emergency Pumping Facility Project loan being paid in full and continued payments on the SOD Act loans.
WaterEnterpriseFund	(R62)OtherNonoperatingExpenses	This is due to an unrealized loss on pooled investments held in LAIF
WaterEnterpriseFund	(R78)NetPosition(Deficit)EndofFiscalYear	Negative net position is due to GASB 75 and GASB 68 restatements. COMB is a JPA in which the member units directly fund on an annual budget basis. This causes minimal assets and fixed assets.
WaterEnterpriseFund	(SD44)SpecialAssessments	Decrease is due to Emergency Pumping Facility Project loan being paid in full.
OtherLongTermDebt	(R08)EndingMaturityYear	(3_Emergency Pumping Facilities Project) The final payment was made in July 2021 which is the fiscal year ending June 2022
OtherLongTermDebt	(R19)PrincipalOutstandingCurrentPortion	(3_Emergency Pumping Facilities Project) The loan was paid in full in July 2022
ProprietaryFunds	(R02)Entpr-Restricted	The increase in restricted cash is due to timing. The increase is due to a decrease in Cachuma Project spending. Restricted cash can only be spend on specific projects, which can take time to plan and execute. This causes cash to build up during certain years.
ProprietaryFunds	(R10)Entpr-OtherCurrentAssets1	Deposits on furniture for new mobile offices.
ProprietaryFunds	(R15)Entpr-OtherLoansNotesandContractsReceivable	This consists of the total Bradbury Dam and Lauro Dam SOD Act liability
ProprietaryFunds	(R17)Entpr-BuildingsandImprovements	During the current fiscal year, construction of mobile offices used for facilities were completed which accounted for the entire net increase of \$327,107.
ProprietaryFunds	(R20)Entpr-ConstructionInProgress	During the current fiscal year, COMB began work on the Secured Pipeline Project. The project is expected to be completed during the 2022/23 fiscal year.
ProprietaryFunds	(R41)Entpr-OtherCurrentLiabilities1	Other liabilities consists of unearned revenue, which is unspent member assessments carrying to the following year.
ProprietaryFunds	(R66)Entpr-TotalNetPosition(Deficit)	Negative net position is due to GASB 75 and GASB 68 restatements. COMB is a JPA in which the member units directly fund on an annual budget basis. This causes minimal assets and fixed assets.

Total Footnote: 19

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 2022
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: **Unexpended Funds – Fiscal Year Ending June 30, 2022**

RECOMMENDATION:

The Board of Directors review the proposed calculation of unexpended funds for Fiscal Year 2021-22 and approve a disbursement of \$599,085.52 to the COMB Member Agencies in accordance with their contribution percentages.

SUMMARY:

COMB operates as a proprietary fund-type. All proprietary fund-types utilize the accrual basis of accounting. Under this method, revenues are recognized when earned, regardless of when received, and expenses are recognized at the time the related liabilities are incurred, regardless of when paid.

Unexpended funds occur when assessments (revenues) collected from the Member Agencies through the budget process exceed actual expenditures. Unexpended funds are identified through the audit process and returned to the Member Agencies using one of four methods. These methods include: 1) the issuance of checks made payable to each Member Agency; 2) constructively returning the unexpended funds by reducing the Member Agency's quarterly assessments; 3) carrying forward unexpended funds for work in process; and/or 4) reducing the projected operating budget for the following fiscal year. The Board of Directors shall take action annually to approve the methodology for return once unexpended funds are identified.

For Fiscal Year 2021-22, staff has identified unexpended funds of \$599,085.52 utilizing a cash basis statement of actual revenues and expenditures. This method provides a basis for recognizing unexpended assessments at the end of an accounting period. Bartlett, Pringle Wolf, LLP has reviewed the cash basis method and has indicated the approach is reasonable.

Staff is proposing to return the unexpended funds from Fiscal Year 2021-22 to the Member Agencies in accordance with their contribution percentages.

Payable to Member Agencies		
Goleta Water District	40.42%	\$ 242,150.37
City of Santa Barbara	35.88%	214,951.88
Carpinteria Valley Water District	12.20%	73,088.43
Montecito Water District	11.50%	68,894.83
	<u>100.00%</u>	<u>\$ 599,085.52</u>

COMMITTEE STATUS:

The Administrative Committee reviewed the proposed calculation of unexpended funds for Fiscal Year 2021-22 and forwards to the Board of Directors with a recommendation to approve a disbursement of \$599,085.52 to the COMB Member Agencies in accordance with their contribution percentages.

LIST OF EXHIBITS:

- 1) Fiscal Year 2021-22 Unexpended Funds Reconciliation

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
FY 2021-22

				PRELIM	ADJUSTMENTS		ADJUSTED	
	Fisheries	Operations	Total	Approved Budget	Surplus/(Deficit) Funds	EPFP Principal Payments	Proposed Budget Carry Forward	Surplus / (Deficit) Funds
Income								
3000 REVENUE								
3001 · O&M Budget (Qtrly Assessments)	1,113,930.30	3,865,221.00	4,979,151.30	4,938,973.00	40,178.30	0.00	0.00	40,178.30
3006 · Warren Act	43,086.00	0.00	43,086.00	43,086.00	0.00	0.00	0.00	0.00
3007 · Renewal Fund	139,744.32	0.00	139,744.32	220,175.00	-80,430.68	0.00	0.00	-80,430.68
3009 · EPFP Loan (Qtrly Assessments)	0.00	38,620.56	38,620.56	0.00	38,620.56	-38,620.56	0.00	0.00
3010 · Interest Income	0.00	3,481.76	3,481.76	0.00	3,481.76	0.00	0.00	3,481.76
3014 · Non-Member Agency Revenue	37,300.00	0.00	37,300.00	0.00	37,300.00	0.00	0.00	37,300.00
3021 · Grant Income	15,252.67	510.00	15,762.67	0.00	15,762.67	0.00	0.00	15,762.67
3035 · Cachuma Project Betterment Fund	90,000.00	0.00	90,000.00	90,000.00	0.00	0.00	0.00	0.00
Total REVENUE	1,439,313.29	3,907,833.32	5,347,146.61	5,292,234.00	54,912.61	-38,620.56	0.00	16,292.05
Expense								
3100 · LABOR - OPERATIONS	0.00	855,713.70	855,713.70	1,023,887.00	168,173.30	0.00	0.00	168,173.30
3200 VEH & EQUIPMENT	0.00	111,067.77	111,067.77	115,000.00	3,932.23	0.00	0.00	3,932.23
3300 · CONTRACT LABOR	0.00	146,020.00	146,020.00	130,000.00	-16,020.00	0.00	0.00	-16,020.00
3400 · MATERIALS & SUPPLIES	0.00	87,320.22	87,320.22	85,000.00	-2,320.22	0.00	0.00	-2,320.22
3500 · OTHER EXPENSES	0.00	44,462.87	44,462.87	48,300.00	3,837.13	0.00	0.00	3,837.13
4100 · LABOR - FISHERIES	689,224.90	0.00	689,224.90	755,458.00	66,233.10	0.00	0.00	66,233.10
4200 · VEHICLES & EQUIP - FISHERIES	76,358.04	0.00	76,358.04	82,500.00	6,141.96	0.00	0.00	6,141.96
4220 · CONTRACT LABOR - FISHERIES	8,539.97	0.00	8,539.97	19,100.00	10,560.03	0.00	0.00	10,560.03
4300 · MATERIALS/SUPPLIES - FISHERIES	5,099.77	0.00	5,099.77	7,000.00	1,900.23	0.00	0.00	1,900.23
4500 · OTHER EXPENSES - FISHERIES	4,241.64	0.00	4,241.64	3,500.00	-741.64	0.00	0.00	-741.64
4999 · GENERAL & ADMINISTRATIVE	0.00	193,631.20	193,631.20	237,453.00	43,821.80	0.00	0.00	43,821.80
5299 · ADMIN LABOR	0.00	550,665.90	550,665.90	620,531.00	69,865.10	0.00	0.00	69,865.10
5400 · GENERAL & ADMIN - FISHERIES	85,707.33	0.00	85,707.33	116,426.00	30,718.67	0.00	0.00	30,718.67
5499 · ADMIN LABOR-FISHERIES	228,072.00	0.00	228,072.00	258,029.00	29,957.00	0.00	0.00	29,957.00
5510 · Integrated Reg. Water Mgt Plan	0.00	3,142.75	3,142.75	5,000.00	1,857.25	0.00	0.00	1,857.25
6199 · SPECIAL PROJECTS	0.00	47,288.63	47,288.63	92,050.00	44,761.37	0.00	0.00	44,761.37
6000 · INFRASTRUCTURE IMPROVEMENT PROJ	0.00	1,444,114.77	1,444,114.77	1,508,000.00	63,885.23	0.00	0.00	63,885.23
6200 · PROGRAM SUPPORT SERVICES	112,041.91	0.00	112,041.91	150,000.00	37,958.09	0.00	0.00	37,958.09
6300 · HABITAT IMPROVEMENT PROJECTS	17,796.65	0.00	17,796.65	35,000.00	17,203.35	0.00	0.00	17,203.35
7007 · INTEREST EXPENSE-EPFP	0.00	115.47	115.47	0.00	-115.47	115.47	0.00	0.00
Total Expense	1,227,082.21	3,483,543.28	4,710,625.49	5,292,234.00	581,608.51	115.47	0.00	581,723.98
Net Income	212,231.08	424,290.04	636,521.12	0.00	636,521.12	-38,736.03	0.00	597,785.09

Interest Income 4th Quarter 2020-21 posted in July 21 1,300.43
Due to Member Agencies 599,085.52

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 2022
Submitted by:	Tim Robinson
Approved by:	Janet Gingras

SUBJECT: Cachuma Project Warren Act Trust Fund / Cachuma Project Master Contract Renewal Fund 2022-23 Annual and Long Term Plan / Santa Barbara County Betterment Fund

RECOMMENDATION:

The Board of Directors receive and file the final Cachuma Project 2022-23 Annual and Long-Term Plan and approve:

- a. Recommended program expenditures of Cachuma Project Warren Act Trust Fund (\$118,293) and Renewal Fund 2021 carryover funds (\$21,123) totaling \$139,416 for FY 2022-23 as agreed upon by the Funds Committee.
- b. Proposed program expenditures of the Santa Barbara County Betterment Fund monies in the amount of \$100,000 for FY 2022-23 as agreed upon by the County and the Cachuma Member Units' representative.

SUMMARY:

Cachuma Project Warren Act Trust Fund (WATF) / Renewal Fund (RF) ("Funds Committee") Meeting

COMB Resolution No. 249, approved unanimously by the COMB Board in 1997, establishes that the processes for implementation and administration of the Cachuma Project Warren Act Trust Fund and the Cachuma Master Contract Renewal Fund shall be merged and carried out under the process established by the Cachuma Project Trust Fund, with, a single Committee (the "Funds Committee") directing the preparation and implementation of Long-Term and Annual Work Plans.

The annual meeting of the Cachuma Project Warren Act Trust Fund / Renewal Fund (Funds Committee), and County Betterment Fund was conducted on November 30, 2022. Participants included Edward Lyons, COMB Administrative Manager/CFO, appointed by the COMB Board to represent the Cachuma Member Units; Janet Gingras, COMB General Manager; Matt Young, representing the Santa Barbara County Water Agency; Tim Robinson, COMB Fisheries Division Manager; and Rain Emerson, Environmental Compliance Branch Chief, Bureau of Reclamation.

The Funds Committee is authorized to prepare and implement a Long Term Plan and Annual Work Plan for expenditure of Trust Fund monies for purposes consistent with the Warren Act Memorandum of Understanding between the Central Coast Water Authority, the Bureau of Reclamation and COMB.

The Committee annually meets to discuss the Draft Annual and Long Term Plan. The Cachuma Project Warren Act Trust Fund revenues collected for calendar year 2021 total \$118,293 based on 2,751 AF of State Water delivered to the lake during the year. Revenues collected from the Renewal Fund in fiscal year

2022-23 will be zero; however, there are carryover funds available from the previous year in the amount of \$21,123 to be utilized for expenditures in 2023.

The participating Fund Committee members will be meeting for a final vote to approve the plan following COMB Board approval of expenditures per COMB resolution No. 249.

In accordance with the plan document, the funds will provide revenue for environmental restoration, specifically the Oak Tree Restoration Program (\$25,000), regulatory requirements for monitoring, analyses and reporting (\$28,293), genetic analyses (\$15,000), and Cachuma Project Betterment (\$71,123); for a total of \$139,416 funds available.

Santa Barbara County Water Agency Cachuma Betterment Fund meeting

Article 8 (b) of the Cachuma Project Member Unit contracts with Santa Barbara County Water Agency requires the County Water Agency to provide \$100,000 annually for beneficial purposes consistent with the Water Agency Act and within the Santa Ynez River watershed or the Cachuma Project service area. All decisions relating to the expenditure of such funds must be agreed to by both the County Water Agency and the Cachuma Member Units' Representative, acting by unanimous vote. The funds are allocated for the following activities for Fiscal Year 2022-23:

USGS Stream Gauging Program (COMB)	\$100,000
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FISCAL IMPACTS:

The FY 2022-23 COMB Operating Budget reflects the Warren Act Trust Fund / Renewal Fund and Santa Barbara County Betterment Fund revenue offsets for Fisheries Division approved activities consistent with the Annual Plan.

COMMITTEE STATUS

The Fisheries Committee reviewed the draft 2022-23 Cachuma Project Annual and Long-Term Plan on December 12, 2022 and forwards the following to the Board with a recommendation to:

- a. Receive and file the Final Cachuma Project Annual and Long-Term Plan for Water Year 2022-23 as approved by the Funds Committee.
- b. Approve the recommended program expenditures of Cachuma Project Warren Act Trust Fund (\$118,293) and Renewal Fund 2021 carryover funds (\$21,123) totaling \$139,416 for FY 2022-23 as agreed upon by the Funds Committee.
- c. Approve the proposed program expenditures of the Santa Barbara County Betterment Fund monies in the amount of \$100,000 for FY 2022-23 as agreed upon by the County and the Cachuma Member Units' representative.

LIST OF EXHIBITS:

- 1) Cachuma Project Water Year 2022-23 Report with Annual and Long-Term Plans
- 2) Santa Barbara County Cachuma Project Betterment Fund Letter

CACHUMA PROJECT WARREN ACT TRUST FUND AND CACHUMA PROJECT MASTER CONTRACT RENEWAL FUND

REPORT WITH ANNUAL AND LONG-TERM PLANS FOR WATER YEAR 2022-23

Background

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. Department of the Interior Bureau of Reclamation (Reclamation). These two funds have similar, but not identical purposes which are explained below.

Warren Act Trust Fund

The Warren Act Trust Fund is a requirement of the Cachuma Project Warren Act Contract that the Central Coast Water Authority (CCWA) negotiated with Reclamation for delivery and transport of State Water Project (SWP) water through the Cachuma Project facilities. A 1995 memorandum of understanding (MOU) executed by Reclamation, the Cachuma Project Authority (CPA, now COMB¹), and the CCWA, in conjunction with the Warren Act Contract, established a charge of \$43 per acre foot (AF) for State Water Project (SWP) water delivered to the federal facility. The payment is made to CCWA by those participating agencies and passed through to COMB for administration and implementation of controlled activities as outlined in the Warren Act MOU.

Payments are required upon delivery of SWP water to the Cachuma Reservoir. CCWA makes quarterly payments to COMB based on the prior quarter's deliveries. The South Coast CCWA participants (City of Santa Barbara, Goleta Water District, Montecito Water District, and Carpinteria Valley Water District, plus La Cumbre Mutual Water Company, Morehart Land Company, and Santa Barbara Research Center), have a total entitlement of 13,750 AF per year (AFY).

