



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

**Monday, January 23, 2023
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/85872851653?pwd=VStENDUwQWw3MGRaVkZTTDBkeWxuZz09>

Passcode: 551801

Join via Teleconference

US: +1 669 900 6833 Webinar ID: 858 7285 1653 Passcode: 551801

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, January 23, 2023

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 December 19, 2022 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Review of Paid Claims
4. **VERBAL REPORTS FROM BOARD COMMITTEES**
Receive verbal information regarding the following committee meetings:
 - Operations Committee Meeting – January 18, 2023
5. **RESOLUTION NO. 772 – CONFIRMATION OF LOCAL EMERGENCY - ACKNOWLEDGEMENT OF GOVERNOR NEWSOM'S DECLARED STATE OF EMERGENCY (HEALTH AND SAFETY)**
Action: Recommend adoption by motion and roll call vote of the Board
6. **RESOLUTION NO. 773 – JANUARY 2023 STORMS – DECLARATION OF EMERGENCY**
Action: Recommend adoption by motion and roll call vote of the Board
7. **STATE OF CALIFORNIA – DIVISION OF DRINKING WATER (DDW) PERMIT FEES**
Action: Approve expenditures associated with the State of California Division of Drinking Water Permit as outlined in the staff memorandum
8. **RESOLUTION NO. 774 – CROSS CONNECTION CONTROL POLICY**
Action: Recommend adoption by motion and roll call vote of the Board

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9. **RESOLUTION NO. 775 - LAKE CACHUMA EMERGENCY PUMPING FACILITY SECURED PIPELINE PROJECT – STATUS REPORT / APPROVAL OF ADDITIONAL EXPENDITURES**
Action: Receive information on the Lake Cachuma Emergency Pumping Facility Project and recommend adoption by motion and roll call vote of the Board.
10. **GENERAL MANAGER REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
 - Administration
11. **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 Update
12. **OPERATIONS DIVISION REPORT**
Receive verbal information regarding the Operations Division, including but not limited to the following:
 - Lake Cachuma Operations
 - Operation and Maintenance Activities
13. **FISHERIES DIVISION REPORT**
Receive information from the Fisheries Division Manager, including, but not limited to the following:
 - LSYR Steelhead Monitoring Elements
 - Tributary Project Updates
 - Surcharge Water Accounting
 - Reporting/Outreach/Training
14. **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
15. **MONTHLY CACHUMA PROJECT REPORTS**
Receive information regarding the Cachuma Project, including but not limited to the following:
 - a. Cachuma Water Reports
 - b. Cachuma Reservoir Current Conditions
 - c. Lake Cachuma Quagga Survey
16. **CALENDAR YEAR 2023 COMB REGULAR BOARD MEETING SCHEDULE**
Action: Recommend approval by motion and roll call vote of the Board
17. **DIRECTORS’ REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**

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18. [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

19. RECONVENE INTO OPEN SESSION

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

- 18a. 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
- 18b. [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
- 18c. Potential Litigation: Conference with Legal Counsel

20. MEETING SCHEDULE

- **Regular Board Meeting – February 27, 2023 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

21. COMB ADJOURNMENT

NOTICE TO PUBLIC

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

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

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

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

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

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

**Monday, December 19, 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 1:05 PM.

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

Directors Present:

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

General Counsel Present:

William Carter - Musick, Peeler, Garrett, LLP

Staff Present:

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

Elijah Papan, Senior Program Analyst
Timothy Robinson, Fisheries Division Manager
Dorothy Turner, Administrative Assistant II

Others Present:

John Britton, Bartlett, Pringle, Wolf LLP
Dakota Corey, City of Santa Barbara
Sean Edwards, Bartlett, Pringle, Wolf LLP

Will Kane, Total Compensation Systems
Matthew Scudato, COSB Water Agency
Matt Young, COSB Water Agency

2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

- a. Minutes of November 14, 2022 Regular Board Meeting
- b. Investment of Funds
 - Financial Reports
 - Investment Reports
- c. Review of Paid Claims

Ms. Gingras presented the Consent Agenda items and asked Mr. Lyons to discuss the notable items contained therein. Mr. Lyons reviewed revenues received and drew Board attention to a number of

expenditures, including remittances to Core & Main, U.S. Bureau of Reclamation, Cushman Contracting Corp. and Flowers & Associates.

President Holcombe asked for a motion which was provided by Director Hanson to approve the Consent Agenda items as presented. Director Sneddon seconded the motion which carried unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

4. RESOLUTION NO. 771 – CONFIRMATION OF LOCAL EMERGENCY - ACKNOWLEDGEMENT OF GOVERNOR NEWSOM’S DECLARED STATE OF EMERGENCY (HEALTH AND SAFETY)

President Holcombe introduced Resolution No. 771, expressing concern for continuing infection rates. She summarized previous discussions and acknowledged various Board member positions. Director Sneddon motioned to approve the resolution, followed by a second from Director Hanson. The motion carried with a vote of five in favor and one opposed.

Ayes: Sneddon, Hanson, Holcombe

Nays: Hayman

Absent:

Abstain

5. VERBAL REPORTS FROM BOARD COMMITTEES

- Administrative Committee Meeting – December 8, 2022
- Fisheries Committee Meeting – December 12, 2022

President Holcombe noted that the Administrative Committee action items would be addressed in today’s meeting.

Director Hanson summarized the Fisheries Committee meeting and advised that the action item is referred to the Board today while other information will be included in the Fisheries report.

6. TOTAL COMPENSATION SYSTEMS, INC. PRESENTATION OF OTHER POST-EMPLOYMENT BENEFITS (OPEB) ACTUARIAL REPORT AS OF JUNE 30, 2022

Mr. Lyons introduced Mr. Will Kane of Total Compensation Systems, Inc. who shared his OPEB actuarial report presentation. Mr. Kane noted that this current report is a full valuation. He reviewed terminology thoroughly and provided a detailed explanation for how the total liability was calculated. Mr. Kane fielded questions.

7. BARTLETT, PRINGLE WOLF, LLP PRESENTATION OF ANNUAL COMPREHENSIVE FINANCIAL REPORT (ACFR) – FISCAL YEAR ENDING JUNE 30, 2022

Mr. Lyons introduced Mr. John Britton of Bartlett, Pringle Wolf, LLP (BPW) and invited him to present the results of the ACFR audit for Fiscal Year 2021-22. Mr. Britton stated that BPW issued an unmodified (“clean”) opinion and concluded there were no management concerns or reportable conditions affiliated with the audit. As well, he noted that new GASB accounting policies did not impact

COMB at this time. Mr. Britton reviewed the basic financial statements and provided detail for the variances over the prior audit. Further he reviewed the cash flow report and several footnotes of interest. Mr. Britton reviewed the Letter of Required Communications with the Board. He fielded questions and comments.

8. CALIFORNIA STATE CONTROLLER REPORT FOR FISCAL YEAR ENDING JUNE 30, 2022

Mr. Britton proceeded with a brief review of the annual California State Controller Report, stating that it had been populated with numbers taken directly from the audit and will be filed with the State by January 31, 2023. He fielded comments from the Board.

9. UNEXPENDED FUNDS – FISCAL YEAR ENDING JUNE 30, 2022

Mr. Lyons presented the cash basis reconciliation of unexpended funds for fiscal year 2021-22. President Holcombe advised that the Administrative Committee recommended approving the unexpended funds reconciliation and returning the excess funds to Member Agencies. Mr. Lyons advised that he expects to generate checks to Member Agencies in January.

Director Hanson motioned to approve the unexpended funds. Director Sneddon seconded the motion which carried unanimously, as amended with respect to timing of refunds, with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

10. CACHUMA PROJECT WARREN ACT TRUST FUND / RENEWAL FUND 2022-23 ANNUAL AND LONG TERM PLAN; SANTA BARBARA COUNTY BETTERMENT FUND USE OF FUNDS

Ms. Gingras requested that Mr. Lyons report out on the activities of the funds committees. Mr. Lyons provided the Board with an overview of the activities of the recent Warren Act Trust Fund / Renewal Fund (Funds) and Betterment Fund committee meetings. He reviewed the tables detailing expenditures for the current and upcoming fiscal years, noting a carryover of funds in the Cachuma Project Betterment category. Finally Mr. Lyons advised that the Funds committee agreed to the allocation of the proposed expenditures.

Mr. Robinson presented the annual and five year plan (Plans) document and reviewed many of the achievements and activities of the Fisheries Division contained within it. He provided further detail for how the Funds' dollars are used to support activities pertaining to environmental restoration, regulatory requirements and Cachuma Project betterment. Mr. Robinson also advised that the Betterment Fund dollars from the County of Santa Barbara will be used for the COMB USGS Santa Ynez River stream gauge monitoring. He fielded questions and compliments from the Board.

Director Hayman motioned to approve the Funds expenditures, followed by a second from Director Sneddon. The motion carried with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

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

Mr. Degner introduced the report and asked Mr. Papen to present a slide show. Mr. Papen narrated the slides and time lapse photography which illustrated the construction and deployment of the pipeline. As well, he provided information regarding the engineering and construction of the pipeline and its components. The Board complimented the slides and the progress made.

12. GENERAL MANAGER REPORT

- Administration

Ms. Gingras presented the General Manager report. She noted receipt of the ACWA JPIA Presidents Special Recognition Awards in all three insurance categories for COMB's low ratio of paid claims, which reflects positively on staff attention to safety. Ms. Gingras reminded the Board that the budgetary process for Fiscal Year 2023-24 is preliminarily scheduled out. Finally, she mentioned that staff has submitted a grant reimbursement request for the Secured Pipeline Project to the Department of Water Resources in the amount of \$1.14 million for the quarter ending September 30, 2022. Payment is anticipated in January 2023.

13. ENGINEER'S REPORT

- Climate Conditions
- Lake Elevation Projections
- Infrastructure Improvement Projects

Mr. Degner presented the Engineer's report, first noting that the recent storm had totaled 172% of normal rainfall and resulted in a half foot rise in reservoir levels. Notwithstanding storm activity, he stated that COMB continues to anticipate installation of the EPF barge in summer of 2023 and expects to bring the matter before the Board in February 2023. He provided updates on expected shutdowns, completion of South Reach laterals, the deferral of the Ortega Reservoir cleaning project and grant funding for the barge. Mr. Degner fielded questions from the Board.

14. OPERATIONS DIVISION REPORT

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. King presented the Operations Division report and advised that the majority of staff activities were centered on the construction of the EPF Secured Pipeline. As well, he reported that Tierra Contracting had completed laterals 17 and 19. Staff had performed maintenance on nearly all of the structures and performed an after-storm inspection. Finally, he noted that fish screens were cleaned and slide gates exercised.

16. FISHERIES DIVISION REPORT

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

Mr. Robinson presented the Fisheries Division report, noting that target flows to the measuring sites were above the minimum requirement. He reported that the thermally stratified layers of Lake Cachuma had recently turned over. The turnover resulted in re-oxygenated water directed to Hilton Creek which eliminated a discharge of Hydrogen Sulfide gas concentrated at the release points which had presented a danger to the fishery. Options for aeration are being explored to alleviate future problems at the release points. Mr. Robinson reported that an engineering crew from Reclamation was looking at a potential switch installation on top of the generator to turn Hilton Creek Watering System pumps on during a power failure. Finally, he described a CCWA modification made to the piping for State water delivery.

17. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

- Maintenance and Monitoring

Mr. Robinson summarized the Oak Tree report and noted that the recent rain allowed staff to discontinue irrigation temporarily. He reported that the annual tree inventory was under way and replacement trees were slated for planting at year end.

18. MONTHLY CACHUMA PROJECT REPORTS

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

Ms. Gingras noted nothing unusual in the Cachuma Project reports, commenting only the November saw a decrease in demands.

19. CALENDAR YEAR 2023 COMB REGULAR BOARD MEETING SCHEDULE

Ms. Gingras presented the 2023 Regular Board Meeting calendar and fielded a question concerning the time of the monthly meeting.

20. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

There were no requests from Board members.

21. [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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No. 2:22-cv-07271 – Complaint For Injunctive and Declaratory Relief to Enforce Plaintiffs’
Riparian Water Rights

- c. Potential Litigation: Conference with Legal Counsel

The Board adjourned into Closed Session at 3:26 PM.

22. 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

The Board reconvened into Open Session at 4:03 PM. With respect to items 20a, 20b and 20c, there was no reportable action.

