

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

by Teleconference Call ONLY

**Teleconference Call-in Number: 1 (888) 899-7789
Passcode: 804443#**

Monday, June 22, 2020

1:00 PM

AGENDA

NOTICE: This Meeting shall be conducted by teleconference call only as authorized and in accordance with Government Code section 54953 and the California Governor's Executive Order N-29-20 and N-33-20.

1. CALL TO ORDER, ROLL CALL

2. PUBLIC COMMENT (*Public may address the Board on any subject matter not on the agenda and 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 May 18, 2020 Regular Board Meeting
- b. Investment of Funds
 - Financial Reports
 - Investment Reports
- c. Review of Paid Claims

4. VERBAL REPORTS FROM BOARD COMMITTEES

Receive verbal information regarding the following committee meetings:

- Operations Committee Meeting – June 17, 2020

5. FISCAL YEAR 2020-21 ELECTIONS AND APPOINTMENTS OF CACHUMA OPERATION AND MAINTENANCE BOARD

Action: Elections for President and Vice-President by nomination and roll call vote of the Board:

- a. Election of President
- b. Election of Vice-President

Action: Appointment by motion and roll call vote of the Board for each appointment:

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

6. **RESOLUTION NO. 708 - MOBILE OFFICE BUILDING REPLACEMENT - INFRASTRUCTURE IMPROVEMENT PLAN (IIP) PROJECT**
Action: Recommend approval by motion and roll call vote of the Board
7. **WATER QUALITY SAMPLING PROGRAM EXPENDITURES**
Action: Recommend approval by motion and roll call vote of the Board
8. **GENERAL MANAGER REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
 - Administration
 - Virtual Meetings
 - Engineering / Operations Division Activities
9. **ENGINEER / OPERATIONS DIVISION REPORT**
Receive information from the Water Resources Engineer, including but not limited to the following:
 - Climate Conditions
 - AWIA Emergency Response Plan
 - Water Quality and Sediment Management Study
 - Infrastructure Improvement Projects / Work Plan
 - Lake Cachuma Operations
 - Operation and Maintenance Activities
10. **FISHERIES DIVISION REPORT**
Receive information regarding Fisheries Division, including but not limited to the following:
 - LSYSR Steelhead Monitoring Elements
 - Tributary Project Updates
 - Surcharge Water Accounting
 - Reporting/Outreach/Training
11. **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
12. **MONTHLY CACHUMA PROJECT REPORTS**
Receive information regarding the Cachuma Project, including but not limited to the following:
 - a. Cachuma Water Reports – April and May 2020
 - b. Cachuma Reservoir Current Conditions
 - c. Lake Cachuma Quagga Survey
13. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**
14. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING AND POTENTIAL LITIGATION**
 - a. [Government Code Section 54956.9(d)(1)]
Name of matter: *Cachuma Operation & Maintenance Board v. Santa Ynez River Water Conservation District, Improvement District Number 1*, Case No. 19CV01873 – Breach of Contract and Declaratory Relief

15. RECONVENE INTO OPEN SESSION

[Government Code Section 54957.7]

Disclosure of actions taken in closed session, as applicable

[Government Code Section 54957.1]

14a. *Cachuma Operation & Maintenance Board v. Santa Ynez River Water Conservation District, Improvement District Number 1*, Case No. 19CV01873 – Breach of Contract and Declaratory Relief

16. MEETING SCHEDULE

- **July 27, 2020 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

17. 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 that is not scheduled for as an agenda item before the Board. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

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

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

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

by Teleconference Call ONLY

**Monday, May 18, 2020
1:00 PM**

1. CALL TO ORDER, ROLL CALL

The meeting was called to order by President Holcombe at 1:00 PM.

All attendees participated telephonically pursuant to California Governor Gavin Newsom's Executive Orders N-25-20 and N-29-20.

Directors Present:

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

General Counsel Present:

William Carter, Musick, Peeler & Garrett, LLP

Staff Present:

Janet Gingras, General Manager	Timothy Robinson, Fisheries Division Manager
Edward Lyons, Administrative Manager/CFO	Dorothy Turner, Administrative Assistant II
Joel Degner, Water Resources Engineer	

Others Present:

Fray Crease, Santa Barbara County Water Agency	Cathy Taylor, City of Santa Barbara
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2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

- a. Minutes of April 27, 2020 Regular Board Meeting
- b. Investment of Funds
 - Financial Reports
 - Investment Reports
- c. Review of Paid Claims

Ms. Gingras presented the Consent Agenda items for review and approval, highlighting revenues received and various expenditures of note. The motion to approve the Consent Agenda items was put

forward by Director Sneddon and seconded by Director Hayman. The motion carried unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

4. VERBAL REPORTS FROM BOARD COMMITTEES

- Operations Committee Meeting – May 13, 2020

Director Sneddon briefly recapped the agenda items from the committee meeting, noting that the members had forwarded them for discussion and possible approval at this meeting.

5. FISCAL YEAR 2019-20 OPERATIONS DIVISION PROPOSED BUDGET TRANSFER FOR SOUTH COAST CONDUIT PROJECT EXPENDITURES

Mr. Degner provided explanation for the proposed budget transfers for upcoming South Coast Conduit expenditures, noting four projects to be impacted. He fielded questions from the Board. Director Hanson brought a motion to approve the budget transfers. Seconded by Director Sneddon, the motion passed unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

6. RESOLUTION NO. 707 – COMB FISCAL YEAR 2020-21 ANNUAL OPERATING BUDGET

Mr. Lyons presented the Fiscal Year (FY) 2020-21 Annual Operating Budget for approval and adoption. He summarized the net changes between the FY 2020-21 and 2019-20 budgets and provided the Board with two options for the billing and collection of quarterly assessments. Director Hanson made a motion to adopt the FY 2020-21 Budget through resolution and to direct COMB to assess member agencies by applying the second option, based upon projected cash outflows and project implementation. Director Sneddon seconded the motion which carried unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

7. GENERAL MANAGER REPORT

- Administration
- Virtual Meetings
- Personnel
- Engineering/Operations Division

Ms. Gingras presented the General Manager report, highlighting the upcoming CAFR and single audits to be performed by Bartlett, Pringle & Wolf, LLP and the recent virtual tabletop exercise hosted by the City of Santa Barbara, simulating a seismic event and its potential effects on Gibraltar Dam.

Additionally, she reported that staff is preparing a presentation for the upcoming ESRI conference to be held virtually and noted the list of work under way in Engineering and Operations.

8. ENGINEER / OPERATIONS DIVISION REPORT

- Climate Conditions
- Water Quality and Sediment Management Study
- Infrastructure Improvement Projects / Work Plan
- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. Degner presented the Engineering report, highlighting climate conditions and supplemental sampling of tributary water, noting data derived therefrom will be provided to member agency technical staff via a web portal. A technical staff meeting is planned for June 2020 to review Woodard & Curran's evaluation of potential solutions to water quality issues identified in the earlier study. Mr. Degner reported that member agency technical staff had been asked to review and comment on a draft description and design from Makai Ocean Engineering for the secured pipeline project. Finally, Mr. Degner reported that the Operations Division is finalizing the FY 2020-21 work plan.

Mr. Degner provided the Board with an update on Operations Division regular activities being accomplished with observance of social distancing. In addition, he reported that staff had accomplished various structure maintenance tasks, weed abatement both for Operations and Fisheries and the completion of the PLC 7 upgrade. Finally, Mr. Degner advised that staff had arranged for necessary vehicle maintenance, including an overhaul of the ASV Pozi-track tractor.

9. FISHERIES DIVISION REPORT

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

Mr. Robinson presented the division report, noting sustained flows to Hilton Creek and monitoring status of migrating fish, as per the 2000 Biological Opinion. He highlighted the pulse supplemental water release by Reclamation. Mr. Robinson advised that Quiota Creek Crossing 8 has been accepted by the County and can be added to the existing MOU, representing the final step in placing the bridge under County jurisdiction. Finally, Mr. Robinson summarized various Fisheries Division outreach activities.

10. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

- Maintenance and Monitoring

Mr. Robinson provided a status report on the Oak Tree program, noting that trees are flourishing due to rainfall. Further he reported that staff had attended a tree care workshop delivered by the consulting arborist.

