



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

**Monday, July 26, 2021
1:00 P.M.**

BY TELECONFERENCE

NOTICE: Pursuant to State of California Executive Order N-08-21, members of the Cachuma Operation & Maintenance Board (COMB) Board of Directors and members of the public will participate in this meeting electronically by video and/or teleconference, as described below.

HOW TO OBSERVE THE MEETING

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

Join via video conference:

<https://us02web.zoom.us/j/84239573057?pwd=ZzdWNEI5MmNFTGZ5a3JrRVljMU40QT09>

Passcode: 901655

Join via teleconference:

US: +1 669 900 6833 Conference ID: 842 3957 3057 Passcode: 901655

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.

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

Monday, July 26, 2021

1:00 PM

AGENDA

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

- 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 June 28, 2021 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Review of Paid Claims
- 4. BOARD COMMITTEE APPOINTMENTS FOR FISCAL YEAR 2021-22**
Action: Recommend the President of the Board make Committee appointments for FY 2021-22
 1. Administrative Committee
 2. Operations Committee
 3. Fisheries Committee
 4. Lake Cachuma Oak Tree Committee
 5. Public Outreach Committee
- 5. PROPOSED ANNUAL RESOLUTIONS**
Action: Recommend approval by motion and roll call vote on one motion unless member requests separate consideration
 - a. Resolution No. 726 Adopting Annual Statement of Investment Policy
 - b. Resolution No. 727 Authorizing Investment of Monies in the Local Agency Investment Fund
 - c. Resolution No. 728 Establishing a Supplemental Account Agreement for Telephone Transfers
 - d. Resolution No. 729 Establishing a Check Signing Policy for General Fund Account Payment of Claims
 - e. Resolution No. 730 Authorizing Signatories for General Fund Account at American Riviera Bank

- f. Resolution No. 731 Authorizing Signatories for Revolving Fund Account at American Riviera Bank
- g. Resolution No. 732 Establishing a Check Signing Policy for Cachuma Project Trust Fund and Master Contract Renewal Fund Accounts for Payment of Claims
- h. Resolution No. 733 Authorizing Signatories for Trust Fund and Renewal Fund Accounts at American Riviera Bank
- i. Resolution No. 734 Establishing a Time and Place for Board Meetings

6. GENERAL MANAGER REPORT

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

- Administration
- Virtual Meetings

7. ENGINEER'S REPORT

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

- Climate Conditions
- Lake Elevation Projections
- Emergency Pumping Facility and Secured Pipeline Project
- Infrastructure Improvement Projects

8. OPERATIONS DIVISION REPORT

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

- Lake Cachuma Operations
- Operation and Maintenance Activities

9. FISHERIES DIVISION REPORT

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

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

10. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

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

- Maintenance and Monitoring

11. MONTHLY CACHUMA PROJECT REPORTS

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

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

12. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

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

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

14. RECONVENE INTO OPEN SESSION

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

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

15. MEETING SCHEDULE

- **August 23, 2021 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

16. COMB ADJOURNMENT

NOTICE TO PUBLIC

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

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

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

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

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

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

By Teleconference Only

**Monday, June 28, 2021
1:00 PM**

1. CALL TO ORDER, ROLL CALL

The meeting was called to order by President Holcombe at 1:03 PM

All attendees participated electronically pursuant to California Governor Gavin Newsom's Executive Order N-08-21.

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

Others Present:

Matt Young, County of Santa Barbara	Dakota Corey, City of Santa Barbara
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2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

- a. Minutes of May 13, 2021 Special Board Meeting
- b. Minutes of May 24, 2021 Regular Board Meeting
- c. Investment of Funds
 - Financial Reports
 - Investment Reports
- d. Review of Paid Claims

Ms. Gingras presented the Consent Agenda items, noting that item 3.a. would be presented separately for approval while the remaining items could be addressed together at the Board's pleasure. She asked

Mr. Lyons to present the financial reports. Mr. Lyons briefly reviewed revenues and drew the Board's attention to various paid claims, providing further explanation for each expenditure of note.

Director Hanson motioned to approve Consent Agenda item 3.a. Director Sneddon seconded and the motion carried with a vote of five in favor and one abstention.

Ayes: Sneddon, Hanson, Holcombe

Nays:

Absent:

Abstain: Hayman

Director Sneddon motioned to approve the remaining Consent Agenda items. Director Hanson seconded the motion which carried unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

4. VERBAL REPORTS FROM BOARD COMMITTEES

- ***Fisheries Committee Meeting – June 9, 2021*** – Director Hanson reported out on behalf of the Fisheries Committee. She advised that the action items were being brought before the Board for approval at this meeting. She also noted that the committee had received updates on various Fisheries activities.
- ***Operations Committee Meeting – June 10, 2021*** – Director Sneddon reported out on behalf of the Operations Committee. The committee had received reports on a number of topics, including a report concerning post-wildfire watershed recovery using drones. She noted that the Board would view a presentation modelling changing lake water quality at this meeting.

5. FISCAL YEAR 2021-22 ELECTIONS AND APPOINTMENTS OF CACHUMA OPERATION AND MAINTENANCE BOARD

- a. Election of President
- b. Election of Vice-President
- c. Appointment of ACWA/JPIA Representative and Alternate
- d. Appointment of General Counsel
- e. Appointment of Secretary of the Board
- f. Appointment of Treasurer /Auditor-Controller

Ms. Gingras presented the agenda item followed by a motion from Director Hanson to nominate President Holcombe to the office of President and Director Sneddon to the office of Vice President. Director Hanson expressed appreciation for the leadership of both nominees. Director Hayman seconded the motion which carried unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

Immediately following the election, Director Hayman motioned to approve the slate of appointments as presented. As appointees were willing to continue in their roles, Director Hanson seconded the motion which carried unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

6. SCOPES OF WORK (SOW) AND SAMPLE PROFESSIONAL SERVICES AGREEMENT FOR FISCAL YEAR 2021-22 FOR FISHERIES DIVISION CONSULTANTS

Mr. Robinson presented the fiscal year 2021-22 scopes of work for two consultants. He noted that the sole source justifications were warranted due to long-standing, excellent service from both consultants. Director Hanson put forth a motion to approve the scopes of work, followed by a second from Director Sneddon. The motion carried with a unanimous vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

7. CACHUMA PROJECT WARREN ACT TRUST FUND / RENEWAL FUND 2021-22 ANNUAL AND LONG TERM PLAN; SANTA BARBARA COUNTY BETTERMENT FUND USE OF FUNDS

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 discussed the history of the Funds, the method of calculation of available dollars and reviewed the tables detailing expenditures for the current and upcoming fiscal years, noting that the proposed expenditures were approved by the Funds committee.

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 Sneddon motioned to approve the Funds expenditures and Plans. Director Hayman seconded the motion. The motion carried unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

8. ESRI CONFERENCE WATER QUALITY PRESENTATION

Ms. Gingras introduced Mr. Papen who presented his slide show. He illustrated how collected data could be digitized and used to inform decisions of COMB stakeholders with respect to algal blooms,

lake levels, development of the thermocline, North Portal gate draw choices and treatment options. He fielded questions from the Board.

9. GENERAL MANAGER REPORT

- Administration
- Virtual Meetings
- Staff Professional Development

Ms. Gingras presented the General Manager report, noting that COMB's Comprehensive Annual Financial Report, for the fourth straight year, has received the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association. She complimented Mr. Lyons and team on their efforts. She reported staff participation in various meetings, noting an opportunity through Integrated Regional Water Management for regional water resource coordination. Lastly, Ms. Gingras was pleased to report that two Operations Division staff members had achieved their D2 certifications.

10. ENGINEER'S REPORT

- Climate Conditions
- Vegetation Recovery Following Wildfires
- Lake Elevation Projections
- CalTrans Highway 192 Paving
- Infrastructure Improvement Projects

Mr. Degner presented the Engineer's Report, advising that climate conditions continue to be very dry. He provided a report on drone seeding technology for reforestation after a wildfire. However, further research is needed regarding effectiveness in chaparral watersheds and native trees, potential site preparation & drone battery life. He concluded that this technology is not currently feasible for COMB but will be followed for potential future use. Lake elevation has been stable over the past month. He advised that the Emergency Pumping Facility should be needed the summer of 2022, the timing of which would impact the potential install of the secured pipeline. Additionally, Mr. Degner reported the status of various projects, including the CalTrans repaving project and the remaining three SCADA PLCs in need of updates. Finally, he noted that the COMB trailers to be replaced are due for demolition in late July and staff relocations are in progress. He fielded questions from the Board.

11. OPERATIONS DIVISION REPORT

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. Degner presented the Operations Division report, noting that it had been a busy month with the installation of crack monitors at Lauro, replacement of PLCs and emergency replacement of failed radio modems, in addition to the routine tasks. Staff quickly addressed a structure leak in Montecito, has been clearing defensible space at structures and reservoirs, as well as cooperating in the repair of a vandalized fence. He fielded questions from the Board.

12. FISHERIES DIVISION REPORT

- LSYR Steelhead Monitoring Elements
- Tributary Project Updates

- Surcharge Water Accounting
- Reporting/Outreach/Training

Mr. Robinson presented the Fisheries Division report, advising that target flows at Hilton Creek and the Hwy 154 bridge had been met. He noted that Hilton Creek is receiving flow from both the watering system and the backup system. Fish rescues were undertaken at various habitats in conjunction with California Department of Fish & Wildlife who utilized a now standard technology to tag and monitor movement. The technology is expected to be part of the new Biological Opinion. In addition, Mr. Robinson reported that staff was busy with the normal ongoing monitoring tasks. He fielded questions, comments, requests and compliments from the Board.

13. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

- Maintenance and Monitoring

Mr. Robinson presented the Oak Tree program report. He advised that Fisheries was creating a watering plan for the summer months and that the annual Oak Tree Committee meeting would soon be scheduled.

14. 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 water reports other than heavier summer demands.

15. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

Directors asked that they be informed of flow monitoring results for the Hwy 154 bridge and be provided with updates on releases and the status of the secured pipeline project.

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

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

The Board entered into Closed Session at 3:38 PM.

17. RECONVENE INTO OPEN SESSION

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

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

The Board reconvened into Open Session at 4:00 PM. There was no reportable action.

18. MEETING SCHEDULE

- July 26, 2021 at 1:00 PM

- **Board Packages available on COMB website www.cachuma-board.org**

19. COMB ADJOURNMENT

There being no further business, the meeting was adjourned at 4:01 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

APPROVED:

Polly Holcombe, President of the Board

Cachuma Operation & Maintenance Board
Statement of Net Position
As of June 30, 2021
UNAUDITED FINANCIALS

	<u>Jun 30, 21</u>
ASSETS	
Current Assets	
Checking/Savings	
Trust Funds	
1210 · Warren Act Trust Fund	80,630.72
1220 · Renewal Fund	15,031.82
Total Trust Funds	<u>95,662.54</u>
1050 · General Fund	466,341.48
1100 · Revolving Fund	86,216.26
Total Checking/Savings	<u>648,220.28</u>
Accounts Receivable	
1301 · Accounts Receivable	1,570.00
1325 · Bank Loan Receivable - EPFP	115,862.53
Total Accounts Receivable	<u>117,432.53</u>
Other Current Assets	
1010 · Petty Cash	500.00
1200 · LAIF	1,592,779.14
1303 · Bradbury SOD Act Assessments Receivable	207,474.00
1304 · Lauro Dam SOD Assessments Receivable	31,939.08
1400 · Prepaid Insurance	10,178.72
Total Other Current Assets	<u>1,842,870.94</u>
Total Current Assets	<u>2,608,523.75</u>
Fixed Assets	
1500 · Vehicles	468,728.36
1505 · Office Furniture & Equipment	306,053.41
1510 · Mobile Offices	97,803.34
1515 · Field Equipment	550,152.72
1525 · Paving	38,351.00
1550 · Accumulated Depreciation	(1,276,895.81)
Total Fixed Assets	<u>184,193.02</u>
Other Assets	
1923 · Deferred Outflow (GASB 75)	886,927.00
1910 · Long Term Bradbury SOD Act Assessments Receivable	4,271,329.07
1920 · Long Term Lauro SOD Act Assessments Receivable	772,150.06
1922 · Deferred Outflow of Resources (GASB 68)	336,263.00
Total Other Assets	<u>6,266,669.13</u>
TOTAL ASSETS	<u><u>9,059,385.90</u></u>

Cachuma Operation & Maintenance Board
Statement of Net Position
As of June 30, 2021
UNAUDITED FINANCIALS

	Jun 30, 21
LIABILITIES & NET POSITION	
Liabilities	
Current Liabilities	
Accounts Payable	
2200 · Accounts Payable	59,675.55
Total Accounts Payable	59,675.55
Other Current Liabilities	
2505 · Accrued Wages	11,794.50
2550 · Vacation/Sick	183,338.51
2561 · Bradbury Dam SOD Act	207,473.99
2563 · Lauro Dam SOD Act	31,939.08
2565 · Accrued Interest SOD Act	52,227.00
2567 · Loan Payable Current EPFP	36,701.40
2590 · Deferred Revenue	95,662.54
2594 · Deferred Revenue - Assessments	3,707.50
Total Other Current Liabilities	622,844.52
Total Current Liabilities	682,520.07
Long Term Liabilities	
2602 · Long Term SOD Act Liability-Bradbury	4,271,319.07
2603 · Long Term SOD Act Liability - Lauro	772,150.06
2604 · OPEB Long Term Liability	5,565,697.00
2610 · Net Pension Liability (GASB 68)	1,893,141.00
2611 · Deferred Inflow of Resources (GASB 68)	802,348.00
Total Long Term Liabilities	13,304,655.13
Total Liabilities	13,987,175.20
Net Position	
3000 · Opening Balance Net Position	(5,296,580.05)
3901 · Retained Net Assets	(812,284.12)
Net Income	1,181,074.87
Total Net Position	(4,927,789.30)
TOTAL LIABILITIES & NET POSITION	9,059,385.90