23. MEETING SCHEDULE

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

24. COMB ADJOURNMENT

There being no further business, the meeting was adjourned at 4:04 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

APPROVED:

Polly Holcombe, President of the Board

Statement of Net Position

As of December 31, 2022

UNAUDITED

	<u>Dec 31, 22</u>
ASSETS	
Current Assets	
Checking/Savings	
Trust Funds	
1210 · Warren Act Trust Fund	\$ 360,259.72
1220 · Renewal Fund	55,285.20
Total Trust Funds	<u>\$ 415,544.92</u>
1050 · General Fund	416,276.98
1100 · Revolving Fund	205,870.43
Total Checking/Savings	<u>1,037,692.33</u>
Accounts Receivable	
1301 · Accounts Receivable	1,570.00
1320 · Quarterly Assessments Receivable	1,904,406.00
Total Accounts Receivable	<u>1,905,976.00</u>
Other Current Assets	
1010 · Petty Cash	500.00
1200 · LAIF	651,319.22
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
1310 · Misc Receivable	1,320.57
1400 · Prepaid Insurance	11,512.72
1900 · Deposits	5,868.34
Total Other Current Assets	<u>927,268.91</u>
Total Current Assets	<u>3,870,937.24</u>
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	<u>957,581.94</u>
Other Assets	
1910 · Long Term 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	<u>5,783,478.83</u>
TOTAL ASSETS	<u><u>\$ 10,611,998.01</u></u>

Statement of Net Position

As of December 31, 2022

UNAUDITED

Dec 31, 22

LIABILITIES & EQUITY**Liabilities****Current Liabilities****Accounts Payable**

2200 · Accounts Payable \$ 278,211.09

Total Accounts Payable

278,211.09

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

1,840,886.04

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

13,146,112.87

Net Position

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

3901 · Retained Net Assets 1,764,686.65

Net Revenue 997,778.54

Total Net Position

(2,534,114.86)

TOTAL LIABILITIES & NET POSITION**\$ 10,611,998.01**

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

	Fisheries				Operations				TOTAL			
	Jul - Dec 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Dec 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Dec 22	Budget	\$ Over / (Under) Budget	% of Budget
Revenue												
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	\$ 795,542.00	\$ 1,153,196.00	\$ (357,654.00)	68.99%	\$ 4,238,329.00	\$ 4,951,331.00	\$ (713,002.00)	85.6%	\$ 5,033,871.00	\$ 6,104,527.00	\$ (1,070,656.00)	82.46%
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	875,789.0% #	8,757.89	0.00	8,757.89	100.0%
3020 · Misc Income	0.00				1,376.00	1,376.00	0.00	137,600.0% #	1,376.00	0.00	1,376.00	100.0%
3021 · Grant Income	0.00				442.00	442.00	0.00	44,200.0% #	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	\$ 795,542.00	\$ 1,517,212.00	\$ (721,670.00)	52.43%	\$ 4,992,854.89	\$ 8,501,331.00	\$ (3,508,476.11)	58.73%	\$ 5,788,396.89	\$ 10,018,543.00	\$ (4,230,146.11)	57.78%
Expense												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 463,984.00	\$ 1,090,525.00	\$ (626,541.00)	42.55%	\$ 463,984.00	\$ 1,090,525.00	\$ (626,541.00)	42.55%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				16,867.43	40,000.00	-23,132.57	42.17%	16,867.43	40,000.00	-23,132.57	42.17%
3202 · Fixed Capital	0.00				5,713.97	150,000.00	-144,286.03	3.81%	5,713.97	150,000.00	-144,286.03	3.81%
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				23,414.09	205,000.00	-181,585.91	11.42%	23,414.09	205,000.00	-181,585.91	11.42%
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				9,931.83	60,000.00	-50,068.17	16.55%	9,931.83	60,000.00	-50,068.17	16.55%
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				17,545.79	130,000.00	-112,454.21	13.5%	17,545.79	130,000.00	-112,454.21	13.5%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				22,228.48	65,000.00	-42,771.52	34.2%	22,228.48	65,000.00	-42,771.52	34.2%
3402 · Buildings & Roads	0.00				31.25	15,000.00	-14,968.75	0.21%	31.25	15,000.00	-14,968.75	0.21%
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				22,272.18	85,000.00	-62,727.82	26.2%	22,272.18	85,000.00	-62,727.82	26.2%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				2,992.83	7,000.00	-4,007.17	42.76%	2,992.83	7,000.00	-4,007.17	42.76%
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				5,129.22	15,800.00	-10,670.78	32.46%	5,129.22	15,800.00	-10,670.78	32.46%
3504 · USA & Other Services	0.00				3,698.10	7,250.00	-3,551.90	51.01%	3,698.10	7,250.00	-3,551.90	51.01%
3505 · Miscellaneous	0.00				5,019.66	12,000.00	-6,980.34	41.83%	5,019.66	12,000.00	-6,980.34	41.83%
3506 · Training	0.00				1,826.93	3,000.00	-1,173.07	60.9%	1,826.93	3,000.00	-1,173.07	60.9%
Total 3500 · OTHER EXPENSES	0.00				18,666.74	50,800.00	-32,133.26	36.75%	18,666.74	50,800.00	-32,133.26	36.75%

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

	Fisheries				Operations				TOTAL			
	Jul - Dec 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Dec 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Dec 22	Budget	\$ Over / (Under) Budget	% of Budget
4100 · LABOR - FISHERIES	356,502.83	785,564.00	-429,061.17	45.38%	0.00				356,502.83	785,564.00	-429,061.17	45.38%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	13,656.69	30,000.00	-16,343.31	45.52%	0.00				13,656.69	30,000.00	-16,343.31	45.52%
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	13,656.69	122,500.00	-108,843.31	11.15%	0.00				13,656.69	122,500.00	-108,843.31	11.15%
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	2,668.63	7,000.00	-4,331.37	38.12%	0.00				2,668.63	7,000.00	-4,331.37	38.12%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	2,668.63	7,000.00	-4,331.37	38.12%	0.00				2,668.63	7,000.00	-4,331.37	38.12%
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				2,908.10	12,400.00	-9,491.90	23.45%	2,908.10	12,400.00	-9,491.90	23.45%
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				26,228.09	75,000.00	-48,771.91	34.97%	26,228.09	75,000.00	-48,771.91	34.97%
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				3,272.20	6,000.00	-2,727.80	54.54%	3,272.20	6,000.00	-2,727.80	54.54%
5311 · Office Equip/Leases	0.00				3,607.63	13,440.00	-9,832.37	26.84%	3,607.63	13,440.00	-9,832.37	26.84%
5312 · Misc Admin Expenses	0.00				7,419.63	14,000.00	-6,580.37	53.0%	7,419.63	14,000.00	-6,580.37	53.0%
5313 · Communications	0.00				4,220.57	9,500.00	-5,279.43	44.43%	4,220.57	9,500.00	-5,279.43	44.43%
5314 · Utilities	0.00				3,784.67	9,737.00	-5,952.33	38.87%	3,784.67	9,737.00	-5,952.33	38.87%
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				8,956.39	25,000.00	-16,043.61	35.83%	8,956.39	25,000.00	-16,043.61	35.83%
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				2,237.39	2,000.00	237.39	111.87%	2,237.39	2,000.00	237.39	111.87%
5331 · Public Information	0.00				1,170.00	3,500.00	-2,330.00	33.43%	1,170.00	3,500.00	-2,330.00	33.43%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				125,192.13	253,703.00	-128,510.87	49.35%	125,192.13	253,703.00	-128,510.87	49.35%
5299 · ADMIN LABOR	0.00				274,426.11	631,303.00	-356,876.89	43.47%	274,426.11	631,303.00	-356,876.89	43.47%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	2,622.00	25,000.00	-22,378.00	10.49%	0.00				2,622.00	25,000.00	-22,378.00	10.49%
5410 · Postage / Office Supplies	1,771.75	4,000.00	-2,228.25	44.29%	0.00				1,771.75	4,000.00	-2,228.25	44.29%
5411 · Office Equipment / Leases	1,870.55	8,533.00	-6,662.45	21.92%	0.00				1,870.55	8,533.00	-6,662.45	21.92%
5412 · Misc. Admin Expense	2,042.78	7,500.00	-5,457.22	27.24%	0.00				2,042.78	7,500.00	-5,457.22	27.24%
5413 · Communications	2,272.62	4,455.00	-2,182.38	51.01%	0.00				2,272.62	4,455.00	-2,182.38	51.01%
5414 · Utilities	2,037.90	5,243.00	-3,205.10	38.87%	0.00				2,037.90	5,243.00	-3,205.10	38.87%
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	4,822.66	15,000.00	-10,177.34	32.15%	0.00				4,822.66	15,000.00	-10,177.34	32.15%

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

	Fisheries				Operations				TOTAL			
	Jul - Dec 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Dec 22	Budget	\$ Over / (Under) Budget	% of Budget	Jul - Dec 22	Budget	\$ Over / (Under) Budget	% of Budget
	5425 · Employee Education/Subscription	250.00	2,500.00	-2,250.00	10.0%	0.00				250.00	2,500.00	-2,250.00
5426 · Director Fees	1,565.90	6,700.00	-5,134.10	23.37%	0.00				1,565.90	6,700.00	-5,134.10	23.37%
5427 · Director Mileage	0.00	300.00	-300.00	0.0%	0.00				0.00	300.00	-300.00	0.0%
5430 · Travel	3,484.92	2,500.00	984.92	139.4%	0.00				3,484.92	2,500.00	984.92	139.4%
5431 · Public Information	630.00	1,500.00	-870.00	42.0%	0.00				630.00	1,500.00	-870.00	42.0%
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	56,925.85	123,426.00	-66,500.15	46.12%	0.00				56,925.85	123,426.00	-66,500.15	46.12%
5499 · ADMIN LABOR-FISHERIES	110,470.69	274,622.00	-164,151.31	40.23%	0.00				110,470.69	274,622.00	-164,151.31	40.23%
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				4,700.00	10,000.00	-5,300.00	47.0%	4,700.00	10,000.00	-5,300.00	47.0%
6105 · ROW Management Program	0.00				0.00	20,000.00	-20,000.00	0.0%	0.00	20,000.00	-20,000.00	0.0%
6110 · SCADA Improvements & Support	0.00				1,668.16	35,000.00	-33,331.84	4.77%	1,668.16	35,000.00	-33,331.84	4.77%
6115 · COMB Blding Improvemnts & Maint	0.00				19,341.18	45,000.00	-25,658.82	42.98%	19,341.18	45,000.00	-25,658.82	42.98%
6138 · Cachuma Watershed Mgmt Study	0.00				785.95	50,000.00	-49,214.05	1.57%	785.95	50,000.00	-49,214.05	1.57%
Total 6199 · SPECIAL PROJECTS	0.00				26,495.29	160,000.00	-133,504.71	16.56%	26,495.29	160,000.00	-133,504.71	16.56%
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				3,211,394.93	4,400,000.00	-1,188,605.07	72.99%	3,211,394.93	4,400,000.00	-1,188,605.07	72.99%
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				3,251,538.08	5,890,000.00	-2,638,461.92	55.2%	3,251,538.08	5,890,000.00	-2,638,461.92	55.2%
6200 · PROGRAM SUPPORT SERVICES												
6201 · FMP Implementation	12.60	42,000.00	-41,987.40	0.03%	0.00				12.60	42,000.00	-41,987.40	0.03%
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	25,427.60	157,000.00	-131,572.40	16.2%	0.00				25,427.60	157,000.00	-131,572.40	16.2%
6300 · HABITAT IMPROVEMENT PROJECTS												
6207 · Oak Tree Restoration Program	1,071.48	18,000.00	-16,928.52	5.95%	0.00				1,071.48	18,000.00	-16,928.52	5.95%
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	1,071.48	28,000.00	-26,928.52	3.83%	0.00				1,071.48	28,000.00	-26,928.52	3.83%
Total Expense	\$ 567,083.94	\$ 1,517,212.00	\$ (950,128.06)	37.38%	\$ 4,223,534.41	\$ 8,501,331.00	\$ (4,277,796.59)	49.68%	\$ 4,790,618.35	\$ 10,018,543.00	\$ (5,227,924.65)	47.82%
Net Income	\$ 228,458.06	\$ -	\$ 228,458.06	100.0%	\$ 769,320.48	\$ -	\$ 769,320.48	100.0%	\$ 997,778.54	\$ -	\$ 997,778.54	100.0%

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 23, 2023
Submitted by:	Janet Gingras

SUBJECT: Investment Report – December 31, 2022

RECOMMENDATION

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

DISCUSSION

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

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

Unrestricted Cash

Unrestricted cash exceeding current operating needs is invested in LAIF to generate interest income. The average effective yield rate, as of December 2022, was unpublished as of January 19, 2023.

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

Table 1			
Unrestricted Reserve Funds			
Local Agency Investment Fund (LAIF)			
	11/30/2022	\$	1,551,319.22
(+) Deposits/Credits			-
(-) Checks/Withdrawals			(900,000.00)
Statement Balance	12/31/2022	\$	651,319.22

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	11/30/2022	\$	55,285.20
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	12/31/2022	\$	55,285.20
American Riviera Bank Warren Act Trust Fund			
Previous Balance	11/30/2022	\$	360,259.72
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	12/31/2022	\$	360,259.72

STATEMENT

The above statement of investment activity for the month of December 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 December 31, 2022

Date	Num	Name	Memo	Amount
1050 · General Fund				
12/07/2022	29752	Advanced Cable Systems	COMB Building Maintenance - Repair	-218.91
12/07/2022	29753	American Riviera Bank - Card Service	Website, Recruitment, Acrobat, Travel, Building Maintenance (Ops & Fisheries)	-2,009.05
12/07/2022	29754	Aqua-Flo Supply	EPF Secured Pipeline - Supplies	-379.47
12/07/2022	29755	Bartlett, Pringle & Wolf, LLP	Audit Services FY 21-22	-6,122.50
12/07/2022	29756	City of Santa-Barbara	Trash & Recycling October 2022	-336.17
12/07/2022	29757	Cox Communications Santa Barbara	Business Internet December 2022	-195.44
12/07/2022	29758	ECHO Communications	Message Service December 2022	-80.10
12/07/2022	29759	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality Sampling	-1,600.00
12/07/2022	29760	Famcon Pipe & Supply	Replenish Materials on Hand (Ops)	-13,406.16
12/07/2022	29761	Federal Express	Shipping (Ops & Fisheries)	-62.67
12/07/2022	29762	Harrison Hardware	Supplies (Ops)	-69.95
12/07/2022	29763	Home Depot Credit Services	Supplies (Ops)	-561.99
12/07/2022	29764	J&C Services	Office Cleaning Service - Weekly 11/4/22-11/23/22	-680.00
12/07/2022	29765	LoopUp, LLC	Conference Calls October 2022	-26.62
12/07/2022	29766	MarBorg Industries	Portable Facilities - Outlying Stations	-423.76
12/07/2022	29767	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 11/10/22 & 11/25/22	-207.60
12/07/2022	29768	SB Home Improvement Center	Supplies (Ops)	-162.18
12/07/2022	29769	Southern California Edison	Electricity - Main Office & Outlying Stations	-1,237.86
12/07/2022	29770	Sparkletts	Operations Safety	-57.93
12/07/2022	29771	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-162.25
12/07/2022	29772	Wells Fargo Vendor Fin Serv	Copier Lease Kyocera Taskalfa 6254ci	-303.41
12/07/2022	29773	WEX Fleet Universal	Fleet Fuel November 2022	-2,689.99
12/07/2022	29774	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance November 2022	-480.00
12/20/2022	29775	A-OK Power Equipment-SB	Equipment (Ops)	-139.68
12/20/2022	29776	Association of Ca Water Agencies/JPIA	January 2023 Health Benefits Premium	-28,122.60
12/20/2022	29777	AT&T	Long Distance Service 10/27/22-11/27/22	-36.83
12/20/2022	29778	Coastal Copy, LP	Copier Maintenance - Kyocera Taskalfas 3253ci & 6054ci	-246.96
12/20/2022	29779	Cushman Contracting Corp.	EPFP Pumping System - Pay Req 104	-3,500.00
12/20/2022	29780	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality Sampling	-1,600.00
12/20/2022	29781	Federal Express	Shipping (Ops)	-154.66
12/20/2022	29782	Frontier Communications	Phone Service - Main Office Land Lines	-115.52
12/20/2022	29783	Geosyntec Consultants	Lake Cachuma Water Quality & Sediment Study - Professional Services	-624.95
12/20/2022	29784	Impulse Advanced Communications	Phone Service - Main Office	-867.53
12/20/2022	29785	PG&E	Electricity - North Portal	-387.07
12/20/2022	29786	SWRCB Fees	Annual Permit Fee - Ortega Reservoir 7/1/22-6/30/23	-3,274.00
12/20/2022	29787	Tri-County Locksmiths, Inc	Duplicate keys (Ops)	-31.25
12/20/2022	29788	Trenchalk Network Services, Inc.	Network Support November 2022 (Ops & Fisheries)	-2,225.80
12/20/2022	29789	Verizon Wireless	Cellular Services - Phones, Modems, SCADA (Ops)	-682.47
12/21/2022	29790	Cushman Contracting Corp.	EPF Secured Pipeline - Construction Services	-815,985.02
12/21/2022	ACH	American Riviera Bank - Card Service	Supplies (Ops & Fisheries)	-272.26
Total 1050 · General Fund				<u>-889,740.61</u>
TOTAL				<u>-889,740.61</u>

APPROVALS

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CACHUMA OPERATION & MAINTENANCE BOARD

Operations Committee Meeting

Wednesday, January 18, 2023
2:00 P.M.