11. MONTHLY CACHUMA PROJECT REPORTS

- a. Cachuma Water Reports – (Will be presented in June)
- b. Cachuma Reservoir Current Conditions
- c. Lake Cachuma Quagga Survey

Ms. Gingras presented the reports as contained in the Board Packet, advising that the April water reports were unavailable but will be presented in the June meeting.

12. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

There were no agenda item requests from Directors.

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

- a. [Government Code Section 54956.9(d)(1)]
Name of matter: *Cachuma Operation & Maintenance Board v. Santa Ynez River Water Conservation District, Improvement District Number 1*, Case No. 19CV01873 – Breach of Contract and Declaratory Relief

The Board entered into Closed Session at 2:15 PM.

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. *Cachuma Operation & Maintenance Board v. Santa Ynez River Water Conservation District, Improvement District Number 1*, Case No. 19CV01873 – Breach of Contract and Declaratory Relief

The Board reconvened into open session at 3:14 PM. There was no reportable action.

15. MEETING SCHEDULE

- **June 22, 2020 at 1:00 PM**
- **Board Packages available on COMB website www.cachuma-board.org**

16. COMB ADJOURNMENT

There being no further business, the meeting was adjourned at 3:15 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 May 31, 2020
UNAUDITED FINANCIALS

	May 31, 20
ASSETS	
Current Assets	
Checking/Savings	
Trust Funds	
1210 · Warren Act Trust Fund	\$ 251,576.19
1220 · Renewal Fund	10,215.61
Total Trust Funds	\$ 261,791.80
1050 · General Fund	105,487.56
1100 · Revolving Fund	208,546.69
Total Checking/Savings	575,826.05
Accounts Receivable	
1301 · Accounts Receivable	126,571.45
Total Accounts Receivable	126,571.45
Other Current Assets	
1010 · Petty Cash	500.00
1200 · LAIF	1,885,505.75
1303 · Bradbury SOD Act Assessments Receivable	201,351.00
1304 · Lauro Dam SOD Assessment Receivable	31,080.14
1400 · Prepaid Insurance	14,764.72
Total Other Current Assets	2,133,201.61
Total Current Assets	2,835,599.11
Fixed Assets	
1500 · Vehicles	475,733.27
1505 · Office Furniture & Equipment	355,185.56
1510 · Mobile Offices	97,803.34
1515 · Field Equipment	537,803.92
1525 · Paving	38,351.00
1550 · Accumulated Depreciation	(1,341,093.60)
Total Fixed Assets	163,783.49
Other Assets	
1923 · Deferred Outflow (GASB 75)	214,063.00
1910 · Long Term Bradbury SOD Act Assessment Receivable	4,478,803.07
1920 · Long Term Lauro SOD Act Assessment Receivable	804,089.14
1922 · Deferred Outflow of Resources (GASB 68)	497,820.00
Total Other Assets	5,994,775.21
TOTAL ASSETS	\$ 8,994,157.81

Cachuma Operation & Maintenance Board
Statement of Net Position
As of May 31, 2020
UNAUDITED FINANCIALS

	May 31, 20
LIABILITIES & NET POSITION	
Liabilities	
Current Liabilities	
Accounts Payable	
2200 · Accounts Payable	\$ 27,240.45
Total Accounts Payable	27,240.45
Other Current Liabilities	
2550 · Vacation/Sick	182,133.24
2561 · Bradbury Dam SOD Act	201,351.00
2563 · Lauro Dam SOD Act	31,080.14
2565 · Accrued Interest SOD Act	57,465.00
2567 · Loan Payable Current EPFP	434,126.11
2590 · Deferred Revenue	261,791.80
Total Other Current Liabilities	1,167,947.29
Total Current Liabilities	1,195,187.74
Long Term Liabilities	
2602 · Long Term SOD Act Liability-Bradbury	4,478,793.07
2603 · Long Term SOD Act Liability - Lauro	804,089.14
2604 · OPEB LT Liability	5,384,212.00
2605 · Loan Payable Principal - EPFP	90,238.61
2610 · Net Pension Liability (GASB 68)	1,732,868.00
2611 · Deferred Inflow of Resources (GASB 68)	141,294.00
Total Long Term Liabilities	12,631,494.82
Total Liabilities	13,826,682.56
Net Position	
3000 · Opening Balance Net Position	(5,296,580.05)
3901 · Retained Net Assets	(880,829.03)
Net Income	1,344,884.33
Total Net Position	(4,832,524.75)
TOTAL LIABILITIES & NET POSITION	\$ 8,994,157.81

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals July 2019 - June 2020

	Fisheries				Operations				TOTAL			
	Jul '19 - May 20	Budget	\$ Over / (Under) Budget	% of Budget	Jul '19 - May 20	Budget	\$ Over / (Under) Budget	% of Budget	Jul '19 - May 20	Budget	\$ Over / (Under) Budget	% of Budget
Revenue												
3000 REVENUE												
3001 - O&M Budget (Qtrly Assessments)	\$ 936,636.00	\$ 936,631.00	\$ 5.00	100.0%	\$ 3,687,368.00	\$ 3,687,371.00	\$ (3.00)	100.0%	\$ 4,624,004.00	\$ 4,624,002.00	\$ 2.00	100.0%
3006 - Warren Act	448,856.53	591,523.00	-142,666.47	75.88%	0.00				448,856.53	591,523.00	-142,666.47	75.88%
3009 - EPFP Loan (Qtrly Assessments)	0.00				347,587.63				347,587.63	0.00	347,587.63	100.0%
3010 - Interest Income	0.00				18,255.72				18,255.72	0.00	18,255.72	100.0%
3020 - Misc Income	0.00				777.37				777.37	0.00	777.37	100.0%
3021 - Grant Income	0.00				448.00				448.00	0.00	448.00	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				381,270.00	450,752.00	-69,482.00	84.59%	381,270.00	450,752.00	-69,482.00	84.59%
3043 - Grant-QC Crossing #8	1,010,700.00	1,010,700.00	0.00	100.0%	0.00				1,010,700.00	1,010,700.00	0.00	100.0%
3090 - Proceeds - Disp of Fixed Asset	0.00				500.00				500.00	0.00	500.00	100.0%
Total 3000 REVENUE	2,486,192.53	2,628,854.00	-142,661.47	94.57%	4,436,206.72	4,138,123.00	298,083.72	107.2%	6,922,399.25	6,766,977.00	155,422.25	102.3%
Total Revenue	\$ 2,486,192.53	\$ 2,628,854.00	\$ (142,661.47)	94.57%	\$ 4,436,206.72	\$ 4,138,123.00	\$ 298,083.72	107.2%	\$ 6,922,399.25	\$ 6,766,977.00	\$ 155,422.25	102.3%
Expense												
3100 - LABOR - OPERATIONS												
3100 - LABOR - OPERATIONS	\$ -	\$ -	\$ -		\$ 861,253.31	\$ 952,164.00	\$ (90,910.69)	90.45%	\$ 861,253.31	\$ 952,164.00	\$ (90,910.69)	90.45%
3200 VEH & EQUIPMENT												
3201 - Vehicle/Equip Mtce	0.00				48,608.59	30,000.00	18,608.59	162.03%	48,608.59	30,000.00	18,608.59	162.03%
3202 - Fixed Capital	0.00				20,504.31	15,000.00	5,504.31	136.7%	20,504.31	15,000.00	5,504.31	136.7%
3203 - Equipment Rental	0.00				520.36	5,000.00	-4,479.64	10.41%	520.36	5,000.00	-4,479.64	10.41%
3204 - Miscellaneous	0.00				2,526.31	5,000.00	-2,473.69	50.53%	2,526.31	5,000.00	-2,473.69	50.53%
Total 3200 VEH & EQUIPMENT	0.00				72,159.57	55,000.00	17,159.57	131.2%	72,159.57	55,000.00	17,159.57	131.2%
3300 - CONTRACT LABOR												
3301 - Conduit, Meter, Valve & Misc	0.00				12,062.40	20,000.00	-7,937.60	60.31%	12,062.40	20,000.00	-7,937.60	60.31%
3302 - Buildings & Roads	0.00				5,969.92	20,000.00	-14,030.08	29.85%	5,969.92	20,000.00	-14,030.08	29.85%
3303 - Reservoirs	0.00				13,339.06	30,000.00	-16,660.94	44.46%	13,339.06	30,000.00	-16,660.94	44.46%
3304 - Engineering, Misc Services	0.00				10,763.68	25,000.00	-14,236.32	43.06%	10,763.68	25,000.00	-14,236.32	43.06%
Total 3300 - CONTRACT LABOR	0.00				42,135.06	95,000.00	-52,864.94	44.35%	42,135.06	95,000.00	-52,864.94	44.35%
3400 - MATERIALS & SUPPLIES												
3401 - Conduit, Meter, Valve & Misc	0.00				69,097.63	65,000.00	4,097.63	106.3%	69,097.63	65,000.00	4,097.63	106.3%
3402 - Buildings & Roads	0.00				1,630.35	8,000.00	-6,369.65	20.38%	1,630.35	8,000.00	-6,369.65	20.38%
3403 - Reservoirs	0.00				4,214.45	5,000.00	-785.55	84.29%	4,214.45	5,000.00	-785.55	84.29%
Total 3400 - MATERIALS & SUPPLIES	0.00				74,942.43	78,000.00	-3,057.57	96.08%	74,942.43	78,000.00	-3,057.57	96.08%
3500 - OTHER EXPENSES												
3501 - Utilities	0.00				5,570.33	7,000.00	-1,429.67	79.58%	5,570.33	7,000.00	-1,429.67	79.58%
3502 - Uniforms	0.00				2,235.15	5,000.00	-2,764.85	44.7%	2,235.15	5,000.00	-2,764.85	44.7%
3503 - Communications	0.00				12,733.59	20,500.00	-7,766.41	62.12%	12,733.59	20,500.00	-7,766.41	62.12%
3504 - USA & Other Services	0.00				2,879.65	4,000.00	-1,120.35	71.99%	2,879.65	4,000.00	-1,120.35	71.99%
3505 - Miscellaneous	0.00				9,397.89	8,000.00	1,397.89	117.47%	9,397.89	8,000.00	1,397.89	117.47%
3506 - Training	0.00				538.53	3,000.00	-2,461.47	17.95%	538.53	3,000.00	-2,461.47	17.95%
Total 3500 - OTHER EXPENSES	0.00				33,355.14	47,500.00	-14,144.86	70.22%	33,355.14	47,500.00	-14,144.86	70.22%
4100 - LABOR - FISHERIES	648,400.47	704,515.00	-56,114.53	92.04%	0.00				648,400.47	704,515.00	-56,114.53	92.04%
4200 - VEHICLES & EQUIP - FISHERIES												
4270 - Vehicle/Equip Mtce	37,600.83	20,000.00	17,600.83	188.0%	0.00				37,600.83	20,000.00	17,600.83	188.0%
4280 - Fixed Capital	28,941.74	35,000.00	-6,058.26	82.69%	0.00				28,941.74	35,000.00	-6,058.26	82.69%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals July 2019 - June 2020