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2020 - June 2021

	Fisheries				Operations				TOTAL			
	Jul '20 - Jun 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jun 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jun 21	Budget	\$ Over / (Under) Budget	% of Budget
Revenue												
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	\$ 1,001,522.00	\$ 1,001,522.00	\$ -	100.0%	\$ 3,084,540.00	\$ 3,806,921.00	\$ (722,381.00)	81.03%	\$ 4,086,062.00	\$ 4,808,443.00	\$ (722,381.00)	84.98%
3006 · Warren Act	77,780.00	62,780.00	15,000.00	123.89%	0.00				77,780.00	62,780.00	15,000.00	123.89%
3007 · Renewal Fund	198,481.79	203,298.00	-4,816.21	97.63%	0.00				198,481.79	203,298.00	-4,816.21	97.63%
3009 · EPPF Loan (Qtrly Assessments)	0.00				463,450.17	0.00	463,450.17	100.0%	463,450.17	0.00	463,450.17	100.0%
3010 · Interest Income	0.00				7,124.55	0.00	7,124.55	100.0%	7,124.55	0.00	7,124.55	100.0%
3014 · Non-Member Agency Revenue	39,040.00	0.00	39,040.00	100.0%	0.00				39,040.00	0.00	39,040.00	100.0%
3020 · Misc Income	0.00				500.00	0.00	500.00	100.0%	500.00	0.00	500.00	100.0%
3035 · Cachuma Project Betterment Fund	90,000.00	90,000.00	0.00	100.0%	0.00				90,000.00	90,000.00	0.00	100.0%
3042 · Sycamore Cnyn Slope Stabln Reim	0.00				3,736.60	0.00	3,736.60	100.0%	3,736.60	0.00	3,736.60	100.0%
3043 · Grant-QC Crossing #8	43,280.29	0.00	43,280.29	100.0%	0.00				43,280.29	0.00	43,280.29	100.0%
Total 3000 REVENUE	\$ 1,450,104.08	\$ 1,357,600.00	\$ 92,504.08	106.81%	\$ 3,559,351.32	\$ 3,806,921.00	\$ (247,569.68)	93.5%	\$ 5,009,455.40	\$ 5,164,521.00	\$ (155,065.60)	97.0%
Expense												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 800,763.39	\$ 1,010,140.00	\$ (209,376.61)	79.27%	\$ 800,763.39	\$ 1,010,140.00	\$ (209,376.61)	79.27%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				30,598.78	35,000.00	-4,401.22	87.43%	30,598.78	35,000.00	-4,401.22	87.43%
3202 · Fixed Capital	0.00				7,147.55	25,000.00	-17,852.45	28.59%	7,147.55	25,000.00	-17,852.45	28.59%
3203 · Equipment Rental	0.00				1,055.96	5,000.00	-3,944.04	21.12%	1,055.96	5,000.00	-3,944.04	21.12%
3204 · Miscellaneous	0.00				4,702.88	10,000.00	-5,297.12	47.03%	4,702.88	10,000.00	-5,297.12	47.03%
Total 3200 VEH & EQUIPMENT	0.00				43,505.17	75,000.00	-31,494.83	58.01%	43,505.17	75,000.00	-31,494.83	58.01%
3300 · CONTRACT LABOR												
3301 · Conduit, Meter, Valve & Misc	0.00				14,501.09	20,000.00	-5,498.91	72.51%	14,501.09	20,000.00	-5,498.91	72.51%
3302 · Buildings & Roads	0.00				31,715.68	20,000.00	11,715.68	158.58%	31,715.68	20,000.00	11,715.68	158.58%
3303 · Reservoirs	0.00				26,523.50	60,000.00	-33,476.50	44.21%	26,523.50	60,000.00	-33,476.50	44.21%
3304 · Engineering, Misc Services	0.00				13,707.76	30,000.00	-16,292.24	45.69%	13,707.76	30,000.00	-16,292.24	45.69%
Total 3300 · CONTRACT LABOR	0.00				86,448.03	130,000.00	-43,551.97	66.5%	86,448.03	130,000.00	-43,551.97	66.5%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				59,163.54	65,000.00	-5,836.46	91.02%	59,163.54	65,000.00	-5,836.46	91.02%
3402 · Buildings & Roads	0.00				8,663.29	8,000.00	663.29	108.29%	8,663.29	8,000.00	663.29	108.29%
3403 · Reservoirs	0.00				3,751.91	5,000.00	-1,248.09	75.04%	3,751.91	5,000.00	-1,248.09	75.04%
Total 3400 · MATERIALS & SUPPLIES	0.00				71,578.74	78,000.00	-6,421.26	91.77%	71,578.74	78,000.00	-6,421.26	91.77%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				6,557.24	7,000.00	-442.76	93.68%	6,557.24	7,000.00	-442.76	93.68%
3502 · Uniforms	0.00				5,029.45	5,000.00	29.45	100.59%	5,029.45	5,000.00	29.45	100.59%
3503 · Communications	0.00				12,904.55	15,800.00	-2,895.45	81.67%	12,904.55	15,800.00	-2,895.45	81.67%
3504 · USA & Other Services	0.00				3,380.76	4,000.00	-619.24	84.52%	3,380.76	4,000.00	-619.24	84.52%
3505 · Miscellaneous	0.00				11,487.75	11,200.00	287.75	102.57%	11,487.75	11,200.00	287.75	102.57%
3506 · Training	0.00				749.98	3,000.00	-2,250.02	25.0%	749.98	3,000.00	-2,250.02	25.0%
Total 3500 · OTHER EXPENSES	0.00				40,109.73	46,000.00	-5,890.27	87.2%	40,109.73	46,000.00	-5,890.27	87.2%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2020 - June 2021

	Fisheries				Operations				TOTAL			
	Jul '20 - Jun 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jun 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jun 21	Budget	\$ Over / (Under) Budget	% of Budget
	4100 · LABOR - FISHERIES	704,003.69	729,413.00	-25,409.31	96.52%	0.00				704,003.69	729,413.00	-25,409.31
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	20,764.39	30,000.00	-9,235.61	69.22%	1,389.50				22,153.89	30,000.00	-7,846.11	73.85%
4280 · Fixed Capital	2,221.03	15,000.00	-12,778.97	14.81%	0.00				2,221.03	15,000.00	-12,778.97	14.81%
4290 · Miscellaneous	0.02	2,500.00	-2,499.98	0.0%	0.00				0.02	2,500.00	-2,499.98	0.0%
Total 4200 · VEHICLES & EQUIP - FISHERIES	22,985.44	47,500.00	-24,514.56	48.39%	1,389.50				24,374.94	47,500.00	-23,125.06	51.32%
4220 · CONTRACT LABOR - FISHERIES												
4221 · Meters & Valves	1,943.85	3,000.00	-1,056.15	64.8%	0.00				1,943.85	3,000.00	-1,056.15	64.8%
4222 · Fish Projects Maintenance	7,669.16	20,000.00	-12,330.84	38.35%	0.00				7,669.16	20,000.00	-12,330.84	38.35%
Total 4220 · CONTRACT LABOR - FISHERIES	9,613.01	23,000.00	-13,386.99	41.8%	0.00				9,613.01	23,000.00	-13,386.99	41.8%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	4,400.52	7,000.00	-2,599.48	62.87%	0.00				4,400.52	7,000.00	-2,599.48	62.87%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	4,400.52	7,000.00	-2,599.48	62.87%	0.00				4,400.52	7,000.00	-2,599.48	62.87%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	3,333.60	3,500.00	-166.40	95.25%	0.00				3,333.60	3,500.00	-166.40	95.25%
Total 4500 · OTHER EXPENSES - FISHERIES	3,333.60	3,500.00	-166.40	95.25%	0.00				3,333.60	3,500.00	-166.40	95.25%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				7,164.30	12,400.00	-5,235.70	57.78%	7,164.30	12,400.00	-5,235.70	57.78%
5001 · Director Mileage	0.00				16.37	600.00	-583.63	2.73%	16.37	600.00	-583.63	2.73%
5100 · Legal	0.00				68,135.45	75,000.00	-6,864.55	90.85%	68,135.45	75,000.00	-6,864.55	90.85%
5101 · Audit	0.00				22,364.88	22,750.00	-385.12	98.31%	22,364.88	22,750.00	-385.12	98.31%
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				18,244.55	33,326.00	-15,081.45	54.75%	18,244.55	33,326.00	-15,081.45	54.75%
5310 · Postage/Office Exp	0.00				6,502.53	5,000.00	1,502.53	130.05%	6,502.53	5,000.00	1,502.53	130.05%
5311 · Office Equip/Leases	0.00				7,871.14	9,700.00	-1,828.86	81.15%	7,871.14	9,700.00	-1,828.86	81.15%
5312 · Misc Admin Expenses	0.00				12,130.33	14,000.00	-1,869.67	86.65%	12,130.33	14,000.00	-1,869.67	86.65%
5313 · Communications	0.00				7,951.54	6,500.00	1,451.54	122.33%	7,951.54	6,500.00	1,451.54	122.33%
5314 · Utilities	0.00				9,221.94	9,737.00	-515.06	94.71%	9,221.94	9,737.00	-515.06	94.71%
5315 · Membership Dues	0.00				10,251.65	9,700.00	551.65	105.69%	10,251.65	9,700.00	551.65	105.69%
5316 · Admin Fixed Assets	0.00				2,986.29	3,000.00	-13.71	99.54%	2,986.29	3,000.00	-13.71	99.54%
5318 · Computer Consultant	0.00				22,418.81	16,500.00	5,918.81	135.87%	22,418.81	16,500.00	5,918.81	135.87%
5325 · Emp Training/Subscriptions	0.00				1,606.75	2,000.00	-393.25	80.34%	1,606.75	2,000.00	-393.25	80.34%
5330 · Admin Travel/Conferences	0.00				0.00	2,000.00	-2,000.00	0.0%	0.00	2,000.00	-2,000.00	0.0%
5331 · Public Information	0.00				2,438.11	3,500.00	-1,061.89	69.66%	2,438.11	3,500.00	-1,061.89	69.66%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				199,304.64	230,713.00	-31,408.36	86.39%	199,304.64	230,713.00	-31,408.36	86.39%
5299 · ADMIN LABOR	0.00				558,679.82	602,068.00	-43,388.18	92.79%	558,679.82	602,068.00	-43,388.18	92.79%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	7,043.75	25,000.00	-17,956.25	28.18%	0.00				7,043.75	25,000.00	-17,956.25	28.18%
5410 · Postage / Office Supplies	3,691.90	4,000.00	-308.10	92.3%	0.00				3,691.90	4,000.00	-308.10	92.3%
5411 · Office Equipment / Leases	4,332.61	6,518.00	-2,185.39	66.47%	0.00				4,332.61	6,518.00	-2,185.39	66.47%
5412 · Misc. Admin Expense	4,834.91	7,500.00	-2,665.09	64.47%	0.00				4,834.91	7,500.00	-2,665.09	64.47%
5413 · Communications	4,281.59	4,455.00	-173.41	96.11%	0.00				4,281.59	4,455.00	-173.41	96.11%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2020 - June 2021