AGENDA

Chair: Director Holcombe

Alternate Member: Director Hanson

1. Call to Order
2. Public Comment (*Public may address the Committee on any subject matter not on the agenda and within the Committee's jurisdiction*)
3. January 2023 Storm Infrastructure Damage – Declared Emergency Work (*for information and possible recommendation*)
4. State of California - Division of Drinking Water (DDW) Permit Fees (*for information and possible recommendation*)
5. Proposed Cross Connection Control Policy (*for information and possible recommendation*)
6. Infrastructure Improvement Projects (IIP) (*for information and possible recommendation*)
 - a. Secured Pipeline Project – Status Report and Additional Expenditures
7. Adjournment

NOTICE TO THE PUBLIC

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

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

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

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 23, 2023
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: **Resolution No. 772 – 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. 772 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, 118,014 in total. Over the past week, the county has averaged 77 new cases and 0.3 new deaths per day. On Tuesday, 530 new cases and 2 deaths were reported. There are now 47 patients admitted to county hospitals with a confirmed case of COVID-19, a change of -7.8% from two weeks ago. Of those, 4 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. 772

RESOLUTION NO. 772

**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 JANUARY 24, 2023 TO FEBRUARY 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 January 24, 2023, and shall be effective until the earlier of (i) February 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 January 23, 2023, by the following roll call votes:

AYES:

NAYES:

ABSENT:

ABSTAINED:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 23, 2023
Submitted by:	Janet Gingras

SUBJECT: Resolution No. 773 - Declaration of Emergency, Authorization for Performance of Remedial Work without Competitive Bid Solicitation, Declaring Project exempt from CEQA, and Making Necessary Findings Thereof

RECOMMENDATION:

The Board of Directors review the staff report and adopt Resolution No. 773 to declare an emergency, authorize the General Manager to contract for performance of the emergency remedial work without competitive bid solicitation, declare emergency projects exempt from CEQA, and authorize the filing of a Notice of Exemption with the County of Santa Barbara.

SUMMARY:

On January 8, 2023, President Joseph R. Biden, Jr. declared that an emergency exists in the State of California and ordered Federal assistance to supplement State, tribal, and local response efforts due to the emergency conditions resulting from successive and severe winter storms, flooding, and mudslides beginning on January 8, 2023, and continuing.

The President's action authorizes the Department of Homeland Security, Federal Emergency Management Agency (FEMA), to coordinate all disaster relief efforts which have the purpose of alleviating the hardship and suffering caused by the emergency on the local population, and to provide appropriate assistance for required emergency measures, authorized under Title V of the Stafford Act, to save lives and to protect property and public health and safety, and to lessen or avert the threat of a catastrophe in the counties of El Dorado, Los Angeles, Mariposa, Mendocino, Merced, Monterey, Napa, Placer, Riverside, Sacramento, San Bernardino, San Mateo, Santa Clara, Santa Cruz, Sonoma, Stanislaus, and Ventura.

On January 11, 2023, the White House announced an Amendment to the Emergency Declaration authorizing FEMA to extend Direct Federal Assistance to 14 additional counties in California, including Santa Barbara County. This declaration ensures that federal funds are available for emergency response and eligible disaster recovery costs. FEMA coordinates with Cal OES to implement the Public Assistance (PA) Grant Program.

The January storm events and subsequent debris flows have caused damage to South Coast Conduit appurtenant structures and facilities. In particular:

- **Lauro Reservoir** – landslide/erosion activity with a portion of the side-channel access road failing.
- **Glen Anne** – mudslides and boulders on the access road.
- **Sheffield Control Station** – large boulders near the parking lot and roadway covered with sediment requiring emergency removal.
- **South Coast Conduit Appurtenant Structures** – Montecito Creek blowoff was buried by sediment and will need to be recovered. Toro Canyon blowoff structure displaced and buried during debris flow event.
- **Sycamore Canyon** – boulders supporting embankment slid into creek.
- **Carpinteria** – toe drain impacted by debris and sediment.

The attached resolution would provide the required determination that an emergency condition exists pursuant to Public Contract Code sections 20806 and 1102. This determination would exempt COMB from competitive bidding requirements and allow staff to immediately proceed, as soon as feasible, with construction activities to address emergency conditions. The resolution would authorize the General Manager to proceed with emergency projects and expend necessary funds. Resolution No. 773 further finds that the proposed emergency work is statutorily exempt from environmental review under the California Environmental Quality Act and authorizes the filing of a Notice of Exemption (NOE). Once FEMA representatives perform a site visit and inspect the damaged facilities, staff will immediately proceed with the necessary repairs to return the system to operational condition. Staff expects to engage a qualified contractor on an emergency basis to repair the damaged structures.

FISCAL IMPACTS:

The expenditures affiliated with executing the emergency response efforts are included in the fiscal year 2022-23 operating budget. No additional request for budgeted funds would be required.

LEGAL CONCURRENCE:

Legal Counsel has reviewed the attached resolution as presented to the Board.

ENVIRONMENTAL COMPLIANCE:

Adopting Resolution No. 773 provides statutory exemption from environmental review under the California Environmental Quality Act and authorizes the filing of a Notice of Exemption (NOE) with the Clerk of the Board of Supervisors, County of Santa Barbara.

COMMITTEE STATUS:

The Operations Committee reviewed the staff report and forwards Resolution No. 773 to the Board with a recommendation to adopt the Resolution which will declare an emergency, authorize the General Manager to contract for performance of the emergency remedial work without competitive bid solicitation, declare emergency projects exempt from CEQA, and authorizes the filing of a Notice of Exemption with the County of Santa Barbara.

LIST OF EXHIBITS:

- 1) Resolution No. 773

RESOLUTION NO. 773

**A RESOLUTION OF THE GOVERNING BOARD OF
THE CACHUMA OPERATION AND MAINTENANCE BOARD
DECLARING AN EMERGENCY WITH REGARD TO CERTAIN AGENCY FACILITIES,
AUTHORIZING REMEDIAL WORK TO BE PERFORMED WITHOUT COMPETITIVE
BIDDING, DECLARING THE PROJECT TO BE EXEMPT FROM THE REQUIREMENTS
OF THE CALIFORNIA ENVIRONMENTAL QUALITY ACT, AND MAKING NECESSARY
FINDINGS THEREOF**

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 City of Santa Barbara, the Goleta Water District, the Montecito Water District, and the Carpinteria Valley Water District; and

WHEREAS, COMB operates and maintains Cachuma Project facilities, including the South Coast Conduit (“SCC”), pursuant to a Transfer of Operation and Maintenance Contract with the United States Bureau of Reclamation (“Reclamation”); and

WHEREAS, COMB has the power to perform all acts necessary to carry out fully the provisions of the Transfer of Operation and Maintenance Contract; and

WHEREAS, several fires have occurred recently in Santa Barbara County (“County”) resulting in burn scar areas that are susceptible to potential debris flows and severe flooding due to storms or soil saturation, including the Thomas, Alisal, Cave and Whittier Fire burn scar areas, which are within the watershed of the Cachuma Project; and

WHEREAS, on January 3, 2023, the National Weather Service issued wind and coastal flood advisories, in addition to high wind warnings advising of the potential for damaging winds that may potentially impact trees, power lines and other large objects; and

WHEREAS, on January 4, 2023, the Governor of the State of California proclaimed a State of Emergency to exist throughout California resulting from winter storms; and

WHEREAS, the National Weather Service issued a Flood Watch due to heavy rainstorms countywide in the County for January 4 and 5, 2023, with the heaviest rainfall expected on the South Coast of the County; and

WHEREAS, on January 4, 2023, an evacuation order was issued by the County for vulnerable sections of the Thomas, Alisal and Cave Fire burn scar areas; and

WHEREAS, heavy rainstorms fell on January 4 and 5, 2023, and resumed again countywide on January 9, 2023; and

WHEREAS, on January 9 and 10, 2023, the County experienced intense and historic rainfall amounts in the watershed of the Cachuma Project, the runoff of which produced mud and debris flows resulting in damage to Cachuma Project facilities and appurtenant structures; and

WHEREAS, on January 8, 2023, President Joseph R. Biden, Jr. declared that an emergency exists in the State of California and ordered Federal assistance to supplement State, tribal and local response efforts due to the emergency conditions resulting from successive and severe winter storms, flooding and mudslides beginning on January 8, 2023, and continuing; and.

WHEREAS, on January 10, 2023, the County Board of Supervisors ratified a proclamation of the existence of an emergency as proclaimed by the County Director of Emergency Services; and

WHEREAS, failure to undertake remedial measures in advance of future rain events could result in damage to the underlying SCC pipeline of which the appurtenant structures are attached and as such, requires immediate corrective action and expenditure of COMB funds to prevent such failure, and to protect water supply, the environment and the provision and maintenance of public services essential to the public health, safety and welfare; and

WHEREAS, the sudden and unexpected damage to appurtenant facilities as described herein constitutes an “emergency” for purposes of Public Contract Code sections 20806 and 1102, as well as Public Resources Code section 21060.3 (the "Emergency"); and

WHEREAS, the existing conditions will not allow for a prolonged delay resulting from a competitive solicitation for bids for the corrective action (the “Work”), and immediate action is necessary to respond to the emergency, pursuant to Public Contract Code section 22050; and

WHEREAS, the Work to be performed is statutorily exempt from environmental review under the California Environmental Quality Act pursuant to Public Resources Code sections 21080(b)(2) and 21080(b)(4) and 14 Cal. Code of Regs. sections 15269(b) and 15269(c).

NOW, THEREFORE, BE IT RESOLVED by the Governing Board of Directors of the Cachuma Operation and Maintenance Board as follows:

1. The Governing Board finds and determines that the facts set forth in the above recitals and in the documents referenced herein are true and correct.
2. The Governing Board further finds, pursuant to Public Contract Code section 22050(a)(2), that the emergency will not allow a delay resulting from a competitive solicitation for bids, and that immediate commencement of the Work is necessary to respond to the emergency.
3. Pursuant to Public Contract Code section 22050(b)(1), the Board directs the General Manager to immediately proceed with and expend funds for the Work, without giving notice for competitive bids.
4. The Board further finds that the Work is statutorily exempt from environmental review under the California Environmental Quality Act pursuant to Public Resources Code sections 21080(b)(2) and 21080(b)(4), and 14 Cal. Code of Regs. sections 15269(b) and 15269(c). The Board hereby directs staff to file a Notice of Exemption with the Clerk of the Board of Supervisors for the County of Santa Barbara.

5. The above recitals are incorporated herein by reference and adopted as findings.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board, this 23rd day of January 2023, by the following roll call vote:

AYES:

NAYES:

ABSENT/ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 23, 2023
Submitted by:	Joel Degner
Approved by:	Janet Gingras

SUBJECT: State of California - Division of Drinking Water (DDW) Permit Fees

RECOMMENDATION:

The Board of Directors review the staff memorandum and approve the associated costs for COMB's State of California Drinking Water Permit (D3) as outlined in the staff memorandum.

BACKGROUND:

The South Cost Conduit (SCC) is a water conveyance (transmission) pipeline serving the water agencies on the South Coast of Santa Barbara County and was built as part of the Cachuma Project (CP) in the 1950s by the U.S. Bureau of Reclamation (Reclamation). The Cachuma Project is currently owned by Reclamation and is operated and maintained by COMB, a California Joint Powers Agency, through a transfer of project works contract. COMB was formed in 1956 pursuant to an agreement between Reclamation and the water agencies. The water agencies utilizing the SCC for water deliveries consist of COMB member agencies which are the Goleta Water District (GWD), the City of Santa Barbara (City), Montecito Water District (MWD) and Carpinteria Valley Water District (CVWD). The agreement transferred to the Member Agencies the responsibility to operate, repair and maintain the Cachuma Project facilities with the exception of Bradbury Dam. COMB's responsibilities include diversion and control of untreated Lake Cachuma water through the Tecolote Tunnel, operation and maintenance of the SCC pipeline, flow control valves, meters, control station instrumentation, turnouts and four regulating reservoirs. As designed by Reclamation, the South Coast Conduit is divided into two sections: Goleta and Carpinteria. The South Coast Conduit – Goleta Section (SCC – GS) starts at the South Portal of the Tecolote Tunnel and ends at Lauro Reservoir, conveying raw water from Lake Cachuma to Lauro Reservoir. The South Coast Conduit – Carpinteria Section (SCC-CS) starts at Cater Water Treatment Plant and ends at Carpinteria Reservoir, conveying treated water.

With respect to water quality, the Member Agencies entered into agreements in 1957 and 1958 which delegated and assigned the responsibility of water treatment to the Member Agencies. In addition, on October 7, 1980, Reclamation entered into a cooperative agreement with the City of Santa Barbara (No. 0-07-20-L1582) which provided for alterations to the SCC for water treatment purposes. Prior to building the regional Cater Water Treatment Plant, COMB controlled all SCC water deliveries along the Carpinteria Section of the SCC. However, with the Cater facility in operation, Cachuma Project water is now treated and pumped by the City of Santa Barbara into the South Coast Conduit and the flow between Ortega and Carpinteria Reservoirs is also controlled by the Cater Treatment Plant operators on a day to day basis.