	Fisheries				Operations				TOTAL			
	Jul '19 - May 20	Budget	\$ Over / (Under) Budget	% of Budget	Jul '19 - May 20	Budget	\$ Over / (Under) Budget	% of Budget	Jul '19 - May 20	Budget	\$ Over / (Under) Budget	% of Budget
4290 · Miscellaneous	132.84	2,500.00	-2,367.16	5.31%	0.00				132.84	2,500.00	-2,367.16	5.31%
Total 4200 · VEHICLES & EQUIP - FISHERIES	66,675.41	57,500.00	9,175.41	115.96%	0.00				66,675.41	57,500.00	9,175.41	115.96%
4220 · CONTRACT LABOR - FISHERIES												
4221 · Meters & Valves	0.00	3,000.00	-3,000.00	0.0%	0.00				0.00	3,000.00	-3,000.00	0.0%
4222 · Fish Projects Maintenance	9,746.11	25,000.00	-15,253.89	38.98%	0.00				9,746.11	25,000.00	-15,253.89	38.98%
Total 4220 · CONTRACT LABOR - FISHERIES	9,746.11	28,000.00	-18,253.89	34.81%	0.00				9,746.11	28,000.00	-18,253.89	34.81%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	10,613.85	7,000.00	3,613.85	151.63%	0.00				10,613.85	7,000.00	3,613.85	151.63%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	10,613.85	7,000.00	3,613.85	151.63%	0.00				10,613.85	7,000.00	3,613.85	151.63%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	2,367.87	3,500.00	-1,132.13	67.65%	0.00				2,367.87	3,500.00	-1,132.13	67.65%
Total 4500 · OTHER EXPENSES - FISHERIES	2,367.87	3,500.00	-1,132.13	67.65%	0.00				2,367.87	3,500.00	-1,132.13	67.65%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				8,486.40	12,500.00	-4,013.60	67.89%	8,486.40	12,500.00	-4,013.60	67.89%
5001 · Director Mileage	0.00				463.21	500.00	-36.79	92.64%	463.21	500.00	-36.79	92.64%
5100 · Legal	0.00				22,611.08	75,000.00	-52,388.92	30.15%	22,611.08	75,000.00	-52,388.92	30.15%
5101 · Audit	0.00				14,563.25	22,750.00	-8,186.75	64.01%	14,563.25	22,750.00	-8,186.75	64.01%
5150 · Unemployment Tax	0.00				4,949.89	5,000.00	-50.11	99.0%	4,949.89	5,000.00	-50.11	99.0%
5200 · Liability Insurance	0.00				3,178.88	50,551.00	-47,372.12	6.29%	3,178.88	50,551.00	-47,372.12	6.29%
5310 · Postage/Office Exp	0.00				7,313.19	5,000.00	2,313.19	146.26%	7,313.19	5,000.00	2,313.19	146.26%
5311 · Office Equip/Leases	0.00				7,432.12	9,200.00	-1,767.88	80.78%	7,432.12	9,200.00	-1,767.88	80.78%
5312 · Misc Admin Expenses	0.00				11,199.80	14,000.00	-2,800.20	80.0%	11,199.80	14,000.00	-2,800.20	80.0%
5313 · Communications	0.00				6,766.27	8,500.00	-1,733.73	79.6%	6,766.27	8,500.00	-1,733.73	79.6%
5314 · Utilities	0.00				6,527.56	9,737.00	-3,209.44	67.04%	6,527.56	9,737.00	-3,209.44	67.04%
5315 · Membership Dues	0.00				9,956.72	9,410.00	546.72	105.81%	9,956.72	9,410.00	546.72	105.81%
5316 · Admin Fixed Assets	0.00				1,127.52	3,000.00	-1,872.48	37.58%	1,127.52	3,000.00	-1,872.48	37.58%
5318 · Computer Consultant	0.00				20,230.94	16,500.00	3,730.94	122.61%	20,230.94	16,500.00	3,730.94	122.61%
5325 · Emp Training/Subscriptions	0.00				1,935.30	2,000.00	-64.70	96.77%	1,935.30	2,000.00	-64.70	96.77%
5330 · Admin Travel/Conferences	0.00				1,042.95	2,000.00	-957.05	52.15%	1,042.95	2,000.00	-957.05	52.15%
5331 · Public Information	0.00				1,644.49	3,500.00	-1,855.51	46.99%	1,644.49	3,500.00	-1,855.51	46.99%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				129,429.57	249,148.00	-119,718.43	51.95%	129,429.57	249,148.00	-119,718.43	51.95%
5299 · ADMIN LABOR	0.00				485,168.49	610,984.00	-125,815.51	79.41%	485,168.49	610,984.00	-125,815.51	79.41%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	26,190.10	100,000.00	-73,809.90	26.19%	0.00				26,190.10	100,000.00	-73,809.90	26.19%
5410 · Postage / Office Supplies	3,207.86	4,000.00	-792.14	80.2%	0.00				3,207.86	4,000.00	-792.14	80.2%
5411 · Office Equipment / Leases	3,970.87	6,518.00	-2,547.13	60.92%	0.00				3,970.87	6,518.00	-2,547.13	60.92%
5412 · Misc. Admin Expense	3,988.93	7,500.00	-3,511.07	53.19%	0.00				3,988.93	7,500.00	-3,511.07	53.19%
5413 · Communications	3,743.77	5,805.00	-2,061.23	64.49%	0.00				3,743.77	5,805.00	-2,061.23	64.49%
5414 · Utilities	3,513.31	5,243.00	-1,729.69	67.01%	0.00				3,513.31	5,243.00	-1,729.69	67.01%
5415 · Membership Dues	6,226.69	5,955.00	271.69	104.56%	0.00				6,226.69	5,955.00	271.69	104.56%
5416 · Admin Fixed Assets	245.67	3,000.00	-2,754.33	8.19%	0.00				245.67	3,000.00	-2,754.33	8.19%
5418 · Computer Consultant	10,893.56	9,000.00	1,893.56	121.04%	0.00				10,893.56	9,000.00	1,893.56	121.04%
5425 · Employee Education/Subscription	860.70	2,500.00	-1,639.30	34.43%	0.00				860.70	2,500.00	-1,639.30	34.43%
5426 · Director Fees	4,569.60	6,700.00	-2,130.40	68.2%	0.00				4,569.60	6,700.00	-2,130.40	68.2%
5427 · Director Mileage	249.40	300.00	-50.60	83.13%	0.00				249.40	300.00	-50.60	83.13%
5430 · Travel	1,074.77	2,500.00	-1,425.23	42.99%	0.00				1,074.77	2,500.00	-1,425.23	42.99%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals July 2019 - June 2020