	Fisheries				Operations				TOTAL			
	Jul '20 - Jun 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jun 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jun 21	Budget	\$ Over / (Under) Budget	% of Budget
5414 · Utilities	4,965.64	5,243.00	-277.36	94.71%	0.00				4,965.64	5,243.00	-277.36	94.71%
5415 · Membership Dues	6,133.35	6,200.00	-66.65	98.93%	0.00				6,133.35	6,200.00	-66.65	98.93%
5416 · Admin Fixed Assets	1,606.99	3,000.00	-1,393.01	53.57%	0.00				1,606.99	3,000.00	-1,393.01	53.57%
5418 · Computer Consultant	12,072.65	9,000.00	3,072.65	134.14%	0.00				12,072.65	9,000.00	3,072.65	134.14%
5425 · Employee Education/Subsription	223.25	2,500.00	-2,276.75	8.93%	0.00				223.25	2,500.00	-2,276.75	8.93%
5426 · Director Fees	3,857.70	6,700.00	-2,842.30	57.58%	0.00				3,857.70	6,700.00	-2,842.30	57.58%
5427 · Director Mileage	0.00	300.00	-300.00	0.0%	0.00				0.00	300.00	-300.00	0.0%
5430 · Travel	8.82	2,500.00	-2,491.18	0.35%	0.00				8.82	2,500.00	-2,491.18	0.35%
5431 · Public Information	1,417.83	1,500.00	-82.17	94.52%	0.00				1,417.83	1,500.00	-82.17	94.52%
5441 · Audit	12,042.62	12,250.00	-207.38	98.31%	0.00				12,042.62	12,250.00	-207.38	98.31%
5443 · Liab & Property Ins	9,823.99	17,745.00	-7,921.01	55.36%	0.00				9,823.99	17,745.00	-7,921.01	55.36%
Total 5400 · GENERAL & ADMIN - FISHERIES	76,337.60	114,411.00	-38,073.40	66.72%	0.00				76,337.60	114,411.00	-38,073.40	66.72%
5499 · ADMIN LABOR-FISHERIES	225,304.52	247,776.00	-22,471.48	90.93%	0.00				225,304.52	247,776.00	-22,471.48	90.93%
5510 · Integrated Reg. Water Mgt Plan	0.00				2,113.99	5,000.00	-2,886.01	42.28%	2,113.99	5,000.00	-2,886.01	42.28%
6000 · SPECIAL PROJECTS												
6062 · SCADA	0.00				124,550.88	150,000.00	-25,449.12	83.03%	124,550.88	150,000.00	-25,449.12	83.03%
6090 · COMB Office Building	0.00				242,479.39	300,000.00	-57,520.61	80.83%	242,479.39	300,000.00	-57,520.61	80.83%
6096 · SCC Structure Rehabilitation	0.00				258,132.60	440,000.00	-181,867.40	58.67%	258,132.60	440,000.00	-181,867.40	58.67%
6097 · GIS and Mapping	0.00				7,250.00	10,000.00	-2,750.00	72.5%	7,250.00	10,000.00	-2,750.00	72.5%
6100 · Watershed Sanitary Survey	0.00				36,231.13	70,000.00	-33,768.87	51.76%	36,231.13	70,000.00	-33,768.87	51.76%
6105 · ROW Management Program	0.00				991.85	20,000.00	-19,008.15	4.96%	991.85	20,000.00	-19,008.15	4.96%
6120 · Lake Cachuma Secured Pipeline	0.00				109,535.99	300,000.00	-190,464.01	36.51%	109,535.99	300,000.00	-190,464.01	36.51%
6135 · SCC San Jose Creek Pipe Stabili	0.00				1,736.00	0.00	1,736.00	100.0%	1,736.00	0.00	1,736.00	100.0%
6136 · SCC Isolation Valve Evaluation	0.00				0.00	190,000.00	-190,000.00	0.0%	0.00	190,000.00	-190,000.00	0.0%
6137 · SCC Lower Reach Lateral Structu	0.00				10,814.50	150,000.00	-139,185.50	7.21%	10,814.50	150,000.00	-139,185.50	7.21%
6138 · Cachuma Watershed Mgmt Study	0.00				15,396.99	0.00	15,396.99	100.0%	15,396.99	0.00	15,396.99	100.0%
Total 6000 · SPECIAL PROJECTS	0.00				807,119.33	1,630,000.00	-822,880.67	49.52%	807,119.33	1,630,000.00	-822,880.67	49.52%
6200 · FISHERIES ACTIVITIES												
6201 · FMP Implementation	29,967.43	35,000.00	-5,032.57	85.62%	0.00				29,967.43	35,000.00	-5,032.57	85.62%
6202 · GIS and Mapping	4,520.00	10,000.00	-5,480.00	45.2%	0.00				4,520.00	10,000.00	-5,480.00	45.2%
6205 · USGS Stream Gauge Program	75,623.62	105,000.00	-29,376.38	72.02%	0.00				75,623.62	105,000.00	-29,376.38	72.02%
6207 · Oak Tree Restoration Program	13,647.61	25,000.00	-11,352.39	54.59%	0.00				13,647.61	25,000.00	-11,352.39	54.59%
Total 6200 · FISHERIES ACTIVITIES	123,758.66	175,000.00	-51,241.34	70.72%	0.00				123,758.66	175,000.00	-51,241.34	70.72%
6300 · HABITAT ENHANCEMENT												
6303 · Tributary Projects Support	137.92	10,000.00	-9,862.08	1.38%	0.00				137.92	10,000.00	-9,862.08	1.38%
6315 · Quiota Creek Crossing 8	36,640.16	0.00	36,640.16	100.0%	0.00				36,640.16	0.00	36,640.16	100.0%
Total 6300 · HABITAT ENHANCEMENT	36,778.08	10,000.00	26,778.08	367.78%	0.00				36,778.08	10,000.00	26,778.08	367.78%
7007 · INTEREST EXPENSE-EPFP	0.00				10,853.07	0.00	10,853.07	100.0%	10,853.07	0.00	10,853.07	100.0%
Total Expense	\$ 1,206,515.12	\$ 1,357,600.00	\$ (151,084.88)	88.87%	\$ 2,621,865.41	\$ 3,806,921.00	\$ (1,185,055.59)	68.87%	\$ 3,828,380.53	\$ 5,164,521.00	\$ (1,336,140.47)	74.13%
Net Surplus / Deficit	\$ 243,588.96	\$ -	\$ 243,588.96	100.0%	\$ 937,485.91	\$ -	\$ 937,485.91	100.0%	\$ 1,181,074.87	\$ -	\$ 1,181,074.87	100.0%

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 26, 2021
Submitted by:	Janet Gingras

SUBJECT: Investment Report – June 30, 2021

RECOMMENDATION

The Board of Directors receive and file the Cachuma Operation & Maintenance Board Investment Report as of June 30, 2021.

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 June 2021, is reported at 0.262%.

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

Table 1			
Unrestricted Reserve Funds			
Local Agency Investment Fund (LAIF)			
Previous Balance	5/31/2021	\$	1,592,779.14
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	6/30/2021	\$	1,592,779.14

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	5/31/2021	\$	44,783.30
(+) Deposits/Credits			-
(-) Checks/Withdrawals			(29,751.48)
Statement Balance	6/30/2021	\$	15,031.82
American Riviera Bank Warren Act Trust Fund			
Previous Balance	5/31/2021	\$	80,630.72
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance	6/30/2021	\$	80,630.72

STATEMENT

The above statement of investment activity for the month of June 2021, 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 June 30, 2021

Date	Num	Name	Memo	Amount
1050 - General Fund				
06/01/2021	28544	Aspect Engineering Group	SCADA Upgrade - Upgrade PLC 4	-4,974.06
06/01/2021	28545	Charles T. Plough, III	Director Meeting Fees May 2021	-150.00
06/01/2021	28546	City of Santa-Barbara	Trash / Recycling May 2021	-304.75
06/01/2021	28547	Cori Hayman	Director Meeting Fees May 2021	-150.00
06/01/2021	28548	Economy Tree	Tree Trimming and Removal	-1,225.00
06/01/2021	28549	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality Sampling	-1,950.00
06/01/2021	28550	Frontier Communications	Phone Service - Alarm, Fax, Modem, Board Room	-154.67
06/01/2021	28551	Frontier Communications	Phone Service - North Portal	-63.66
06/01/2021	28552	Giffin Rental & Western Welding	Supplies (Ops)	-7.96
06/01/2021	28553	Harrison Hardware	Oak Tree Restoration Program and Supplies (Fisheries)	-192.04
06/01/2021	28554	J&C Services	Office Cleaning Service - Weekly 4/23-5/14/21	-680.00
06/01/2021	28555	Kristen Sneddon	Director Meeting Fees May 2021	-300.00
06/01/2021	28556	Lauren W. Hanson	Director Meeting Fees May 2021	-300.00
06/01/2021	28557	MarBorg Industries	Portable Facilities (Ops)	-387.92
06/01/2021	28558	Musick, Peeler & Garrett LLP	General Counsel April 2021 (Ops & Fisheries)	-3,611.00
06/01/2021	28559	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 5/14/21 & 5/28/21	-201.70
06/01/2021	28560	Polly Holcombe	Director Meeting Fees May 2021	-256.00
06/01/2021	28561	SB Home Improvement Center	Supplies (Fisheries)	-14.77
06/01/2021	28562	Solinst Canada Ltd.	Levelogger & Barologger (Fisheries)	-939.69
06/01/2021	28563	Southern California Edison	Electricity - Main & Outlying Stations	-1,110.47
06/01/2021	28564	Staples Business Credit	Office Supplies (Ops & Fisheries)	-403.65
06/01/2021	28565	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 3253ci	-123.98
06/01/2021	28566	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance May 2021	-480.00
06/07/2021	28567	AT&T	Long Distance 4/28-05/27/21	-38.24
06/07/2021	28568	City of Santa Barbara-Central Stores	Safety Equipment (Ops)	-277.10
06/07/2021	28569	Culligan of Sylmar	RO Rental May 2021	-30.85
06/07/2021	28570	Famcon Pipe & Supply	South Coast Conduit Materials (Ops)	-636.19
06/07/2021	28571	Federal Express	Lake Cachuma Water Quality Sampling	-235.23
06/07/2021	28572	FP Mailing Solutions	Postage Meter Rental	-195.75
06/07/2021	28573	Grainger	Supplies (Ops)	-45.82
06/07/2021	28574	Graybar Electric Company, Inc.	South Coast Conduit Materials (Ops)	-379.56
06/07/2021	28575	Home Depot Credit Services	Supplies (Ops & Fisheries)	-739.80
06/07/2021	28576	Powell Garage	2015 Ford F-150 Mile Service (Fisheries)	-90.10
06/07/2021	28577	Spatial Wave	Field Mapplet Software Maintenance July-September 2021 (Ops)	-925.00
06/07/2021	28578	Turenchalk Network Services, Inc.	Network Support Billing 5/01/20-5/31/21	-4,002.00
06/07/2021	28579	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-148.60
06/07/2021	28580	Wright Express Fleet Services	Fleet Fuel May 2021	-3,448.00
06/09/2021	28581	ID Works	Uniforms (Ops & Fisheries)	-873.05
06/14/2021	28582	ACE Aerial & Crane Experts	Annual ANSI Inspection (Ops)	-567.10
06/14/2021	28583	Bend Genetics, LLC	Lake Cachuma Water Quality Sampling	-80.00
06/14/2021	28584	Boyd & Associates	Alarm Monitoring	-25.00
06/14/2021	28585	Coastal Copy, LP	Copier Maintenance - Kyocera Taskalfas 3253ci & 6052ci	-572.34
06/14/2021	28586	Cox Communications Santa Barbara	Business Internet June 2021	-155.41
06/14/2021	28587	ECHO Communications	Message Service April - June 2021	-214.00
06/14/2021	28588	Grainger	Supplies (Ops)	-715.56
06/14/2021	28589	Nutrien Ag Solutions, Inc.	Weed Abatement Supplies (Ops)	-143.66
06/14/2021	28590	Phoenix Civil Engineering	Goleta West Conduit Evaluation - Engineering Services (Ops)	-380.00
06/14/2021	28591	Powell Garage	2008 Ford Explorer Cooling and Thermostat Service (Fisheries)	-1,389.50
06/14/2021	28592	Premiere Global Services	Conference Calls May 2021	-26.62
06/14/2021	28593	Southern California Edison	Electricity - Outlying Stations	-29.72
06/14/2021	28594	SWRCB - DWOCP	Johnson, Kevin D2 Certification	-80.00
06/14/2021	28595	Verizon Wireless	Cell Phones, Modems, iPads & SCADA (Ops)	-725.23
06/18/2021	28596	Big Brand Tire Company	2015 Chevy Silverado 1500 Tire Replacement (Ops)	-723.81
06/18/2021	28597	Geosyntec Consultants	2021 Watershed Sanitary Survey - Professional Services (Ops)	-8,526.49
06/18/2021	28598	Impulse Advanced Communications	Phone Service - Main Office	-856.59
06/18/2021	28599	J&C Services	Office Cleaning Service - Weekly 5/15-6/11/21	-680.00
06/18/2021	28600	Sparkletts	Operations Safety	-39.40
06/18/2021	28601	United States Geological Survey	USGS Quarterly Joint Funding Agreement 1/31/21-3/31/21	-21,910.00
06/25/2021	062521A	American Riviera Bank (ARB)	EPFP Loan Payment 1 of 2	-28,123.75
06/25/2021	062521B	American Riviera Bank (ARB)	EPFP Loan Payment 2 of 2	-10,354.21
06/28/2021	28602	American Riviera Bank - Card Service	Office Supplies, SCADA Batteries, Uniforms, Website Hosting, Fisheries Su	-2,631.11

Paid Claims
As of June 30, 2021

Date	Num	Name	Memo	Amount
06/28/2021	28603	Aspect Engineering Group	SCADA Upgrade - Upgrade PLC 2	-7,273.76
06/28/2021	28604	Cushman Contracting Corp.	EPFP Pumping System - Pay Req #86	-3,500.00
06/28/2021	28605	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality Sampling	-950.00
06/28/2021	28606	Federal Express	Shipping (Ops)	-61.77
06/28/2021	28607	FP Mailing Solutions	Postage Meter Rental	-195.75
06/28/2021	28608	HACH Company	Turbidity Probe (Ops)	-5,983.90
06/28/2021	28609	MarBorg Industries	Portable Facilities (Ops)	-387.92
06/28/2021	28610	PG&E	Electricity - North Portal & Tecolote Tunnel	-400.58
06/28/2021	28611	Quinn Company	Annual Lauro Generator Load Test	-1,915.78
06/28/2021	28612	Smith-Root, Inc.	Electrofisher Battery (Fisheries)	-1,018.77
06/28/2021	28613	Wells Fargo Vendor Fin Serv	Copier Lease - Kyocera Taskalfa 3253ci & 6052ci	-400.21
06/29/2021	28614	A-OK Power Equipment-SB	Supplies (Ops)	-214.44
06/29/2021	28615	ACWA/Joint Powers Insurance Authority	Essentials for the Water Industry Program Education (Ops)	-1,195.00
06/29/2021	28616	Advanced Cable Systems	Installation of Fiber-Optic Cable Ops Building	-2,800.26
06/29/2021	28617	Fence Factory	Repair Chain Link Fence	-626.00
06/29/2021	28618	Hayward Santa Barbara	Supplies (Ops)	-190.31
06/29/2021	28619	MarBorg Industries	E-Waste Disposal	-150.00
06/29/2021	28620	O'Reilly Automotive, Inc.	Automotive Supplies (Ops)	-5.21
06/29/2021	28621	Southern California Edison	Electricity - Main & Outlying Stations	-1,599.41
06/30/2021	28622	Atlas Performance Industries, Inc.	June 2021 Progress Deposit - Admin & Fisheries Trailers Replacement	-81,301.43
Total 1050 · General Fund				<u>-219,166.61</u>
TOTAL				<u>-219,166.61</u>

APPROVALS

Director _____

Director _____

Director _____

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 26, 2021
Submitted by:	Janet Gingras

SUBJECT: Committee Appointments for Fiscal Year 2021-22

RECOMMENDATION:

It is recommended that the President of the Board consider and appoint standing committee members for Fiscal Year 2021-22.