Through a formalized exchange agreement, the South Coast Cachuma Project Member Agencies have an obligation to exchange their SWP water for Santa Ynez River Conservation District, ID No. 1's (ID No. 1) Cachuma Project water on an annual basis. ID No. 1's current Cachuma entitlement is 2,651 AFY. ID No. 1 currently delivers approximately 80 AFY to Cachuma Lake County Park, which reduces the amount available for exchange to approximately 2,571 AFY. This makes the maximum annual amount under normal Cachuma yield conditions to be assessed for the Cachuma Project Trust Fund approximately 11,179 AF.

SWP water was first delivered into Lake Cachuma in June 1997. From calendar year (CY) 1997 through CY 2021, a total of 109,674 AF has been delivered. Because the 1990s experienced an extended wet period, SWP water deliveries were modest. Calendar years 2000 through 2004, 2007 through 2010, and 2013 through 2018 saw an increase in SWP water deliveries due to drought conditions. SWP deliveries to the lake, in general, fluctuate according to weather conditions.

¹ CPA transferred all obligations, rights, and responsibilities to COMB in October 1996.

CCWA and the CPA² created the Warren Act Trust Fund as agreed to within the 1995 Warren Act MOU. The 1995 MOU established a two person Trust Fund Committee with one representative from Reclamation and one representative from the CPA (now COMB).

Article 3.b. of the MOU provides that the Bureau agrees to contribute its technical expertise and water management experience to assist in administering the Trust Fund by serving as a member of the Trust Fund Committee. In addition, Article 3.c. of the MOU provides that CPA (now COMB) serves on the Trust Fund Committee, manages and administers the Trust Fund, and provides administrative services to the Trust Fund Committee which is further confirmed by COMB Board Resolution No. 249 adopted in 1997.

Article 4 of the MOU provides for the creation and composition of a Trust Fund Committee, which is comprised of one representative each from the Bureau of Reclamation and CPA (now COMB). Article 4.d. provides for the creation of an Advisory Committee comprised of one representative each from the Santa Barbara County Water Agency (Agency), U.S. Fish and Wildlife Service, California Department of Fish and Wildlife, and three public members designated by the Trust Fund Committee. The Advisory Committee shall be authorized to attend and participate in discussions held at meetings of the Trust Fund Committee, but shall have no vote.

The Trust Fund Committee is authorized to prepare and implement a Long-Term Plan and Annual Work Plan for expenditure of Trust Fund monies for purposes consistent with the MOU. CCWA can attend the Trust Fund Committee meetings but has no vote.

The Trust Fund Committee shall only take action by unanimous vote and meetings will be announced with reasonable notice. The Trust Fund Committee determines the use of the funds which shall only be expended consistent with the Long-Term (5-Year) Plan and applicable Annual Plan, and approved by the Committee. Expenditures of the Trust Fund revenues as stated in the MOU are limited to the following:

- a. Environmental Restoration - *The restoration of any riparian and other habitat of the Santa Ynez River and its watershed which has been adversely affected by the Cachuma Project facilities, including (without limitation) restoration of habitat of rare, threatened or endangered species, fish habitat or populations, and plant and animal habitat.*
- b. Wastewater Reclamation - *Projects, whether new or existing, which will promote reclamation of wastewater within the service areas of the Cachuma Member Units.*
- c. Water Conservation - *Projects which will promote water conservation within the service areas of the Cachuma Member Units.*
- d. Innovative Water Management Techniques - *Other sound and innovative water management techniques which will benefit the Cachuma Member Units in assuring their water customers a reliable water supply of high quality and reasonable price.*
- e. Cachuma Project Betterment - *Capital outlays (other than routine repair and maintenance) which contribute to improvement of the Cachuma Project facilities, including project betterment for the purposes of safety or public recreation in the Santa Ynez River or on Lake Cachuma or adjacent federally-owned lands.*

² Creation and Management of the Trust Fund and other obligations of CPA were assumed by the Cachuma Operation and Maintenance Board (COMB) when CPA merged into COMB in October 1996.

Renewal Fund

The Renewal Fund (RF) is a requirement of the 1995 Renewal Master Contract (executed in 1996) entered into for water conveyance from the Cachuma Project to the five Cachuma Project Member Units, which include the City of Santa Barbara, the Goleta Water District, the Montecito Water District, the Carpinteria Valley Water District, and the Santa Ynez River Water Conservation District, Improvement District No. 1 (ID No. 1). The Renewal Master Contract requires the payment of \$10 per acre-foot of water made available by the Cachuma Project during the water year, which runs from October 1st to September 30th, as stipulated in Article 27(e). The Renewal Fund itself is capped at \$257,100, which is related to the annual operational yield of 25,714 AF (100% allocation) as outlined in the Master Contract.

In accordance with the Cachuma Project Master Contract, Article 27 – Renewal Fund, Sub Article (e):

1. The aggregate amount to be deposited by the Cachuma Member Units in any Water Year shall not exceed the *lesser* of the amounts determined pursuant to sub articles 27 (e)(2), (e)(3), and (e)(4), as stated below.
2. The aggregate amount to be deposited by the Cachuma Project Member Units in any Water Year shall not exceed an amount equal to \$10 (May 1995 price levels using the Consumer Price Index) for each acre-foot of Project water scheduled for delivery that water year.
3. The aggregate amount to be deposited by the Cachuma Member Units in any Water Year shall not exceed an amount which bears a ratio to \$257,100, which is inverse to the ratio which the aggregate amount paid into the Cachuma Project Trust Fund during the immediately preceding Calendar Year bears to \$300,000.
4. If (i) at the beginning of any Water Year the combined balance of the Cachuma Project Trust Fund and the Renewal Fund is \$600,000 or more, or (ii) the Contracting Officer has determined that the maximum operation elevation of the Cachuma Reservoir shall be less than 750 feet, then no contributions to the Renewal Fund are required for such year Water Year.

Payments into the RF are made prior to the beginning of each water year and are calculated according to Article 27, sub article (e). As an example, for the RF calculation in WY2021, the prior calendar year was 2019, because that is the nearest prior full calendar year to WY2021. Payments to the Renewal Fund were determined by the formula stated in sub article (e) 3: 1 minus the ratio of the prior calendar year Trust Fund payment to \$300,000 (RF = [1- prior CY TF payment/\$300,000] x \$257,100). In this example, the prior CY Trust Fund payment was \$62,780, making the ratio 0.21; 1 minus 0.21 is 0.79; 0.79 times \$257,100 is \$203,298, which would be the Renewal Fund payment requirement for that water year. The combined total available funds would be the sum of those two amounts, or \$266,078. If the approved WY allocation is less than 100%, then that allocation may impact the result of the Renewal Fund amount for that water year as defined above and in the contract documents (i.e., WY2023 with 0% allocation resulting in \$0 RF). When the Trust Fund amount in the CY prior to a Cachuma Project water year is greater than \$300,000, the ratio would be greater than 1; 1 minus that amount is less than zero, so no Renewal Fund payment is required. The calculation for a zero Renewal Fund payment has occurred for WY2006, WY2016, WY2018, WY2019, and WY2020 because the amount of SWP water was significant in those years.

The Cachuma Project 1995 Renewal Master Contract states that the contracting officer (Reclamation) and the Cachuma Member Units shall jointly develop a Long-Term (5-year) Plan and an Annual Work Plan. Through COMB Board Resolution No. 249, the Cachuma Project Member Units agreed unanimously to merge the processes for implementation and administration of the Cachuma Project

Warren Act Trust Fund and the Cachuma Project Master Contract Renewal Fund under a single committee (referred to as the “Funds Committee”) directing the preparation and implementation of Long-Term and Annual Work Plans. Resolution No. 249, passed unanimously by the COMB Board in 1997, also authorized the COMB Board to appoint a representative to the Funds Committee who would represent the interests of and provide recommendations from the Cachuma Member Units, as well as work with Reclamation’s committee member to develop joint Long-Term and Annual Work Plans for the use of both Funds.

The Cachuma Project Renewal Master Contract specified that five years after adoption of the first Annual Plan, the Contractor (Santa Barbara County) shall be substituted for the Contracting Officer (Reclamation) for the Renewal Fund discussions; this change in representation began in WY2003 and Santa Barbara County has been the representative since that time. The Funds Committee composition dictates that the voting members of the Funds Committee are Reclamation, COMB and Santa Barbara County. COMB manages and administers both the Trust Fund and the Renewal Fund administration and accounts as stipulated in the Cachuma Project Renewal Master Contract and COMB Board Resolution No. 249.

Article 27(a) of the Cachuma Project Renewal Master Contract (MCA 27) describes the purposes of Renewal Fund, which include the following:

- a. Mitigation activities for the selected alternative in the Master Contract Renewal EIS/EIR. No mitigation activities were identified, so this section does not apply.*
- b. Activities which may be required of the Contracting Officer by State Water Resources Control Board (SWRCB) orders affecting the Project Water Rights.*
- c. Studies described in sub-article 7 (b) which are specific to conducting and preparing studies and reports that are required to be submitted by Reclamation to the SWRCB pursuant to Board WR94-5 paragraph 3, including fisheries studies and other related studies under the continuing jurisdiction of the SWRCB.*
- d. Studies relating to modifications in the Cachuma Project operations pursuant to sub-article 9 (g), including to protect the environment and groundwater quality downstream of Bradbury Dam, conserve Project Water, and promote efficient water management.*
- e. Restoration of riparian or other habitat of the Santa Ynez River and its watershed which has been adversely affected by the Project.*
- f. Activities of Reclamation pursuant to sub-article 27 (i) that are required by law to be reimbursed by the Contractor, those shall be included in the Long-Term Plan and Annual Work Plan and reimbursed by the Renewal Fund.*

Objectives of the Funds

Integration of the objectives of the two funds suggests the following categories:

1. Environmental restoration (Biological Opinion and SWRCB Orders).
2. Implementation of regulatory requirements.
3. Water management and conservation by Cachuma Project members.
4. Cachuma Project betterment.

Annual and Five-Year Plans

The contractual documents establishing the Trust Fund and Renewal Fund require preparation of an Annual Work Plan and a Five-Year Plan. Per COMB Resolution No. 249, passed unanimously by the COMB Board in 1997, the Cachuma Operation and Maintenance Board (representing the Cachuma Member Units) shall appoint a representative to the Funds Committee and said representative shall work with the Reclamation to develop joint Long-Term and Annual Work Plans for use of the funds.

Revenue Estimates

Trust Fund revenues from Member Unit State Water Project (SWP) deliveries in CY2021 were \$118,293 based on 2,751 AF delivered, and Renewal Fund revenues derived from operational yield of the Cachuma Project deliveries at a 0% allocation in WY2023 will be \$0 for total available revenues of \$118,293 (Table 1). These available revenues are anticipated to be fully utilized during the coming Water Year. A historical record since 1995 and projected revenues through WY2027 for both funds are shown in Table 2. For the first time, there is a carryover from last year of \$29,122.94 that will be added to the revenues for this year. Fund amounts through WY2023 are based on the actual prior calendar year SWP water deliveries; subsequent years' revenues are based on full usage of allotted SWP water deliveries (6,977 AF), thus reaching the Trust fund projected average of \$300,000 (6,977 AF) without any projected revenues from the Renewal Fund. If at the beginning of any water year the combined balance of the Cachuma Project Trust Fund and Renewal Fund is \$600,000 or more, then contributions to the Renewal Fund are not required for such water year. It is important to remember that SWP water orders can be changed on a monthly basis, so the actual amount delivered in any year may be quite different from projected orders. CY1998 is a good example of how orders can change where 3,888 AF of SWP water was ordered but no actual deliveries were made into the lake because Lake Cachuma was spilling through July. Deliveries were not possible after that time because fish releases were being made through the Bradbury Dam Outlet Works due to release constraints under the BiOp. Typically, advance orders will be greater than actual deliveries. The SWP water orders are first subject to an exchange with ID No. 1 as described above. The SWP water delivery amounts shown in Table 1 are in consideration of the ID No. 1 exchange amount. The Cachuma Project Member Units maximum available supply from the Cachuma Project each year is currently 25,714 AFY.

Table 1: Trust Fund and Renewal Fund calculation of contributions and assessments for WY2023.

TRUST FUND (T) (Warren Act) - State Water			
GIVEN:	Q = Acre-Feet of State Water Project Deliveries to Cachuma Reservoir in CY2021		
	Q =	2,751 Acre-Feet used in CY2021	
	T = Warren Act Trust Fund Contribution = Q x \$43 per Acre-Foot		
THEN:	T =	2,751 x \$43	
	T =	\$118,293	
WARREN ACT TRUST FUND REVENUE FOR CALENDAR YEAR 2021			
CCWA PARTICIPANTS		USED	AMOUNT DUE
		(af)	(\$)
GOLETA WATER DISTRICT		1313	\$56,459
CITY OF SANTA BARBARA		0	\$0
CARPINTERIA VALLEY WD		1236	\$53,148
MONTECITO WATER DISTRICT		0	\$0
LA CUMBRE MUTUAL WATER COMPANY		141	\$6,063
MOREHART LAND COMPANY		41	\$1,763
SB RESEARCH CENTER (RAYTHEON)		20	\$860
TOTAL		2,751	\$118,293
RENEWAL FUND (R) - Cachuma Water			
GIVEN:	W = Annual Operations Yield of 25,714 af x \$10 =		\$257,140
	Renewal Fund cap:	\$257,100	
	RF Cap x Allocation (0%) (af):	0	
	R = Renewal Fund Contribution = \$10 x Acre Feet Scheduled for Delivery		
THEN:	R* = \$10 x (25,714 x 0%) = \$0		
	R =	\$0	
RENEWAL FUND ALLOCATION FOR WATER YEAR 2022 - 2023 (PAYMENT DUE OCTOBER 1, 2022)			
MEMBER UNIT		*COST SHARE*	AMOUNT DUE
		(%)	(\$)
GOLETA WATER DISTRICT		36.25	\$0
CITY OF SANTA BARBARA		32.19	\$0
CARPINTERIA VALLEY WD		10.94	\$0
MONTECITO WATER DISTRICT		10.31	\$0
SANTA YNEZ RWCD ID#1		10.31	\$0
TOTAL		100.00	\$0
* Pursuant to Renewal Fund Master Contract Article 27(e)(2).			
** Based on Cachuma Entitlement.			
TOTAL FUNDS AVAILABLE FOR WATER YEAR 2022-2023:			\$118,293

Table 2: Trust Fund and Renewal Fund revenues based on SWP deliveries and constant Cachuma Project deliveries; the funds were initiated in 1997.