	Fisheries				Operations				TOTAL			
	Jul '19 - May 20	Budget	\$ Over / (Under) Budget	% of Budget	Jul '19 - May 20	Budget	\$ Over / (Under) Budget	% of Budget	Jul '19 - May 20	Budget	\$ Over / (Under) Budget	% of Budget
5431 - Public Information	805.50	1,500.00	-694.50	53.7%	0.00				805.50	1,500.00	-694.50	53.7%
5441 - Audit	17,841.75	12,250.00	5,591.75	145.65%	0.00				17,841.75	12,250.00	5,591.75	145.65%
5443 - Liab & Property Ins	1,711.70	24,745.00	-23,033.30	6.92%	0.00				1,711.70	24,745.00	-23,033.30	6.92%
Total 5400 - GENERAL & ADMIN - FISHERIES	89,094.18	197,516.00	-108,421.82	45.11%	0.00				89,094.18	197,516.00	-108,421.82	45.11%
5499 - ADMIN LABOR-FISHERIES	179,044.73	240,823.00	-61,778.27	74.35%	0.00				179,044.73	240,823.00	-61,778.27	74.35%
5510 - Integrated Reg. Water Mgt Plan	0.00				4,821.72	5,000.00	-178.28	96.43%	4,821.72	5,000.00	-178.28	96.43%
6000 - SPECIAL PROJECTS												
6062 - SCADA	0.00				30,357.24	60,000.00	-29,642.76	50.6%	30,357.24	60,000.00	-29,642.76	50.6%
6090 - COMB Office Building	0.00				6,616.40	25,000.00	-18,383.60	26.47%	6,616.40	25,000.00	-18,383.60	26.47%
6096 - SCC Structure Rehabilitation	0.00				391,029.94	448,000.00	-56,970.06	87.28%	391,029.94	448,000.00	-56,970.06	87.28%
6097 - GIS and Mapping	0.00				5,575.00	10,000.00	-4,425.00	55.75%	5,575.00	10,000.00	-4,425.00	55.75%
6105 - ROW Management Program	0.00				10,500.00	20,000.00	-9,500.00	52.5%	10,500.00	20,000.00	-9,500.00	52.5%
6120 - Emergency Pumping Fac Project	0.00				39,075.00	225,000.00	-185,925.00	17.37%	39,075.00	225,000.00	-185,925.00	17.37%
6132 - Sycamore Canyon Slope Stabiliz	0.00				574,490.21	605,242.00	-30,751.79	94.92%	574,490.21	605,242.00	-30,751.79	94.92%
6135 - SCC San Jose Creek Pipe Stabili	0.00				183,222.99	150,000.00	33,222.99	122.15%	183,222.99	150,000.00	33,222.99	122.15%
6136 - SCC Isolation Valve Evaluation	0.00				25,755.71	47,000.00	-21,244.29	54.8%	25,755.71	47,000.00	-21,244.29	54.8%
6137 - SCC Lower Reach Lateral Structu	0.00				13,571.00	130,000.00	-116,429.00	10.44%	13,571.00	130,000.00	-116,429.00	10.44%
6138 - Cachuma Watershed Mgmt Study	0.00				248,184.53	325,085.00	-76,900.47	76.35%	248,184.53	325,085.00	-76,900.47	76.35%
Total 6000 - SPECIAL PROJECTS	0.00				1,528,378.02	2,045,327.00	-516,948.98	74.73%	1,528,378.02	2,045,327.00	-516,948.98	74.73%
6200 - FISHERIES ACTIVITIES												
6201 - FMP Implementation	10,862.51	33,000.00	-22,137.49	32.92%	0.00				10,862.51	33,000.00	-22,137.49	32.92%
6202 - GIS and Mapping	3,730.00	10,000.00	-6,270.00	37.3%	0.00				3,730.00	10,000.00	-6,270.00	37.3%
6203 - Grants Technical Support	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
6204 - SYR Hydrology Technical Support	0.00	6,000.00	-6,000.00	0.0%	0.00				0.00	6,000.00	-6,000.00	0.0%
6205 - USGS Stream Gauge Program	80,149.15	100,000.00	-19,850.85	80.15%	0.00				80,149.15	100,000.00	-19,850.85	80.15%
6206 - Tri County Fish Team Funding	0.00	5,000.00	-5,000.00	0.0%	0.00				0.00	5,000.00	-5,000.00	0.0%
6207 - Oak Tree Restoration Program	18,398.31	30,000.00	-11,601.69	61.33%	0.00				18,398.31	30,000.00	-11,601.69	61.33%
Total 6200 - FISHERIES ACTIVITIES	113,139.97	194,000.00	-80,860.03	58.32%	0.00				113,139.97	194,000.00	-80,860.03	58.32%
6300 - HABITAT ENHANCEMENT												
6303 - Tributary Projects Support	1,179.38	20,000.00	-18,820.62	5.9%	0.00				1,179.38	20,000.00	-18,820.62	5.9%
6315 - Quiota Creek Crossing 8												
6315-1 - QC-8 Erosion Control & Reforest	520.00				0.00				520.00	0.00	520.00	100.0%
6315 - Quiota Creek Crossing 8 - Other	1,199,150.57	1,176,000.00	23,150.57	101.97%	0.00				1,199,150.57	1,176,000.00	23,150.57	101.97%
Total 6315 - Quiota Creek Crossing 8	1,199,670.57	1,176,000.00	23,670.57	102.01%	0.00				1,199,670.57	1,176,000.00	23,670.57	102.01%
Total 6300 - HABITAT ENHANCEMENT	1,200,849.95	1,196,000.00	4,849.95	100.41%	0.00				1,200,849.95	1,196,000.00	4,849.95	100.41%
7007 - INTEREST EXPENSE-EPFP	0.00				25,939.07				25,939.07	0.00	25,939.07	100.0%
Total Expense	\$ 2,319,932.54	\$ 2,628,854.00	\$ (308,921.46)	88.25%	\$ 3,257,582.38	\$ 4,138,123.00	\$ (880,540.62)	78.72%	\$ 5,577,514.92	\$ 6,766,977.00	\$ (1,189,462.08)	82.42%
Net Surplus / Deficit	\$ 166,259.99	\$ -	\$ 166,259.99	100.0%	\$ 1,178,624.34	\$ -	\$ 1,178,624.34	100.0%	\$ 1,344,884.33	\$ -	\$ 1,344,884.33	100.0%

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 22, 2020
Submitted by:	Janet Gingras

SUBJECT: Investment Report – May 31, 2020

RECOMMENDATION

The Board of Directors receive and file the Cachuma Operation and Maintenance Board Investment Report as of May 31, 2020.