SUMMARY:

The COMB Board consists of five standing committees including Administrative, Operations, Fisheries, Lake Cachuma Oak Tree, and Public Outreach. Each committee consists of two Board Directors (one of which is the Chair and the other a Member) and an alternate Director to serve on each committee. The committees meet during the course of the fiscal year, on an as-needed basis, together with COMB staff, to discuss various subjects and make recommendations to the Board. The Board President is responsible for the appointment of Directors to serve on each committee.

LIST OF EXHIBITS:

1. Current Committee appointments

COMMITTEE NAME	COMMITTEE CHAIR	COMMITTEE MEMBER	ALTERNATE MEMBER
Administrative (Finance, Personnel, Legal)	Director Holcombe	Director Hanson	Director Hayman
Operations	Director Sneddon	Director Holcombe	Director Hanson
Fisheries	Director Hanson	Director Hayman	Director Holcombe
Lake Cachuma Oak Tree	Director Hayman	Director Sneddon	Director Hanson
Public Outreach	Director Hanson	Director Holcombe	Director Hayman

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 26, 2021
Submitted by:	Edward Lyons
Approved by:	Janet Gingras

SUBJECT: Annual Resolutions Regarding Bank Accounts, Statement of Investment Policy and Establishing a Time and Place for Regular Board Meetings

RECOMMENDATION:

The Board of Directors approve Resolutions No. 726 through No. 734 by roll call vote on one motion, unless a member requests separate consideration.

SUMMARY:

In June or July of each year, the Board holds its annual organizational meeting. The attached resolutions are presented annually to adopt an annual statement of investment policy, affirm the check signing policy for all COMB bank accounts, authorize signatories on those accounts, and establish the time and place of COMB Board meetings. The approval of the attached resolutions is a basic housekeeping item and is identical to the resolutions presented to the Board in the past. Prior resolutions of the same subject matter will be superseded by the resolutions presented within.

The regular COMB Board meetings are held the fourth Monday of each month. Resolution No. 734 establishes regular meeting dates of the COMB Board. However, due to occasions where a holiday falls on or near the fourth Monday, the regular meeting has historically been moved to the third Monday for that particular month.

LIST OF EXHIBITS:

1. Resolutions No. 726 through No. 734

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RESOLUTION NO. 726

**A RESOLUTION OF THE CACHUMA OPERATION AND MAINTENANCE BOARD
ADOPTING AN ANNUAL STATEMENT
OF INVESTMENT POLICY**

WHEREAS, the Board of Directors has heretofore established a General Fund from which monies may be expended for general operating purposes, and

WHEREAS, the Board of Directors, has in addition, established reserve funds designated as "General Reserve" from which monies may be expended for specific and operating purposes, and

WHEREAS, the Cachuma Operation and Maintenance Board has on hand in the General Fund from time to time monies which are surplus to the Board's immediate operating needs, and

WHEREAS, it has been determined to be in the public interest to invest such surplus and inactive monies in a manner which insures a maximum return consistent with safety on such investments while maintaining the integrity of such surplus and inactive funds, and

WHEREAS, the Board of Directors has heretofore designated depositories, and may from time to time hereafter designate additional such depositories to have custody of Cachuma Operation and Maintenance Board funds, and

WHEREAS, such designated depositories must provide security for such Board funds as may be deposited with them, as provided by statute, and

WHEREAS, the Secretary has rendered an Annual Statement of Investment Policy to the Board pursuant to Section 53646(a) of the Government Code

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

The Secretary's Annual Statement of Investment Policy dated July 26, 2021 attached hereto as Exhibit A, is hereby approved and adopted.

PASSED, APPROVED AND ADOPTED this 26th day of July 2021 by the following roll call vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

ATTEST:

President of the Board

Secretary of the Board

TO: Board of Directors
FROM: Janet Gingras, Secretary
DATE: July 26, 2021
RE: SECRETARY'S ANNUAL STATEMENT OF INVESTMENT POLICY

The following is my annual statement of investment policy rendered pursuant to Section 53646(a) of the Government Code:

1. Investment of sinking fund or surplus money of Cachuma Operation & Maintenance Board (*Board*) shall be made in securities in which the Board is legally empowered to invest such funds in accordance with Section 53601 of the Government Code, taking into consideration the probable income as well as the probable safety of said funds, exercising the judgment and care under the circumstances prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not in regard to speculation, but in regard to the permanent disposition of said funds.
2. As far as possible, all money shall be deposited for safekeeping in state or national banks or state or federal savings and loan associations or may be invested as provided in Section 53635 of the Government Code.
3. Money may be invested in the Local Agency Investment Fund in accordance with Section 16429.1 of the Government Code.
4. No investments shall be made in financial futures or financial option contracts which are otherwise allowed pursuant to Section 53601.1 of the Government Code.
5. All interest earned shall be credited to the General Fund.
6. Accounts shall be established and maintained in Board accounting records to record surplus and inactive funds at all times in accordance with the State Controller's chart of accounts as authorized by Section 53891 of the Government Code.
7. Reserve Fund account balances shall be maintained separately and shall reflect at all times the balance in each reserve fund in a manner consistent with generally accepted accounting practices.
8. Depositories having custody of Board funds shall be directed to forward copies of all correspondence concerning Board funds to the Secretary of the Board.
9. Verification that monies have been on deposit at all times and collateralized in amounts equal to or in excess of funds designated by the Board of Directors as reserve funds shall be made in the annual audit of records.
10. After review and prior authorization by the Board of Directors, the Secretary should be delegated the authority and responsibility to invest or to reinvest funds of the Board or to sell or exchange securities so purchased in accordance with Section 53607 of the Government Code.
11. The Board should from time to time determine which reserve funds are surplus and which are inactive.
12. The Secretary shall render a monthly report to the Board in accordance with Section 53646(b) of the Government Code.

RESOLUTION NO. 727

**RESOLUTION OF THE BOARD OF DIRECTORS OF
CACHUMA OPERATION AND MAINTENANCE BOARD
AUTHORIZING INVESTMENT OF MONIES IN THE
LOCAL AGENCY INVESTMENT FUND**

WHEREAS, Pursuant to Chapter 730 of the statutes of 1976 Section 16429.1 was added to the California Government Code to create a Local Agency Investment Fund in the State Treasury for the deposit of money of a local agency for purposes of investment by the State Treasurer; and

WHEREAS, The Board of Directors does hereby find that the deposit and withdrawal of money in the Local Agency Investment Fund in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein is in the best interests of the Cachuma Operation and Maintenance Board (COMB).

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors does hereby authorize the deposit and withdrawal of COMB monies in the Local Agency Investment Fund in the State Treasury in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein, and verification by the State Treasurer's Office of all banking information provided in that regard.

BE IT FURTHER RESOLVED, that the following COMB officers or their successors in office shall be authorized to order the deposit or withdrawal of monies in the Local Agency Investment Fund.

President, Board of Directors

Vice-President, Board of Directors

General Manager/
Secretary of the Board

Administrative Manager/CFO
Auditor-Controller

This resolution supersedes Resolution No. 710 dated July 27, 2020, and all resolutions preceding it pertaining to authorized deposits and withdrawals for said account.

PASSED, APPROVED AND ADOPTED, by the Board of Directors of COMB, County of Santa Barbara, State of California on July 26, 2021 by the following vote:

- AYES:**
- NAYS:**
- ABSENT:**
- ABSTAIN:**

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 728

**A RESOLUTION OF THE
CACHUMA OPERATION AND MAINTENANCE BOARD (CUSTOMER)
ESTABLISHING A SUPPLEMENTAL ACCOUNT AGREEMENT
FOR TELEPHONE TRANSFERS**

The undersigned Customer further agrees with American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) in connection with its Agreement for General Fund and Revolving Fund Accounts, hereinafter referred to as the "checking accounts", that the Bank may honor telephone instructions to transfer funds to and from the State Treasurer's Local Agency Investment Fund, maintained at the Bank of America Sacramento Branch to and from Customer's above listed local accounts when such instructions are given by the person, or one of the persons, authorized below to make such transfers.

In consideration of the Bank accepting telephone instructions to transfer, the Bank may require such identification of the person giving such instructions as it may deem necessary and sufficient and the undersigned Customer will indemnify and hold harmless the Bank from all loss or damage resulting from such instructions, including incorrect identification.

Any one of the following persons is authorized to make telephone transfers to and from the Checking Accounts(s):

_____ President, Board of Directors	_____ Vice-President, Board of Directors
_____ General Manager/ Secretary of the Board	_____ Administrative Manager/CFO Auditor-Controller

The Bank is authorized to accept and rely upon the telephone instructions of the above persons, and each of them, unless and until the undersigned Customer shall deliver to the Bank at the Branch where the Checking accounts are located a specific written instruction revoking the authority of such person(s) to make such telephone instruction, and the Bank has a reasonable opportunity to comply (*which shall be at least one banking business day*) with the written revocation of authority.

This resolution supersedes Resolution No. 711 dated July 27, 2020, and all resolutions preceding it pertaining to said Agreement.

PASSED, APPROVED AND ADOPTED this 26th day of July 2021 by the following roll call vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 729

**A RESOLUTION OF THE CACHUMA OPERATION AND MAINTENANCE BOARD
ESTABLISHING A POLICY FOR SIGNING CHECKS DRAWN ON THE GENERAL FUND
ACCOUNT FOR THE PAYMENT OF CLAIMS**

WHEREAS, the Cachuma Operation and Maintenance Board maintains a separate checking account at American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) for the payment of bills and claims presented to the Board herein called the General Fund, and

WHEREAS, the checks issued on the General Fund require two (2) authorized signatures before the checks are honored by the Bank; and

WHEREAS, the Board of Directors reviews and approves the payment of claims for all checks issued on the General Fund at the Board's monthly meeting,

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Cachuma Operation and Maintenance Board that the following policy be adopted:

All checks issued from the General Fund will require two (2) signatures of the following: General Manager, Administrative Manager/CFO and any member of the Board of Directors who is a designated signatory.

This resolution supersedes Resolution No. 712 dated July 27, 2020, and all resolutions preceding it pertaining to establishing policy for staff to sign checks for payment of claims.

PASSED, APPROVED AND ADOPTED this 26th day of July 2021, by the following vote:

AYES:
NAYS:
ABSENT:
ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 730

**A RESOLUTION OF THE
CACHUMA OPERATION AND MAINTENANCE BOARD AUTHORIZING
SIGNATORIES FOR GENERAL FUND ACCOUNT AT
AMERICAN RIVIERA BANK**

WHEREAS, the Cachuma Operation and Maintenance maintains a separate checking account at American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) for the payment of bills and claims presented to the Board herein called the General Fund, and

WHEREAS, the checks issued on the General Fund require two (2) authorized signatures; and

WHEREAS, the Board of Directors reviews and approves the payment of claims for all checks issued on the General Fund at the Board's monthly meeting.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said account subject to those conditions as specified in Resolution No. 729 adopted by this Board on July 26th, 2021.

President, Board of Directors

Vice-President, Board of Directors

Director

Director

General Manager/Secretary of the Board

Administrative Manager/CFO Auditor-Controller

This resolution supersedes Resolution No. 713 dated July 27, 2020, and all resolutions preceding it pertaining to authorized signatories for said account.

PASSED, APPROVED AND ADOPTED this 26th day of July 2021, by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 731

**A RESOLUTION OF THE
CACHUMA OPERATION AND MAINTENANCE BOARD AUTHORIZING
SIGNATORIES FOR REVOLVING FUND ACCOUNT AT
AMERICAN RIVIERA BANK**

WHEREAS, the Cachuma Operation and Maintenance Board maintains a separate checking account at American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) for the payment of payroll and related items herein called the Revolving Fund, and

WHEREAS, the checks issued on the Revolving Fund require one authorized signature before the checks are honored by the Bank.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said account:

President, Board of Directors

Vice-President, Board of Directors

General Manager/Secretary of the Board

Administrative Manager/CFO Auditor-Controller

This resolution supersedes Resolution No. 714 dated July 27, 2020, and all resolutions preceding it pertaining to authorized signatories for said account.