Trust Fund			Renewal Fund			Total		Expected
Calendar	SWP		Water	Cachuma Scheduled		Water	Available	Expenditures
Year	Deliveries	Funds	Year	Deliveries	Funds	Year	Funds	Funds
	(AF)			(AF)				
1995	-	\$0	1997	25,714	\$257,100	1997	\$257,100	\$257,100
1996	-	\$0	1998	25,714	\$257,100	1998	\$257,100	\$257,100
1997	1,502	\$64,586	1999	25,714	\$201,750	1999	\$266,336	\$266,336
1998	0	\$0	2000	25,714	\$257,100	2000	\$257,100	\$257,100
1999	505	\$21,715	2001	25,714	\$238,490	2001	\$260,205	\$260,205
2000	2,334	\$100,362	2002	25,714	\$171,090	2002	\$271,452	\$271,452
2001	809	\$34,787	2003	25,714	\$227,288	2003	\$262,075	\$262,075
2002	6,708	\$288,444	2004	25,714	\$9,903	2004	\$298,347	\$298,347
2003	4,568	\$196,424	2005	25,714	\$88,765	2005	\$285,189	\$285,189
2004	8,836	\$379,948	2006	25,714	\$0	2006	\$379,948	\$379,948
2005	506	\$21,758	2007	25,714	\$238,453	2007	\$260,211	\$260,211
2006	759	\$32,637	2008	25,714	\$229,130	2008	\$261,767	\$261,767
2007	6,316	\$271,588	2009	25,714	\$24,349	2009	\$295,937	\$295,937
2008	3,694	\$158,842	2010	25,714	\$120,972	2010	\$279,814	\$279,814
2009	2,537	\$109,091	2011	25,714	\$163,609	2011	\$272,700	\$272,700
2010	1,788	\$76,884	2012	25,714	\$191,210	2012	\$268,094	\$268,094
2011	1,013	\$43,559	2013	25,714	\$219,770	2013	\$263,329	\$263,329
2012	385	\$16,555	2014	25,714	\$242,912	2014	\$259,467	\$259,467
2013	2,638	\$113,434	2015	11,571	\$159,887	2015	\$273,321	\$273,321
2014	13,296	\$571,728	2016	0	\$0	2016	\$571,728	\$571,728
2015	5,542	\$238,306	2017	10,286	\$52,872	2017	\$291,178	\$291,178
2016	14,427	\$620,361	2018	10,286	\$0	2018	\$620,361	\$620,361
2017	12,547	\$539,521	2019	25,714	\$0	2019	\$539,521	\$539,521
2018	13,751	\$591,293	2020	25,714	\$0	2020	\$591,293	\$591,293
2019	1,460	\$62,780	2021	25,714	\$203,298	2021	\$266,078	\$266,078
2020	1,002	\$43,086	2022	18,000	\$179,998	2022	\$223,084	\$223,084
2021	2,751	\$118,293	2023	0	\$0	2023	\$118,293	\$118,293
2022	6,977	\$300,000	2024	25,714	\$0	2024	\$300,000	?
2023	6,977	\$300,000	2025	25,714	\$0	2025	\$300,000	?
2024	6,977	\$300,000	2026	25,714	\$0	2026	\$300,000	?
2025	6,977	\$300,000	2027	25,714	\$0	2027	\$300,000	?
2026	6,977	\$300,000	2028	25,714	\$0	2028	\$300,000	?
2027	6,977	\$300,000	2029	25,714	\$0	2029	\$300,000	?
109,674 CY1997-2021 total SWP Deliveried								
Notes:								
- Calendar Years 1997 through 2021 show actual State Water deliveries to Cachuma Reservoir; following years are requested deliveries.								
- State Water deliveries are based on calendar year.								
- Cachuma Project deliveries are based on water year (October 1 through September 30).								
- Trust Fund charge is \$43 per AF;								
- Renewal fund charge is \$10 per AF (in 1995 dollars).								
- Renewal Fund is reduced by prior full calendar year Trust Fund revenue, for example, 2002 Renewal Fund amount is reduced by 2000 Trust Fund revenue.								
- Total Available is current year Renewal Fund plus full prior year Cachuma Project Trust Fund (for example, 2002 Trust Fund plus 2004 Renewal Fund).								
- Total Available will be increased by any accrued interest in the fund accounts.								
(Please see Financial Statement attached.)								

Table 3 provides a summary of the activities for which the Trust Fund and Renewal Fund revenues have been used since 1997. (See Table 2 for the calculation of annual revenues from each of the two funds). Activities are similar year to year and have focused on environmental restoration projects which include the Oak Tree restoration program of work and restoration of riparian habitat of the Santa Ynez River and its watershed including restoration of habitat for endangered species, meeting regulatory requirements outlined in the Cachuma Project Biological Opinion (2000) such as monitoring, trapping, snorkel surveys, redd surveys, reporting and public outreach, and Cachuma Project Betterment projects such as conservation easements and watershed protection efforts, and Hilton Creek channel enhancements efforts.

Table 3: Use of the Trust Fund and Renewal Fund revenues from 1998 to 2023 by Fiscal Year.

Fiscal Year	Activities:			Total
	Environmental Restoration	Regulatory Requirements	Cachuma Project Betterment	
1998	\$257,100	\$0	\$0	\$257,100
1999	\$257,100	\$0	\$0	\$257,100
2000	\$266,336	\$0	\$0	\$266,336
2001	\$62,000	\$195,100	\$0	\$257,100
2002	\$123,200	\$99,005	\$38,000	\$260,205
2003	\$48,000	\$215,452	\$8,000	\$271,452
2004	\$75,000	\$187,075	\$0	\$262,075
2005	\$105,000	\$193,347	\$0	\$298,347
2006	\$0	\$263,189	\$22,000	\$285,189
2007	\$50,000	\$317,948	\$12,000	\$379,948
2008	\$50,000	\$198,211	\$12,000	\$260,211
2009	\$50,000	\$198,267	\$13,500	\$261,767
2010	\$42,000	\$241,437	\$12,500	\$295,937
2011	\$45,000	\$227,314	\$7,500	\$279,814
2012	\$45,000	\$222,700	\$5,000	\$272,700
2013	\$171,000	\$97,094	\$0	\$268,094
2014	\$172,000	\$91,329	\$0	\$263,329
2015	\$190,000	\$69,467	\$0	\$259,467
2016	\$425,000	\$146,728	\$0	\$571,728
2017	\$200,000	\$91,178	\$0	\$291,178
2018	\$225,000	\$365,361	\$30,000	\$620,361
2019	\$225,000	\$284,521	\$30,000	\$539,521
2020	\$30,000	\$511,293	\$50,000	\$591,293
2021	\$25,000	\$191,078	\$50,000	\$266,078
2022	\$25,000	\$148,084	\$50,000	\$223,084
2023	\$25,000	\$43,293	\$50,000	\$118,293

Milestones

Below are important milestones associated with or having an effect on the LSYR Fisheries Program since the issuance of the 2000 Cachuma Project BiOp. Many of these activities have been partially funded by the Trust and Renewal Funds as well as the County's Cachuma Betterment Fund.

WY2000 (October 1999 – September 2000)

December 1999 - Completion of Hilton Creek Water Supply System* and Fish Management Plan Inaugural Ceremony
 April 2000 - Lake Cachuma Spilled
 September 2000 - Steelhead Biological Opinion for Cachuma Project Operations Issued by NMFS

WY2001 (October 2000 – September 2001)

October 2000 - Final LSYR Fish Management Plan
 February 2001 - Lake Cachuma Spilled
 November 2000 - SWRCB Hearings on Cachuma Project Water Rights Permits (Phase 1)

WY2002 (October 2001 – September 2002)

January 2002 - Completion of Salsipuedes Creek/Highway 1 Fish Passage Enhancement**
 June 2002 - Administrative Draft EIR/EIS for Fish Management Plan and Biological Opinion
 June 2002 - Submittal of 2002 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS

WY2003 (October 2002 – September 2003)

December 2002 - Cachuma Project Settlement Agreement between CCRB, ID#1, SYRWCD & City of Lompoc
 April 2003 - Installation of Variable Depth Intake for Hilton Creek Watering System*
 May 2003 - Pre-Hearing Conference for SWRCB Hearings on Cachuma Project Water Rights Permits
 June 2003 - Draft EIR/EIS for Fish Management Plan and Biological Opinion
 August 2003 - Draft SWRCB EIR on Cachuma Operations

WY2004 (October 2003 – September 2004)

Oct-Nov 2003 - SWRCB Hearings on Cachuma Project Water Rights Permits (Phase 2)
 January 2004 - Cachuma Park Boat Launch Ramp Raised to Accommodate 1.8 ft Surcharge
 January 2004 - Completion of Salsipuedes Creek/Jalama Road Fish Passage Enhancement*
 February 2004 - Completion of El Jaro Creek Streambank Stabilization Projects**
 February 2004 - MOU Regarding Surcharge of Lake Cachuma and Protection of Cachuma Park Facilities
 March 2004 - Completion of Final EIR/EIS for Fish Management Plan and Biological Opinion
 March 2004 - Reclamation ROD for Final EIS for Fish Management Plan and Biological Opinion
 April 2004 - Installation of Bradbury Dam Gate Extensions for Cachuma Reservoir Surcharge Project
 May 2004 - Revised Cachuma Project Fish Passage Supplementation Program (BiOp Term & Condition)
 June 2004 - Submittal of 2004 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
 August 2004 - Upper Basin Analysis - initiated

WY2005 (October 2004 – September 2005)

November 2004 - COMB Certification of Final EIR for Fish Management Plan and Biological Opinion
 November 2004 - Modeling Protocol for Target Flow Monitoring Approved and Implemented
 December 2004 - Crawford-Hall Filed CEQA Lawsuit against COMB for Final FMP/BiOp EIR
 December 2004 - Flow Capacity Modifications for Hilton Creek Watering System and Installation of Pump*
 January 2006 - Completion of Year 1 Oak Tree Restoration Program
 January 2005 - Lake Cachuma Spilled
 March 2005 - Amended MOU Regarding Surcharge of Lake Cachuma and Protection of Park Facilities
 April 2005 - Installation of Pumping System for Hilton Creek Watering System*
 April 2005 - Surcharge Lake Cachuma by 2.5 feet (~7700 acre feet) for Steelhead Fishery Downstream

July 2005 - Summer 2005 (First) Santa Ynez River Fish Management Plan Newsletter
June 2005 - Completion of Year 1 Cachuma Oak Tree Restoration Program
September 2005 - Senior Resources Scientist Hired for Fisheries Program

WY2006 (October 2005 – September 2006)

October 2005 - Approval Letter from NMFS for Revised Cachuma Project Fish Passage Supplementation Program
November 2005 - Crawford-Hall Filed NEPA Lawsuit against United States for Final FMP/BiOp EIS
November 2005 - Fall 2005 Santa Ynez River Fish Management Plan Newsletter
December 2005 - Construction of Hilton Creek Cascade/Chute Fish Passage Enhancement (Reclamation Project) **
Oct-Dec 2005 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2006 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2006 - Completion of Year 2 Oak Tree Restoration Program – (375 oak trees planted)
February 2006 - Conducted passage supplementation during two storms
February 2006 - Distribution of Fish Projects Brochure
Feb-April 2006 - Supplemental Passage Flow Releases (from 2005 surcharge)
April 2006 - Lake Cachuma Spilled
April 2006 - Interim Agreement with County to Surcharge Lake Cachuma up to 3.0 feet
June 2006 - Preliminary Redesign of Quiota Creek Fish Passage Projects
July 2006 - Summer 2006 Santa Ynez River Fish Management Plan Newsletter
May 2006 - Preliminary Design of El Jaro San Julian Fish Passage
Sept 2006 - Preliminary Design of El Jaro Cross Creek Fish Passage

WY2007 (October 2006 – September 2007)

October 2006 - Development of GIS for Santa Ynez River Fisheries Program
January 2007 - Winter 2007 Santa Ynez River Fish Management Plan Newsletter
Oct-Dec 2006 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2007 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2007 - Completion of Year 3 Cachuma Oak Tree Restoration Program (375 oak trees planted)
February 2007 - Winter 2007 Santa Ynez River Fish Management Plan Newsletter
March-April 2007 - Crawford-Hall Petition to Add Caltrans to CEQA Lawsuit Against COMB for Final FMP/BiOp EIR and Hearing on Petition (unsuccessful – petition denied)
May 2007 - Completion of Quiota Creek Watershed Draft Report
July 2007 - Submittal of 2007 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
July 2007 - SWRCB Revised Draft EIR on Cachuma Operation
September 2007 - Preliminary Design of El Jaro Cross Creek Fish Passage
September 2007 - Completion of Various AMC Reports to meet BiOp Terms & Conditions

WY2008 (October 2007 – September 2008)

December 2007 - Submitted to NMFS the 2006 Fish Passage Supplementation Report
December 2007 - Final Design of El Jaro San Julian Fish Passage
Oct-Dec 2007 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2008 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2008 - Completion of Year 4 Cachuma Oak Tree Restoration Program (375 oak trees planted)
January 2008 - Lake Cachuma Spilled
March 2008 - Draft Ramp-Down after Spill Protocol
April 2008 - Agreement with County to Surcharge Lake Cachuma up to 3.0 feet
June 2008 - Summer 2008 LSYR Fish Management Plan Newsletter
July 2008 - Construction of El Jaro San Julian Fish Passage Project**
August 2008 - NMFS Draft Recovery Plan Outline for Southern Steelhead
August 2008 - Completion of the Santa Ynez River Genetics Analysis (NOAA Research Lab at UCSC)

September 2008 - Draft Resource Management Plan EIS for Cachuma Recreation Area

WY2009 (October 2008 – September 2009)

March 2009 - Completion of El Jaro San Julian Fish Passage Project**
October 2008 - Construction of the Quiota Creek Fish Passage Bottomless Arched-Culvert at Crossing 6**
December 2008 - Completion of Draft 1993-2004 Santa Ynez River Fisheries Synthesis Report
Oct-Dec 2008 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2009 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2009 - Completion of Year 5 Cachuma Oak Tree Restoration Program (375 oak trees planted)
January 2009 - Submittal of 2007 WR 89-18 Release Monitoring Report (RPM 6 - BiOp) to USBR and NMFS
February 2009 - Completion of Management Report for Santa Ynez River Genetics Analysis
March 2009 - Completion of El Jaro San Julian Fish Passage Project**
March 2009 - Completion of the Quiota Creek Fish Passage Bottomless Arched-Culvert at Crossing 6**
August 2009 - Construction of Cross Creek Ranch Fish Passage Enhancement Project on El Jaro Creek
August 2009 - Negotiations of Conservation Easements on Salsipuedes and El Jaro Creeks
September 2009 - Completion of Various AMC Reports to meet BiOp Terms & Conditions

WY2010 (October 2009 – September 2010)

November 2009 - Completion of Cross Creek Ranch Fish Passage Enhancement Project on El Jaro Creek**
Oct-Dec 2009 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2010 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2010 - Completion of Year 6 Cachuma Oak Tree Restoration Program (375 oak trees planted)
February 2010 - Conducted passage supplementation during two storms
April 2010 - Completion of the Surcharge Operations Protocol
July 2010 - Submittal of 2010 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
May 2010 - Completion of the 1.5 cfs Target Flow Operations Guidelines at Alisal Bridge
June 2010 - Submitted to NMFS the 2010 Fish Passage Supplementation Report

WY2011 (October 2010 – September 2011)

Oct-Dec 2010 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2011 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2011 - Completion of Year 7 of Cachuma Oak Tree Restoration Program (379 oak trees planted)
January 2011 - Submitted to NMFS the BiOp Compliance Binder
March 2011 - Winter 2011 LSYR Fish Management Plan Newsletter
March 2011 - Lake Cachuma Spilled
May 2011 - Submittal of the 2008 Annual Monitoring Report and Trend Analysis for 2005-2008
June 2011 - Completion of the Hilton Creek Channel Enhancement Study
June 2011 - Submitted Compliance Report on Target Flows at Hwy 154 Bridge
August 2011 - Summer 2011 LSYR Fish Management Plan Newsletter
August 2011 - Construction of a Fish Passage Project at Crossing 2 on Quiota Creek**

WY2012 (October 2011 – September 2012)

Oct-Dec 2011 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2012 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2012 - Completion of Year 8 of Cachuma Oak Tree Restoration Program (377 oak trees planted)
November 2011 - Completion of a Fish Passage Project at Crossing 2 on Quiota Creek**
March 2012 - Submittal of the 2009 Annual Monitoring Report
March 2012 - Submittal of 2010 WR 89-18 Release Monitoring Report (RPM 6 - BiOp) to USBR and NMFS
May 2012 - Submitted Compliance Report on Target Flows at Hwy 154 Bridge
June 2012 - Submitted Guidance Document on Target Flows at Alisal Bridge
September 2012 - Construction of a Fish Passage Project at Crossing 7 on Quiota Creek**

WY2013 (October 2012 – September 2013)

Oct-Dec 2012 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2013 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2011 - Completion of Year 9 of Cachuma Oak Tree Restoration Program
November 2012 - Completion of a Fish Passage Project at Crossing 7 on Quiota Creek**
March 2013 - Preliminary Design of Quiota Creek Crossing 0 Project
March 2013 - Preliminary Design of Quiota Creek Crossing 3 Project
June 2013 - Submittal of 2013 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
Sept-Dec 2013- Construction of a Fish Passage Project at Crossing 1 on Quiota Creek**
June 2013 - Submittal of the 2011 Annual Monitoring Report (sent to NMFS 3/20/14)