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 monthly effective yield rate, as of May 2020, is reported at 1.363%.

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

TABLE 1			
Unrestricted Reserve Funds		Date	Principal
Local Agency Investment Fund (LAIF)			
Previous Balance		04/30/2020	\$ 1,885,505.75
(+) Deposits/Credits			-
(-) Checks/Withdrawals			-
Statement Balance		05/31/2020	\$ 1,885,505.75

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		Date	Principal
American Riviera Bank Renewal Account			
	Previous Balance	04/30/2020	\$ 10,215.61
	(+) Deposits/Credits		-
	(-) Checks/Withdrawals		-
	Statement Balance	05/31/2020	\$ 10,215.61
American Riviera Bank Warren Act Trust Fund			
	Previous Balance	04/30/2020	\$ 251,576.19
	(+) Deposits/Credits		-
	(-) Checks/Withdrawals		-
	Statement Balance	05/31/2020	\$ 251,576.19

STATEMENT

The above statement of investment activity for the month of May, 2020, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank and LAIF investments of this agency for the period indicated.



 Secretary

Cachuma Operation & Maintenance Board

Paid Claims

As of May 31, 2020

Date	Num	Name	Memo	Amount
1050 - General Fund				
05/07/2020	27651	American Riviera Bank - Card Service	Supplies (Ops & Fisheries)	-1,746.82
05/07/2020	27652	Aspect Engineering Group	SCADA Upgrade - Lauro Reservoir PLC	-393.85
05/07/2020	27653	Association of Ca Water Agencies/JPIA	June Health Benefits Premium	-32,270.44
05/07/2020	27654	AT&T	Long Distance 3/28/20-4/27/20	-34.29
05/07/2020	27655	Business Card	Website Hosting	-300.00
05/07/2020	27656	Carpinteria Valley Lumber Company	Supplies (Ops)	-45.27
05/07/2020	27657	City of Santa-Barbara	Trash / Recycling April 2020	-285.46
05/07/2020	27658	Cori Hayman	Director Meeting Fees April 2020	-150.00
05/07/2020	27659	Cox Communications Santa Barbara	Business Internet May 2020	-140.00
05/07/2020	27660	Culligan of Sylmar	RO Rental April 2020	-64.90
05/07/2020	27661	Cushman Contracting Corp.	EPFP Pumping System - Pay Req #72	-3,500.00
05/07/2020	27662	ECHO Communications	Message Service May 2020	-75.60
05/07/2020	27663	Esys The Energy Control Company	Lauro Reservoir Solenoid Replacement - Labor	-320.00
05/07/2020	27664	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality - Sampling	-2,120.00
05/07/2020	27665	Flowers & Associates, Inc.	South Coast Conduit Lower Reach Lateral Structures - Engineering Services	-1,080.00
05/07/2020	27666	Frontier Communications	Phone Service - Alarm, Fax, Modem, Board Room	-191.59
05/07/2020	27667	Frontier Communications	Phone Service - North Portal	-62.24
05/07/2020	27668	Harrison Hardware	Supplies (Fisheries)	-103.24
05/07/2020	27669	Jeff Goddard	Mileage Reimbursement April 2020 (Fisheries)	-580.18
05/07/2020	27670	Kenneth A. Knight, Consulting	Oak Tree Program - Arborist Services	-950.00
05/07/2020	27671	Kristen Sneddon	Director Meeting Fees April 2020	-300.00
05/07/2020	27672	Lauren W. Hanson	Director Meeting Fees April 2020	-300.00
05/07/2020	27673	LimnoTech	Lake Cachuma Water Quality - Water Quality Buoy	-9,848.19
05/07/2020	27674	MarBorg Industries	Portable Facilities - Outlying Stations	-447.92
05/07/2020	27675	Musick, Peeler & Garrett LLP	General Counsel March 2020	-2,797.55
05/07/2020	27676	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 4/3/20, 4/17/20, 5/1/20	-313.25
05/07/2020	27677	Polly Holcombe	Director Meeting Fees April 2020	-400.27
05/07/2020	27678	Powell Garage	2005 Ford F-550 - Brake, Transmission & Differential Service (Ops)	-2,217.87
05/07/2020	27679	Powell Garage	2007 Ford F350 - Replace Brakes & Service Vehicle (Ops)	-2,651.71
05/07/2020	27680	Quinn Company	Positrack Repair	-12,356.66
05/07/2020	27681	SB Home Improvement Center	Supplies (Fisheries)	-777.63
05/07/2020	27682	Solinst Canada Ltd.	Levellogger & Barologger (Fisheries)	-939.69
05/07/2020	27683	Southern California Edison	Electricity - Main Office & Outlying Stations	-995.23
05/07/2020	27684	Staples Credit Plan	Office Supplies (Ops & Fisheries)	-359.09
05/07/2020	27685	Tri-Co Reprographics	Quiota Creek Crossing 8 - Reproduction	-8.11
05/07/2020	27686	Turenchalk Network Services, Inc.	Network Support	-2,997.46
05/07/2020	27687	Turenchalk Network Services, Inc.	Network Support --Outlook 365 Upgrade	-1,440.00
05/07/2020	27688	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-143.65
05/07/2020	27689	Wells Fargo Vendor Fin Serv	Copier Leases - Kyocera Taskalpas 3051ci & 6052ci	-411.08
05/07/2020	27690	Woodard & Curran	Lake Cachuma Water Quality Study - Professional Services	-12,998.75
05/07/2020	27691	Wright Express Fleet Services	Fleet Fuel April 2020	-3,418.49
05/07/2020	27692	YSI Inc./Xylem	Water Quality Probe & Accessories (Ops & Fisheries)	-3,949.88
05/07/2020	27693	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance April 2020	-480.00
05/15/2020	27694	City of Santa Barbara-Central Stores	Personal Protective Equipment (Ops)	-170.57
05/15/2020	27695	County of Santa--Barbara	Dump Fees (Ops)	-85.85
05/15/2020	27696	Esys The Energy Control Company	Lauro Reservoir - Solenoid Replacement	-5,070.00
05/15/2020	27697	Eurofins Eaton Analytical, LLC	Lake Cachuma Water Quality - Sampling	-1,000.00
05/15/2020	27698	Home Depot Credit Services	Supplies (Ops & Fisheries)	-414.06
05/15/2020	27699	Impulse Advanced Communications	Phone Service - Main Office	-445.10
05/15/2020	27700	Kenneth A. Knight, Consulting	Oak Tree Program - Arborist Services	-300.00
05/15/2020	27701	O'Reilly Automotive, Inc.	Automotive Supplies (Ops)	-231.77
05/15/2020	27702	Powell Garage	2003 Ford F-150 - Change Oil & Replace Battery (Fisheries)	-357.41
05/15/2020	27703	Single Cylinder Repair, Inc.	Oak Tree Program - Water Pumps	-1,068.47