PASSED, APPROVED AND ADOPTED this 26th day of July 2021, by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 732

**A RESOLUTION OF THE CACHUMA OPERATION AND MAINTENANCE BOARD
ESTABLISHING A POLICY FOR SIGNING CHECKS DRAWN ON THE
CACHUMA PROJECT TRUST FUND AND THE
CACHUMA MASTER CONTRACT RENEWAL FUND ACCOUNTS
FOR THE PAYMENT OF CLAIMS**

WHEREAS, the Cachuma Operation and Maintenance Board has established separate money market accounts at American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) for the payment of bills and claims presented to the Board herein called the Cachuma Project Trust Fund and the Cachuma Master Contract Renewal Fund Account (Renewal Fund), and

WHEREAS, the checks issued on either money market account require two (2) authorized signatures before the checks are honored by the Bank; and

WHEREAS, the Board of Directors reviews and approves the payment of claims for all checks issued on the Cachuma Project Trust Fund and Renewal Fund accounts at the Board's monthly meeting,

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Cachuma Operation and Maintenance Board that the following policy be adopted:

All checks issued from the Cachuma Project Trust Fund and Renewal Fund accounts will require two (2) signatures of the following: General Manager, Administrative Manager and any member of the Board of Directors who is a designated signatory.

This Resolution supersedes Resolution No. 715 dated July 27, 2020 and all resolutions preceding it pertaining to establishing policy for signing checks drawn on the Cachuma Project Trust Fund and Renewal Fund accounts.

PASSED, APPROVED AND ADOPTED this 26th day of July 2021, by the following vote:

AYES:
NAYS:
ABSENT:
ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 733

**A RESOLUTION OF THE
CACHUMA OPERATION AND MAINTENANCE BOARD AUTHORIZING
SIGNATORIES FOR THE CACHUMA PROJECT TRUST FUND AND THE
CACHUMA MASTER CONTRACT RENEWAL FUND ACCOUNTS AT
AMERICAN RIVIERA BANK**

WHEREAS, the Cachuma Operation and Maintenance Board (COMB) by Resolution No. 249 of January 27, 1997 assumed responsibility for managing the Cachuma Project Trust Fund and the Cachuma Master Contract Renewal Fund (Renewal Fund), and

WHEREAS, COMB has identified American Riviera Bank (*formerly The Bank of Santa Barbara*) (Bank) as the most favorable institution with which to establish these accounts; and

WHEREAS, the checks issued on the Renewal Fund and Cachuma Project Trust Fund require two (2) authorized signatures; and

WHEREAS, the Board of Directors reviews and approves the payment of claims for all checks issued on the Renewal Fund and Cachuma Project Trust Fund accounts at the Board's monthly meeting,

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Cachuma Operation and Maintenance Board that the following persons are authorized signatories on said accounts subject to those conditions as specified in Resolution No. 732 adopted by this Board on July 26th, 2021.

President, Board of Directors

Vice-President, Board of Directors

Director

Director

General Manager/Secretary of the Board

Administrative Manager/Auditor-Controller

This resolution supersedes Resolution No. 716 dated July 27, 2020, and all resolutions preceding it pertaining to authorized signatories for said account.

PASSED, APPROVED AND ADOPTED this 26th day of July 2021 by the following vote:

- AYES:**
- NAYS:**
- ABSENT:**
- ABSTAIN:**

APPROVED:

President of the Board

ATTEST:

Secretary of the Board

RESOLUTION NO. 734

**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 1:00 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. 717 dated July 27, 2020 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 26th day of July 2021, by the following roll call vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED:

President of the Board

ATTEST:

Secretary of the Board



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.”

July 26, 2021

General Manager Report

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

Administration

- **State Drought Declaration**

Amid intensifying drought and record-breaking temperatures across the Western United States, on July 8, 2021, Governor Gavin Newsom added nine counties to the regional drought state of emergency proclamation. Those additional counties include Inyo, Marin, Mono, Monterey, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara and Santa Cruz. The emergency proclamation will enable state agencies to more quickly and effectively support drought response through actions such as expediting purchasing and contracting to complete projects that are imperative to water supplies. The Governor also called on Californians to voluntarily reduce their water use by fifteen percent with simple measures to protect water reserves if drought conditions continue, and to help maintain critical flows for fish and wildlife wherever possible. The State Water Resources Control Board and the Department of Water Resources will monitor progress on voluntary conservation, reservoir storage, soil moisture and other metrics in the coming months to determine whether additional drought response actions are needed.

On Tuesday, July 13th, the Santa Barbara County Board of Supervisors approved a proclamation of local emergency due to drought conditions, which came less than a week after Governor Newsom added the county to the list of California counties experiencing drought and subject to the state emergency declaration. State Water Project deliveries are currently set at 5% and Lake Cachuma storage is currently at 55% with approximately 106,000 acre-feet of total storage.

- **Replacement Office Building Project Update**

Preparation in advance of the office building demolition and replacement office installation has been underway for the past several weeks. All furniture and fixtures have been removed from the two mobile office buildings in preparation for the demolition. Staff has re-located workstations and computers to the Operations Division office and the Board room. Re-routing of electrical and communication conduit has been accomplished which will provide for a more secure, separate power source for critical components in the Operations Division building. Contractor mobilization is scheduled to begin Monday, July 26th with demolition to occur for approximately ten days. The new mobile office buildings are scheduled to be delivered by API on Monday, August 9th with complete installation expected to take approximately three weeks to one month. Extraneous work will be completed after the buildings are installed including electrical, plumbing and communication installation, re-attaching the deck, and providing for overhead cover, dry-rot repair and painting on the existing administration building.

- **Contracts Executed by the General Manager – 4th Quarter Fiscal Year 2020-21**

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 April 1, 2021 through June 30, 2021 is presented for information.

Under the general procurement guidelines, Section 2 of the COMB Procurement Policy authorizes the General Manager to approve expenditures made for official Agency business up to a maximum of \$25,000, provided such expenditures are within the budget, as adopted by the Agency. Section 3(C) also provides

General Manager Report
July 26, 2021

that purchases of supplies, equipment, and non-professional services greater than \$5,000 and less than \$25,000, requires a minimum of two price 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 April 1, 2021 through June 30, 2021, sorted by execution date.

Table 1
Contracts Executed by General Manager
April 1 - June 30, 2021

Vendor Name	Contract Description	Board Approved	Date Executed	Date Expires	Contract Amount
Challenge Asphalt	Ortega Ridge Asphalt Seal Coat Project	N/A	04/01/2021	04/30/2021	\$5,915
Economy Tree Incorporated	Tree Service - facilities	N/A	04/16/2021	05/31/2021	\$1,225
CalPortland Construction	Utility Adjustment for CalTrans Hwy 192 Paving Project	N/A	06/15/2021	12/31/2021	\$18,925
Advanced Cable Systems	Fiber-Optic Cable Install	N/A	06/21/2021	06/30/2021	\$2,800
Peter Lapidus Construction, Inc.	Mobile Office Demolition	N/A	06/25/2021	08/31/2021	\$24,975

Virtual Meetings

- **Santa Barbara County Office of Emergency Management (OEM) Meetings**

Staff participated in an initial virtual drought planning meeting hosted by the County OEM. Essentially, the meeting was a kick-off meeting to review and update previous planning efforts which focused on emergency coordination and identify available resources to support local water agencies and the community at large.

COMB staff also participated in the regular Santa Barbara County Operational Area (OA) Emergency Managers meeting. The OA partners received a presentation from the City of Ontario Fire Department and Office of Emergency Management on a fireworks explosion incident that occurred in March 2021. The purpose of the presentation was to provide an overview of the response and recovery efforts as well as lessons learned. The OA Partners also received a brief presentation from the Santa Barbara County Voluntary Organizations Active in Disaster (VOAD) which coordinates efforts of nonprofits, government agencies and faith based organizations with respect to disaster preparedness and recovery assistance. Last, the Santa Barbara County OEM staff announced that the County hired a vendor to upgrade the County's website across all departments with upgrades scheduled to occur in the fall of 2021.

Respectfully Submitted,

Janet Gingras

General Manager

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: July 26, 2021
TO: Janet Gingras, General Manager
FROM: Joel Degner, Engineer/Operations Division Manager
RE: MONTHLY ENGINEERING REPORT

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

CLIMATE CONDITIONS

The U.S. Drought Monitor classification for the South Coast of Santa Barbara County continues to be categorized as extreme (as of 7/13/21). The Santa Barbara County-wide rainfall is 48 percent of normal. The live fuel moisture measured at Cachuma is 62% as of 7/1/21, which is lower than the historical average of 77% for this time of year and close to the 60 percent critical threshold for extreme wildfire behavior. The State of California added Santa Barbara County to the State emergency drought proclamation on July 8, 2021. The County of Santa Barbara proclaimed a local emergency caused by drought conditions on July 13, 2021.

The National Weather Service Climate Prediction Center projects La Niña conditions to potentially emerge during the September-November season and last through the 2021-22 winter (66% chance during November-January). La Niña conditions in general result in less than average inflow into Lake Cachuma. Years with La Niña conditions from 1954-2021 resulted in approximately 50 percent less inflow on average into Lake Cachuma. However, wetter years with over 100,000 acre-feet of inflow have occurred during La Niña conditions in recent decades (2001, 2006, 2008, and 2011).

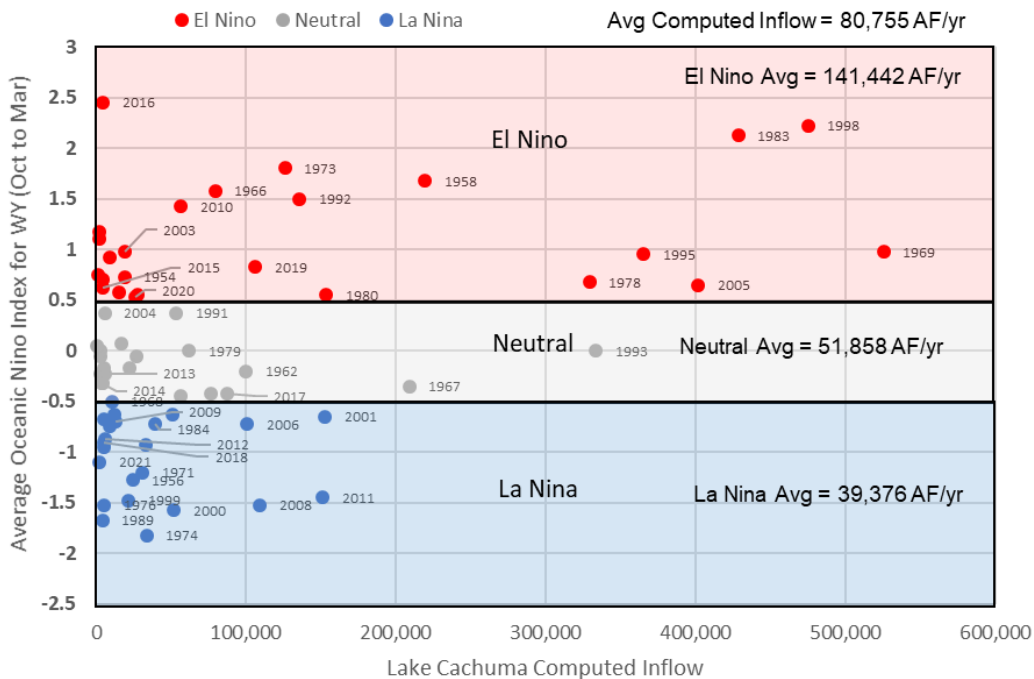


Figure 1. Comparison of the Oceanic Nino Index to Lake Cachuma Computed Inflow (1954-2021)

Lake Cachuma is currently at 55.4% capacity (719.17' as of 7/15/21). The last time that Lake Cachuma spilled was in March 2011. Figure 2 provides the historical lake elevation from 1/1/2011 to present and a summary of the previous Emergency Pumping Facility Project (EPFP) implementation. Of note, Lake Cachuma elevation was 721.07' on July 15, 2013, which is very close to the current elevation (719.17'). COMB Member Agencies have more carryover in the Lake in 2021 than in 2013 due to the development of alternate water supplies (groundwater and desalination) and continued water conservation by the community (Figure 3). For example, the deliveries from Lake Cachuma to the South Coast in June 2013 were 3,273 acre-feet compared to 2,370 acre-feet in June 2021 (~30 percent lower deliveries). Without the carryover of the allocated water from previous years, the lake storage would be approximately 30,000 acre-feet less or 15 feet lower (704') today.