WY2014 (October 2013 – September 2014)

Oct-Dec 2013 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2014 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2014 - Completion of Year 10 of Cachuma Oak Tree Restoration Program
December 2013 - Completion of a Fish Passage Project at Crossing 1 on Quiota Creek**
March 2014 - Submittal of CDFW/FRGP Grant for Quiota Creek Crossing 0 Project
March 2014 - Submittal of CDFW/FRGP Grant for Quiota Creek Crossing 3 Project
June 2014 - Submittal of 2014 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
August 2014 - Submittal of 2013 WR 89-18 Release Monitoring Report (RPM 6, BiOp) to USBR and NMFS

WY2015 (October 2014 – September 2015)

Oct-Dec 2014 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2015 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2015 - Completion of Year 11 of Cachuma Oak Tree Restoration Program (909 oak trees planted)
March 2015 - Submittal of CDFW/FRGP Grant for Quiota Creek Crossing 4 Project
April 2016 - Submittal of 2014 WR 89-18 Release Monitoring Report (RPM 6, BiOp) to USBR and NMFS
June 2015 - Submittal of the 2012 Annual Monitoring Report for review
June 2015 - Submittal of 2015 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
September 2015 - Construction of a Fish Passage Project at Crossing 3 on Quiota Creek**

WY2016 (October 2015 – September 2016)

Oct-Dec 2015 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2016 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2016 - Completion of Year 12 of Cachuma Oak Tree Restoration Program (824 oak trees planted)
January 2016 - Completion of a Fish Passage Project at Crossing 3 on Quiota Creek
January 2016 - Submittal of the WY2016 Migrant Trapping Plan to USBR and NMFS
February 2016 - Submittal of the 2012 Annual Monitoring Report to NMFS
March 2016 - Submittal of CDFW/FRGP Grant for Quiota Creek Crossing 5 Project
March 2016 - Submittal of 2015 WR 89-18 Release Monitoring Report (RPM 6, BiOp) to USBR and NMFS
April 2016 - Submittal of the 2013 Annual Monitoring Report for review
June 2016 - Submittal of CalTrans Grant for Quiota Creek Crossing 8 Project
June 2016 - Submittal of 2016 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
September 2016 - Construction of a Fish Passage Project at Crossing 0A on Quiota Creek**
September 2016 - Construction of a Fish Passage Project at Crossing 4 on Quiota Creek**

WY2017 (October 2016 – September 2017)

Oct-Dec 2016 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2017 - Maintenance of the Cachuma Oak Tree Restoration Program
January 2017 - Completion of Year 13 of Cachuma Oak Tree Restoration Program (301 oak trees planted)
October 2016 - Submittal of 2016 WR 89-18 Release Monitoring Report (RPM 6, BiOp) to USBR and NMFS
December 2016 - Completion of a Fish Passage Project at Crossing 0A on Quiota Creek

December 2016 - Completion of a Fish Passage Project at Crossing 4 on Quiota Creek
 March 2017 – Submittal of the WY2017 Migrant Trapping Plan to USBR and NMFS
 May 2017 - Submittal of CDFW/FRGP Grant for Quiota Creek Crossing 9 Project
 June 2017 - Submittal of 2017 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
 September 2017 - Submittal of the 2014 Annual Monitoring Report for review

WY2018 (October 2017 – September 2018)

Oct-Dec 2017 - Maintenance of the Cachuma Oak Tree Restoration Program
 Jan-Sept 2018 - Maintenance of the Cachuma Oak Tree Restoration Program
 January 2018 - Completion of Year 14 of Cachuma Oak Tree Restoration Program
 January 2018 – Submitted the WY2018 Migrant Trapping Plan to USBR and NMFS
 February 2018 – Hilton Creek gravel augmentation, completion of first of two years
 March 2017 - Submittal of CDFW/FRGP Grant for Quiota Creek Crossing 8 Project
 April 2018 - Submittal the WY2014 Annual Monitoring Summary and Report
 May 2018 - Submittal of the WY2015 Annual Monitoring Summary and Report for review
 June 2018 - Submittal of the WY2016 Annual Monitoring Summary and Report for review
 July 2018 - Submittal of 2018 WR 89-18 Release Monitoring Plan (BiOp Term & Condition)
 August 2018 – Submittal of 2017 WR 89-18 Release Monitoring Report (RPM 6) to USBR and NMFS
 August 2018 - Construction of a Fish Passage Project at Crossing 5 on Quiota Creek**
 September 2018 - Construction of a Fish Passage Project at Crossing 9 on Quiota Creek**

WY2019 (October 2018 – September 2019)

Oct-Dec 2018 - Maintenance of the Cachuma Oak Tree Restoration Program
 Jan-Sept 2019 - Maintenance of the Cachuma Oak Tree Restoration Program
 January 2019 - Completion of Year 15 of Cachuma Oak Tree Restoration Program (300 oak trees planted)
 October 2018 – Submittal the WY2018 Annual Monitoring Summary and Report to USBR and NMFS
 November 2018 – Hilton Creek gravel augmentation, completion of the second of two years
 December 2018 – Awarded a CDFW/FRGP Grant for the Quiota Creek Crossing 8 Project
 December 2018 – Completion of the Fish Passage Project at Crossing 5 on Quiota Creek**
 December 2018 – Completion of the Fish Passage Project at Crossing 9 on Quiota Creek**
 January 2019 - Submitted the WY2019 Migrant Trapping Plan to USBR and NMFS
 January 2019 - Submittal of 2018 WR 89-18 Release Monitoring Report (RPM 6) to USBR and NMFS
 February and March 2019 - Conducted passage supplementation during three storms
 April 2019 - Submittal of the WY2016 Annual Monitoring Summary and Report to USBR and NMFS
 May 2019 - Submittal of the WY2017 Annual Monitoring Summary and Report for review
 June 2019 - Submittal of the WY2017 Annual Monitoring Summary and Report to USBR and NMFS
 September 2019- Submittal of the WY2018 Annual Monitoring Summary and Report for review
 September 2019- Submittal of the WY2018 Annual Monitoring Summary and Report to USBR and NMFS

WY2020 (October 2019 – September 2020)

Oct-Dec 2019 - Maintenance of the Cachuma Oak Tree Restoration Program
 Jan-Sept 2020 - Maintenance of the Cachuma Oak Tree Restoration Program
 January 2020 - Completion of Year 16 of Cachuma Oak Tree Restoration Program (311 oak trees planted)
 December 2019 - Submittal the WY2019 Annual Monitoring Summary and Report for review
 December 2019 - Completion of the Fish Passage Project at Crossing 8 on Quiota Creek**
 January 2020 - Submittal of the WY2019 Annual Monitoring Summary and Report to USBR and NMFS
 January 2020 – Submitted of the WY2020 Migrant Trapping Plan to USBR and NMFS
 January 2020 – Co-authored and published a paper in the California Fish and Wildlife Journal 106(1) entitled
 “Occurrences of Steelhead Trout (*Oncorhynchus mykiss*) in southern California, 1994-2018”.
 February 2020 - Submittal of NFWF Grant for the South Side Erosion Control Project at QC Crossing 8
 March 2020 - Award of NFWF Grant for the South Side Erosion Control Project at QC Crossing 8
 April 2020 - Conducted passage supplementation during one storm with a supplemental pulse flow release

April 2020 - Submittal of the WY2019 Fish Passage Supplementation Report to USBR and NMFS
June and July 2020 – Collaborated with CDFW to successfully conduct fish rescues in the Narrows and upper Refugio Reaches
August 2020 - Submittal of 2020 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
September 2020 - Completion of the South Side Erosion Control Project at QC Crossing 8
September 2020- Submittal of the WY2020 Fish Passage Supplementation Report to USBR and NMFS

WY2021 (October 2020 – September 2021)

Oct-Dec 2020 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2021 - Maintenance of the Cachuma Oak Tree Restoration Program
December 2020 – Submitted of the WY2021 Migrant Trapping Plan to USBR and NMFS
January 2021 - Completion of Year 17 of Cachuma Oak Tree Restoration Program (325 oak trees planted)
January 2021 - Submittal of the WY2020 Annual Monitoring Summary and Report for review
February 2021 - Submittal of the WY2020 Annual Monitoring Summary and Report to USBR and NMFS
February 2021 - Submitted of 2020 WR 89-18 Release Monitoring Report (RPM 6) to USBR and NMFS
May 2021 – Collaborated with CDFW to successfully conduct fish rescues in the upper Refugio Reach
July 2021 - Submittal of 2021 WR 89-18 Releases Monitoring Plan (BiOp, RPM 6) to USBR and NMFS

WY2022 (October 2021 – September 2022) (dates after June are projected)

Oct-Dec 2021 - Maintenance of the Cachuma Oak Tree Restoration Program
Jan-Sept 2022 - Maintenance of the Cachuma Oak Tree Restoration Program
December 2021 - Submittal of the 2021 WR 89-18 Release Monitoring Report (RPM 6) to USBR and NMFS
December 2021 - Submittal of the WY2022 Migrant Trapping Plan to USBR and NMFS
January 2022 - Submittal of the WY2021 Annual Monitoring Summary and Report for review
February 2022 - Completion of Year 17 Cachuma Oak Tree Restoration Program (384 oak trees planted)
February 2022 - Obtained equipment to conduct PIT tag monitoring in association with the migrant trapping effort at Hilton Creek
March 2022 - Submittal of the WY2021 Annual Monitoring Summary and Report to USBR and NMFS
June 2022 - Submittal of the 2022 WR 89-18 Release Monitoring Plan (RPM 6, BiOp) to USBR and NMFS
November 2022 – Submittal of the 2022 WR 89-18 Release Monitoring Report (RPM 6) to USBR and NMFS
December 2022 - Submittal of the WY2022 Annual Monitoring Summary and Report for review

* Funded from Federal Safety of Dams Program for Bradbury Dam Seismic Retrofit.

** Full or partial grants were/are in place for these projects.

FIVE YEAR PLAN WY2023 TO WY2027

The Funds Committee, with suggestions from the Advisory Committee, develops a long-term or Five-Year Plan for use of the revenues from both the Trust Fund and Renewal Fund. The Five-Year Plan is a dynamic document that is updated annually to reflect revised projected work as projects and monitoring efforts are added that directly benefit the Cachuma Project, the LSYR Fisheries Program, and other obligations of the Cachuma Member Units on behalf of Reclamation. These projected activities are called for in the Cachuma Project Biological Opinion (BiOp) and further described in the LSYR Fish Management Plan (FMP). Projected annual revenues are calculated based on an inverse relationship between the two funds stemming from fees charged for State water deliveries into Lake Cachuma, and have historically ranged from a minimum of \$257,100 to a maximum of \$620,361. The Five-Year Plan is a long-term, forward thinking, planning tool which coordinates the use of Trust and Renewal fund revenues according to their intended uses as outlined in this plan.

Table 4 summarizes activities and expenditures based on actual revenues available for WY2023 and projected revenues and expenses for WY2024-27. Expenditures for environmental restoration efforts include implementation of the Oak Tree Restoration Program, restoration of riparian and other habitat of the Santa Ynez River and its watershed, including (without limitation), restoration of rare, threatened or endangered species, fish habitat or populations, and plant and animal habitat.

Expenditures related to fulfill regulatory requirements as set forth in the Biological Opinion and SWRCB Orders include implementation of ongoing studies along the Santa Ynez River, monitoring and recording changing conditions, genetic analysis, long-term monitoring program, snorkel and redd surveys, trapping activities, and reporting compliance.

A large concern evolving from the recent wildfires in and around the lake is protection of the Cachuma Project watershed (erosion control and lake water quality and sedimentation) across the entire Santa Ynez River watershed which is of particular concern for the *O. mykiss* fishery below Lake Cachuma and water supply in general. These expenditures would be for Cachuma Project betterment.

Year 1 activities are developed in more detail in the WY2023 Annual Plan (Table 4) below because these expenditures are specifically included in the COMB budget for Fiscal Year 2022-23 (July 1, 2022 through June 30, 2023). In Years 1, 2, and 3 (WY2023 and WY2024), the Oak Tree Restoration program will continue maintenance of the trees planted during the previous 17 years, and may replace dead oak trees in the late fall of each year. The Biological Opinion and SWRCB Orders compliance activities will continue with the longstanding monitoring, analysis, reporting and outreach efforts. Cachuma Project betterment (watershed protection in the case of WY2019) across the Santa Ynez River basin will also be addressed. During the remaining years (WY2024-WY2027), a similar level of effort for the estimated use of the funds is outlined in the table.

Table 4: The Five-Year Plan (WY 2023-2027)*

Year 1: WY2023 (October 2022 - September 2023)		
Funds Available (\$118,293 plus \$29,122.94 carryover from last year):		\$147,416
Expenditures:		
Environmental Restoration		\$25,000
Oak Tree Restoration Program	\$25,000	
Regulatory Requirements		\$43,293
Monitoring, Analyses and Reporting	\$28,293	
Genetic Analyses	\$15,000	
Cachuma Project Betterment		\$79,123
		\$147,416
Year 2: WY2024 (October 2023 - September 2024)		
Estimated Funds Available:		\$300,000
Possible Expenditures:		
Environmental Restoration		\$25,000
Oak Tree Restoration Program	\$25,000	
Regulatory Requirements		\$225,000
Monitoring, Analyses and Reporting	\$210,000	
Genetic Analyses	\$15,000	
Cachuma Project Betterment		\$50,000
		\$300,000
Year 3: WY2025 (October 2024 - September 2025)		
Estimated Funds Available:		\$300,000
Possible Expenditures:		
Environmental Restoration		\$25,000
Oak Tree Restoration Program	\$25,000	
Regulatory Requirements		\$225,000
Monitoring, Analyses and Reporting	\$210,000	
Genetic Analyses	\$15,000	
Cachuma Project Betterment		\$50,000
		\$300,000
Year 4: WY2026 (October 2025 - September 2026)		
Estimated Funds Available:		\$300,000
Possible Expenditures:		
Environmental Restoration		\$15,000
Oak Tree Restoration Program	\$15,000	
Regulatory Requirements		\$235,000
Monitoring, Analyses and Reporting	\$220,000	
Genetic Analyses	\$15,000	
Cachuma Project Betterment		\$50,000
		\$300,000
Year 5: WY2027 (October 2026 - September 2027)		
Estimated Funds Available:		\$300,000
Possible Expenditures:		
Environmental Restoration		\$15,000
Oak Tree Restoration Program	\$15,000	
Regulatory Requirements		\$235,000
Monitoring, Analyses and Reporting	\$220,000	
Genetic Analyses	\$15,000	
Cachuma Project Betterment		\$50,000
		\$300,000
* Estimated available carryover funds from the previous water year - \$0.		
** For project operating expenses, construction match, and design and technical support.		

**ANNUAL PLAN
WY2023**

Table 5 lists the activities in the WY2023 Annual Plan that will be funded through the Trust Fund and Renewal Fund revenues. The 2000 Cachuma Project Biological Opinion (BiOp) and associated LSYR Fish Management Plan (FMP) and the SWRCB Orders provide guidance on likely activities or projects for the use of the Trust Fund and Renewal Fund revenues. Even though some of the habitat restoration projects will be grant funded, the sum of these activities is still greater than the funding available from the Trust Fund and Renewal Fund. Tasks listed take into consideration restricted usage of the two Funds as stated in the Cachuma Project Warren Act Contract and Cachuma Project Renewal Master Contract, plus activities funded by the Santa Barbara County Water Agency Cachuma Betterment Fund. All Biological Opinion compliance work includes required monitoring, analyses and reporting.

Table 5: The Annual Plan for WY2023.