The SCC-CS contains potable water and its system infrastructure is now permitted as a D3 wholesaler (since February 2022) by the State of California Division of Drinking Water. Reclamation had previously recommended that COMB obtain a conveyance permit to convey potable water from Cater Water Treatment Plant to Carpinteria Dam in accordance with the California Department of Public Health and provide a copy to Reclamation (Recommendation 2013-2-R). COMB applied for a domestic water supply permit in February 2020 to the California Division of Drinking Water (DDW) for a D3 system. DDW performed a site inspection on August 6, 2020 and provided COMB with a final draft permit and engineering report on November 10, 2020.

PERMIT COSTS:

At the time of application for the D3 Drinking Water Permit in 2020, staff outlined to the Board an understanding of the costs for a community water system to become permitted. According to the public water system fee schedule issued by the State of California, COMB would be charged \$275 annually for the permit fee along with additional costs for a discharge permit and other ancillary costs associated with becoming a permitted water agency. The annual costs totaled approximately \$8,384 at that time, including application fees.

Staff has recently been informed by the local water Board staff that COMB is classified as a wholesale water agency and our newly acquired annual permit fees as a wholesaler will be a flat rate of \$9,518 plus \$2.17/MG delivered through the *potable* portion of the system. The total annual cost is approximately \$15,572.

It has been explained by DDW staff that COMB is being charged as a wholesale agency which provides for a limited monitoring schedule (less testing and costs) as compared to a community water system, since we do not serve consumers directly. For COMB, DDW is charging only for the volume of potable water that is moved through the SCC from Cater Treatment Plant to Carpinteria Reservoir, even though the intake portal, emergency barge, tunnel and the untreated portion of the SCC are critical components of the Cachuma Project and are described in COMB's water supply permit. The annual fee covers all DDW activities including permitting, reporting, plan review, regulatory oversight, etc.

BENEFITS

The benefits of having a domestic supply permit for the CP-SCC-CS include:

- Ensure compliance with existing regulations
- Completion of a Reclamation Category 2 recommendation
- Improved capability to retain staff through additional certifications (COMB has been functionally operating as a D3 for years, but has been unable to allow previous lead operators who passed D3 exams and met requirements to attain certification which has led to the loss of experienced staff in the past)
- Allows additional funding opportunities for projects (access to SRF loans)
- Allows simpler discharge permit reporting for dewatering in the potable section
- Provides documentation and support from DDW to maintain Lake Cachuma as a non-contact recreation reservoir

SUMMARY

COMB staff maintains that the annual permit fee and drinking water discharge permit costs are for the sole benefit of water quality protection and improvement for potable water and should be reimbursed by the City of Santa Barbara under the existing 1980 cooperative agreement with the Bureau of Reclamation. Staff proposes to utilize unexpended funds from fiscal year 2022 to pay for the unexpected costs associated with the permit. The 2022 unexpended funds would be requested from the City, Montecito Water District, and Carpinteria Valley Water District for their proportionate share of the \$15,572 permit fees. The fees do not apply to deliveries in the Goleta Section of the South Coast Conduit.

MEMBER AGENCY	ENTITLEMENT (AFY)	COST SHARE (%)	ALLOCABLE AMOUNT \$15,572
CITY OF SANTA BARBARA	8,277	60.2%	9,379.92
CARPINTERIA VALLEY WD	2,813	20.5%	3,187.83
MONTECITO WATER DISTRICT	2,651	19.3%	3,004.25
SUBTOTAL	13,741	100.0%	\$ 15,572.00

COMMITTEE STATUS:

The Operations Committee reviewed the staff memorandum and associated costs for COMB's State of California Drinking Water Permit (D3) and forwards to the Board with a recommendation to approve the associated expenditures as outlined in the staff memorandum.

LIST OF EXHIBITS:

N/A

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 23, 2023
Prepared by:	Joel Degner
Approved by:	Janet Gingras

SUBJECT: Resolution No. 774 - Cross Connection Control Policy

RECOMMENDATION:

The Board of Directors receive information on the Cross Connection Control Policy and adopt Resolution No. 774 approving the policy.

SUMMARY:

Water provided by a public water system may be contaminated via cross-connections within the distribution system. The purpose of a cross-connection control program is to reduce the hazard of contamination of the public water system by identifying actual and potential cross-connections and taking action to protect the system from these hazards. This is accomplished by installing backflow prevention assemblies where hazards are identified; or ensuring that water-using equipment on the premises is installed in accordance with plumbing code requirements and good practice.

Cross-connections are actual and potential unprotected connections between a potable water system and any source or system containing unapproved water or a substance which is not safe. Examples of cross-connections include: 1) Improperly installed irrigation systems that may allow back-siphonage of stagnant, bacteriologically unsafe water into the piping system; 2) Improperly plumbed water-using devices such as hot-tubs, boilers or commercial dishwashers which may allow unsafe water back into the domestic piping system; 3) Irrigation systems served by an auxiliary source, such as a private well or creek. Such systems create a potential for major contamination of the public water system via interties with the domestic piping system. 4) Interconnections between the potable system and a non-potable system.

Section 7584 of the California Code of Regulations requires that each public water system have a cross connection control program in place. Initial elements of the program would consist of:

- Adoption of a policy to implement the cross-connection control program to establish the legal authority to carry out the program;
- Implementation of a system survey to identify actual and potential cross-connection hazards;
- Abatement of hazards by the installation of backflow prevention assemblies (if necessary) in order to eliminate hazards or provide internal cross-connection protection.

Attached is the proposed COMB Cross Connection Control Policy which outlines the purpose, responsibility, background, and procedure for the program. The Operations Committee recommends forwarding the policy to the Board of Directors for adoption.

FISCAL IMPACTS:

Costs to implement the policy/program are included in the COMB Annual Operating Budget.

LEGAL CONCURRENCE:

Legal Counsel has reviewed the proposed policy and associated resolution.

ENVIRONMENTAL COMPLIANCE:

All aspects of environmental compliance will be met during inspections and implementation of the program.

COMMITTEE STATUS:

The Operations Committee received information on the proposed Cross Connection Control Policy and forwards the proposed Policy to the Board of Directors with a recommendation to adopt the policy.

LIST OF EXHIBITS:

1. Cross Connection Control Policy
2. Resolution No. 774



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

Approval Date:	POLICY TITLE	Policy No.: X.X
	CROSS CONNECTION CONTROL PROGRAM	Page 1 of 4

CROSS CONNECTION CONTROL PROGRAM

1.0 PURPOSE

The purpose of this policy is to protect the public water supply system from contamination due to potential and actual cross-connections. This shall be accomplished by the establishment of a cross-connection control program as required by state regulations. This policy is adopted pursuant to Title 17, Section 7583-7605, inclusive, of the California Code of Regulations.

2.0 RESPONSIBILITY

The Chief Distribution Operator (CDO) shall be responsible for implementing and enforcing the cross-connection control program for COMB. Since COMB does not directly provide connection and service to residential, industrial, and commercial customers, it is the responsibility of COMB's Member Agencies to maintain separate cross-connection control programs for the protection of the public water supply system. COMB's CDO will annually verify that each of its Member Agencies is implementing a cross connection control program to prevent cross-connections to the South Coast Conduit – Carpinteria Section and ensure that there are no potential cross-connections between the non-potable water supply that COMB conveys and the potable water supply in the South Coast Conduit - Carpinteria Section.

3.0 BACKGROUND

Water provided by a public water system may be contaminated via cross-connections within the distribution system. The purpose of the cross-connection control program is to reduce the hazard of contamination of the public water system by identifying actual and potential cross-connections and taking action to protect the system from these hazards. This is accomplished by installing backflow prevention assemblies where hazards are identified; or ensuring that water-using equipment on the premises is installed in accordance with plumbing code requirements and good practice.

A cross connection control program is a requirement of Domestic Water Supply Permit (04-06-22P-003).

Term 13. COMB shall maintain an active Cross-Connection Control Program in accordance with California Code of Regulations, Title 17, Section 7584. Cross-connection surveys shall be conducted yearly by a person who is qualified in cross-connection control. All cross connections shall be abated within 30 days of their identification. COMB shall submit an annual report to the State of California Division of Drinking Water (DDW) outlining the cross-connection control program for the previous year including the name and certification of the person assigned to the program, number of inspections made, number of backflow devices installed in the system and the number of devices tested and repaired.

Cross-connections are actual and potential unprotected connections between a potable water system and any source or system containing unapproved water or a substance which is not safe.

Examples of cross-connections include:

1. Improperly installed irrigation systems that may allow backsiphonage of stagnant, bacteriologically unsafe water into the piping system.
2. Improperly plumbed water-using devices such as hot-tubs, boilers or commercial dishwashers which may allow unsafe water back into the domestic piping system.
3. Irrigation systems served by an auxiliary source, such as a private well or creek. Such systems create a potential for major contamination of the public water system via interties with the domestic piping system.
4. Interconnections between the potable system and a non-potable system.

Section 7584 of the California Code of Regulations requires that each public water system have a cross connection control program that includes these elements:

1. The adoption of operating rules or ordinances to implement the cross-connection program.
2. The conducting of surveys to identify water user premises where cross-connections are likely to occur.
3. The provisions of backflow protection by the water user at the user's connection or within the user's premises or both.
4. The provision of at least one person trained in cross-connection control to carry out the cross-connection program.
5. The establishment of a procedure or system for testing backflow preventers.
6. The maintenance of records of locations, tests, and repairs of backflow preventers.

COMB operates two separate pipelines – the South Coast Conduit – Goleta Reach, which delivers raw water from Lake Cachuma and the South Coast Conduit – Carpinteria Reach, which distributes treated water from Cater Treatment. Originally these pipelines were connected and the raw water from Lake Cachuma was chlorinated at the North Portal of the Tecolote Tunnel. However, with the installation of Corona del Mar and Cater Treatment plants, the chlorination system at Lake Cachuma was removed and untreated water is delivered through the South Coast Conduit – Goleta Reach. Modifications were made in 1980 for Cater Treatment Plant which resulted in only treated water from Cater Treatment Plant being delivered to the South Coast Conduit - Carpinteria Section.

A potential cross-connection between the potable and non-potable pipelines was created in the 1980s with modifications for Cater Water Treatment Plant. Two valves were utilized to separate the systems from each other. However, the raw water typically conveys under higher pressure than the potable water section and if both valves leaked, non-potable water could enter the potable system. In October 1998, based on direction from the Department of Health Services, COMB staff removed a 36" diameter pipe spool piece from the valve pit at Lauro Yard, and installed a 36" diameter blind flange to seal off the 36-inch diameter gate valve. The spool was painted red and labeled as requested by the Department of Health Services and is stored adjacent to the valve pit in the event of an emergency. Since 1998, the raw water from Cachuma is completely separated from the potable water by a closed gate valve, blind flange and an air gap.

COMB has three separate public water supply systems that it conveys potable water to through the South Coast Conduit – Carpinteria Section: City of Santa Barbara, Montecito Water District, and Carpinteria Valley Water District. There are three main pressure zones in the system. Zone 1 extends from the South Coast Booster Pumps to Barker Pass Air Vent; Zone 2 extends from Barker Pass Air Vent to Ortega Reservoir; Zone 3 extends from Ortega Reservoir to Carpinteria Reservoir. For cross-connection control, COMB relies on the water districts it serves to maintain cross connection control on each of their service connections.

4.0 PROCEDURE

The cross connection control program has two components:

1. Annually review the cross connection control survey programs and reportings for each water agency that COMB provides potable water to and summarize the program and survey results in a report to DDW.
2. Annually review the potable/non-potable separation of water between the South Coast Conduit – Goleta Section (non-potable) and the South Coast Conduit – Carpinteria Section (potable).

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RESOLUTION NO. 774

**RESOLUTION OF THE GOVERNING BOARD OF THE
CACHUMA OPERATION & MAINTENANCE BOARD
ADOPTING A CROSS CONNECTION CONTROL POLICY**

RECITALS

WHEREAS, the Cachuma Operation & Maintenance Board (“COMB”) is a joint powers authority and public entity, organized and existing in the County of Santa Barbara in accordance with Government Code Section 6500 *et seq.*, and operating pursuant to the 1996 Amended and Restated Agreement for the Establishment of a Board of Control to Operate and Maintain the Cachuma Project - Cachuma Operation And Maintenance Board, dated May 23, 1996 (“Amended and Restated Agreement”), as amended by an Amendment to the Amended and Restated Agreement made effective September 16, 2003, and a Second Amendment to the Amended and Restated Agreement made effective November 20, 2018 (collectively the “Joint Powers Agreement”); 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, in February 2022, COMB became a permitted water agency through the State of California Division of Drinking Water Domestic Water Supply permit process; and

WHEREAS, as a requirement of the Domestic Water Supply Permit (04-06-22P-003) (“Permit”) issued to COMB and in accordance with the California Code of Regulations, Title 17, Section 7584, COMB shall maintain an active Cross Connection Control Program; and

WHEREAS, the purpose of the Cross Connection Control Program is to reduce the hazard of contamination of the public water system by identifying actual and potential cross-connections and taking action to protect the system from these hazards; and

WHEREAS, on January 18, 2023, the COMB Operations Committee reviewed the proposed Cross Connection Control Policy and forwarded that document to the COMB Governing Board with a recommendation to approve it.

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

1. The Governing Board finds and determines that the facts set forth in the above recitals and in the documents referenced herein are true and correct.
2. The Governing Board approves and adopts the Cross Connection Control Policy, as set forth in the accompanying staff memorandum and Exhibit 1 of the memorandum.
3. This Resolution shall take effect immediately.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board, this 23rd day of January 2023, by the following roll call vote:

Ayes:

Nays:

Absent:

Abstain:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 23, 2023
Submitted by:	Joel Degner
Approved by:	Janet Gingras

SUBJECT: Resolution No. 775 - Lake Cachuma Emergency Pumping Facility Secured Pipeline Project - Status Report / Approval of Additional Project Expenditures

RECOMMENDATION:

The Board of Directors receive a status report on the Lake Cachuma Emergency Pumping Facility Secured Pipeline Project including a description of extra costs and adopt Resolution No. 775 approving additional project expenditures.