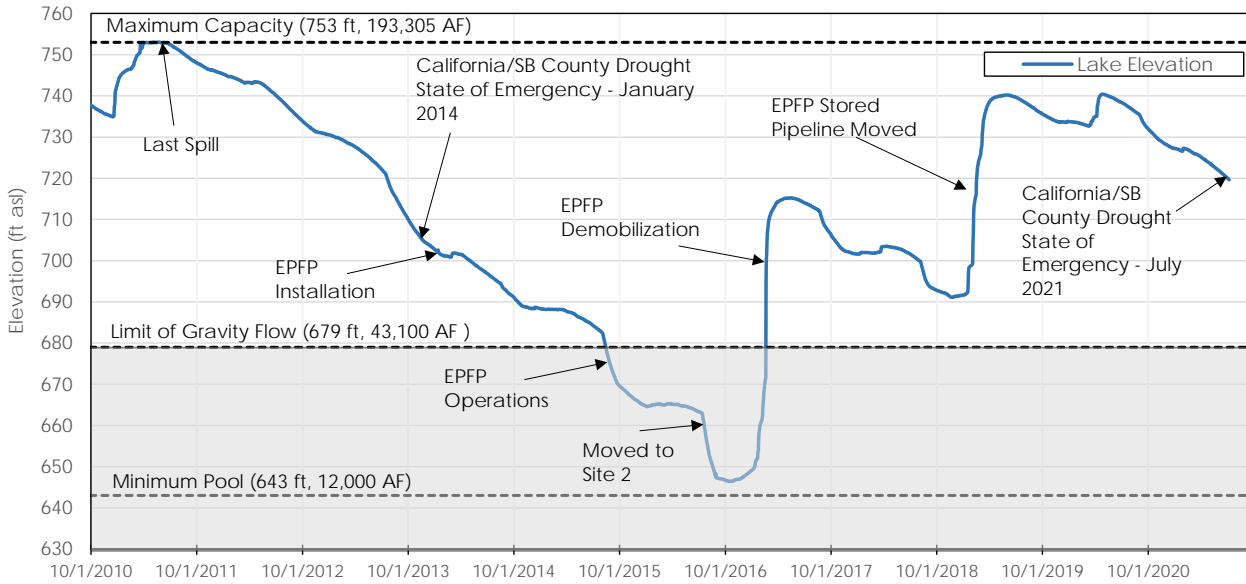


Figure 2. Historical Lake Cachuma Elevations - 10/1/2010 to 7/15/21

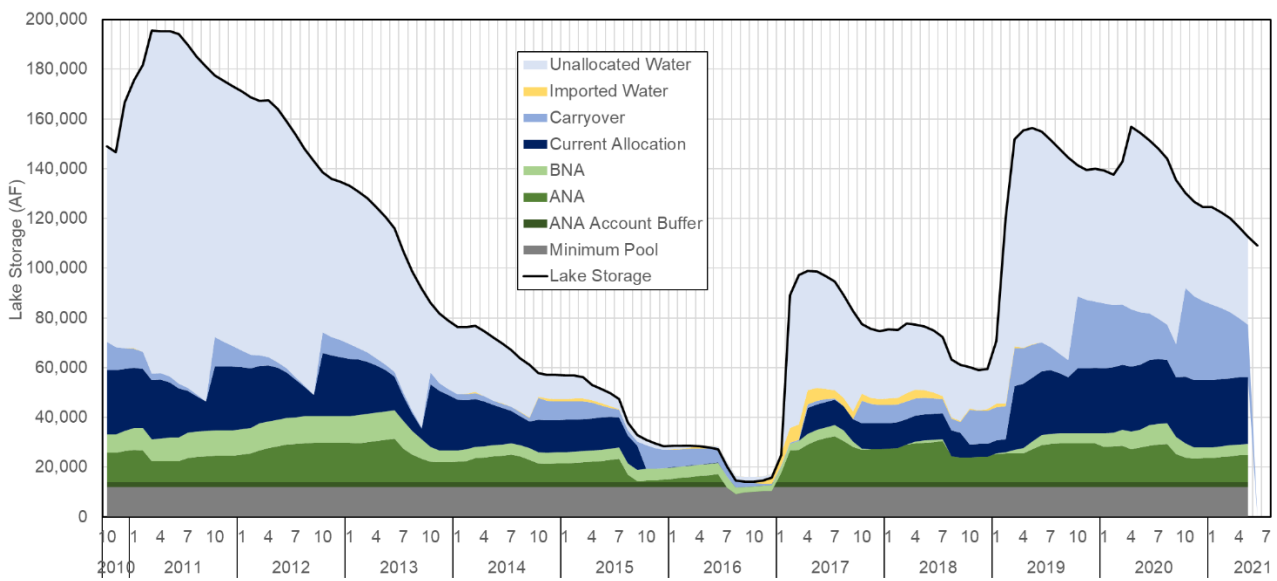


Figure 3. Historical Lake Cachuma Storage Accounting - 10/1/2010 to 6/30/21

LAKE ELEVATION PROJECTION

Figure 4 provides the lake elevation projection if dry conditions continue. These modeling projections utilize hydrology from water year 2012-2013 for continued dry conditions. The downstream release for Santa Ynez River Water Conservation District is anticipated to begin in early August and continue into October. The anticipated amount to be released by Santa Ynez River Water Conservation District is estimated to be approximately 5,000 to 6,000 AF for an Above the Narrows release. These numbers are preliminary and subject to change. Figure 4 also includes the historical lake elevation from the previous drought (2013; shown in light grey) alongside the modeled scenarios for comparison.

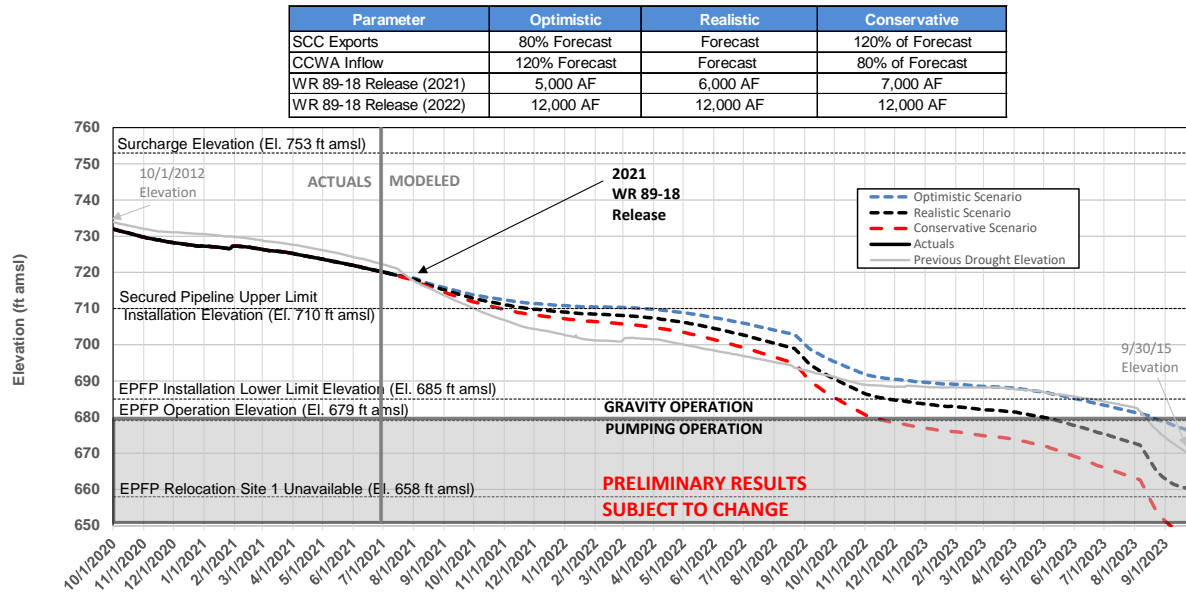


Figure 4. Projected Lake Cachuma Elevation assuming Continued Dry Conditions

EMERGENCY PUMPING FACILITY AND SECURED PIPELINE PROJECT

On May 7, 2014, COMB Board of Directors approved the Drought Emergency Pumping Facility Project (EPFP). The installation of the EPFP was completed in September 2014. Following the completion of the construction at Site 1, the EPFP was in standby mode until August 2015. The EPFP pumped water from Site 1 starting in August 2015. However, dropping lake elevations required that the EPFP be relocated from Site 1 to Site 2 in July 2016. The lake reached its lowest elevation in history in October 2016. The barge stayed at Site 2 and would do so until the lake reached 665 feet. Once the lake reached 665 feet in February of 2017, the barge moved back to the Site 1 location and the piles and pipeline connecting Site 2 to Site 1 were removed. During the rainfall event on February 18th, the lake rose to a level where the piles and pipeline from Site 1 to the intake tower were removed. Currently, all piles have been removed from the lake. The pipeline to reach Site 1 is currently stored on the lake shore near Mohawk campground. Key components of the barge are in storage off-site. COMB provides \$3,500 in monthly payments to maintain the contract and key components in storage. The key terms of the existing contract for deployment are as follows:

- A Notice to Proceed shall be issued no later than 45 days before the lake drops below elevation 685 feet.
- After the Notice to Proceed is issued the contractor shall have a minimum of 120 days at a lake elevation of 680 feet or above for the facility to be operational.
- The lump sum cost for mobilization and facility construction is \$1,666,375. Standby operations shall be \$30,000 per month and Site 1 Operations \$62,000 per month.

COMB has since proposed to revise the drought contingency plan to secure the floating pipeline to the bottom of Lake Cachuma due to mobilization and other issues with the current configuration. In 2019, COMB applied for a WaterSMART Drought Response Program: Drought Resiliency Projects grant and was awarded a \$750,000 grant for the Secured Pipeline Project. The grant expires December 31, 2022. The grant funding is only planned to be utilized for construction costs (currently estimated to be \$2,700,000). The objectives of secured pipeline project are to: (1) reduce the elevation triggers for installing the EPF; (2) eliminate the need to install and remove

temporary anchor piles and floating pipeline; (3) eliminate the need to store the pipeline near the shore of the lake; (4) reduce the costs for each subsequent use of the EPF; and (5) reduce the period between initial EPF deployment and operation from over a year to 120 days. With the secured pipeline installed on the bottom of the lake, the remaining assembly would include only the temporary removable pump station. The secured pipeline would also include a gravity intake which could be used to improve the water quality delivered from the lake during normal conditions. Deeper water typically has lower total organic carbon (TOC) concentrations and temperatures.

As currently designed, the proposed Secured Pipeline Project could be installed at water elevations of 710' or less, which is projected to occur in March/April of 2022 if dry conditions continue. An elevation at or below 710' decreases project costs by minimizing complications associated with higher lake elevations (diving limitations, pipeline bending stresses, pile installation, and sedimentation excavation). Without the Secured Pipeline Project, the EPFP would need to be installed in August 2022. However, if the Secured Pipeline is installed first, the installation of the pumping barge facility may be possible to be delayed until the following spring in 2023, allowing for an additional chance for rain in the winter of 2022-23.

INFRASTRUCTURE IMPROVEMENT PROJECTS

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

Table 1. Fiscal Year 2021-2022 Infrastructure Improvement Projects

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
Infrastructure Improvement Projects			
SCADA System	COMB entered into a contract with Aspect Engineering to replace the six remaining legacy PLCs. PLCs 2,3, and 4 have been replaced. The remaining PLC are 5, 6, and, 9. PLC 6 will be replaced in July.	COMB SCADA system was installed in 2004 and existing hardware is obsolete and in need of replacement. PLC replacements will require coordination with COMB's Member Agencies.	PLC upgrades are planned to be completed by 2022.
COMB Building and Ground Repair	Existing modular offices have been prepared for removal. The existing offices will be removed at the end of July and the new modular offices installed in August.	COMB Admin and Fisheries modular offices will be replaced in-kind to limit complexity and challenges of construction.	Modular buildings will be installed in August/September.
SCC Structure Rehabilitation : AVAR/BO Valves	Eight structures remain to be rehabilitated. COMB staff is working on the plans for the rehabilitation of the remaining eight structures.	COMB prioritized non-shutdown related work that could be completed this winter. COMB staff is planning next year's work which will require shutdowns in Carpinteria.	Shutdowns need to be coordinated with Reclamation and CWWD.
SCC Line Valves for Shutdown	Design of the La Mirada line valve in Carpinteria has been finalized. COMB has received Caltrans permit and Reclamation MP-620 approval for the project and is the process of preparing bid documents.	Additional line valve(s) are needed in Carpinteria to facilitate shutdown work. A Cooperative Agreement between CWWD and COMB is proposed to facilitate the work which will require approval by COMB's board.	Construction likely occur in Fall/Winter (Nov to Jan) of 2021.
SCC Structure Rehabilitation : Lower Reach Laterals	COMB/CWWD are reviewing the updated designs for the project. Once designs are finalized the bid documents will be prepared.	In order to facilitate shutdowns on the Lower Reach of the SCC, lateral valves need replacement. COMB is collaborating with CWWD on this project.	Construction will depend on collaboration with CWWD and likely to commence in Fall/Winter 2021/2022.
Special Projects			
Emergency Pumping Facility - Secured Pipeline Project	For the existing EPFP system - key components of the barge are currently being stored under contract and 3600 feet of pipeline are stored at the lake shore at Lake Cachuma. Engineering designs have been submitted to Reclamation for their MP620 review for the Secured Pipeline Project. Reclamation is in the process of conducting the NEPA review.	The elevation of the lake The lake elevation is projected to remain above 685' until the Fall 2022. Installation of the EPFP is needed when the elevation is projected to fall below 685'. The Secured Pipeline Project could be installed in the Spring/Summer of 2022 if dry conditions continue	Construction could occur in Summer of 2022 depending on lake elevations.
Watershed Sanitary Survey Update	Geosyntec completed the site visits and interviews required for the survey and is in the process of preparing the the draft report.	The update is a collaborative effort with COMB's member agencies, Santa Ynez, and the City of Lompoc.	Sanitary Survey is due by October 2021.
Lake Cachuma Water Quality and Sediment Management Study	The Study was completed in August 2020. COMB staff continues to implement recommended action items. These include the Secured Pipeline Project, updated bathymetric survey (planned by the County in 2021), and phosphorous/TOC source study (tentatively planned for Fall of 2021).	Additional sampling is needed to better understand nutrient and total organic sources prior to determining if additional larger actions at the lake would make sense from a cost-benefit stand point.	A focused phosphorous and TOC sourcing study is planned for FY 2021/2022

CACHUMA OPERATION AND MAINTENANCE BOARD

DATE: July 26, 2021
TO: Janet Gingras, General Manager
FROM: Shane King, Operations Supervisor
RE: **MONTHLY REPORT OF OPERATIONS – June 2021**

The total flow from Lake Cachuma into the Tecolote Tunnel for June was 2,370.2 acre-feet, for an average daily flow of 79.0 acre-feet. Lake elevation was 721.89 feet at the beginning of June and 720.14 feet at the end of June. Lake storage decreased by 3,787 acre-feet. There was 89.9 acre-feet of inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 49.12 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 265.0 acre-feet of water to Hilton Creek for the month of June.