2023 Revenues:		
Trust Fund (CY2021)	\$118,293	
Renewal Fund (WY2023)	\$0	
Carryover from last year	\$29,123	
Total Funds Available:		\$147,416
2023 Expenditures:		
Environmental Restoration		\$25,000
Oak Tree Restoration Program	\$25,000	
Regulatory Requirements		\$43,293
Monitoring, Analyses and Reporting	\$28,293	
Genetic Analyses	\$15,000	
Cachuma Project Betterment		\$79,123
Total Expenditures:		\$147,416

The Biological Opinion and SWRCB Orders compliance implementation program of work encompasses a wide range of field and analytical activities to comply with the 15 Reasonable and Prudent Measures outlined in the 2000 Cachuma Project BiOp and the monitoring plan described in the 2000 Biological Assessment and FMP. These efforts include monitoring steelhead migration throughout the LSYR basin, dry-season snorkel surveys, redd surveys, habitat mapping, water quality monitoring, GIS database development, beaver dam monitoring, stream discharge measurements, integrated multivariate database development, report writing, and public outreach.

The Oak Tree Restoration Program is a multi-year planting and maintenance effort to replace oak tree losses around Cachuma Reservoir due to saturation and inundation of trees near the shore resulting from the fish conservation surcharge pool. The program will continue until the mitigation ratio of 2:1 (planted to lost) has been accomplished after 20 years in 2025. From there on out, annual general maintenance will be needed.

Wild fires are a continuous concern throughout the Santa Ynez River watershed and along the South Coast. Funds for Cachuma Project Betterment (per Section 5e of the Warren Act MOU) have been dedicated to watershed protection activities (erosion control and Lake Cachuma water quality and

sedimentation). Tasks include but are not limited to prevention of erosion, facility protection from stormflow debris, water quality monitoring, and measures for improvement of general lake water quality. This effort will be of benefit to the *O. mykiss* fishery within the management area as well as water supply.

BETTERMENT FUND

For reference only, the Santa Barbara Water Agency shall provide \$100,000 per year into the Cachuma Betterment Fund that must be used for Cachuma Project related activities as specified in the 1996 Cachuma Project Member Unit Contracts between the County of Santa Barbara Water Agency and the Cachuma Project Member Units. The Cachuma Project Member Units and the Water Agency must mutually agree on the use of these funds. Representatives of the Betterment Fund convene an annual meeting not in association with the Trust and Renewal Funds annual meeting. Usage of the Betterment Funds since WY2012 and proposed usage in WY2022 are presented in Table 6. COMB has an annual contract with the U. S. Geological Survey (USGS) to perform the required stream gauging and water quality monitoring.

Table 6: Betterment Fund usage since Santa Barbara County Fiscal Year (FY) 2012 (7/1/11-6/30/12) and proposed usage in FY 2023 (7/1/22-6/30/23).

FY2012 (July 2011 - June 2012)		
Carryover from WY2011:		\$0
COMB USGS Santa Ynez River Gauging Program		\$75,000
BiOp and FMP Implementation Activities		\$15,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2013 (July 2012 - June 2013)		
Carryover from WY2012:		\$0
COMB USGS Santa Ynez River Gauging Program		\$75,000
BiOp and FMP Implementation Activities		\$15,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2014 (July 2013 - June 2014)		
Carryover from WY2013:		\$0
COMB USGS Santa Ynez River Gauging Program		\$75,000
BiOp and FMP Implementation Activities		\$15,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2015 (July 2014 - June 2015)		
Carryover from WY2014:		\$0
Possible Expenditures:		
COMB USGS Santa Ynez River Gauging Program		\$75,000
BiOp and FMP Implementation Activities		\$15,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2016 (July 2015 - June 2016)		
Carryover from WY2015:		\$0
Possible Expenditures:		
COMB USGS Santa Ynez River Gauging Program		\$75,000
BiOp and FMP Implementation Activities		\$15,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000

FY2017 (July 2016 - June 2017)		
Carryover from WY2016:		\$0
Possible Expenditures:		
COMB USGS Santa Ynez River Gauging Program		\$75,000
BiOp and FMP Implementation Activities		\$15,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2018 (July 2017 - June 2018)		
Carryover from WY2017:		\$0
Possible Expenditures:		
COMB USGS Santa Ynez River Gauging Program		\$90,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2019 (July 2018 - June 2019)		
Carryover from WY2018:		\$0
Possible Expenditures:		
COMB USGS Santa Ynez River Gauging Program		\$90,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2020 (July 2019 - June 2020)		
Carryover from WY2019:		\$0
Possible Expenditures:		
COMB USGS Santa Ynez River Gauging Program		\$90,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2021 (July 2020 - June 2021)		
Carryover from WY2020:		\$0
Possible Expenditures:		
COMB USGS Santa Ynez River Gauging Program		\$90,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2022 (July 2021 - June 2022)		
Carryover from WY2021:		\$0
Possible Expenditures:		
COMB USGS Santa Ynez River Gauging Program		\$90,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$10,000
		\$100,000
FY2023 (July 2022 - June 2023)		
Carryover from WY2022:		\$0
Possible Expenditures:		
COMB USGS Santa Ynez River Gauging Program		\$100,000
Santa Barbara County USGS Santa Ynez River Gauging Program		\$0
		\$100,000



Santa Barbara County Public Works Department

Flood Control ♦ Water Agency ♦ Project Clean Water
130 E. Victoria Street, Suite 200, Santa Barbara, CA 93101
PH (805) 568-3440 FAX (805) 568-3434
<http://cosb.countyofsb.org/pwd/water>

SCOTT D. MCGOLPIN
Director

WALTER RUBALCAVA
Deputy Director

December 14, 2022

Janet Gingras, General Manager
Cachuma Operation and Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105

RE: Expenditure of County Water Agency's Cachuma Project Betterment Fund \$100,000
Annual Contribution for Fiscal Year 2022-2023

Dear Ms. Gingras,

At the public meeting held on November 30 regarding the County Water Agency's \$100,000 Cachuma Betterment Fund, the Cachuma Operation and Maintenance Board (COMB), acting on behalf of the Cachuma Member Units, and the County Water Agency agreed that the funds should be allocated toward the following activities for Fiscal Year 2022-23:

COMB USGS Santa Ynez River Gauging Program	\$100,000
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COMB will recommend approval of the program expenditures at the Board of Directors meeting on December 19th. The Water Agency's FY 22-23 budget adopted by the Board of Supervisors on June 14th, 2022 included the Betterment Funds.

Regards,

A handwritten signature in blue ink, appearing to read "Matt Young", is written over a light blue horizontal line.

Matt Young
Water Agency Manager

cc: Edward Lyons, Cachuma Operation and Maintenance Board
Tim Robinson, Cachuma Operation and Maintenance Board

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 2022
Submitted by:	Joel Degner
Approved by:	Janet Gingras

SUBJECT: Lake Cachuma Emergency Pumping Facility Secured Pipeline Project - Status Report

RECOMMENDATION:

The Board receive and file a status report on the Lake Cachuma Emergency Pumping Facility Secured Pipeline Project.

SUMMARY:

Project Description: This project is the installation of a water pipeline secured to the bottom of Lake Cachuma (lake) that will connect to the Tecolote Tunnel Intake Tower (intake tower) located on the south side and towards the eastern end of the lake. The intake tower normally operates as part of a gravity-fed system to provide water to COMB's Member Agencies. During drought conditions, water levels can fall below the lowest operational drafting gate, which then requires the installation of the pipeline and floating pumping system to maintain deliveries. The project involves securing the pipeline to the bottom of the lake from the intake tower to Site 1 (approximately 3,600 linear feet) with pre-cast concrete anchor weights and installing an intake screen at the lake terminus of the pipeline at the same elevation as Gate 5 on the intake tower (660 to 664 feet) to be used under normal operations. During severe droughts a floating pump system would be installed and connected to the secured pipeline. All funding for the project has been secured through a Bureau of Reclamation Drought Resiliency Project grant (\$750,000), a DWR Urban and Multi-benefit Drought Relief Program grant (\$2,250,000), and through COMB's Member Agency budget assessments (\$1,752,000). The funding and project were accepted and adopted by the COMB Board through Resolution No. 751 on May 23, 2022. The resolution was ratified by all of COMB's Member Agencies in June 2022. COMB issued a construction contract to the lowest responsive and responsible bidding contractor, Cushman Contracting Corporation. The Bureau of Reclamation has provided COMB with an MP-620 permit for design modifications of the Cachuma Project. All permits for the project have been secured. COMB contracted with Flowers and Associates, Inc. to provide construction management services during construction and Makai Ocean Engineering to provide design support during construction.

Project Location: The project is located in Lake Cachuma on lands owned by the Bureau of Reclamation for the Cachuma Project. The project will start from the Tecolote Tunnel Intake Tower which is located mid-reservoir and extend 3,600 feet to the west.

Contractor: Cushman Contracting Corporation (CCC) is the construction contractor who was awarded the competitive bid for \$4,158,035 and was issued a Notice to Proceed on August 15, 2022.

Design Engineer: Makai Ocean Engineering, Inc.

Construction Management Services: Flowers and Associates, Inc.

COMB Engineer: Joel Degner, P.E.

Project Status and Timetable (as of Board Meeting Date):

Status	Time
Notice to Proceed	8/15/2022
Construction Start	9/6/2022
Contract Time (WD*)	120
Completion Date	2/9/2022
Elapsed Time (WD* to Board Mtg)	83
Remaining Time (WDs to complete all work)	37
Time Elapsed (WD) to Date (%)	69%

*WD: Working Days

Work Performed to Date: All permits were obtained and all initial biological surveys were completed for the project and submitted to the regulatory agencies. Submittals for the project components have been provided by Cushman and reviewed by Makai, Flowers, and COMB. All project components have been manufactured and delivered to the site. CCC has mobilized to the Boat Ramp 3 parking area (which was previously utilized in the last EPFP deployment). CCC constructed two working barges and launched from the Boat Ramp 3 parking area. One crane work barge and one additional work barge will allow for dredging, pipe tow, concrete weight transport, pile guide template attachment point, transport/driving of piles, and other deployment support. All 36" HPDE pipeline segments have been delivered on site (81 - 50' lengths of pipe have been delivered). Concrete anchor fabrication was initiated following the completion and verification of a prototype. All 162 concrete anchors manufactured by Universal Precast Concrete have been delivered onsite. The rebar and concrete was inspected on site in Redding, CA by Materials Testing, Inc./KC Engineering Company and Flowers and Associates. CCC installed a silt screen around the active drafting gate of the intake tower. Dredging around the tower has been completed. There were no issues with water quality related to the dredging activities near the tower. The Gate 5 intake box has been removed and 100 feet of existing HDPE pipeline has been removed. Careful and routine collaboration and communication with the water treatment operators occurred during the dredging. Initial pile driving and load testing occurred in two locations. Pipeline fusion was initiated in early November and completed in early December. All the weights have been installed on the pipeline and the pipeline has been towed into its final alignment. COMB and Flowers and Associates staff have been overseeing all phases of construction. Makai Ocean Engineering has been providing design support by reviewing submittals and requests for information. Photos of the current construction efforts are provided as exhibits.

Work Projected for Next Month: Pipeline deployment to the bottom is planned for mid-December. Following the deployment to the bottom the holdfast piles and intake screen piles will be driven and the intake screen installed and final connections made. The overall project

FINANCIAL IMPACT:

The COMB FY 2022-23 budget provides \$4,400,000 for the Secured Pipeline Project for this fiscal year of which \$3,000,000 will be offset by grant funding. A summary of the revenues and expenditures are presented below in Table 2. There has been one change order completed which covered the refurbishment of the Gate 5 intake box, addition of 4 flanges for operational flexibility, and compression block procurement expediting. The net increase in cost to for the change order and compression block procurement is \$77,771. Overall, 74.2% of the budget has been expended. Reclamation has provided \$743,000 grant funding for the Drought Resiliency Project Grant.

LEGAL CONCURRENCE:

COMB legal counsel has reviewed all contract documents related to the project.

ENVIRONMENTAL COMPLIANCE:

All permits have been obtained and are being followed.

LIST OF EXHIBITS:

Table 1: Estimated project cost and available funds for the project.

	FY 2021-2022	FY 2022-2023	Total
Revenues			
Bureau of Reclamation Drought Resiliency Grant		\$750,000	\$750,000
DWR Urban Multi-Benefit Grant		\$2,250,000	\$2,250,000
Budget Assessments*	\$352,000	\$1,400,000	\$1,752,000
Total	\$352,000	\$4,400,000	\$4,752,000
Expenditures			
CCC Construction	\$154,560	\$4,003,475	\$4,235,806
Flowers and Associates Construction Management	\$6,806	\$123,525	\$130,330
Makai Ocean Engineering Design Support	\$88,000	\$90,000	\$178,000
EPFP Storage Costs	\$42,000	\$42,000	\$84,000
Operating Expenses (permits, inspections, surveys)	\$39,798	\$50,000	\$89,798
Total	\$331,163	\$4,309,000	\$4,717,934
Differential	\$20,837	\$91,001	\$34,066

Table 2: Expenditures to date for the project.

Estimated Project Costs/Available Funds*	\$4,731,163		
Total Expenditures to Date	FY 2021-2022	FY 2022-2023	Total
CCC Construction	\$154,560	\$2,100,882	\$3,192,144
Flowers and Associates Construction Management	\$6,806	\$85,896	\$92,702
Makai Ocean Engineering Design Support	\$88,000	\$38,466	\$126,466
EPFP Storage Costs	\$42,000	\$17,500	\$59,500
Operating Expenses (permits, inspections, surveys)	\$39,798	\$15,898	\$55,696
Total	\$331,163	\$2,258,642	\$3,526,508
Summary:			
% Expenditures through 10/31/22	74.2%		
Funds Remaining (Est. Costs minus Total Expenditures)*	\$1,204,655		

*Available Funds remaining were reduced by FY 2021-2022 differential as COMB Board has not approved the carryover FY 2021-22 funds.

Figure 1: a) 36" HDPE pipe delivered to boat ramp staging area; b,c) construction of Flexifloat working barges; d) concrete anchor weights form; e) concrete anchor weight prototype.