SUMMARY:

Project Description: This project is the installation of a water pipeline secured to the bottom of Lake Cachuma (lake) and connected to the Tecolote Tunnel Intake Tower (intake tower) located on the south side and toward 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 a pipeline and floating pumping system to maintain deliveries. This project involved 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 was 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 (CCC). The Bureau of Reclamation provided COMB with an MP-620 permit for design modifications of the Cachuma Project. All permits for the project were secured. COMB contracted with Flowers and Associates, Inc. (Flowers) to provide construction management services during construction and Makai Ocean Engineering (Makai) 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 started from the Tecolote Tunnel Intake Tower which is located mid-reservoir and extended 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 1/23 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)	108
Remaining Time (WDs to complete all work)	12
Time Elapsed (WD) to Date (%)	90%

*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 were provided by Cushman and reviewed by Makai, Flowers, and COMB. All project components were manufactured and delivered to the site. CCC had 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 allowed 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 were delivered on site (81 - 50' lengths of pipe were delivered). Concrete anchor fabrication was initiated following the completion and verification of a prototype. All 162 concrete anchors manufactured by Universal Precast Concrete were 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 was completed. There were no issues with water quality related to the dredging activities near the tower. The Gate 5 intake box was removed and 100 feet of existing HDPE pipeline was 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 were installed on the pipeline and the pipeline was towed into its final alignment. A stationary barge with air release fittings was set at the end of the pipe and a pump system was set up near the start of the pipeline at the intake tower. On 12/20/2022, the pipeline was carefully filled with water and air released to sink the pipeline to the bottom of the lake. The sinking process took 12 hours. Following deployment to the bottom, the pipeline was pressure tested and a small leak on one of the blind flange fittings used for deployment was found and repaired. The intake screen piles were driven and the intake screen and elbow installed on the lake bottom, with the intake screen set between 660'-664' to match the Gate 5 drafting elevation at the tower. A connection spool was fused to the appropriate length and installed between the elbow on the intake screen and the holdfast requiring over 14 hours of diver time. The holdfast piles were driven at the intake screen and all the piles were cut off under water to their designation cutoff elevation. The holdfast piles were driven at the intake tower and piles cut off as well. All the equipment from the staging area was removed. 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 and were on-site during the day of deployment to provide observation and assistance. Photos of the current construction efforts are provided as exhibits.

Work Projected for Next Month: CCC still has the working barge on the lake and plans to demobilize the barge in the near future. Due to the sudden lake rise, the County, Reclamation, and CCWA engaged CCC to perform emergency protective measures for the CCWA pipeline, HCWS system, and Lake Marina.

Due to the high turbidity from the storms, a post-installation diver video inspection was not possible. COMB was issued a credit for this survey component of the project is contracting Reese Surveying to perform a sonar survey of the final pipeline alignment.

Change in Quantities, Extra Work: The length of support piles needed to provide support of the holdfast and intake screen were an estimated quantity prior to construction and the actual length need was dependent on the strength of the material encountered on the lake bottom. The length of installed piles in the original contract was 240 feet and the final installed length was 312 feet. Piles needed to be driven deeper to engage more competent material on the lake bottom to support the intake screen and the holdfasts. Based on the unit price provided for installed piles, this increased the project cost by \$161,000. In addition, CCC provided four extra work tickets – two related to improving the intake screen box and two related to the differential in cost between standard hours and the overtime hours needed to complete elevation-dependent portions of the project before the storm on 1/9/23. COMB authorized Cushman to work overtime and the New Year's holiday weekend to complete as much work as possible prior to forecasted storms that could cause an increase in lake elevation. In addition, COMB incurred additional costs in expediting the elastomeric compensators which were a key critical path component of the project. Overall, the extra quantities and extra work equates to \$260,000.

Due to the extremely high sedimentation observed from the 1/9/23, the intake screen cleaning brushes may be impacted by sedimentation. COMB may need to request extra work for the cleaning of the intake screen which may cost an additional \$15,000 for a total expected increase in project construction costs of \$275,000. The increases in construction costs were within 10% of the overall contract value and, based on COMB's procurement policy, within the limits of the General Manager authority to approve.

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 commitments are presented below in Table 1. The overall project construction costs are expected to increase by \$275,000. Some of the other planned costs have been less than expected. The net increase in budget needed to cover the increase in cost is estimated to be ~\$200,000 for a total budget of \$4,600,000 for the project needed in FY 2022-23. Due to a shift in schedule on completing other infrastructure improvement projects, budgeted funds are available to cover the aforementioned costs.

LEGAL CONCURRENCE:

COMB legal counsel has reviewed all contract documents related to the project including the attached resolution.

ENVIRONMENTAL COMPLIANCE:

All permits have been obtained and have been followed.

COMMITTEE STATUS:

The Operations Committee received a staff report on the Lake Cachuma Emergency Pumping Facility Secured Pipeline Project and forwards to the Board with a recommendation to adopt Resolution No. 775 approving additional project expenditures.

Table 1: Secured Pipeline Project Revenues/Commitments

Revenues	FY 2021-2022	FY 2022-2023	Total
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
Contracts/Commitments			
CCC Construction Contract	\$154,560	\$4,003,475	\$4,158,035
CCC Construction Change in Quantity/Extra work		\$275,000	\$275,000
Flowers and Associates Construction Management	\$6,806	\$136,525	\$143,330
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	\$30,000	\$69,798
Total	\$331,163	\$4,577,000	\$4,908,163
Differential	\$20,837	(\$177,000)	(\$156,163)

CCC Contract Extra Work/Quantity Changes	
Tower Box Cleanup, Paint, Stud Replacement, Deflection Prevention	\$ 16,968
Four Additional Flanges for Check Valve	\$ 35,117
EPDM Spring Compensator Credit	\$ (65,687)
Changes in Quantities (+72 FT piles, -1 weight, -1 survey)	\$ 155,255
Overtime Due to Weather Patterns (12/27 to 1/6)	\$ 16,957
Sub Total	\$ 158,610
Other Costs	
Engineered Polymers - EPDM Compensator Springs	\$ 91,374
Fish Screen Cleaning - Post Rain Event	\$ 15,000
Log Boom Repair - Post Rain Event	\$ 10,000
Sub Total	\$ 116,374
Total CCC Construction Change in Quantity / Extra Work	\$ 274,984

LIST OF EXHIBITS:

1. Resolution No. 775

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.

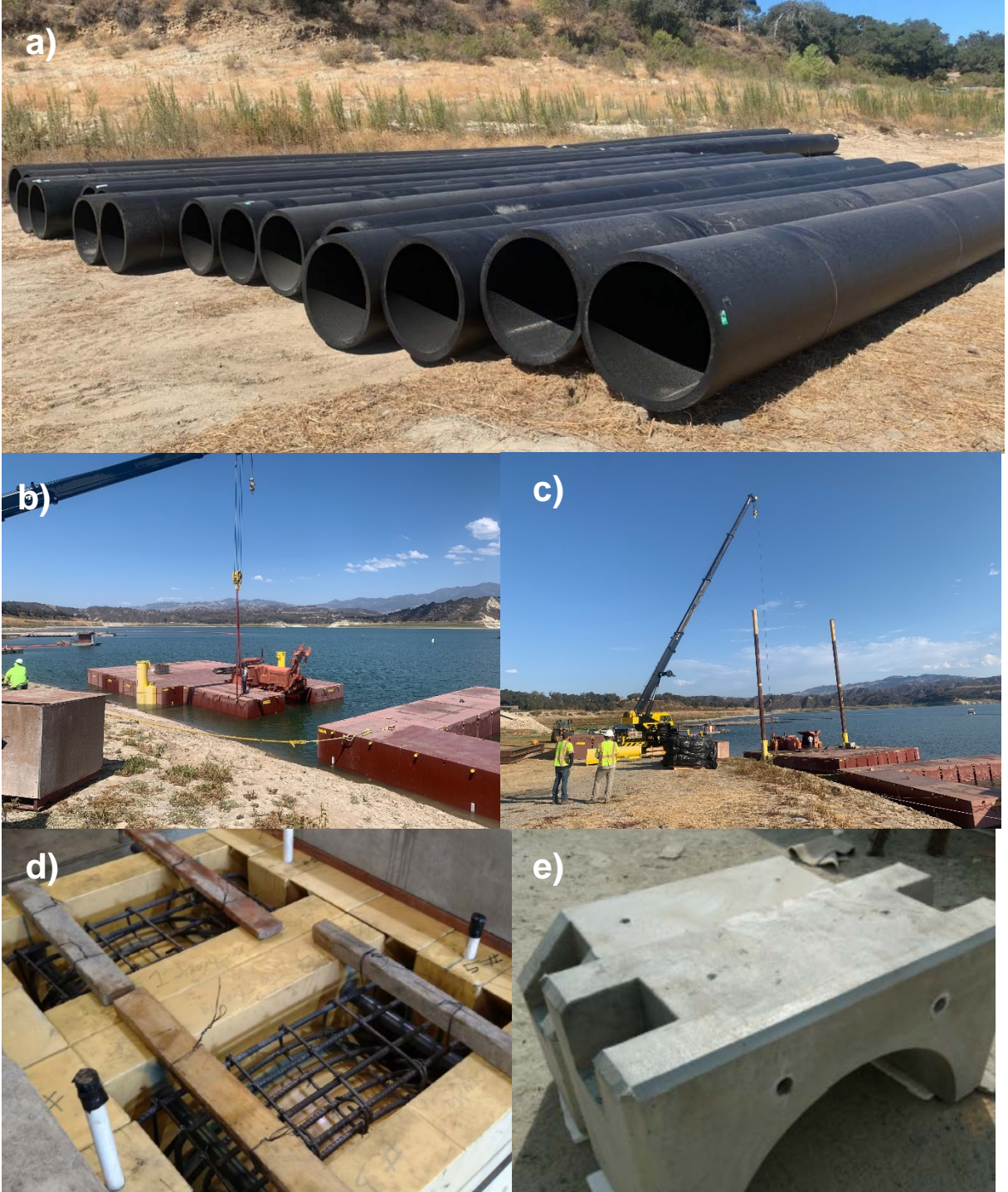


Figure 2: a) work barge dredging around the intake tower; b) clamshell bucket utilized for dredging around the berm and around the intake tower; c) airlift utilized for finer scale dredging around the intake box.



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.

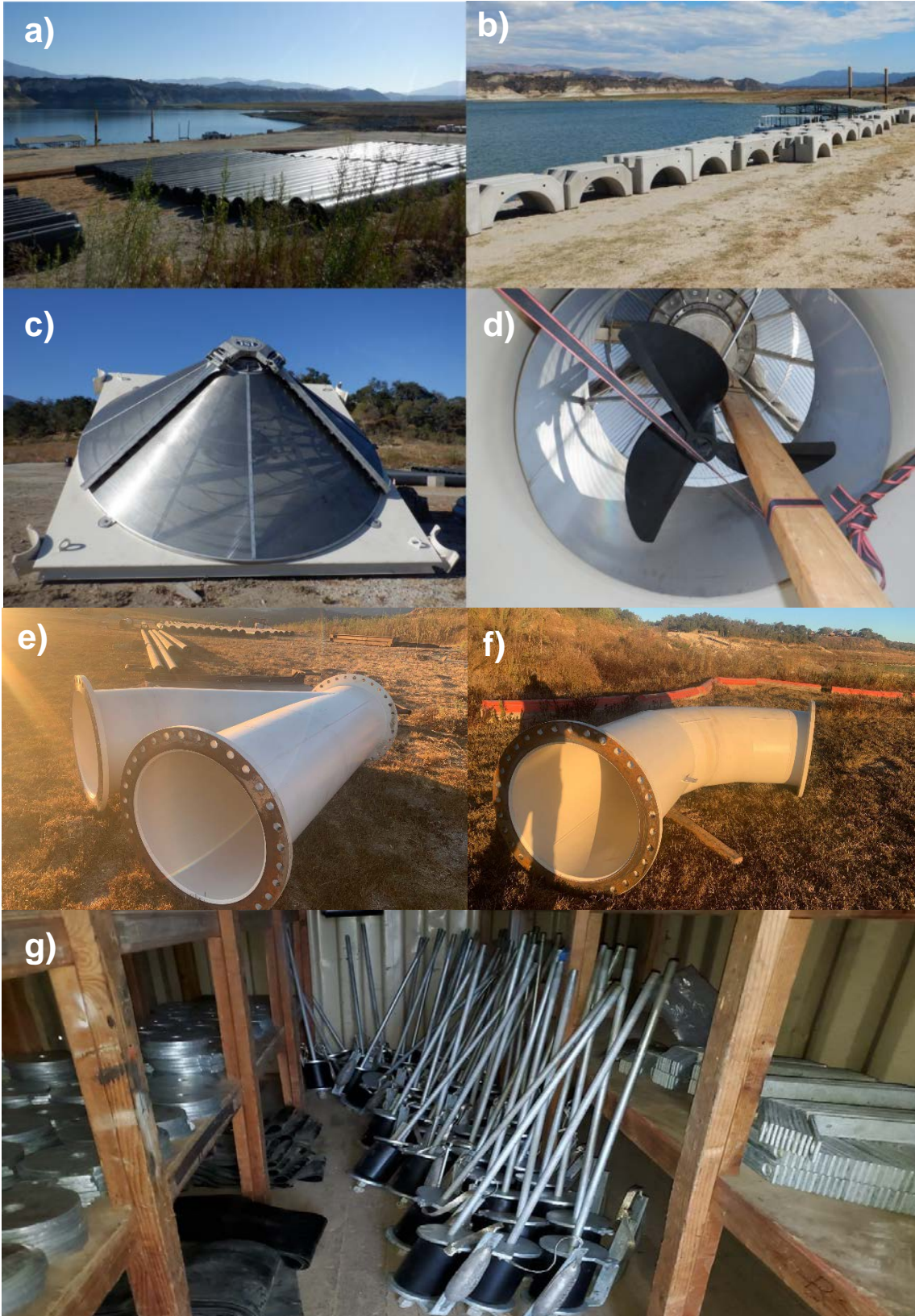


Figure 4: a) HDPE pipeline being fused, concrete weights installed, and being pushed out into the water; b) concrete anchor weights installed on pipeline



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.