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, 60 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

Operations staff continue to follow the implemented physical distancing measures as a response to COVID-19. Operators utilize separate vehicles and mostly completed work that could be done by one staff member or with appropriate physical distance if multiple staff are required. Routine operation and maintenance completed during the month of June 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 128 USA Dig alerts
- Performed weekly inspections of major facilities, safety meetings, rodent bait (all reservoirs), toe drain and piezometer reads at Ortega (L23)
- Performed dam inspection and instrumentation reports (all reservoirs)
- Performed equipment and yard maintenance
- Performed monthly North Portal elevator maintenance with Otis
- Performed monthly water quality sampling
- Read anodes and rectifier data

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

- The fish screens for the slide gates on the intake tower were cleaned and inspected. Inspection includes the condition of the sacrificial anodes, condition of the screens themselves, and to verify there is no signs of mussel/clam formations.
- The slide gates on the Intake Tower at Cachuma Lake were exercised and greased to ensure proper functionality.
- COMB replaced the PLC at the North Portal at Lake Cachuma with help from Aspect Engineering services.
- Far west corrosion conducted their annual cathodic protection survey at Lauro yard and the three line valves along the South Coast Conduit.
- The PLC at Carpinteria reservoir was replaced with the help of Aspect Engineering.
- COMB personnel replaced the insertion turbidity meter on the north portal 10 inch bypass line at Lake Cachuma.
- COMB personnel replaced the temperature/conductivity probe on the water quality buoy at Lake Cachuma.
- COMB personnel assisted Cal Portland with the removal of three COMB structure manhole lids on HWY 192 in Carpinteria in preparation for the Caltrans re-paving project.
- Operations personnel ran conduit and pulled analog wires at the north portal from the PLC to the backup generator. Also conduit and analog wires from the PLC to the automatic transfer switch for the backup generator were installed. COMB plans to get additional data to the SCADA system including “generator running”, and “generator fuel levels”. (see photos)
- Operations division assisted the electrical contractor with installing electrical runs in preparation for the new mobile offices installation. Operations staff dug an approximate 100 foot long trench for the conduit installation and backfilled the trench once the conduit was installed. Operations staff also installed a pull box along the conduit run for ease of pulling new wire. (see photos)
- Stewarts plumbing disconnected the water and sewer from the original mobile office in preparation for demo work and new mobile office installation.
- Staff disconnected the decking and roofing from the mobile trailers in preparation for the new mobile offices installation. COMB staff plans to rebuild the roof and reconnect the decking to the new mobile offices once they have been delivered.
- Staff assisted with moving desks/furniture and all E-waste items out of the original mobile offices. E-waste items include all light bulbs and ballasts from all light fixtures.

SCADA wiring to backup generator



New mobile trailer conduit installation



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CACHUMA OPERATION AND MAINTENANCE BOARD

BOARD MEMORANDUM

DATE: July 26, 2021
TO: Janet Gingras, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- USBR continues to deliver the required 2000 Biological Opinion target flows to Hilton Creek (minimum of 2 cfs) by gravity through the Hilton Creek Watering System (HCWS) and Hilton Creek Emergency Backup System (HCEBS) at approximately 2 cfs as of 7/20/21 to the Upper Release Point (URP) and Lower Release Point (LRP) which is sustaining the *O. mykiss* population in the creek.
- The 2000 BiOp and Order WR 2019-0148 target flows to the Hwy 154 Bridge (2.5 cfs) are being met by USBR for a Critically Dry water year (so far) through releases from Hilton Creek and the Outlet Works to the Lower Santa Ynez River (LSYR) mainstem.
- On 7/17/21, USBR began a slow process of opening up the LRP a small amount each day to get more flow to Hilton Creek that resulted in a small drop in flow at the URP and an increase in flow at the LRP for a net increase in flow to the creek. COMB Fisheries Division (FD) staff collaborated with the effort by monitoring Hilton Creek during the daily operation.

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

LSYR Steelhead Monitoring Elements:

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

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

Snorkel surveys: Snorkel surveys for *O. mykiss* and non-native fish are conducted two times a year (Spring and Fall). The Spring Snorkel Survey was started in May and has now been completed. The results are presented in the annual monitoring report. The Fall Snorkel Survey will start in September.

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 LSJR at the Hwy 154 Bridge. In an attempt to comply with Hilton Creek Target flows (minimum of 2 cfs), USBR is incrementally increasing the amount of flow releases at the LRP while slowly decreasing the amount of flow released at the URP, all on gravity flow. USBR is reluctant to run any level of pumps to deliver water to the creek given past operational issues and recent power outages at Bradbury Dam. There is still sufficient discharge at the URP to sustain the fishery from there to the LRP (the upper reach). COMB-FD staff has been carefully surveying the creek during USBR's operation to assure no stranding of fish. The upper reach will become more of a concern as lake levels drop during the rest of the dry season.

Documenting compliance in meeting target flows at the Hwy 154 Bridge (2.5 cfs) cannot be done at that specific location due to the channel configuration and landowner access limitations. USBR established a river discharge monitoring location approximately 1 mile downstream of the Hwy 154 Bridge (where access is available) where USBR has been taking a discharge measurement approximately once a month and the COMB-FD staff are taking a 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. This method of documenting discharge has proven to be challenging as there are 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.). In May and June, USBR was releasing above the target objective but in July, measured discharge was at or below that target objective. Reclamation is operating within acceptable discharge parameters given the challenging factors and access barriers.

Tributary Project Updates:

All planned projects have been successfully completed.

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

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

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

On 6/8/21, USBR activated the HCEBS on gravity flow to the URP. Now both the HCWS and HCEBS provide gravity flow to the URP. As the lake level drops, more water will be coming from the HCEBS until the HCWS loses syphon (anticipated around lake level at or below 719 ft) at which point the HCEBS will be the only system supplying water to Hilton Creek by gravity flow.

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 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, and 8/31/20 – 11/30/20. There were no WR 89-18 releases in 2019. The 2020 WR 89-18 release officially released 10,480 af over 92 days. 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		23,645	
Total:	9,184	38,343	-2,314
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 6/30/21.			
*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.			

Reporting / Outreach / Training:

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

Staff has started working on the WY2021 Annual Monitoring Report/Summary.

Outreach and Training: Outreach continues with Lower Santa Ynez River landowners (specifically in the Quiota Creek and Salsipuedes Creek watersheds), interested parties within the Santa Ynez Valley, and the County on a variety of fisheries related issues.

Consultant Activity Summary:

HDR Fisheries Design Center (Mike Garelo and Shaun Bevan) – no work was conducted during this past month.

Kenneth A. Knight Consulting (Ken Knight) – no work was conducted during this past month.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 26, 2021
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:

Maintenance

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since October, 2020 to the present (10/1/20 – 7/26/21, Table 1). Labor and expenses for the entire fiscal year (July 2020 - June 2021) as well as water usage will be tracked separately and reported as necessary as recommended by the Lake Cachuma Oak Tree Committee. COMB staff continues to rely on the Fisheries Division seasonal employees to conduct the majority of oak tree work in the field. The 2015 Lakeshore Inventory was completed and reviewed by the Lake Cachuma Oak Tree Committee on 2/25/16 which set the mitigation numbers for the Program. The 2019 Annual Report with the annual inventory and Fiscal Year 2019-20 financials was completed and reviewed by the Lake Cachuma Oak Tree Committee on 9/3/20 and the COMB Board on 10/26/20 that approved going forward with planting another 300 oak trees and replacing 100 dead oak trees during the wet season of this water year.

Annual Inventory and Report

Analyzing the data and developing the 2020 Annual Report is ongoing. The Annual Report will be completed after the end of this Fiscal Year and an Oak Tree Committee meeting will be scheduled shortly thereafter.

Table 1: Cachuma Oak Tree Program completed tasks since October, 2020.

	Oct 2020	Nov 2020	Dec 2020	Jan 2021 ¹	Feb 2021 ¹	March 2021 ¹	April 2021	May 2021	June 2021	July 2021
Year 12 Oaks (2020-2021)			New Trees Gopher Baskets Fert/Comp Deer Cages Mulch/Irrigated	New Trees Gopher Baskets Fert/Comp Deer Cages Mulch/Irrigated	QA/QC Tree Tags	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded
Year 11 Oaks (2019-2020)		Irrigated Weeded	Irrigated Weeded	Irrigated Weeded			Irrigated Weeded	Irrigated Weeded		Irrigated Weeded
Year 10 Oaks (2018-2019)	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded			Irrigated Weeded	Irrigated Weeded		
Year 9 Oaks (2016-2017)	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded					Irrigated Weeded		
Year 8 Oaks (2015-2016)		Irrigated Weeded						Irrigated Weeded	Irrigated	
Year 7 Oaks (2014-2015)										
Year 6 Oaks (2010-2011)										
Year 5 Oaks (2009-2010)										
Year 4 Oaks (2008-2009)	Deer Cages									
Year 3 Oaks (2007-2008)	Deer Cages									
Year 2 Oaks (2006-2007)										
Year 1 Oaks (2005-2006)										
¹ Oak tree inventory.										

The Fisheries Division just finalized another round of irrigation on the new Year 12 trees located at the Santa Barbara County Park (Park). These trees are most susceptible to the current in-season drought conditions due to their delicate, smaller root systems.

Watering and hand weeding the Year 11 trees at the Park is currently underway. Once that year class is complete crews will move on to the Year 10 trees sometime in August.

All of the Year 10-12 trees are located at the Park, which makes for easier water truck filling at multiple fill locations within the campground.

LIST OF EXHIBITS:

No Exhibits.

WATER YEAR 20-21 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JUNE 2021 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT		
WATER PRODUCTION:	MONTH	WYTD
Cachuma Lake (Tec. Diversion)	2,283.6	16,957.4
Tecolote Tunnel Infiltration	193.1	823.2
Cachuma Lake (County Park)	2.2	13.4
Subtotal - Water Production	2,478.9	17,794.1
WATER DELIVERIES:		
State Water Diversion	129.6	377.0
Cachuma Diversion	2,452.5	17,731.7
Storage gain/(loss) ⁽²⁾	(80.2)	(108.6)
Subtotal - Water Deliveries	2,501.9	18,000.1
Total Water Production	2,478.9	17,794.1
Total Water Deliveries	2,501.9	18,000.1
Difference = Apparent Water Loss	(23.0)	(206.1)
% Apparent Water Loss	-0.93%	-1.16%

SCC APPARENT WATER LOSS ALLOCATION (AWL) ⁽³⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
<u>CURRENT MONTH CHARGE / (ADJUSTMENT)</u>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total Current Month	0.0	0.0	0.0	0.0	0.0
<u>WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)</u>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total AWL Charged (WYTD)	0.0	0.0	0.0	0.0	0.0
Total AWL Not Charged (WYTD)					(206.1)
Total AWL Incurred (WYTD)					(206.1)

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
<u>CURRENT MONTH</u>						
Water Usage						
M&I	705.0	778.0	326.2	164.0	2.2	1,975.4
Agricultural	247.7	0.0	26.5	202.9	N/A	477.1
Subtotal Project Water Use	952.7	778.0	352.7	366.9	2.2	2,452.5
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	9.7	199.9	22.3	0.0	16.2	248.1
Total Project Water Charge	962.4	977.9	375.0	366.9	18.4	2,700.6
<u>WATER YEAR-TO-DATE</u>						
Water Usage						
M&I	5,974.4	4,621.6	2,184.5	1,390.7	13.4	14,184.6
Agricultural	1,841.6	0.0	170.8	1,534.7	N/A	3,547.1
Subtotal Project Water Use	7,816.0	4,621.6	2,355.3	2,925.4	13.4	17,731.7
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	233.5	1,125.8	172.2	50.5	80.7	1,662.7
Total Project Water Charge (*)	8,049.5	5,747.4	2,527.5	2,975.9	94.1	19,394.4

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

WATER YEAR 20-21 CACHUMA PROJECT ALLOCATION
CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JUNE 2021 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 - 10/1/2020	8,297.4	20,298.1	4,015.7	2,410.8	1,303.6	36,325.6
Transfers/Adjustment	0.0	0.0	0.0	0.0	0.0	0.0
(-) Project Water Charge (WYTD)	8,049.5	5,747.4	2,527.5	2,410.8	94.1	18,829.3
Balance Carryover Water	247.9	14,550.7	1,488.2	0.0	1,209.5	17,496.3
Current Year Allocation ⁽⁵⁾	9,322.0	8,277.0	2,651.0	2,813.0	2,651.0	25,714.0
(-) Balance of Project Water Charge (WYTD)	0.0	0.0	0.0	565.1	0.0	565.1
Net Allocation Available Before Adjustments	9,322.0	8,277.0	2,651.0	2,247.9	2,651.0	25,148.9
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 ⁽⁶⁾	159.0	106.0	106.0	70.0	(441.0)	0.0
Transfers/Adjustment - SB/La Cumbre	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Bishop Ranch ⁽⁷⁾	100.0	0.0	0.0	0.0	0.0	100.0
Transfers/Adjustment - Juncal Transfer	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/SB Overlap	0.0	0.0	0.0	0.0	0.0	0.0
Balance Current Year Allocation	9,581.0	8,383.0	2,757.0	2,317.9	2,210.0	25,248.9
Total Cachuma Project Water Available	9,828.9	22,933.7	4,245.2	2,317.9	3,419.5	42,745.2

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, 100% allocation to Member Agencies, effective 10/1/20.
- (6) Per SWP Exchange Agrmt GWD received 90 AF; City of SB received 60 AF; MWD received 60 AF and CVWD received 40 AF from ID#1 in June 2021.
- (7) Transfer per Contract for Exchange Water with Thomas B. Bishop Company and GWD (100 AF)
- (8) Memo only - State Water Deliveries to Lake Cachuma for June was 98 AF.