Item #3c

Page 1

Cachuma Operation & Maintenance Board

Paid Claims

As of May 31, 2020

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
05/15/2020	27704	Southern California Edison	Electricity - Outlying Stations	-34.14
05/15/2020	27705	Verizon Wireless	Operations Cell Phones, iPads, SCADA USBs & Cellular Modems	-792.20
05/15/2020	27706- 27717	VOID	VOID	0.00
05/26/2020	052620A	American Riviera Bank (ARB)	EPFP Loan Payment 1 of 2	-28,123.75
05/26/2020	052620B	American Riviera Bank (ARB)	EPFP Loan Payment 2 of 2	-10,354.21
05/27/2020	27718	Aspect Engineering Group	SCADA Upgrade - Lauro Reservoir PLC 7	-3,170.58
05/27/2020	27719	Cushman Contracting Corp.	EPFP Pumping System - Pay Req #73	-3,500.00
05/27/2020	27720	E.H. Wachs	Wachs Gas Engine Driven Hydraulic Cart & Valve Exerciser (Ops)	-19,982.96
05/27/2020	27721	Farm Supply Company	Oak Tree Program - Supplies	-73.27
05/27/2020	27722	Federal Express	Shipping (Ops)	-213.55
05/27/2020	27723	LimnoTech	Lake Cachuma Water Quality Study - Water Quality Buoy	-1,631.20
05/27/2020	27724	Musick, Peeler & Garrett LLP	General Counsel April 2020	-4,669.00
05/27/2020	27725	Nargan Fire & Safety, Inc.	Annual Fire Extinguisher Inspection & Service	-519.10
05/27/2020	27726	Nutrien Ag Solutions, Inc.	Oak Tree Program - Supplies	-30.82
05/27/2020	27727	Onset Computer Corporation	Water Temperature Probe (Fisheries)	-587.38
05/27/2020	27728	PG&E	Electricity - Tecolote Tunnel & North Portal	-400.66
05/27/2020	27729	Powell Garage	2008 Ford Explorer - Gear Shift Repair (Ops)	-137.84
05/27/2020	27730	Premiere Global Services	Conference Calls April 2020	-1,111.29
05/27/2020	27731	Sparkletts	Operations Safety	-41.32
05/27/2020	27732	Total Compensation Systems, Inc.	GASB 74/75 OPEB Valuation	-1,485.00
05/27/2020	27733	UPS	Shipping (Fisheries)	-5.80
05/27/2020	27734	Wells Fargo Vendor Fin Serv	Copier Leases - Kyocera Taskalfas 3051ci & 6052ci	-411.08
Total 1050 - General Fund				<u>-191,384.74</u>
TOTAL				<u>-191,384.74</u>

DIRECTORS

CACHUMA OPERATION & MAINTENANCE BOARD

Operations Committee Meeting

by Teleconference Call ONLY
Teleconference Call-in Number: 1 (888) 899-7789
Passcode: 804443#

Wednesday, June 17, 2020
11:00 am

AGENDA

Chair: Director Sneddon
Member: Director Holcombe

1. Call to Order
2. Public Comment (*Public may address the Committee on any subject matter not on the agenda and within the Committee's jurisdiction*)
3. Mobile Office Building Replacement Project (*for information and possible recommendation*)
4. Engineering / Operations Projects Update (*for information and possible recommendation*)
 - Water Quality and Sediment Management Study
5. Adjournment

NOTICE TO THE PUBLIC

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

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

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

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 22, 2020
Submitted by:	Janet Gingras

SUBJECT: Fiscal Year 2020-21 Elections and Appointments of Cachuma Operation and Maintenance Board

SUMMARY:

Each year during this time, the Board of Directors conducts the annual election of new officers and votes on appointed positions to serve the Board for the upcoming fiscal year. The newly elected officers and appointed positions will become effective July 1, 2020 and will remain in effect until June 30, 2021. The list below outlines the Officers to be elected at this time and the current positions held by members of the Board.

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

RECOMMENDATION:

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

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

LIST OF EXHIBITS:

N/A

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 22, 2020
Submitted by:	Janet Gingras

SUBJECT: Resolution No. 708 - Mobile Office Building Replacement - Infrastructure Improvement Plan (IIP) Project

RECOMMENDATION:

The Board of Directors review the proposed design, purchase and installation costs of two mobile office buildings, which includes a \$15,000 non-refundable deposit for design costs, and approve and authorize the General Manager to execute a contract with Atlas Performance, Inc. (API) in an amount not to exceed \$300,000. Design costs will be credited toward the purchase of the replacement mobile office buildings.

SUMMARY:

The COMB Administration and Fisheries mobile offices are aging and in various stages of deterioration. The Administration office is a 1979 model (41 years old), purchased used in 1993 and the Fisheries office is a 1997 model (23 years old), purchased used in 1999. These offices are deteriorating and have multiple leak points, various unidentifiable smells emanating within the interior of the buildings, and severe rotting discovered on the roof and interior/exterior walls. These buildings have long outlived their life expectancy and have become a personnel safety issue due to the extent of deterioration. These outdated temporary buildings do not contain ADA compliant features and have become obsolete. The Infrastructure Improvement Plan, approved by the COMB Board in February 2020, categorizes this project as Priority 3 – Addresses Critical Deficiency.

Staff contacted three mobile office manufacturers to obtain quotations for replacement of the mobile office buildings; Modspace, Willscot (Los Angeles), and Atlas Performance, Inc (Santa Maria). (Modspace has subsequently been acquired by Willscot). The proposed mobile office buildings features are scoped as nominal with standard factory finishes. The mobile offices would be manufactured off-site and installed in the same location as the current mobile offices reside in Lauro yard.

The lowest responsive quotation was received from Atlas Performance, Inc. (API) which is located in northern Santa Barbara County. API is a manufacturer and installer of mobile/modular office space and has been in business for several decades. The north county manufacturing location would enable staff easy access for review of designs, plans and to address questions/concerns during the manufacturing and installation process. In addition, delivery charges are less due to the short distance for travel.

The quotation includes the design, manufacturing and purchase of two mobile offices totaling 1,440 square feet of office space (1 double wide and 1 single wide), delivery charges, tie downs, skirting, steps and ADA ramp, license and transfer charges, removal and disposal of current buildings, and installation on site. A non-refundable deposit of \$15,000 for design drawings is requested from API and will be credited toward the purchase of the two buildings. The COMB approved operating budget for fiscal year 2019-20 contains funding for the design deposit. The approved operating budget for fiscal year 2020-21 contains funding for the purchase and installation of the two mobile office buildings. Staff recommends engaging API to begin design drawings in preparation of the procurement of the two mobile office buildings.

FISCAL IMPACTS:

The deposit of \$15,000 is contained in the current Fiscal Year 2019-20 operating budget. For Fiscal Year 2020-21, the COMB adopted operating budget contains funds necessary for the purchase, manufacture and installation of the two mobile office buildings.

COMMITTEE STATUS:

The Operations Committee reviewed the proposed design, purchase and installation costs of two mobile office buildings, which includes a \$15,000 non-refundable deposit for design costs, and forwards to the Board with a recommendation to approve and authorize the General Manager to execute a contract with Atlas Performance, Inc. (API) in an amount not to exceed \$300,000. Design costs will be credited toward the purchase of the replacement mobile office buildings.

LIST OF EXHIBITS:

1. Resolution No. 708

RESOLUTION NO. 708

**RESOLUTION OF THE GOVERNING BOARD OF THE
CACHUMA OPERATION & MAINTENANCE BOARD APPROVING PROJECT
EXPENDITURES AND AUTHORIZING CONTRACT EXECUTION FOR THE
DESIGN, PURCHASE AND INSTALLATION OF
THE MOBILE OFFICE REPLACEMENT PROJECT**

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

WHEREAS, the Member Agencies of COMB consist of the Goleta Water District, the City of Santa Barbara, the Montecito Water District, and the Carpinteria Valley Water District; and

WHEREAS, COMB operates and maintains Cachuma Project facilities pursuant to a Transfer of Operation and Maintenance Contract with the United States Bureau of Reclamation, including the South Coast Conduit (“SCC”) and appurtenances. The SCC is a critical piece of infrastructure that provides for the conveyance of Cachuma Project water and State Project water to 250,000 residents on the South Coast of Santa Barbara County; and

WHEREAS, the COMB Administration and Fisheries mobile offices are in various stages of deterioration and have been identified as a priority in the Infrastructure Improvement Plan (“IIP”) approved by the COMB Governing Board; and

WHEREAS, in order to ensure the health and safety of COMB personnel, it is necessary to replace the deteriorated mobile offices with new buildings and related structures (“Project”); and

WHEREAS, a competitive request for proposals was performed for the purchase and installation of the Project, with Atlas Performance Industries, Inc. (“API”) being the lowest responsive, responsible proposer; and

WHEREAS, on June 17, 2020, COMB’s Operations Committee reviewed the proposed design, purchase and installation costs submitted by API in an amount not to exceed \$300,000; and

WHEREAS, the Operations Committee has forwarded the proposed design, purchase and installation costs to the Governing Board with a recommendation to approve and authorize the General Manager to execute a contract with API in an amount not to exceed \$300,000; and

WHEREAS, it is in the best interest of COMB to enter into said contract.

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

1. The Governing Board finds and determines that the facts set forth in the above recitals and in the documents referenced herein are true and correct.

2. The Governing Board authorizes the General Manager to execute a contract with API in an amount not to exceed \$300,000.