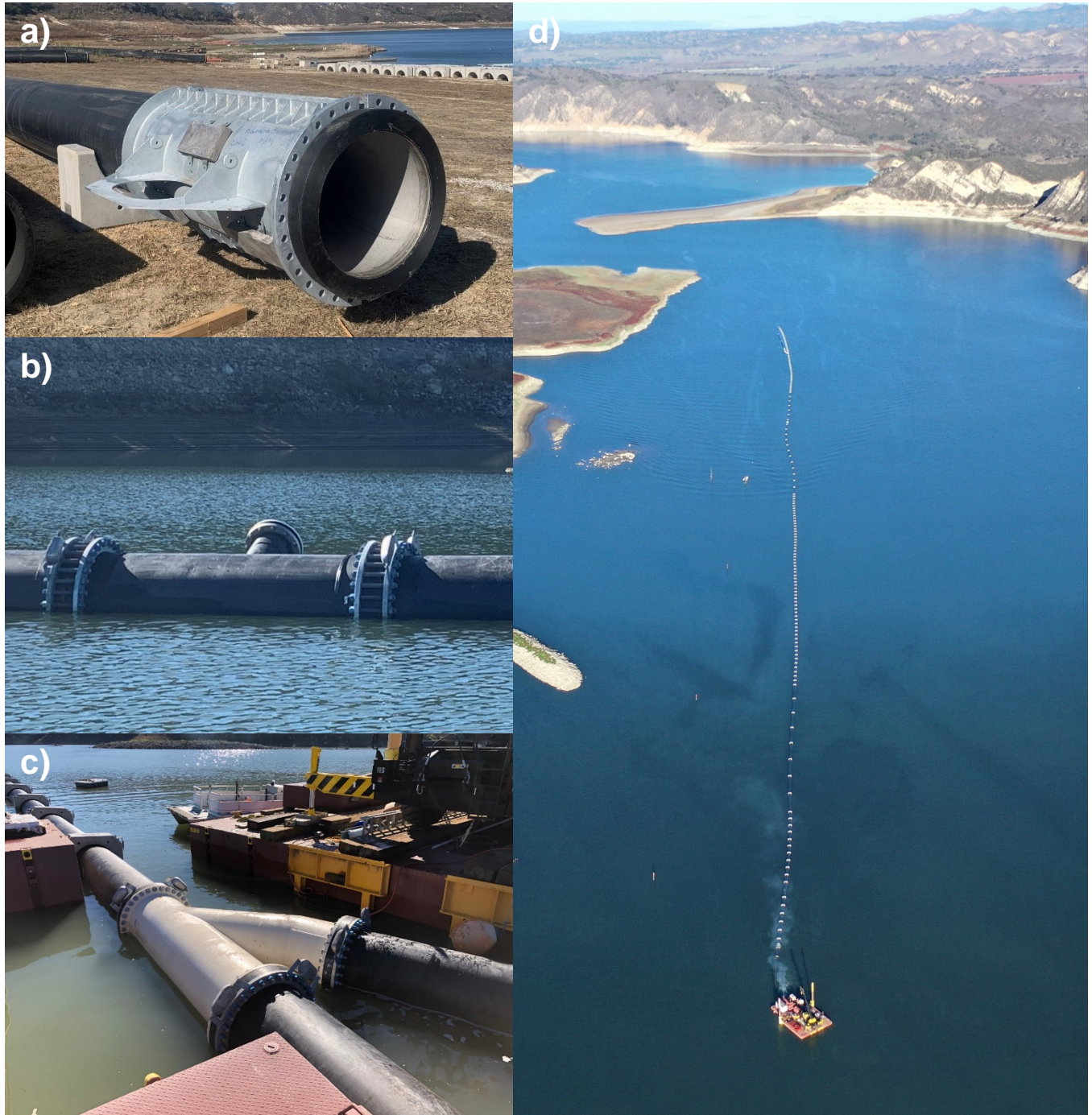


Figure 6: a,b) pipeline deployed onto the bottom on 12/20/22 by pumping water into the pipe at the intake tower and releasing air from the end with barges and boats utilize to guide path; b) during controlled submergence the pipeline lays down in an s-shape and tension and internal pressure are utilized to maintain the integrity of the pipe as it bends.

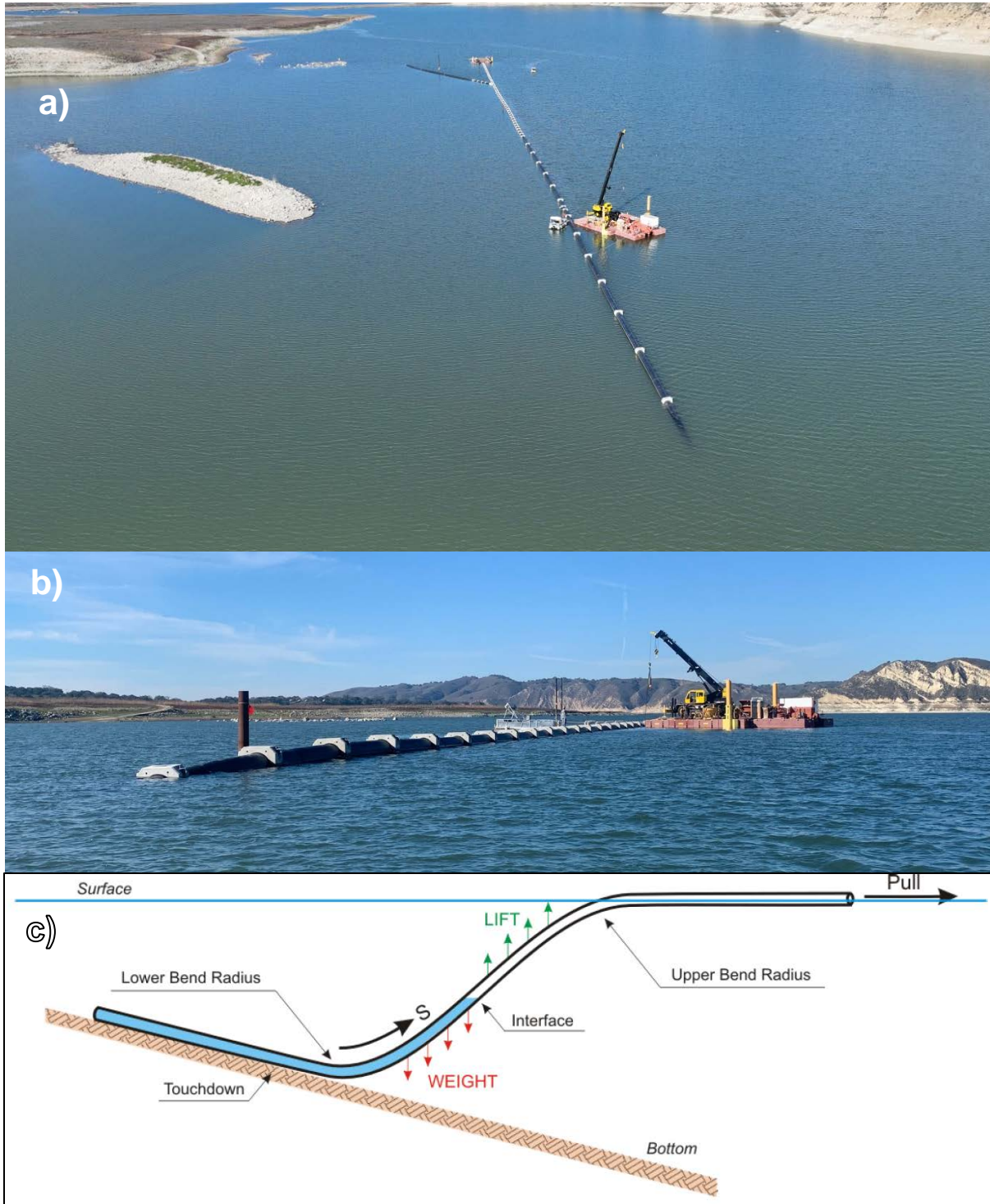


Figure 7: a) pile driving the four 12-inch steel piles for the intake screen; b) setting the 16-in holdfast piles near the intake screen into the pile driving template; c) driving the two 16-in hold fast piles near the North Portal Intake Tower



Figure 8: a) intake screen being lifted and installed on intake screen piles; b) intake screen being structure with 90 degree elbow being assembled above water pipeline and then lowered down to bottom;

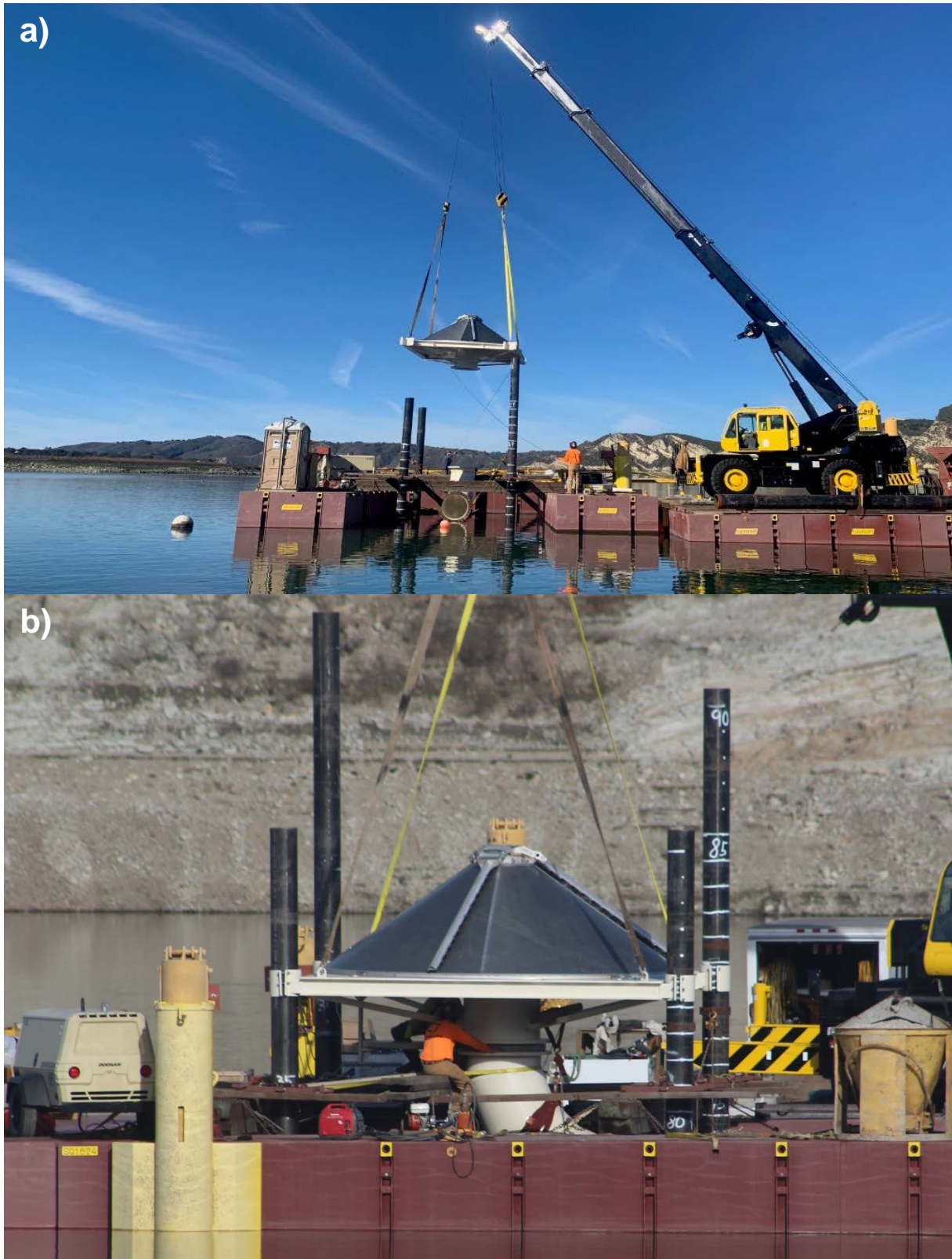


Figure 9: a) contractor setting up to drive piles at the intake tower on the 1/2/23 holiday with the lake at 693.58'; b) intake tower on 1/10/23 following 12.5" of rain at Cachuma Lake which resulted a 32.25' rise in a 24-hour period which exceeded the previous historical single day change by 10 feet.



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RESOLUTION NO. 775

**RESOLUTION OF THE GOVERNING BOARD OF THE
CACHUMA OPERATION & MAINTENANCE BOARD
APPROVING ADDITIONAL EXPENDITURES FOR
THE LAKE CACHUMA EMERGENCY PUMPING FACILITY
SECURED PIPELINE PROJECT**

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 as amended by the Second Amendment to the 1996 Amended and Restated Agreement made effective November 20, 2018 (collectively the Joint Powers Agreement or JPA); 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 (Reclamation); and

WHEREAS, on July 8, 2021, California Governor Newsom proclaimed a state of emergency for Santa Barbara County due to drought conditions and directed state agencies to take further actions to bolster drought resilience and prepare for potential impacts to communities, businesses and ecosystems; and

WHEREAS, in early 2019, anticipating such a drought emergency, COMB, through a competitive Request for Proposal (RFP) process, engaged Makai Ocean Engineers, Inc. (Makai) to complete a feasibility study for the Lake Cachuma Emergency Pumping Facility Secured Pipeline Project (Project), and with approval from the COMB Governing Board, further engaged Makai to complete designs, specifications and bid solicitation documents for the Project; and

WHEREAS, the Project was recommended as a Phase 2 Management Action in the comprehensive 2020 Lake Cachuma Water Quality and Sediment Management Study prepared by COMB consultant Woodard and Curran, wherein the Project was referred to as the "North Portal Intake Tower Gate 5 Extension"; and

WHEREAS, the Project as outlined in COMB's Infrastructure Improvement Plan involved the installation of a bottom-mounted (secured) pipeline connected to the existing intake tower at Lake Cachuma and extending 3,600 feet to the west, allowing access to deeper and colder lake water; and

WHEREAS, on May 23, 2022, the Governing Board adopted Resolution No. 751 authorizing the COMB General Manager, upon ratification of the Project by COMB's Member Agencies in June 2022, pursuant to Section 1.3(h) *et seq.* of COMB's JPA, to issue a Notice of Award to Cushman Contracting Corporation (CCC), to execute a contract with CCC in an amount not-to-exceed \$4,158,035.00, and to issue a Notice to Proceed per the contract documents for construction of the Project (Construction Contract Agreement); and

WHEREAS, during the course of implementation of the Project and for various technical reasons, additional expenditures were incurred in the amount of approximately \$260,000, which were within the approved procurement policy expenditure authority of the General Manager; and

WHEREAS, these additional expenditures were attributed to the installation of added piles needed during construction of the Project, improving the intake screen box and costs for overtime hours needed to complete elevation-dependent portions of the Project before the storm occurring on January 9, 2023. In addition, COMB incurred extra costs in expediting the elastomeric compensators, which are a key critical path component of the Project; and

WHEREAS, due to the extremely high sedimentation resulting from the January 9, 2023 storm, the intake screen cleaning brushes may be impacted by sedimentation. COMB may therefore need to request additional work for the cleaning of the intake screen, which may cost an additional \$15,000; and

WHEREAS, in total, the additional work necessary to implement and complete the Project is estimated to be \$275,000; and

WHEREAS, the current Operating Budget contains funding to support the additional estimated costs for the Project; and

WHEREAS, the COMB Operating Committee met on January 18, 2023 and reviewed the staff memorandum and proposed additional expenditures for the Project and forwards to the Board with a recommendation to adopt Resolution No. 775.