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **JUNE 2021**

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	541.8	Feet
Water in Storage	371.65	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	451.6	Feet
Water in Storage	34.76	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	378.3	Feet
Water in Storage	30.97	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	-76.01	AF
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CACHUMA RESERVOIR

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

Stage of Reservoir Elevation	720.14	Feet
Water in Storage	109,023	AF
Surface Area	2,078	Acres
Evaporation	1,142.9	AF
Inflow	168.4	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	265.0	AF
Outlet	265.0	AF
Spill/Seismic Release	0	AF
State Water Project Water	89.90	AF
Change in Storage	-3,787	AF
Tecolote Diversion	2,370.2	AF

Rainfall:	Month: 0.00	Season: 11.80	Percent of Normal: 60%
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(1) Glen Annie Reservoir is currently offline and excluded from Total Storage in Reservoirs amount.

(2) In 2014, flashboard installation raised Cachuma Reservoir max elevation to 753' (193,305 AF); surcharge water reserved for fish releases.

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

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **City of Santa Barbara**
 Update by COMB 6/30/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	20,298.1	8,277.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	20,298.1	8,277.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	-----	M & I	-----	Total
196.1	-	196.1	171.9	196.1	368.0	368.0	-	-	-	-
147.5	-	147.5	98.6	147.5	246.1	246.1	-	-	-	-
268.1	-	268.1	76.4	268.1	344.5	344.5	-	-	-	-
319.4	-	319.4	57.7	319.4	377.1	377.1	-	-	-	-
562.0	-	562.0	88.6	562.0	650.6	650.6	-	-	-	-
724.5	-	724.5	117.2	724.5	841.7	841.7	-	-	-	-
818.0	-	818.0	141.5	818.0	959.5	959.5	-	-	-	-
807.9	-	807.9	174.0	807.9	982.0	982.0	-	-	-	-
778.0	-	778.0	199.9	778.0	977.9	977.9	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
4,621.6	-	4,621.6	1,125.8	4,621.6	5,747.4	5,747.4	-	-	-	-

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

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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation M & I -----	Allocation M & I -----	Total	
Begin Bal	20,298.1	20,298.1	8,277.0	8,277.0	
ID#1 Exch (+17AF)	-	-	17.0	-	17.0
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
ID#1 Exch (+29AF)	-	-	29.0	-	29.0
ID#1 Exch (+60AF)	-	-	60.0	-	60.0
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation M & I -----	Allocation M & I -----	Total	
	19,930.1	19,930.1	8,294.0	8,294.0	
	19,684.0	19,684.0	8,294.0	8,294.0	
	19,339.5	19,339.5	8,294.0	8,294.0	
	18,962.4	18,962.4	8,294.0	8,294.0	
	18,311.8	18,311.8	8,294.0	8,294.0	
	17,470.1	17,470.1	8,294.0	8,294.0	
	16,510.5	16,510.5	8,294.0	8,294.0	
	15,528.5	15,528.5	8,323.0	8,323.0	
	14,550.7	14,550.7	8,383.0	8,383.0	
	-	-	-	-	
	-	-	-	-	
	-	-	-	-	

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 22,933.7

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

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Montecito Water District**
 Update by COMB 6/30/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	4,015.7	2,651.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	4,015.7	2,651.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
226.9	17.7	244.6	33.1	244.6	277.7	250.5	27.2	-
182.9	16.8	199.7	18.1	199.7	217.8	195.5	22.3	-
187.0	18.6	205.6	13.4	205.6	219.0	196.2	22.8	-
140.4	8.8	149.2	9.7	149.2	158.9	146.9	12.0	-
174.9	9.5	184.4	14.5	184.4	198.9	184.5	14.4	-
253.0	16.1	269.1	18.3	269.1	287.5	264.7	22.7	-
346.2	28.0	374.2	20.5	374.2	394.7	358.7	36.0	-
346.9	28.8	375.7	22.4	375.7	398.1	359.4	38.7	-
326.2	26.5	352.7	22.3	352.7	375.0	336.9	38.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2,184.5	170.8	2,355.3	172.2	2,355.3	2,527.5	2,293.2	234.3	-

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

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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	4,015.7	2,855.8	1,159.9	2,244.0	407.0	2,651.0
ID#1 Exch (+17AF)	-	-	-	9.2	7.8	17.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
ID#1 Exch (+29AF)	-	-	-	14.2	14.8	29.0
ID#1 Exch (+60AF)	-	-	-	30.0	30.0	60.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
	3,738.0	2,605.3	1,132.7	2,253.2	414.8	2,668.0
	3,520.2	2,409.8	1,110.4	2,253.2	414.8	2,668.0
	3,301.2	2,213.6	1,087.5	2,253.2	414.8	2,668.0
	3,142.3	2,066.8	1,075.5	2,253.2	414.8	2,668.0
	2,943.4	1,882.3	1,061.1	2,253.2	414.8	2,668.0
	2,655.9	1,617.6	1,038.3	2,253.2	414.8	2,668.0
	2,261.3	1,258.9	1,002.4	2,253.2	414.8	2,668.0
	1,863.2	899.5	963.7	2,267.4	429.6	2,697.0
	1,488.2	562.6	925.6	2,297.4	459.6	2,757.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 4,245.2

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

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**
 Update by COMB 6/30/2021

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	1,303.6	2,651.0	1.8	-	1.8	11.1	1.8	12.9	2.1	10.7	-	-	-
Nov	-	-	1.3	-	1.3	6.4	1.3	7.7	1.5	6.2	-	-	-
Dec	-	-	1.5	-	1.5	5.0	1.5	6.5	1.6	4.9	-	-	-
Jan	-	-	0.7	-	0.7	3.8	0.7	4.5	0.8	3.7	-	-	-
Feb	-	-	0.7	-	0.7	6.0	0.7	6.7	0.9	5.9	-	-	-
Mar	-	-	1.4	-	1.4	8.3	1.4	9.6	1.6	8.0	-	-	-
Apr	-	-	2.0	-	2.0	10.4	2.0	12.4	2.3	10.1	-	-	-
May	-	-	1.9	-	1.9	13.4	1.9	15.3	2.3	13.1	-	-	-
Jun	-	-	2.2	-	2.2	16.2	2.2	18.4	2.6	15.8	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1,303.6	2,651.0	13.4	-	13.4	80.7	13.4	94.1	15.7	78.4	-	-	-

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	
Begin Bal	1,303.6	43.0	1,260.6	935.0	1,716.0	2,651.0
ID#1 Exch (-70AF)	-	-	-	(38.0)	(32.0)	(70.0)
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	ID#1 Exch (-121AF)	-	-	(59.3)	(61.7)	(121.0)
Jun	ID#1 Exch (-250AF)	-	-	(125.0)	(125.0)	(250.0)
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	1.8	1,290.7	40.9	1,249.9	897.0	1,684.0	2,581.0					
Nov	1.3	1,283.1	39.4	1,243.7	897.0	1,684.0	2,581.0					
Dec	1.5	1,276.6	37.7	1,238.8	897.0	1,684.0	2,581.0					
Jan	0.7	1,272.1	37.0	1,235.1	897.0	1,684.0	2,581.0					
Feb	0.7	1,265.3	36.1	1,229.2	897.0	1,684.0	2,581.0					
Mar	1.4	1,255.7	34.5	1,221.2	897.0	1,684.0	2,581.0					
Apr	2.0	1,243.2	32.1	1,211.1	897.0	1,684.0	2,581.0					
May	1.9	1,227.9	29.9	1,198.0	837.7	1,622.3	2,460.0					
Jun	2.2	1,209.5	27.3	1,182.2	712.7	1,497.3	2,210.0					
Jul	-	-	-	-	-	-	-					
Aug	-	-	-	-	-	-	-					
Sep	-	-	-	-	-	-	-					

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,419.5

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

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Santa Barbara Co. Water Agency**
 Update by COMB 6/30/2021

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	36,325.6	25,714.0	0.0	1,324.9	499.0	1,823.9	301.4	1,823.9	2,125.3	1,576.8	548.5	-	-	-
Nov	-	-	0.0	1,160.2	438.6	1,598.9	165.8	1,598.9	1,764.7	1,299.8	464.9	-	-	-
Dec	-	-	0.0	1,272.1	421.2	1,693.3	123.4	1,693.3	1,816.7	1,376.7	440.1	-	-	-
Jan	-	-	0.0	1,182.9	245.7	1,428.6	89.9	1,428.6	1,518.5	1,259.5	259.0	-	-	-
Feb	-	-	0.0	1,415.6	206.6	1,622.3	134.1	1,622.3	1,756.4	1,529.9	226.5	-	-	-
Mar	-	-	0.0	1,707.1	294.6	2,001.7	172.0	2,001.7	2,173.7	1,853.6	320.1	-	-	-
Apr	-	-	0.0	2,056.6	473.8	2,530.5	198.3	2,530.5	2,728.8	2,226.0	502.7	-	-	-
May	-	-	0.0	2,089.8	490.4	2,580.2	229.6	2,382.1	2,611.7	2,192.8	418.9	94.3	103.9	198.1
Jun	-	-	0.0	1,975.4	477.1	2,452.5	248.1	2,085.6	2,333.6	2,025.4	308.2	164.0	202.9	366.9
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	36,325.6	25,714.0	0.3	14,184.6	3,547.1	17,731.7	1,662.7	17,166.7	18,829.3	15,340.5	3,488.8	258.3	306.8	565.1

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	(81.9)	81.9	-	-
Jun	329.1	(329.1)	-	-
Jul	-	-	-	-
Aug	-	-	-	-
Sep	-	-	-	-

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	36,325.6	30,233.9	6,091.7	19,588.0	6,126.0	25,714.0
Oct	-	-	-	7.8	(7.8)	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	100.0	-	100.0
May	-	-	-	14.8	(14.8)	-
Jun	-	-	-	30.0	(30.0)	-
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	1.8	34,200.3	28,657.1	5,543.2	19,595.8	6,118.2	25,714.0
Nov	1.3	32,435.7	27,357.3	5,078.3	19,595.8	6,118.2	25,714.0
Dec	1.5	30,618.9	25,980.6	4,638.3	19,595.8	6,118.2	25,714.0
Jan	0.7	29,100.4	24,721.2	4,379.2	19,595.8	6,118.2	25,714.0
Feb	0.7	27,344.0	23,191.3	4,152.8	19,595.8	6,118.2	25,714.0
Mar	1.4	25,170.4	21,337.7	3,832.7	19,595.8	6,118.2	25,714.0
Apr	2.0	22,441.6	19,111.7	3,329.9	19,695.8	6,118.2	25,814.0
May	1.9	19,829.9	16,836.9	2,993.0	19,616.3	5,999.6	25,615.9
Jun	2.2	17,496.3	15,140.5	2,355.7	19,482.3	5,766.7	25,248.9
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 42,745.2



**Santa Barbara County Parks Division,
Cachuma Lake Recreation Area
Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: **June 2021****



Cachuma Lake Recreation Area Launch Data - June 2021		
Vessel Data		
Total Vessels Entering Park	696	
Total Vessels Launched	682	
Total Vessels Quarantined	14	
Returning (Tagged) Boats Launched	514	75%
Kayak/Canoe Launched	168	25%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Vessel Inspection Data		
Total Vessels Inspected	182	
Boats Inspected	14	
Kayaks/Canoes Inspected	168	
Inspections Passed	182	
Inspections Failed	*	
Quarantine Data		
Total Vessels Quarantined	14	
Quarantined 14 days	*	
Quarantined 30 days	14	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	6	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	14	
Demographic Data		
Quarantined from infected county	6	
Quarantined from SB County	8	
Quarantined from uninfected co	0	
Quarantined from out of state	0	

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

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

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

Summary: No Dreissenid Mussels were detected, nor Aquatic Invasive Species of any kind.
 Inspection Site: Cachuma Lake, Santa Barbara County, California.
 Inspection Date and Time: 2021.06.30; 1 to 3 p.m. PDT.
 Method: 5 Sampling Stations; 30 meters/98.4 linear feet of line.
 Surveyors: COSB, Parks Division Staff (Naturalist Rosey Bishop and Naturalist Intern Nishan Mahdasian).
 Lake elevation: Max feet: 753.00, current 720.26.; Max acre-feet: 193,305, current: 109,273;
 Current capacity: 56.5%