3. The Governing Board further authorizes COMB's officers and staff, including the General Manager, to continue to do all things necessary and appropriate, including, but not limited to, execution and delivery of necessary documents and any other actions to construct and implement the Project using the approved expenditures.

4. This Resolution shall take effect immediately.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board, this 22nd day of June 2020, by the following roll call vote:

Ayes:

Nays:

Abstain:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 22, 2020
Submitted by:	Joel Degner
Approved by:	Janet Gingras

SUBJECT: Water Quality Sampling Program Expenditures

RECOMMENDATION:

The Board of Directors review expenditures for water quality sampling at Lake Cachuma that exceed the previously executed purchase order for Eurofin Eaton Labs, and authorize the General Manager to execute an increase to the purchase order by \$10,000 for additional expenditures, as needed.

SUMMARY:

COMB has performed additional water quality sampling of nutrients and algae at the Intake Tower and in select tributaries in Fiscal Year 2019-2020 based on a Sampling and Monitoring Plan developed by Woodward & Curran and Limnotech. Nutrient samples and routine algal toxin samples were conducted monthly at the intake tower and tributaries were sampled to fill in data gaps in the water quality monitoring at Lake Cachuma.

COMB's consultants, Woodard and Curran, has recommended more frequent water quality testing during observed periods of algal bloom conditions in the lake. Staff has been utilizing real-time data from the recently installed water quality buoy in addition to the satellite data and visual observations to determine optimal periods of sampling. In April, COMB staff observed conditions at the lake which required additional water quality sampling resulting in total expenditures that will exceed the previously executed \$24,750 purchase order for Eurofins Eaton Labs. Overall, the Eurofins Eaton Lab costs are expected not to exceed \$34,750 for Fiscal Year 2019-2020. Purchase order expenditures greater than \$25,000 require Board of Directors approval per COMB's Procurement Policy.

The additional sampling for the algal bloom in April resulted in non-detects for algal toxins.

FISCAL IMPACTS:

Funds for the additional water quality sampling lab costs are included in the current fiscal year operating budget.

COMMITTEE STATUS:

The Operations Committee reviewed expenditures for water quality sampling at Lake Cachuma that exceed the previously executed purchase order for Eurofin Eaton Labs, and forwards to the Board with a recommendation to approve the additional expenditures and authorize the General Manager to execute an increase to the purchase order by \$10,000 for additional expenditures, as needed.

LIST OF EXHIBITS:

N/A

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Mission Statement:

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

June 22, 2020

General Manager Report

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

Administration

- **O & M Contract**

COMB is responsible for diversion of water to the South Coast through the Tecolote Tunnel, and operation and maintenance of the South Coast Conduit conveyance pipeline, flow control valves, meters, and instrumentation at control stations, and turnouts along the South Coast Conduit and at four regulating reservoirs. On February 24, 1956, Reclamation, the original Member Units, and the Santa Barbara County Water Agency entered into a contract which provided for the transfer of Operation and Maintenance (O&M) of Transferred Project works to the original Member Units. The O & M contract has been amended by amendatory contracts since that time, one of which was executed with COMB as the contractor. In March 2003, Reclamation entered into a new contract with the Cachuma Operation and Maintenance Board for the operation and maintenance of the transferred project works including the Tecolote Tunnel and the South Coast Conduit system. The contract remains in effect through September 30, 2020. COMB initiated the contract renewal process with Reclamation in July of 2017. Staff was recently notified that Reclamation is in the process of pursuing an extension of the current O & M contract for a three year period which will include updates to the standard articles contained in the contract.

- **COVID-19 Update**

In response to the COVID-19 local emergency and global pandemic, staff has established operational protocols and implemented business continuity practices to ensure the safety of our employees and the community. The protocols continue to be followed and align with the suggested protocols issued by the Santa Barbara County Public Health Department and the Centers for Disease Control (CDC) to protect employees and our community against the risk posed by COVID-19. Alternative work schedules continue to be implemented to increase work space distancing in order to reduce the chance of exposure of COVID-19 among staff members.

COMB staff has been meeting (telephonically) with Member Agency technical staff to discuss any needs warranted from potential operational disruption due to the virus. To date, staffing needs and general operational resources have been reported to be satisfactory among the group.

- **Comprehensive Annual Financial Report (Audit) for Fiscal Year 2019-20**

Bartlett, Pringle & Wolf, LLP is scheduled to perform preliminary fieldwork and internal control testing during June 24-26, 2020 in preparation for the upcoming annual comprehensive financial audit for fiscal year ending June 30, 2020. The audit is comprised of review of the statement of net position as of June 30, 2020, related statements of revenue, expenses and changes in net position, cash flows for the year then ended, and the related notes to the financial statements. In addition, the auditors will perform a single audit related to the California Department of Fish and Wildlife grant funding received for the Quiota Creek fish passage improvement projects at crossing eight. The audit will be conducted in accordance with audit requirements imposed by the Single Audit Act and Subpart F of Title 2, U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, cost principles, and audit requirements for federal awards.

Virtual Meetings

- **Special District Administrators Meeting**

Staff participated in a conference call with various local special district administrative and finance managers. Agencies that participated included water, sanitary and fire districts. This was the first meeting of the group since the COVID-19 breakout. Topics included COVID-19 related issues and reopening strategies, annual budget and year end audit planning, COLA information and CalPERS topics of interest. The meeting also included a roundtable discussion where managers could discuss miscellaneous accounting and HR related topics.

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

The Santa Barbara County IRWMP Participating Cooperating Partners virtually met on June 9, 2020. The group discussed the status of countywide SGMA planning efforts and received an update on the IRWM Roundtable of Regions. The group also received a presentation from the City of Solvang regarding their proposed Wastewater Treatment Plant (WWTP).

Engineering / Operations Division

- **Current Activities**

The Engineering / Operations Division has made significant progress during the last few months on a number of outstanding items including:

- Repair of the Posi-track equipment
- Purchase of a new hydraulic valve exerciser equipment
- Completion of electrical work in upper reach
- Annual cathodic protection inspection
- Purchase of stainless steel rod extensions for future maintenance
- Intake Tower annual hoist maintenance completed
- Lauro yard and North Portal generators annual maintenance and load test
- Purchase of 24" gate valve for lower reach
- Purchase of replacement modems
- Purchase of aerial imagery
- Field Maplet program issues identified and resolved
- Submittal of SOP recommended updates to USBR
- Safety equipment purchases