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

1. The Governing Board finds and determines that the facts set forth in the above recitals and in the documents referenced herein are true and correct.
2. The Governing Board hereby approves and ratifies the expenditures associated with the Construction Contract Agreement and associated expedited costs for the Secured Pipeline Project in the amount of \$275,000.
3. The above recitals are incorporated herein by reference and adopted as findings.
4. This Resolution shall take effect immediately.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board, this 23rd day of January 2023, by the following roll call vote:

Ayes:

Nayes:

Absent/Abstain:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board

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Mission Statement:

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

January 23, 2023

General Manager Report

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

Administration

- **Annual IT Consultant Meeting**

Administrative staff conducted the annual IT review meeting with our outsourced IT consultant, Turenchalk Network Services, Inc. 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, and identify potential new risks against cybersecurity threats. Turenchalk continues to initiate random email phishing campaigns to educate staff about potential email threats. As part of the FY 2023-24 budget planning process, COMB also reviewed its IT equipment inventory with Turenchalk for any possible upgrades and/or replacement.

- **ACWA/JPIA Webinar: 2023 Employment Law Update**

COMB Administrative staff attended a virtual 2023 Employment Law Update hosted by Robert Greenfield, ACWA JPIA General Counsel. Staff will work with COMB's legal counsel to revise the COMB Personnel Policy and Employee Handbook. Notable laws going into effect in 2023 are:

Assembly Bill 1949 Bereavement Leave

Provides for up to five days of protected and unpaid bereavement leave under California Family Rights Act (CFRA).

Senate Bill 1162 Wage Data

Employers of 100 or more must include the median and mean hourly rate within each job category by race, ethnicity and gender. Employers of 15 or more are now required to include the pay scale in all job postings for a position and to make pay scale information available to current employees.

Assembly Bill 1041 CFRA Conditions Triggering Leave

Currently, CFRA eligible employees can request up to 12 weeks of unpaid leave to care for a spouse, registered domestic partner, child, parent, parent-in-law, grandparent, grandchild, or sibling, with a serious health condition. The new law expands the definition of a designated person to include any individual related by blood or whose association with the employee is the equivalent of a family relationship. Employers may limit an employee to one designated person per 12-month period.

- **Major Disaster Declaration – Santa Barbara County**

President Joe Biden approved an amendment to his major disaster declaration to include San Luis Obispo and Santa Barbara counties, a change pushed by Congressman Salud Carbajal (CA-24) over the past week in the aftermath of heavy storms and flooding across the Central Coast.

President Biden's approval of individual and public assistance through the Federal Emergency Management Agency (FEMA) will allow Central Coast residents and business owners to apply directly for relief, as well as support repair and replacement work being done by local governments and emergency managers in both counties.

- **Contract Executed by the General Manager – 2nd Quarter Fiscal Year 2022-23**

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

Under the general procurement guidelines, Section 2 of the COMB Procurement Policy authorizes the General Manager to approve expenditures made for official Agency business up to a maximum of \$50,000, provided such expenditures are within the budget, as adopted by the Agency. Section 3(C) also provides that purchases of supplies, equipment, and non-professional services greater than \$10,000 and less than \$50,000, requires a minimum of two prices quotes be obtained and that the General Manager has authority to select and approve the vendor which meets the best interests of the Agency. Staff adheres to the Board adopted policy for the procurement of all goods and services.

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

Table 1
Contracts Executed by General Manager
October 1, 2022 - December 31, 2022

Vendor Name	Contract Description	Date Board Approved	Date Executed	Date Expires	Contract Amount
Hudson Roofing & Waterproofing, Inc.	Trailer Deck & Ramp Coating	N/A	10/05/2022	10/31/2022	\$2,650
Flowers & Associates, Inc.	In-Line Isolation Valve Design & Design Services	N/A	10/20/2022	06/30/2023	\$34,128
HDR Engineering, Inc.	Fisheries Management Assistance	N/A	10/20/2022	06/30/2023	\$19,100
Cushman Contracting, Inc.	Addendum: SCC AVAR/BO Rehabilitation Project - Schedules F1 & F4	11/14/2022	11/09/2022	06/30/2023	\$34,300
Otis Elevator Co.	North Portal Elevator Maintenance	N/A	11/18/2022	09/30/2023	\$6,457
Geosyntec Consultants	Lake Cachuma Water Quality Sampling & Sediment Study - Phase II	10/24/2022	11/21/2022	06/30/2024	\$84,801

Respectfully Submitted,

Janet Gingras

General Manager

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: January 23, 2023
TO: Janet Gingras, General Manager
FROM: Joel Degner, Engineer/Operations Division Manager
RE: MONTHLY ENGINEERING REPORT

The monthly engineering report will be presented verbally.

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CACHUMA OPERATION AND MAINTENANCE BOARD

DATE: January 23, 2023
TO: Janet Gingras, General Manager
FROM: Shane King, Operations Supervisor
RE: **MONTHLY REPORT OF OPERATIONS – December 2022**

The total flow from Lake Cachuma into the Tecolote Tunnel for December was 618.04 acre-feet, for an average daily flow of 19.93 acre-feet. Lake elevation was 692.68 feet at the beginning of December and 693.01 feet at the end of December. Lake storage increased by 412.98 acre-feet. There was 201.06 acre-feet of inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 55.26 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 193.56 acre-feet of water to Hilton Creek for the month of December.

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 December 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 56 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:

- Quarterly flow meter calibrations were conducted this month with help from Emerson process management. Meters that received calibrations include: Tecolote tunnel inflow meter, Lauro reservoir inflow meter, Sheffield south flow meter, and Ortega reservoir outflow meter.
- COMB staff has been continually and closely monitoring the secured pipeline work being conducted by Cushman Construction Company. Cushman has completed the installation of the secured pipeline and connections to the intake tower. The pipeline was successfully sunk to the lake bottom and pressure testing was completed. Holdfast piles and intake structure piles were driven and securely fastened to the pipeline. The connection of the intake structure and the removal of excess piles was completed just in time for the forecasted rainstorms to arrive. (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
- Operations staff spent several days monitoring debris removal work from early January rainstorms. Many of the creek crossings and flood channels in the Santa Barbara and Montecito area had a large amount of debris flow which required immediate removal with heavy equipment. Staff marked the location of the SCC in several areas to ensure it would not be damaged during debris removal work. (see photos)
- Cachuma lake level has risen tremendously over the last few weeks and Operations staff has been closely monitoring drainage areas into to the lake for proper functionality to reduce further damage from rainstorm runoff. (see photos)
- Operations staff has been closely monitoring water quality in Cachuma Lake. Following results from water quality sampling, staff switched from drafting gate #4 to drafting gate #2 at the intake tower which had much better quality of water.
- 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 ~10 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



Debris removal monitoring



Cachuma lake water level

Jan 6th 2023



Jan 17th 2023



Bradbury dam from vista point lookout



CACHUMA OPERATION AND MAINTENANCE BOARD
BOARD MEMORANDUM

DATE: January 23, 2023
TO: Janet Gingras, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- USBR was 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 was sustaining the *O. mykiss* population in the creek throughout December and up until the unprecedented storm on 1/9/23. This storm and the associated stormflow runoff caused the lake based pumping system to turn off, extremely high streamflow, and sediment laden water to translate along the bottom of the lake to the intake for the HCEBS and then on to Hilton Creek at the LRP. This resulted in very poor water quality conditions for all aquatic species, specifically *O. mykiss*. USBR eventually turned off the HCEBS and upper basin flows have cleared up and are flowing well above 2 cfs since the big storm. The Hilton Creek USGS gage has not been recalibrated, hence stream discharge has been approximated to be between 6 and 10 cfs as of 1/19/23.
- The 2000 BiOp and Order WR 2019-0148 target flows to the Hwy 154 Bridge (2.5 cfs) were met by USBR for the lake level at the time up until the 1/9/23 storm and then upper basin streamflows have kept the flow rate well above the target flow rate of 5 cfs for a now approaching full lake.

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:

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 was completed by the end of the year 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.

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 met throughout December and up until the 1/9/23 storm with HCEBS gravity flow to the LRP (approximately 2.0 cfs) and HCWS pumped flow to the URP (approximately 1.2 cfs) for an approximate total of 3.2 cfs (USGS reported approximately 4.2 cfs during that time). The HCWS pump stopped sometime over the evening of 1/9/23 and has been inoperable since. Upper basin flows continue to provide well over 2 cfs (USBR measured 9.3 cfs on 1/19/23 and the USGS gage has not been checked and recalibrated).

Documenting compliance in meeting target flows at the Hwy 154 Bridge (2.5 cfs) cannot be done at the Hwy 154 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 continued to take weekly measurements as requested by USBR except during high flow periods when stream access was not possible, for example during periods of peak WR 89-18 peak releases.

The 1/9/23 storm produced significant river discharge rates well over 20,000 cfs at the Alisal Bridge and the USGS reported over 140 cfs on 1/19/23 at that location. No instream flow measurements are being taken by USBR or COMB at the upper Refugio site since the 1/9/23 storm due to hazardous conditions and the pressure transducer (plus barologger) have been removed. Once conditions return to being safe, river discharge measurements will resume and the pressure transducer (plus barologger) will be redeployed.

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. The site was not damaged during the 1/9/23 event. 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.

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. Prior to the 1/9/23 storm, USBR was delivering water to Hilton Creek through the HCWS by pump flow and HCEBS by gravity flow to the URP and LRP, respectively. Currently no water from either system is going to the creek. Only upper basin flow is maintaining the stream.

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.

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 until the 1/9/23 storm.

On 10/19/22 and 10/20/22, USBR conducted required repairs on one of the two HCWS pumps. That pump is operational and is in standby mode. No further work has been done on the pumping barge.

The 1/9/23 Storm Event:

An unprecedented amount of rain fell over the region in association with the 1/9/23 storm. San Marcos Pass received over 17 inches of rain from this event alone that resulted in high streamflows in the region and caused Lake Cachuma to rise at an extremely rapid rate. The amount of debris associated with the runoff was extreme affecting both the lake, its tributaries and Hilton Creek. Over the course of the evening on 1/9/23, the HCWS pump shut off and has not been reactivated resulting in no releases from the lake based system to the URP. The counter weights anchoring the HCWS pumping barge in place fouled and caused one side of the barge to be pulled down into the water sufficiently to submerge the electrical control panel on the barge and make it inoperable. The extent of the damage is unknown. Cushman Construction was contracted by USBR to right the pumping barge. Again, the extent of the damage to that barge is unknown.

Sediment laden water from all the tributaries and the Santa Ynez River mainstem entered the lake and slowly moved to the bottom and onward to the deepest point in the lake, the intake to the penstock for the Outlet Works. The sludge like material translated through the penstock and HCEBS piping system to the LRP that then blanketed Hilton Creek from the LRP downstream. Fine sediment deposition was anywhere from 4 to 24 inches thick and produced lethal conditions for all aquatic species in the creek and down into the LSYS mainstem. It was several days before USBR turned off the HCEBS flow to the LRP.

On 1/11/23, USBR opened the Outlet Works 30 inch valves for over a day that released a significant amount of the same fine sediments into the Stilling Basin and subsequently downstream. Deposition of fine sediments have been observed well into the Refugio Reach.

On 1/11/23 when it was possible to drive to area, COMB-FD staff rescued 10 *O. mykiss* from the Stilling Basin and successfully relocated them to Hilton Creek that by then was starting to clear up and provided acceptable water quality conditions. COMB-FD staff continue to conduct daily surveys in search of any aquatic species that can be found. Lethal conditions were observed for all aquatic species (*O. mykiss*, carp, catfish, bass, sunfish, sculpin, bullfrog tadpoles, crawfish, etc.). The number of mortalities for each species is still being counted. USBR is working on resuming releases to Hilton Creek and to the Stilling Basin without high concentrations of fine sediments. The situation is very fluid and more information is to follow. COMB-FD staff has been in regular contact with USBR to inform them of all our observations and they turn have been communicating with NMFS and CDFW.

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		30,678	
Total:	9,184	45,376	-2,314
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 12/31/22.			
*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.			

Reporting / Outreach / Training:

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

Staff, as time permits, continues to work 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) – HDR performed the required annual performance evaluation for each fish passage project during the first week of January. Given the magnitude of the storm and runoff, they will need to return, assess the damages, and assist in determining a cost estimate for all repairs to bring each project back to the as-built condition.

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

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 23, 2023
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Janet Gingras

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

RECOMMENDATION:

For Board information only.

SUMMARY:

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since January, 2022 to the present (1/1/22 – 1/23/22, 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 maintenance tasks since January, 2022.

	Jan 2022	Feb 2022 ¹	Mar 2022 ¹	Apr 2022 ¹	May 2022 ¹	June 2022 ¹	July 2022 ¹	August 2022	Sept 2022	Oct 2022	Nov 2022	Dec 2022 ¹	Jan 2023 ¹
Year 13 Oaks	New Trees	New Trees	Irrigated	Irrigated		Irrigated	Irrigated	Irrigated	Irrigated	Irrigated			
(2021-2022)	QA/QC	QA/QC	Weeded	Weeded		Weeded	Weeded	Weeded	Weeded	Weeded			
	Tree Tags	Tree Tags											
	Deer Cages	Deer Cages											
	Mulch/Irrigated	Mulch/Irrigated											
Year 12 Oaks		Irrigated	Irrigated		Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	
(2020-2021)		Weeded	Weeded		Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	
Year 11 Oaks				Irrigated	Irrigated		Irrigated					Irrigated	
(2019-2020)				Weeded	Weeded		Weeded					Weeded	
Year 10 Oaks													
(2018-2019)													
Year 9 Oaks													
(2016-2017)													
Year 8 Oaks													
(2015-2016)													
Year 7 Oaks													
(2014-2015)													
Year 6 Oaks													
(2005-2011)													

¹ Oak tree inventory.