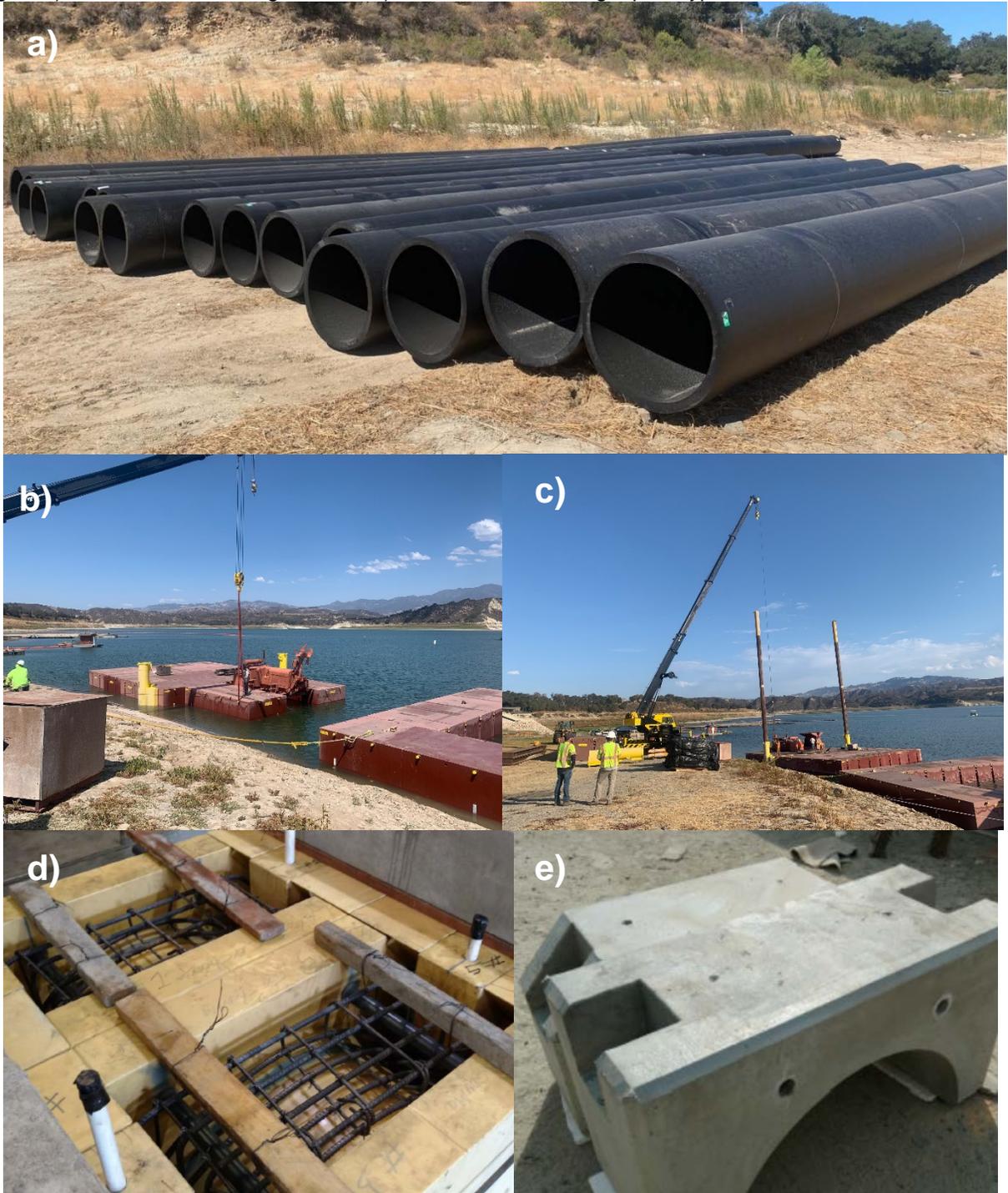


Figure 2: a) work barge dredging around the intake tower (J.Waller); b) clamshell bucket utilized for dredging around the berm and around the intake tower; c) airlift utilized for finer scale dredging around the intake box.



Figure 3: a) HDPE pipeline sections delivered onsite; b) concrete anchor weights delivered on site; c) wedge wire intake screen with mechanical cleaning system; d) propeller to driver the brush to clean the screen automatically; e) lateral tee for barge connection pipe; f) elbow to attach to intake screen; g) anchor weight fasteners and compression blocks.

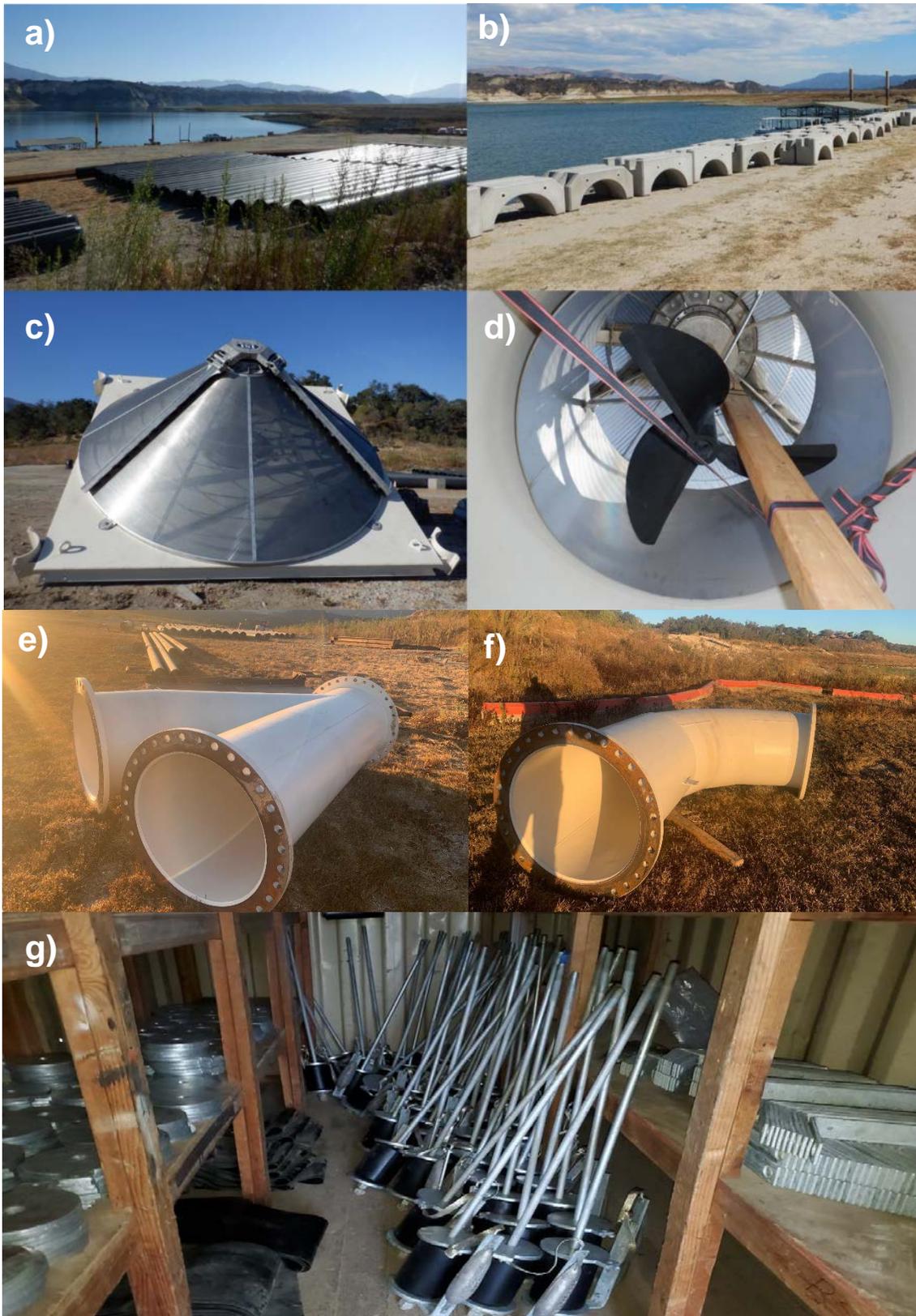


Figure 4: a) HDPE pipeline being fused, concrete weights installed, and being pushed out into the water; b) concrete anchor weights installed on pipeline



Figure 5: a) holdfast installed on end of pipeline; b) 36" by 14" reducing tee for check valve; c) lateral tee installed; d) fully assembled pipeline being towed into position by working barge.





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.”

December 19, 2022

General Manager Report

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

Administration

- **Association of California Water Agencies (ACWA) Presidents Special Recognition Award**

Each year at the Fall Conference hosted by ACWA, the JPIA recognizes members that have a loss ratio of 20% or less in the Liability, Property, or Worker’s Compensation programs. The Member’s with this distinction receive the “President’s Special Recognition Award” certificate for each program in which they qualify. COMB received all three awards (attached) for achieving a low ratio of paid claims and case reserves in the Liability Program for the period of October 1, 2018 through September 30, 2021, and in the Property and Workers Compensation Programs for the period of July 1, 2018 through June 30, 2021. I would like to commend management and staff on this achievement in focusing on safety first protocols, hazard recognition, disaster avoidance and accident prevention as part of their everyday dedicated work activities. This is truly a remarkable achievement.

- **Fiscal Year 2023-24 Preliminary Budget Process Schedule**

Cachuma Operation & Maintenance Board

Preliminary Budget Process Schedule

Fiscal Year 2023-24

Deliverables	Jan	Feb	Mar	Apr	May	Jun
Updates to: Infrastructure Improvement Projects, Habitat Improvement Projects, Projected COMB Managed Revenues Projected General and Administrative Expenditures Projected Operating Expenditures	X	X				
FY 2023-24 Draft Budget Document Developed		X	X			
Draft Budget Internal Review Process			X			
Member Agency Review Process			X			
Administrative Committee Draft Budget Review				X		
Board Draft Budget Review				X		
Update Draft Budget - Prepare Final Budget				X		
Board Adopts Final Operating Budget					X	

Respectfully Submitted,

Janet Gingras
General Manager

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CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: December 19, 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

Two rain storms occurred in early December which resulted in approximately 500 acre-feet of inflow and 480 acre-feet of rainfall on the lake. These storms caused flow to occur in both the Santa Ynez River and at Santa Cruz Creek and Lake Cachuma rose 0.5 feet. For the water year, a total of 5.36 inches of rain occurred at Bradbury Dam and 9.46 inches occurred at Gibraltar Dam. The county rainfall to date is 172 percent of normal (as of 12/14/22). The climate prediction center forecasts that La Niña is expected to continue into the winter, with equal chances of La Niña and ENSO-neutral during January-March 2023. In February-April 2023, there is a 71% chance of ENSO-neutral. U.S. Drought Monitor re-classified the Santa Ynez River area from extreme drought to severe drought. The rainfall has decreased water demands in the short-term but additional rainfall is needed in the next several months to see a significant improvement in available water supplies.

LAKE ELEVATION PROJECTION

The elevation at Lake Cachuma is currently at 693.11' (31.5% capacity, 60,790 AF). Table 1 provides the modeling assumptions for three modeling scenarios (optimistic, realistic, and conservative). Figure 1 provides the lake elevation projection if dry conditions for water year 2022-23. In the conservative scenario the installation of the pumping facility would need to be approved by the Board in February 2023 for operation in July 2023. In the realistic scenario, the Board would need to approve the installation in March 2023 for operation in early September 2023. The contractor needs 120 days to install the pumping facility per the existing contract. The need to operate the pumping barge will likely coincide with the initiation of the downstream release in 2023.

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 (2023)	8,000 AF	10,000 AF	12,000 AF
WR 89-18 Release (2024)	5,000 AF	5,000 AF	5,000 AF

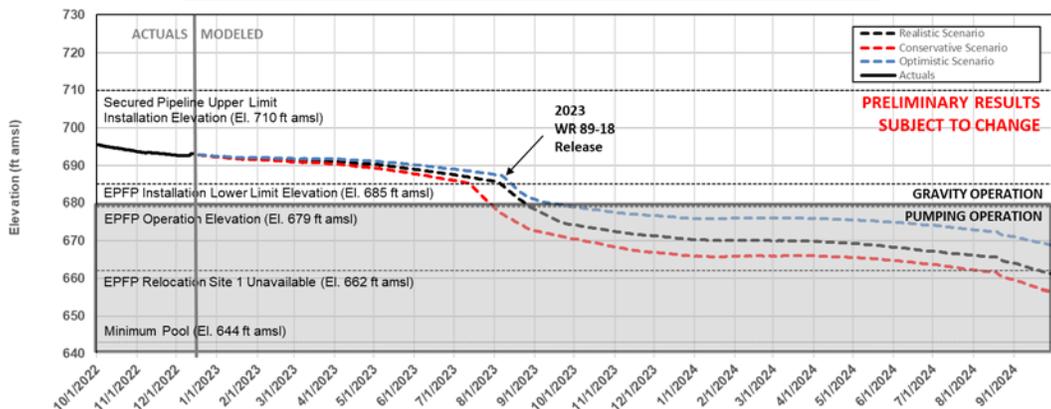


Figure 1. Projected Lake Elevations with Continued Dry Conditions

INFRASTRUCTURE IMPROVEMENT PROJECTS

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

Table 1. Fiscal Year 2022-2023 Infrastructure Improvement Projects

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
Infrastructure Improvement Projects			
SCC Line Valves for Shutdown	Contractor has been engaged to perform design on Lillingston Line valve and provided preliminary design exhibit for its proposed location to COMB. Potholing will be required to locate the joints on the SCC to finalize the design and locate other utilities.	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.	March to April 2023 - potentially could be postpone to Fall 2023.
SCC Structure Rehabilitation : Lower Reach Laterals	CVWD contractor successfully completed rehabilitated Laterals 1R,1L, 2R, 3L,4L in August and Laterals 17L and 19R in December. Laterals 5R and 6R will be completed as part of the SCC shutdown for the AVAR-BO project.	In order to facilitate shutdowns on the Lower Reach of the SCC, lateral valves need replacement. COMB is collaborating with CVWD on this project.	CVWD construction on Phase 1 will likely be completed in February 2023.
SCC Structure Rehabilitation : AVAR/BO Valves	The shutdown is tentatively scheduled for February/March 2023. Timing may need adjustment depending on constraints for CVWD to temporarily bypass to the laterals during the proposed shutdown.	The remaining structures to be rehabilitated are the most difficult access-wise (with several in Highway 192) and with difficult shutdowns to schedule in the Carpinteria area.	Shutdown and construction is planned for mid-February 2023.
Special Projects			
Emergency Pumping Facility - Secured Pipeline Project	The contractor completed fusing the HDPE Pipeline and installed all the anchor weights. Deployment (sinking) of the pipeline is tentatively planned for mid-December 2022.	The Secured Pipeline Project needs to be installed when the lake is between 690' and 710' in elevation. The lake elevation is projected to remain above 685' until Spring 2023. Installation of the EPF (floating pump station) is needed when the elevation is projected to fall below 685'.	Secured Pipeline is planned to be completed in February 2023 but is currently ahead of schedule and could be completed earlier. The Emergency Pumping Facility would need to be installed approved for installation in February/March timeframe for operation in July/August if dry conditions continue in Water Year 2023.
Lake Cachuma Water Quality and Sediment Management Study	COMB awarded the contract for the Phase 2 phosphorous/TOC source study in October 2022. A kickoff meeting was conducted in December and a work plan will be provided in February 2023 with sampling tentatively schedule for April 2023.	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 and FY 2023/24.

CACHUMA OPERATION AND MAINTENANCE BOARD

DATE: December 19, 2022
TO: Janet Gingras, General Manager
FROM: Shane King, Operations Supervisor

RE: MONTHLY REPORT OF OPERATIONS – November 2022

The total flow from Lake Cachuma into the Tecolote Tunnel for November was 1,065.31 acre-feet, for an average daily flow of 35.51 acre-feet. Lake elevation was 693.78 feet at the beginning of November and 692.72 feet at the end of November. Lake storage decreased by 1,523.04 acre-feet. There was 0.0 acre-feet of inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 46.05 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 202.39 acre-feet of water to Hilton Creek for the month of November.