Maintenance

Due to heavy rainfall observed so far this winter season, all age classes of oak tree are no longer in need of irrigation until the dry season commences. Just in the month of January, Bradbury Dam has received 16.1 inches of rainfall. Extreme flows in the upper basin of the Santa Ynez River and its tributaries in early January damaged some of the newly planted Year 13 trees at Live Oak Camp (Exhibit 1). A tributary going through the old San Marcos Golf Course avulsed and sent streamflow and debris into the lower parking lot at Live Oak Camp. Many of our newly planted trees were damaged. COMB-FD staff are in the process of completing a full damage assessment and count of impacted trees at Live Oak Camp.

Annual Inventory

The 2022 Annual Inventory of all year classes (COMB planted trees 2005 through 2022 and Dam Tender trees) continues.

LIST OF EXHIBITS:



Exhibit 1: Live Oak Camp storm damage showing (a) road approach with inundated trees and (b) a single oak tree pushed over with silt and debris.

WATER YEAR 22-23 CACHUMA PROJECT ALLOCATION
CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF DECEMBER 2022 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾

(All in rounded Acre Feet)

CACHUMA PROJECT		
WATER PRODUCTION:	MONTH	WYTD
Cachuma Lake (Tec. Diversion)	678.7	3,611.4
Tecolote Tunnel Infiltration	116.6	254.5
Cachuma Lake (County Park)	0.8	3.9
Subtotal - Water Production	796.2	3,869.7
WATER DELIVERIES:		
State Water Diversion	226.1	411.2
Cachuma Diversion	610.5	3,522.5
Storage gain/(loss) ⁽²⁾	(26.4)	10.7
Subtotal - Water Deliveries	810.2	3,944.4
Total Water Production	796.2	3,869.7
Total Water Deliveries	810.2	3,944.4
Difference = Apparent Water Loss	(14.0)	(74.7)
% Apparent Water Loss	-1.76%	-1.93%

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)					(74.7)
Total AWL Incurred (WYTD)					(74.7)

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
CURRENT MONTH						
Water Usage						
M&I	207.9	352.2	0.0	13.0	0.8	573.9
Agricultural	28.5	0.0	0.0	8.0	N/A	36.6
Subtotal Project Water Use	236.4	352.2	0.0	21.0	0.8	610.5
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	18.1	49.8	5.1	7.4	8.9	89.4
Total Project Water Charge	254.6	402.0	5.1	28.5	9.8	699.9
WATER YEAR-TO-DATE						
Water Usage						
M&I	1,115.4	1,469.7	199.5	165.7	3.9	2,954.2
Agricultural	343.4	0.0	17.1	207.8	N/A	568.3
Subtotal Project Water Use	1,458.8	1,469.7	216.6	373.5	3.9	3,522.5
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	150.3	387.8	40.1	58.6	68.7	705.5
Total Project Water Charge (*)	1,609.2	1,857.5	256.6	432.2	72.5	4,228.0

(*) 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 DECEMBER 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)	1,609.2	1,857.5	256.6	432.2	72.5	4,228.0
Balance Carryover Water	6,281.2	17,382.3	1,810.7	2,602.8	3,155.3	31,232.4
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	6,327.2	17,412.3	1,840.7	2,622.8	3,155.3	31,358.4

ACCUMULATED DROUGHT WATER CREDIT (ADWC) BALANCE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
ADWC Balance - 10/1/2022 ⁽⁷⁾	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	6,871.0	17,895.1	1,995.3	2,786.9	3,309.9	32,858.4

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 December 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 December was 223 AF
- (9) Memo only - MWD has received 669.46 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: **DECEMBER 2022**

GLEN ANNIE RESERVOIR ⁽¹⁾

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

LAURO RESERVOIR

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	544.4	Feet
Water in Storage	416.45	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	453.7	Feet
Water in Storage	42.23	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	377.9	Feet
Water in Storage	30.03	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	488.71	AF
	-21.83	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	693.01	Feet
Water in Storage	60,647	AF
Surface Area	1,448	Acres
Evaporation	104.1	AF
Inflow	691.5	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	193.6	AF
Outlet	187.7	AF
Spill/Seismic Release	19	AF
State Water Project Water	201.1	AF
Change in Storage	413	AF
Tecolote Diversion	618.0	AF

Rainfall: Month: 5.34 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 12/31/2022

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	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	-	-	207.9	28.5	236.4	18.1	236.4	254.6	221.0	33.6	-	-	-
Jan	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	7,890.4	-	1,115.4	343.4	1,458.8	150.3	1,458.8	1,609.2	1,224.1	385.1	-	-	-

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	
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	6,281.2	4,480.9	1,800.3	26.2	19.8	46.0
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **6,327.2**

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 12/31/2022

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	2,067.3	-	174.7	15.3	190.0	22.8	190.0	212.7	189.3	23.4	-	-	-
Nov	-	-	24.8	1.8	26.6	12.1	26.6	38.7	32.2	6.5	-	-	-
Dec	-	-	-	-	-	5.1	-	5.1	5.0	0.2	-	-	-
Jan	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2,067.3	-	199.5	17.1	216.6	40.1	216.6	256.6	226.5	30.1	-	-	-

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	2,067.3	1,325.6	741.7	-	-	-
ID#1 Exch (+30AF)	-	-	-	17.1	12.9	30.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	1,854.6	1,136.3	718.2	17.1	12.9	30.0
Nov	1,815.8	1,104.1	711.7	17.1	12.9	30.0
Dec	1,810.7	1,099.1	711.6	17.1	12.9	30.0
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 1,840.7

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 12/31/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr	CARRYOVER WATER						CURRENT YEAR ALLOCATION									
			TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED			WATER USE CHARGED						
			Acre-feet			Allocation			Allocation			Allocation						
			M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total	M & I	Agr	Total				
Oct	3,353.8	-																
Nov	-	-																
Dec	-	-																
Jan	-	-																
Feb	-	-																
Mar	-	-																
Apr	-	-																
May	-	-																
Jun	-	-																
Jul	-	-																
Aug	-	-																
Sep	-	-																
Total	3,353.8	-	3.9	-	3.9	68.7	3.9	72.5	21.3	51.2	-	-	-	-	-	-	-	-

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

Month	SCHEDULE AND REVISIONS					
	Total	Allocation		Allocation		Total
		M & I	Agr	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		Allocation		Total
			M & I	Agr	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	0.8	3,155.3	779.3	2,375.9	-	-	
Jan	-	-	-	-	-	-	
Feb	-	-	-	-	-	-	
Mar	-	-	-	-	-	-	
Apr	-	-	-	-	-	-	
May	-	-	-	-	-	-	
Jun	-	-	-	-	-	-	
Jul	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,155.3

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 12/31/2022

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr	TOTAL WATER USED				WATER USE CHARGED			WATER USE CHARGED				
			Acre-feet				Allocation			Allocation				
			Use %	M & I	Agr	Total	Evap	Div	Total	M & I	Agr	M & I	Agr	Total
Oct	35,586.3	-	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	937.0	163.4	1,100.4	215.4	1,100.4	1,315.7	1,111.4	204.3	-	-	-
Dec	-	-	0.0	573.9	36.6	610.5	89.4	610.5	699.9	648.1	51.9	-	-	-
Jan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	35,586.3	-	0.1	2,954.2	568.3	3,522.5	705.5	3,522.5	4,228.0	3,527.0	701.0	-	-	-

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

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	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)	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	25,823.9	6,108.4	84.7	41.3	126.0
Dec	0.8	31,232.4	25,175.9	6,056.5	84.7	41.3	126.0
Jan	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 31,358.4

UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. BUREAU OF RECLAMATION-CACHUMA PROJECT-CALIFORNIA

January 2023

LAKE CACHUMA DAILY OPERATIONS

Run Date: January 19, 2023

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				
	SHEF Tag→	HL	LS	LC	PP	PPAF	EV	EVAF	QICCWA	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet
	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	acre-feet	acre-feet	acre-feet
31	693.01	60,647																	
1	693.41	61,223	576.7	1,457.2	1.46	177.3	0.030	2.37	20.61	-	20.19	6.49	-	5.90	0.60	414.29			
2	693.58	61,468	245.1	1,461.1	0.01	1.2	0.060	4.75	2.50	-	20.13	6.47	-	4.90	0.60	278.21			
3	693.62	61,526	57.7	1,462.0	0.02	2.4	0.010	0.79	2.52	-	20.37	6.47	-	5.90	0.60	86.84			
4	693.65	61,569	43.2	1,462.7	-	-	0.050	3.96	2.50	-	19.27	6.59	-	5.80	0.60	76.97			
5	694.55	62,878	1,308.7	1,483.5	3.91	483.4	-	-	2.51	-	20.90	6.47	-	5.90	0.60	856.73			
6	697.92	67,938	5,059.6	1,553.5	0.15	19.4	0.070	5.89	2.51	-	21.19	6.71	-	5.70	0.60	5,077.81			
7	699.02	69,645	1,707.8	1,576.8	-	-	0.040	3.42	2.52	-	21.47	6.92	-	8.50	0.60	1,746.16			
8	699.48	70,371	725.7	1,586.5	0.02	2.6	0.080	6.87	2.52	-	21.90	6.64	-	107.80	0.60	864.35			
9	700.02	71,224	852.4	1,596.4	1.86	247.4	-	-	2.51	-	22.24	6.86	-	97.60	0.60	729.75			
10	732.37	135,740	64,516.3	2,406.8	6.49	1,301.7	-	-	2.41	-	24.21	7.61	-	5.80	0.60	63,250.40			
11	741.04	158,049	22,309.7	2,697.2	0.11	24.7	-	-	0.01	-	24.11	5.97	-	4.30	0.60	22,319.91			
12	742.89	163,127	5,077.4	2,759.1	-	-	0.040	5.98	-	-	17.69	1.80	-	233.20	0.60	5,336.67			
13	742.40	161,773	(1,353.4)	2,743.2	-	-	0.100	14.86	-	-	20.37	-	-	154.00	0.60	(1,163.55)			
14	743.16	163,878	2,104.8	2,768.2	0.02	4.6	0.010	1.50	-	-	19.99	-	-	20.00	0.60	2,142.29			
15	744.85	168,637	4,758.7	2,828.9	1.24	292.3	-	-	-	-	19.80	-	-	20.00	0.60	4,506.78			
16	746.22	172,570	3,932.8	2,875.1	0.54	129.4	0.060	9.34	-	-	20.13	-	-	20.00	0.60	3,853.46			
17	747.77	177,095	4,525.6	2,927.2	0.20	48.8	0.040	6.34	-	-	28.42	-	-	20.00	0.60	4,532.16			
18	748.77	180,059	2,963.8	2,964.1	-	-	0.060	9.63	-	-	13.71	0.11	-	19.90	0.60	3,007.75			
19	749.58	182,487	2,428.3	2,994.0	-	-	0.040	6.49	-	-	26.08	-	-	20.00	0.60	2,481.44			

Total			#####		16.03	2,735.32	0.690	82.19	43.12	-	402.16	75.11	-	765.20	11.40	#####
Minimum	693.41	61,223	(1,353.38)	1,457.21	-	-	-	-	-	-	13.71	-	-	4.30	0.60	(1,163.55)
Average	721.28	118,487	6,412.67	2,189.64	0.84	143.96	0.036	4.33	2.27	-	21.17	3.95	-	40.27	0.60	6,336.76
Maximum	749.58	182,487	64,516.27	2,993.96	6.49	1,301.68	0.100	14.86	20.61	-	28.42	7.61	-	233.20	0.60	63,250.40

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 January pan factor 65%
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: December 2022**



Cachuma Lake Recreation Area Launch Data -- December 2022		
Inspection Data		
Total Vessels Entering Park	223	
Total Vessels Launched	216	
Total Vessels Quarantined	7	
Returning (Tagged) Boats Launched	166	77%
Kayak/Canoe: Inspected, launched	50	23%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Quarantine Data		
Total Vessels Quarantined	7	
Quarantined 14 days	*	
Quarantined 30 days	7	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	2	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	7	
Demographic Data		
Quarantined from infected county	2	
Quarantined from SB County	4	
Quarantined from uninfected co	1	

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

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

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

Summary: No Dreissenid Mussels were detected, nor Aquatic Invasive Species of any kind.
 Inspection Site: Cachuma Lake Reservoir, Santa Barbara County, California.
 Plankton Tow Inspection Date and Time: 2022.12.23; 11 a.m. to 1 p.m. PDT.
 Method: 4 Sampling Locations; Vertical Tows. Samples sent to Bodega Marine Laboratory (CDFW).
 Artificial Substrate & Surface Survey Date and Time: 2022.12.18 and 12.17; 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 693.00; Max acre-feet: 192,978, current: 60,632;
 Current capacity: 31.4%

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	January 23, 2023
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: Resolution No. 776 - Establishing a Time for Regular Board Meetings

RECOMMENDATION:

The Board of Directors consider the time of the regular Board meetings for 2023 and provide direction to staff, including adopting a resolution reflecting a new time, if appropriate.

SUMMARY:

Resolution No. 764, adopted at the Board's annual organizational meeting in July 2022, established regular Board meeting dates and time for the COMB Board. The regular COMB Board meetings are held the fourth Monday of each month at 1pm. At the December 19, 2022 regular Board meeting, an agenda item was requested to be discussed to consider the time of the regular Board meetings for calendar year 2023. If the Board desires to change the time, a resolution is attached for Board adoption.

LIST OF EXHIBITS:

1. Resolution No. 776

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RESOLUTION NO. 776

**A RESOLUTION OF THE CACHUMA OPERATION AND
MAINTENANCE BOARD ESTABLISHING THE TIME AND
PLACE OF REGULAR BOARD MEETINGS**

WHEREAS, the Cachuma Operation and Maintenance Board (“COMB”) maintains its offices and mailing address at 3301 Laurel Canyon Road, Santa Barbara, CA 93105-2017.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of COMB that the following policy be adopted:

Unless otherwise noted, the regular meetings of the COMB Board of Directors shall be held each fourth Monday of the month, at ___:00 p.m., at the above address. If a Holiday falls on the fourth Monday of the month, the regular Board meeting will be held on the third Monday during such months. A list of the Regular Board meeting dates will be provided for each calendar year.

Special meetings of the COMB Board of Directors may be called at any time by the presiding officer or by a majority of the Directors, in accordance with the provisions of Government Code Section 54956.

This Resolution supersedes Resolution No. 764 dated July 25, 2022 and all resolutions preceding it pertaining to establishing a time and place for regular meetings of the COMB Board of Directors.

PASSED, APPROVED AND ADOPTED this 23rd day of January 2023, by the following roll call vote:

AYES:
NAYS:
ABSENT:
ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board