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

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

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

Routine operation and maintenance completed during the month of November 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 76 USA Dig alerts
- Performed weekly inspections of major facilities, safety meetings, rodent bait (all reservoirs), toe drain and piezometer reads at Ortega (L23)
- Performed dam inspection and instrumentation reports (all reservoirs)
- Performed equipment and yard maintenance
- Performed monthly North Portal elevator maintenance with Otis
- Performed monthly water quality sampling
- Read and document anodes and rectifier data

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

- The slide gates #4 and #5 on the Intake tower were greased and exercised. The fish screen for gate #4 was pulled and cleaned.
- COMB staff has been continually and closely monitoring the secured pipeline work being conducted by Cushman Construction Company. Cushman spent multiple weeks fusing the HDPE pipe sections, attaching the anchor weights, and floating the pipe out onto the lake. They have also attached the necessary components such as the hold fasts, lateral tee, air vent, etc. The pipe has been moved into position where it will permanently reside. The connection to the tower, pile driving for the hold fasts, and pressure testing must be completed before the filling and sinking of the pipeline. (see photos)
- Staff visited all of COMB's sites for post storm checks. These sites include: Glen Anne site and reservoir, Lauro reservoir and valve pits, Sheffield valve pits, Ortega reservoir and valve pits, and Carpinteria reservoir and valve pits. It was found that valve pit #1 at Ortega reservoir had ~8 inches of standing water in it caused by a clogged storm drain. Staff cleared the drain line and cleaned out debris from the valve pit.
- COMB hired Tierra Contracting Inc. to complete the rehab work on two laterals on the south reach side of the South Coast Conduit. These two laterals include lateral 17 and lateral 19. Staff closely monitored the work done by Tierra contractors. Work completed at these locations are as follows:
 - Excavation of the valves, meter, and air vent.
 - Demo and removal of concrete structures
 - Hot tapping and installing a line-stop on the lateral piping
 - Demo and removal of lateral piping, old valves and meter
 - Install new valves, and air vent
 - Backfill excavated area and pour concrete pad for new AVAR and install AVAR cover
- COMB staff continues to work through the annual structure maintenance program. Staff is working on the maintenance on the upper section of the SCC (Glen Anne reservoir to Lauro reservoir). This work includes visiting each air vent, blow off, lateral, and meter structures and performing annual maintenance. Staff has visited ~20 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

Secured pipeline photos



Lateral rehab work



CACHUMA OPERATION AND MAINTENANCE BOARD
BOARD MEMORANDUM

DATE: December 19, 2022
TO: Janet Gingras, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- USBR is delivering 2000 Biological Opinion (BiOp) target flows to Hilton Creek partly by gravity through the Hilton Creek Emergency Backup System (HCEBS) and partly by pumped flow from the Hilton Creek Watering System (HCWS) to the Lower Release Point (LRP) and Upper Release Point (URP), respectively, which is sustaining the *O. mykiss* population in the creek. Currently, the lake is too low for gravity flow delivery through the HCWS. BiOp compliance releases to Hilton Creek are a minimum of 2 cfs. USBR has been delivering to the creek well above 2 cfs throughout the last month (approximately 3.3 cfs).
- The 2000 BiOp and Order WR 2019-0148 target flows to the Hwy 154 Bridge (2.5 cfs) are being met by USBR for the current lake level through releases from Hilton Creek, the Outlet Works, and spillway to the Lower Santa Ynez River (LSYR) mainstem.
- Lake Cachuma turned over between 11/7/22 and 11/9/22 in association with a storm event. The lake is now unithermal (equal temperature) going to depth with well oxygenated water all the way to the bottom.

In compliance with the 2000 Cachuma Project Biological Opinion (BiOp) (NMFS, 2000) and WR Order 2019-0148, and as described in the 2000 Lower Santa Ynez River Fish Management Plan (SYRTAC, 2000) and the Monitoring Program in the 2000 Revised Biological Assessment (BA), the COMB-FD staff conducts routine monitoring of the steelhead/rainbow trout population and their habitat on the Lower Santa Ynez River (LSYR) 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 November 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 Summary/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/Report.

Beaver Dam Surveys: The annual Beaver Dam survey takes place in the late fall prior to stormflow events of that water year. Surveys consist of walking from Bradbury Dam to the LSYR Lagoon and the basin's tributaries where access is allowed, recording where beaver dams are located, their height and width, ponded pool size and depth above, whether they are active or not, and photographed. The survey will be completed by the end of this month and will be reported in the Annual Monitoring Summary/Report.

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

Snorkel surveys: Snorkel surveys for *O. mykiss* and non-native fish in the LSYR mainstem and tributaries are conducted two times a year (Spring and Fall). The Fall Snorkel Survey was started in October and was completed by the end of November. The results are presented in the Annual Monitoring Summary/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 LSYR at the Hwy 154 Bridge.

The minimum target flow of 2 cfs to Hilton Creek was being met throughout the last month with HCEBS gravity flow to the LRP (approximately 2.1 cfs) and HCWS pumped flow to the URP (approximately 1.2 cfs) for an approximate total of 3.3 cfs (USGS is reporting a total of 5.0 cfs).

Documenting compliance in meeting target flows at the Hwy 154 Bridge (2.5 cfs) cannot be done at the bridge 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 can be challenging to meet 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 except during high flow periods when stream access is not possible, for example during periods of peak WR 89-18 peak releases. As the flow rates drop down to approximately 60 cfs, river discharge measurements were resumed. COMB continued to maintain our pressure transducer throughout the WR 89-18 release.

The new USGS gage just upstream of the Hwy 154 Bridge has been in full operation since 10/1/22 where discharge and water quality data are being streamed online every 15 minutes.

USBR is working with the State Board to modify Term 18 and Term 25 to move the target flow compliance point to this new USGS gage site.

Sulfur Monitoring:

Towards the end of July and beginning of August, it was noticed a strong sulfur smell at the URP, LRP, and Outlet Works. This was particularly evident during the high flow releases of the 2022 Water Rights 89-18 releases. Hydrogen sulfide (H₂S) gas was coming out of solution and volatilizing at all release points of lake waters. We have been tracking air quality conditions with gas monitors to assure safety of personnel working in the area as well as the concentration of H₂S in the water. Salmonids are particularly sensitive to dissolved H₂S and we have noticed avoidance behavior in the areas of the URP and LRP. Concentrations diminish rapidly with distance away from the discharge points. The source of the sulfur is the sediments and anoxic (extremely low dissolved oxygen) zone at the bottom of the lake. When the lake turned over in November, well-oxygenated water was observed to depth, which stopped the transfer process of sulfur from the sediments to the lake waters. Currently there are no signs of sulfur coming from the lake. The sulfur situation will return as the lake stratifies and the bottom of the lake goes anoxic come the summer. We will continue to monitor the situation and investigate solutions.

Tributary Project Updates:

All planned projects have been successfully completed.

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

HCWS and HCEBS: The HCWS and HCEBS are owned, operated, and maintained by USBR. USBR technical staff continues to consider improvement options for the HCWS and HCEBS. Currently USBR is delivering water to Hilton Creek through the HCWS by pump flow and HCEBS by gravity flow to the URP and LRP, respectively.

The HCWS was initially constructed in 1999 then modified to its current configuration in 2004. The HCEBS was completed at the end of January 2016. The HCEBS delivery floating pipeline across the Stilling Basin was removed on 2/5/20 and then reinstalled between 3/2/21 and 3/4/21. USBR successfully replaced two malfunctioning valves associated with the HCEBS on 5/12/21. After observing water leaking out of the HCEBS floating pipeline, USBR with assistance from COMB-FD on 9/30/21 and 11/18/21 tightened the flanges on all pipe segment connections and the leaking appeared to stop resulting in more water delivery to Hilton Creek. No further maintenance is planned for the floating pipeline.

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

After several discussions between USBR and NMFS, USBR decided to activate the HCWS pump on 8/2/22 to deliver water to Hilton Creek with the objective of setting the HCEBS to standby mode in the event that the pump turned off. Late that day the programmed linkages for that automated transfer of flow from the HCWS to the HCEBS were found to be inoperable, so USBR reconfigured part of the system for HCEBS gravity flow with HCWS pumped flow from the lake based system. That night an unplanned PG&E power outage occurred that caused a flow interruption to the creek of approximately 2 hours requiring fish

rescue and relocation. USBR activated the HCEBS diesel pumps to provide water to Hilton Creek. NMFS, CDFW and USBR determined that it would be best for the fishery to rescue and relocate fish from the reach between the LRP and the URP (Reach 5) to sustainable downstream habitats. The effort was conducted by CDFW with assistance from COMB-FD on 8/8/22 through 8/10/22. On 8/11/22, USBR turned off the HCEBS pump, reestablished HCEBS gravity flow to the LRP and activated the HCWS pump to the URP. The parallel delivery systems (gravity and pump) have been functioning since then with a few exceptions.

On 10/19/22 and 10/20/22, USBR conducted required repairs on one of the two HCWS pumps. That pump is now ready to go and is in standby mode. This past week USBR was working on design modifications for the electrical control panel on top of the dam for the HCWS pumps to allow for an automatic switch to turn on the pump after the power is transferred from grid to generator and back. This would allow for a shorter period (15 to 60 seconds) of interrupted flow to the creek. The work has been tentatively scheduled for January.

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, 8/2/21 – 10/22/21, and 8/8/22 – 10/5/22. 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		30,278	
Total:	9,184	44,976	-2,314

* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.

** Values as of 11/30/22.

*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.

Reporting / Outreach / Training:

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

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

Outreach and Training: Outreach continues with Lower Santa Ynez River landowners (specifically in the Quiota Creek and Salsipuedes Creek watersheds), interested parties within the Santa Ynez Valley, and the County on a variety of fisheries related issues.

Consultant Activity Summary:

HDR Fisheries Design Center (Mike Garello and Shaun Bevan) – No work was performed during this time period on established SOW tasks.

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

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 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 December, 2021 to the present (12/1/21 – 12/19/22, Table 1). Labor and expenses for the entire fiscal year (July 2022 - June 2023) 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 whenever possible 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 2021 Annual Report with the annual inventory and Fiscal Year 2021-22 financials was completed and reviewed by the Lake Cachuma Oak Tree Committee on 9/16/22 and provided to the COMB Board on 9/26/22 that recommended going forward with replacing 50 dead oak trees during the wet season of this water year. The COMB Board was in agreement with that directive.

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

	Dec 2021 ¹	Jan 2022	Feb 2022 ²	Mar 2022 ²	Apr 2022 ²	May 2022 ²	June 2022 ²	July 2022 ²	August 2022	Sept 2022	Oct 2022	Nov 2022	Dec 2022
Year 13 Oaks (2021-2022)	New Trees QA/QC Tree Tags	New Trees QA/QC Tree Tags	New Trees QA/QC Tree Tags	Irrigated Weeded	Irrigated Weeded		Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded		
		Mulch/Irrigated	Mulch/Irrigated										
Year 12 Oaks (2020-2021)			Irrigated Weeded	Irrigated Weeded		Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded
Year 11 Oaks (2019-2020)					Irrigated Weeded	Irrigated Weeded		Irrigated Weeded					Irrigated Weeded
Year 10 Oaks (2018-2019)													
Year 9 Oaks (2016-2017)	Irrigated 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

Fall watering and hand weeding were completed on the Year 12 trees and the most of the Year 11 trees by early December leading up to the current Board Meeting. Several storms have impacted the Santa Ynez Valley so far in December, with nearly 4 inches of rain falling at Bradbury Dam the past several weeks. Oak tree watering will cease for the remainder of the calendar year.

Annual Inventory

The 2022 Annual Inventory of all year classes (COMB planted trees 2005 through 2022 and Dam Tender trees) has been started (Exhibit 1).

LIST OF EXHIBITS:

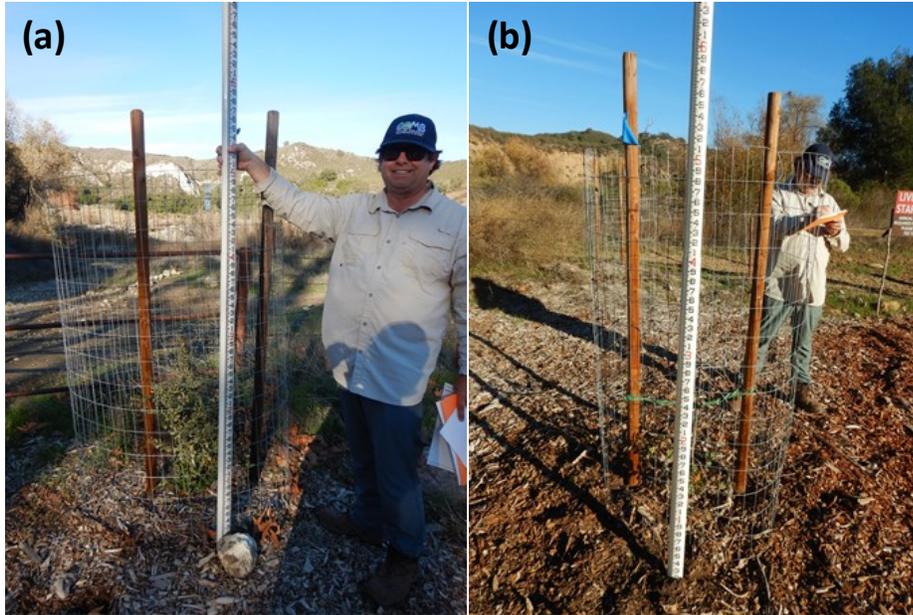


Exhibit 1: Annual Inventory at Live Oak Camp Year 13 trees (a) measuring tree height and (b) recording the data.

WATER YEAR 22-23 CACHUMA PROJECT ALLOCATION

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

(All in rounded Acre Feet)

CACHUMA PROJECT		
WATER PRODUCTION:	MONTH	WYTD
Cachuma Lake (Tec. Diversion)	1,065.3	2,932.6
Tecolote Tunnel Infiltration	80.4	137.9
Cachuma Lake (County Park)	1.4	3.0
Subtotal - Water Production	1,147.1	3,073.5
WATER DELIVERIES:		
State Water Diversion	24.8	185.1
Cachuma Diversion	1,100.4	2,912.0
Storage gain/(loss) ⁽²⁾	35.9	37.1
Subtotal - Water Deliveries	1,161.0	3,134.2
Total Water Production	1,147.1	3,073.5
Total Water Deliveries	1,161.0	3,134.2
Difference = Apparent Water Loss	(13.9)	(60.7)
% Apparent Water Loss	-1.21%	-1.97%

SCC APPARENT WATER LOSS ALLOCATION (AWL) ⁽³⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
CURRENT MONTH CHARGE / (ADJUSTMENT)					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total Current Month	0.0	0.0	0.0	0.0	0.0
WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total AWL Charged (WYTD)	0.0	0.0	0.0	0.0	0.0
Total AWL Not Charged (WYTD)					(60.7)
Total AWL Incurred (WYTD)					(60.7)

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
CURRENT MONTH						
Water Usage						
M&I	406.0	466.2	1.8	38.5	1.4	914.0
Agricultural	116.9	0.0	24.8	44.6	N/A	186.4
Subtotal Project Water Use	523.0	466.2	26.6	83.2	1.4	1,100.4
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	45.1	119.5	12.1	17.7	21.0	215.4
Total Project Water Charge	568.0	585.6	38.7	100.9	22.4	1,315.7
WATER YEAR-TO-DATE						
Water Usage						
M&I	907.5	1,117.5	176.5	152.7	3.0	2,357.3
Agricultural	314.9	0.0	40.1	199.8	N/A	554.7
Subtotal Project Water Use	1,222.4	1,117.5	216.6	352.5	3.0	2,912.0
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	132.2	338.0	34.9	51.2	59.7	616.1
Total Project Water Charge (*)	1,354.6	1,455.5	251.5	403.7	62.8	3,528.0

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

WATER YEAR 22-23 CACHUMA PROJECT ALLOCATION
CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF NOVEMBER 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 - 10/1/2022	7,890.4	19,239.8	2,067.3	3,035.0	3,353.8	35,586.3
Transfers/Adjustment	0.0	0.0	0.0	0.0	(126.0)	(126.0)
(-) Project Water Charge (WYTD)	1,354.6	1,455.5	251.5	403.7	62.8	3,528.0
Balance Carryover Water	6,535.8	17,784.3	1,815.8	2,631.3	3,165.0	31,932.3
Current Year Allocation ⁽⁵⁾	0.0	0.0	0.0	0.0	0.0	0.0
(-) Balance of Project Water Charge (WYTD)	0.0	0.0	0.0	0.0	0.0	0.0
Net Allocation Available Before Adjustments	0.0	0.0	0.0	0.0	0.0	0.0
Adjustments to Net Allocation (WYTD)						
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 ⁽⁸⁾	46.0	30.0	30.0	20.0	0.0	126.0
Transfers/Adjustment - SB/La Cumbre	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Bishop Ranch	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Juncal Transfer	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/SB Overlap	0.0	0.0	0.0	0.0	0.0	0.0
Balance Current Year Allocation	46.0	30.0	30.0	20.0	0.0	126.0
Total Cachuma Project Water Available	6,581.8	17,814.3	1,845.8	2,651.3	3,165.0	32,058.3

ACCUMULATED DROUGHT WATER CREDIT (ADWC) BALANCE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
ADWC Balance - 10/1/2022 ⁽¹⁾	543.8	482.8	154.6	164.1	154.6	1,500.0
Transfers/Adjustment	0.0	0.0	0.0	0.0	0.0	0.0
(-) ADWC Water Charge (WYTD)	0.0	0.0	0.0	0.0	0.0	0.0
Balance ADWC	543.8	482.8	154.6	164.1	154.6	1,500.0
Total Cachuma Project + ADWC Available	7,125.6	18,297.1	2,000.5	2,815.4	3,319.7	33,558.3

Footnotes

- (1) Water Year = October 1 through September 30; WYTD = Water Year to Date
- (2) Includes Lauro and Ortega Reservoirs only
- (3) Based on correspondence from Michael Jackson, dated 09/15/17, which revised the approach to the assessment for unaccounted for water loss based on lake conditions
- (4) Per USBR, evaporation is applied to Cachuma Carryover and SWP water through standard contract formula effective April 1, 2017
- (5) Per USBR, 0% allocation to Member Agencies, effective 10/1/22
- (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 November 2022
- (7) Correspondence from Michael Jackson to the Member Units (MU's) dated 9/14/2022 revised the Downstream Users Accounting Reports effective August 2022 as produced by Reclamation. A credit of 1,500 acre-feet of water from the Below Narrows Account was transferred to the MU's based on provisions of the September 17, 2002 Settlement Agreement.
- (8) Memo only - State Water Deliveries to Lake Cachuma for November was 0 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: **NOVEMBER 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	545.8	Feet
Water in Storage	441.74	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	454.0	Feet
Water in Storage	43.33	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	375.9	Feet
Water in Storage	25.47	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	510.54	AF
	35.91	AF

CACHUMA RESERVOIR ⁽²⁾

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

Stage of Reservoir Elevation	692.72	Feet
Water in Storage	60,234	AF
Surface Area	1,442	Acres
Evaporation	245.9	AF
Inflow	8.0	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	202.4	AF
Outlet	192.5	AF
Spill/Seismic Release	18	AF
State Water Project Water	0.0	AF
Change in Storage	-1,523	AF
Tecolote Diversion	1,065.3	AF

Rainfall: Month: 1.60 Season: 0.00

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

(2) Lake Cachuma reservoir storage volume based on 2021 bathymetric survey (NGVD29)

(3) In 2004, flashboard installation raised Cachuma Reservoir max elevation to 753' (192,978 AF); surcharge

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

Contract Year: 10/1/22 to: 9/30/23

Contract Entity: **Goleta Water District**
Update by COMB 11/30/2022

Month	Carryover Balance		Approved Allocation		CARRYOVER WATER			CURRENT YEAR ALLOCATION					
	Prior Yr	Curr Yr	TOTAL WATER USED		WATER USE CHARGED			WATER USE CHARGED					
	Acre-feet		Evap			Used			Allocation		Allocation		Total
	M & I	Agr	Total	M & I	Agr	Total	M & I	Agr	M & I	Agr			
Oct	7,890.4	-	501.5	197.9	699.4	87.1	699.4	786.6	564.5	222.1	-	-	-
Nov	-	-	406.0	116.9	523.0	45.1	523.0	568.0	438.6	129.4	-	-	-
Dec	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	7,890.4	-	907.5	314.9	1,222.4	132.2	1,222.4	1,354.6	1,003.1	351.5	-	-	-

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	
Oct	7,890.4	5,705.0	2,185.4	-	-	-
Nov	-	-	-	26.2	19.8	46.0
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	7,103.9	5,140.5	1,963.3	26.2	19.8	46.0
Nov	6,535.8	4,701.9	1,833.9	26.2	19.8	46.0
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **6,581.8**

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

Contract Year: 10/1/22 to: 9/30/23

Contract Entity: **City of Santa Barbara**
 Update by COMB 11/30/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr	CARRYOVER WATER						CURRENT YEAR ALLOCATION		
			TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
			Acre-feet			Allocation			Allocation		
			M & I	Agr	Total	Evap	Used	Total	M & I	-----	M & I
Oct	19,239.8	-									
Nov	-	-									
Dec	-	-									
Jan	-	-									
Feb	-	-									
Mar	-	-									
Apr	-	-									
May	-	-									
Jun	-	-									
Jul	-	-									
Aug	-	-									
Sep	-	-									
Total	19,239.8	-									

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	-----	M & I	-----	
Oct	19,239.8	19,239.8	-	-	-	-
Nov	-	-	-	30.0	-	30.0
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation		Total
		M & I	-----	M & I	-----	
Oct	18,369.9	18,369.9	-	30.0	-	30.0
Nov	17,784.3	17,784.3	-	30.0	-	30.0
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **17,814.3**

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

Contract Year: 10/1/22 to: 9/30/23

Contract Entity: **Montecito Water District**
 Update by COMB 11/30/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr	CARRYOVER WATER						CURRENT YEAR ALLOCATION				
			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
Oct	2,067.3	-	174.7	15.3	190.0	22.8	190.0	212.7	189.3	23.4	-	-	-
Nov	-	-	1.8	24.8	26.6	12.1	26.6	38.7	9.2	29.5	-	-	-
Dec	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2,067.3	-	176.5	40.1	216.6	34.9	216.6	251.5	198.5	52.9	-	-	-

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

Month	SCHEDULE AND REVISIONS				SCHEDULE AND REVISIONS			
	Total	Allocation		Total	Allocation		Total	
		M & I	Agr		M & I	Agr		
Oct	2,067.3	1,325.6	741.7	-	-	-	-	
Nov	-	-	-	17.1	12.9	30.0	-	
Dec	-	-	-	-	-	-	-	
Jan	-	-	-	-	-	-	-	
Feb	-	-	-	-	-	-	-	
Mar	-	-	-	-	-	-	-	
Apr	-	-	-	-	-	-	-	
May	-	-	-	-	-	-	-	
Jun	-	-	-	-	-	-	-	
Jul	-	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	-	

Month	BALANCE - CARRYOVER WATER				BALANCE - CURR YR ALLOC			
	Total	Allocation		Total	Allocation		Total	
		M & I	Agr		M & I	Agr		
Oct	1,854.6	1,136.3	718.2	17.1	12.9	30.0	-	
Nov	1,815.8	1,127.1	688.7	17.1	12.9	30.0	-	
Dec	-	-	-	-	-	-	-	
Jan	-	-	-	-	-	-	-	
Feb	-	-	-	-	-	-	-	
Mar	-	-	-	-	-	-	-	
Apr	-	-	-	-	-	-	-	
May	-	-	-	-	-	-	-	
Jun	-	-	-	-	-	-	-	
Jul	-	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	-	

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 1,845.8

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

Contract Year: 10/1/22 to: 9/30/23

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**
 Update by COMB 11/30/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr	CARRYOVER WATER						CURRENT YEAR ALLOCATION			
			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
Oct	3,353.8	-	1.6	38.7	1.6	40.3	11.7	28.7	-	-	-	
Nov	-	-	1.4	21.0	1.4	22.4	6.6	15.8	-	-	-	
Dec	-	-	-	-	-	-	-	-	-	-	-	
Jan	-	-	-	-	-	-	-	-	-	-	-	
Feb	-	-	-	-	-	-	-	-	-	-	-	
Mar	-	-	-	-	-	-	-	-	-	-	-	
Apr	-	-	-	-	-	-	-	-	-	-	-	
May	-	-	-	-	-	-	-	-	-	-	-	
Jun	-	-	-	-	-	-	-	-	-	-	-	
Jul	-	-	-	-	-	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	-	-	-	-	-	
Total	3,353.8	-	3.0	59.7	3.0	62.8	18.3	44.5	-	-	-	

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			
	Total	Allocation		Total
		M & I	Agr	
Oct	3,353.8	872.5	2,481.3	-
Nov	(126.0)	(71.8)	(54.2)	-
Dec	-	-	-	-
Jan	-	-	-	-
Feb	-	-	-	-
Mar	-	-	-	-
Apr	-	-	-	-
May	-	-	-	-
Jun	-	-	-	-
Jul	-	-	-	-
Aug	-	-	-	-
Sep	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	County Parks Usage (AF)	Total	Allocation		Total	
			M & I	Agr		
Oct	1.6	3,187.4	789.0	2,398.5	-	
Nov	1.4	3,165.0	782.4	2,382.7	-	
Dec	-	-	-	-	-	
Jan	-	-	-	-	-	
Feb	-	-	-	-	-	
Mar	-	-	-	-	-	
Apr	-	-	-	-	-	
May	-	-	-	-	-	
Jun	-	-	-	-	-	
Jul	-	-	-	-	-	
Aug	-	-	-	-	-	
Sep	-	-	-	-	-	

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,165.0

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

Contract Year: 10/1/22 to: 9/30/23

Contract Entity: **Santa Barbara Co. Water Agency**
 Update by COMB 11/30/2022

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	35,586.3	-	0.1	1,443.3	368.4	1,811.6	400.7	1,811.6	2,212.3	1,767.5	444.8	-	-	-
Nov	-	-	0.0	914.0	186.4	1,100.4	215.4	1,100.4	1,315.7	1,088.4	227.3	-	-	-
Dec	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	35,586.3	-	0.1	2,357.3	554.7	2,912.0	616.1	2,912.0	3,528.0	2,855.9	672.1	-	-	-

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

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	35,586.3	28,774.6	6,811.7	-	-	-
Oct	(126.0)	(71.8)	(54.2)	84.7	41.3	126.0
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	County Parks Usage (AF)	Total	Allocation		Allocation		Total
			M & I	Agr	M & I	Agr	
Oct	1.6	33,248.0	26,935.3	6,312.7	84.7	41.3	126.0
Nov	1.4	31,932.3	25,846.9	6,085.4	84.7	41.3	126.0
Dec	-	-	-	-	-	-	-
Jan	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **32,058.3**

UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. BUREAU OF RECLAMATION-CACHUMA PROJECT-CALIFORNIA

December 2022

LAKE CACHUMA DAILY OPERATIONS

Run Date: December 15, 2022

Day ¹	Lake Cachuma				Rainfall ⁴		Evaporation ⁴		CCWA Inflow	Release					Computed Inflow ²	
	Elevation	Storage	Change in Storage	Surface Area						Park Use	Tunnel	Hilton Creek	WR 89-18	Outlet ³		Spillway
	HL	LS	LC		PP	PPAF	EV	EVAF	QICCWA		QUTEC	QUHIL	QUWATR	QU	QS	QI
	ft	acre-feet	acre-feet	acres	inches	acre-feet	inches	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet
30	692.72	60,234														
1	692.68	60,177	(56.9)	1,440.7	0.01	1.2	0.030	2.38	0.54	-	33.89	5.20	-	6.20	0.60	(10.42)
2	692.68	60,177	-	1,440.7	0.21	25.2	0.050	3.96	1.54	-	24.78	5.62	-	5.80	0.60	14.01
3	692.69	60,191	14.2	1,440.9	0.34	40.8	0.030	2.38	-	-	24.59	5.91	-	6.50	0.60	13.38
4	692.69	60,191	-	1,440.9	0.27	32.4	0.030	2.38	-	-	20.28	5.90	-	5.50	0.60	2.23
5	692.67	60,162	(28.5)	1,440.4	0.04	4.8	0.050	3.96	-	-	19.99	6.00	-	6.40	0.60	3.68
6	692.64	60,120	(42.7)	1,439.8	0.01	1.2	0.090	7.13	-	-	20.28	6.02	-	6.40	0.60	(3.48)
7	692.61	60,077	(42.7)	1,439.1	-	-	0.050	3.96	-	-	20.56	6.20	-	6.20	0.60	(5.18)
8	692.58	60,034	(42.7)	1,438.5	-	-	0.030	2.37	-	-	19.60	6.12	-	6.30	0.60	(7.71)
9	692.57	60,020	(14.2)	1,438.4	-	-	0.030	2.37	-	-	20.42	6.29	-	6.10	0.60	21.55
10	692.55	59,992	(28.5)	1,438.0	-	-	0.040	3.16	-	-	16.20	6.20	-	6.20	0.60	3.90
11	692.88	60,461	469.7	1,445.2	2.64	317.9	-	-	-	-	17.16	6.20	-	6.20	0.60	181.95
12	693.11	60,791	329.4	1,450.4	0.44	53.2	0.080	6.38	-	-	17.01	6.21	-	6.20	0.60	312.62
13	693.09	60,762	(28.8)	1,450.0	-	-	0.050	3.99	-	-	17.93	6.30	-	6.10	0.60	6.08
14	693.08	60,748	(14.4)	1,449.7	0.01	1.2	0.050	3.99	-	-	18.88	6.29	-	6.10	0.60	20.24
15	693.07	60,733	(14.4)	1,449.5	-	-	0.030	2.39	-	-	17.35	6.40	-	6.00	0.60	18.33

Total			499.48		3.97	477.99	0.640	50.80	2.08	-	308.93	90.86	-	92.20	9.00	571.19
Minimum	692.55	59,992	(56.94)	1,437.97	-	-	-	-	-	-	16.20	5.20	-	5.50	0.60	(10.42)
Average	692.77	60,309	33.30	1,442.81	0.26	31.87	0.043	3.39	0.14	-	20.60	6.06	-	6.15	0.60	38.08
Maximum	693.11	60,791	469.74	1,450.41	2.64	317.94	0.090	7.13	1.54	-	33.89	6.40	-	6.50	0.60	312.62

Comments

1. Data based on 24-hour period ending 0800
2. Computed inflow is the sum of change in storage, releases, and evaporation minus precip on the reservoir surface and CCWA inflow.
3. Indicated outlets release include any leakage around gates.
4. Evaporation in inches is the measured pan evaporation. Calculated evaporation in acre feet uses the December pan fact 66%
5. Storage volume based on 2021 bathymetric survey.



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



Cachuma Lake Recreation Area Launch Data -- November 2022		
Inspection Data		
Total Vessels Entering Park	310	
Total Vessels Launched	297	
Total Vessels Quarantined	13	
Returning (Tagged) Boats Launched	219	74%
Kayak/Canoe: Inspected, launched	78	26%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Quarantine Data		
Total Vessels Quarantined	13	
Quarantined 14 days	*	
Quarantined 30 days	13	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	8	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	13	
Demographic Data		
Quarantined from infected county	8	
Quarantined from SB County	5	
Quarantined from uninfected co	0	

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

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

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

Summary: No Dreissenid Mussels were detected, nor Aquatic Invasive Species of any kind.
 Inspection Site: Cachuma Lake Reservoir, Santa Barbara County, California.
 Plankton Tow Inspection Date and Time: 2022.11.13; 10 a.m. to 12 p.m. PDT.
 Method: 4 Sampling Locations; Vertical Tows. Samples sent to Bodega Marine Laboratory (CDFW).
 Artificial Substrate & Surface Survey Date and Time: 2022.11.30 and 11.13; 10 a.m. to 12 p.m. PDT.
 Method: 4 Artificial Substrate Stations; 22 meters/72.18 linear feet of line as well as ramp, dock, anchor, etc.
 Surveyors: COSB, Parks Division Quagga Grant Staff (P. Good, P. Medel).
 Lake elevation: Max feet: 753.00, current 692.73; Max acre-feet: 192,978, current: 60,248;
 Current capacity: 31.2%

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 19, 2023
Prepared by:	Dorothy Turner
Approved by:	Janet Gingras

SUBJECT: 2023 COMB Regular Board Meeting Dates

The following table lists the scheduled Regular Board Meeting dates for Calendar Year 2023:

2023 COMB Board Meeting Dates	
BOARD MEETING DATE	DAY
January 23, 2023	4th Monday
February 27, 2023	4th Monday
March 27, 2023	4th Monday
April 24, 2023	4th Monday
May 22, 2023	4th Monday
June 26, 2023	4th Monday
July 24, 2023	4th Monday
August 28, 2023	4th Monday
September 25, 2023	4th Monday
October 23, 2023	4th Monday
November 13, 2023	2nd Monday**
December 18, 2023	3rd Monday***

**November meeting will be held on the 2nd Monday, due to the Thanksgiving Holiday

***December meeting will be held on the 3rd Monday, due to the Christmas Holiday