Respectfully Submitted,

Janet Gingras

General Manager

CACHUMA OPERATION AND MAINTENANCE BOARD

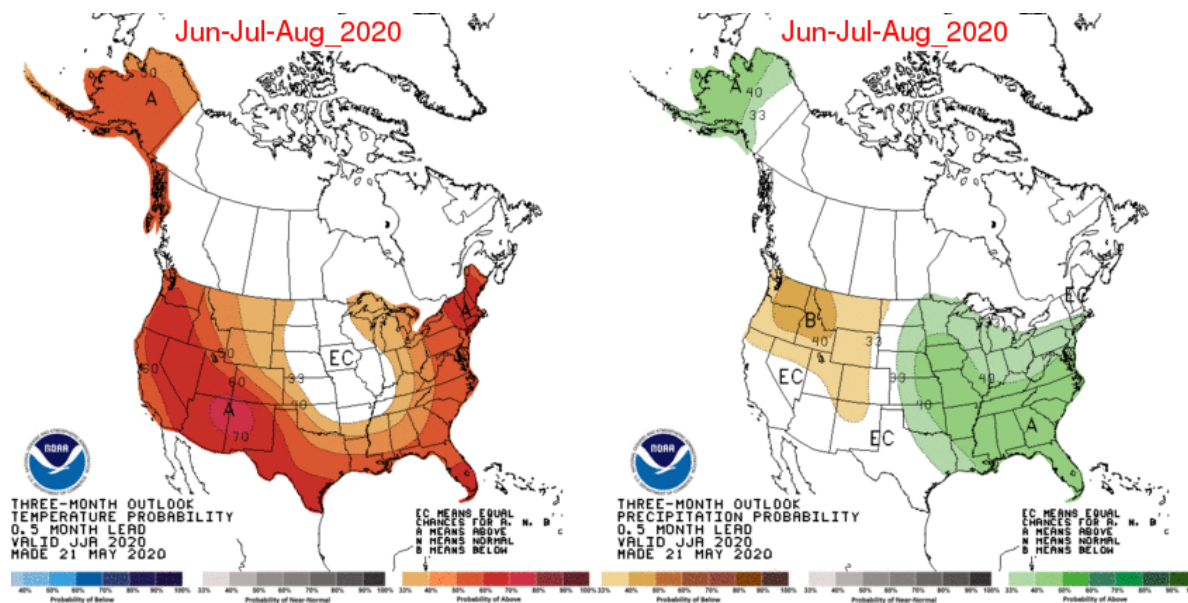
MEMORANDUM

DATE: June 22, 2020
TO: Janet Gingras, General Manager
FROM: Joel Degner, Engineer/Operations Division Manager
RE: **MONTHLY ENGINEERING / OPERATIONS 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 seasonal three-month look for July-August-September predicts above normal temperatures for the Western United States. We are currently in the midst of fire season and fire risk will increase as moisture in the fuel loads decline with warmer temperatures. COMB has been preparing for power shutdowns by performing electrical work at Glen Anne Turnout, preparing to replace PLC 8 which is subject to outage with a power disruption, and performing load tests and maintenance on its generators.



AWIA EMERGENCY RESPONSE PLAN

COMB is required by the 2018 America's Water Infrastructure Act (AWIA) to certify the completion of an emergency response plan no later than six months after certifying completion of the risk and resilience assessment. COMB certified the completion of the risk and resilience assessment in March 2020. The emergency response plan needs to be certified complete in September 2020. The emergency response plan incorporates findings of the assessment and should include (1) strategies and resources to improve the resilience of the system, (2) plans and procedures that can be utilized in the event of a malevolent act or natural hazard, (3) actions, procedures and equipment which can obviate or significantly lessen the impact of a malevolent act or natural

hazard, and (4) strategies that can be used to aid in the detection of malevolent acts or natural hazards. COMB staff is in the process of preparing the emergency response plan. COMB has many of the components of the plan in existing documents and plans to reference those documents (such as the Emergency Action Plan prepared by the Bureau of Reclamation for the system) as appropriate.

WATER QUALITY AND SEDIMENT MANAGEMENT STUDY

Woodward & Curran is drafting the final report which will provide an evaluation of potential solutions to water quality problems identified in the earlier phase of the study. A technical review meeting is planned for June 25th to review the report. COMB staff continues to sample according to the sampling and monitoring plan to fill in data gaps in understanding the nutrient and algae dynamics at Lake Cachuma.

INFRASTRUCTURE IMPROVEMENT PROJECTS

Table 1 provides a summary of the status of Fiscal Year 2019-20 projects. Completed projects will be archived and the table will be updated next month for Fiscal Year 2020-21 projects.

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
Infrastructure Improvement Projects			
Sycamore Canyon Slope Stabilization	Construction project completed at the end of September 2019.	CalOES and FEMA have been delayed by other disasters and COVID-19 to formally complete the project closeout for the public assistance grant.	Completed (September 2019)
San Jose Creek SCC Stream Protection Measures	Construction project completed at the end of October.	South Coast Conduit was exposed in San Jose Creek and required stream protection measures to prevent damage and water supply disruption.	Completed (October 2019)
SCC Structure Rehabilitation (AVAR/BO)	Schedule D and E completed. Developing plans and designs for Schedule F in Carpinteria.	Shutdown needs to be closely coordinated with CVWD.	Completed D and E (March 2020)
SCC Line Valves for Shutdown	Engineering plans and specifications are completed. Project has been delayed this fiscal year. Replacement 24" gate valve for Ortega Valve #1 has been ordered.	During Schedule D shutdown, excessive leakby was observed from Ortega Control Station. Valve #1 at the station will need to be replaced prior to construction involving the line valve.	Construction planned for Winter 2020-2021
SCC Structure Rehabilitation : Lower Reach Laterals	Draft designs have been completed and under review. Air vacuum release valves and gate valves have been ordered to support the project.	In order to facilitate shutdowns on the Lower Reach of the SCC, lateral valves need replacement.	Initial Construction planned for Fall/Winter 2020
Special Projects			
Emergency Pumping Facility Project	Key components of the barge are currently being stored under contract. Design plans and specifications are being prepared for Secured Pipeline. Materials are being prepared for the environmental review process.	With the increase in lake levels in 2020, the lake elevation is projected to remain above 685 until the Summer/Fall 2022.	TBD
Lake Cachuma Water Quality and Sediment Management Study	Water quality data portal under development. Draft report is being prepared which will include potential issues identified in first phase.	Recent wildfires and subsequent storm events have resulted in decreased water quality and increased sedimentation into Lake Cachuma.	July 2021

MONTHLY REPORT OF OPERATIONS – MAY 2020

The total flow from Lake Cachuma into the Tecolote Tunnel for May was 1,555.9 acre-feet, for an average daily flow of 50.2 acre-feet. Lake elevation was 740.37 feet at the beginning of May and 739.52 feet at the end of May. Storage decreased by 2,315 acre-feet. CCWA wheeled 52.4 acre-feet of water to Cachuma Project facilities. The City of Santa Barbara wheeled 678 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized to deliver water to Hilton Creek for the month of May.

The Operations Division of the Cachuma Operation and Maintenance Board has the responsibility to operate, repair and maintain all Cachuma Project facilities from the Intake Tower at Lake Cachuma to the Carpinteria Reservoir. The Annual Work Plan sets forth all activities necessary to ensure system reliability. Consistent with the Plan, Operation and Maintenance staff performs routine maintenance on the distribution and storage system. Staff continues to improve the system, address deficiencies and identify items to be included in the Infrastructure Improvement Program of work. Operations Division is responsible for:

- Adequately regulating and maintaining the diversion of water from Lake Cachuma to the South Coast via the Tecolote Tunnel as the primary water source for 5 communities.
- Operation and maintenance of the South Coast Conduit pipeline, which consist of 26.5 miles of pipeline with a combined 124 blow off and air vent structures, 43 turnout structures and 20 meters.
- Operation and maintenance of four regulating reservoirs.

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

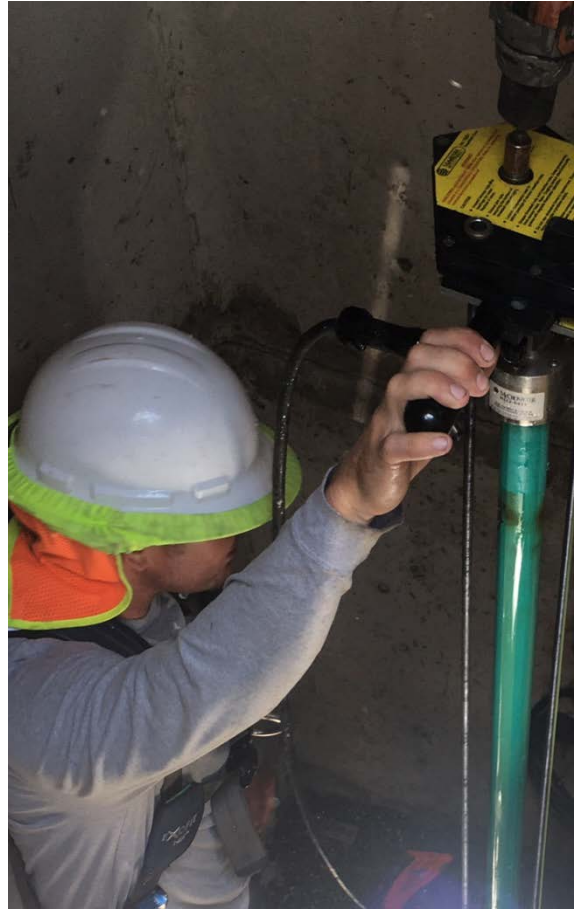
Operations staff implemented physical distancing measures as a response to COVID-19. Operators utilize separate vehicles and mostly completed work that could be done by one staff member or with appropriate physical distance if multiple staff are required. Routine operation and maintenance completed during the month of May were as follows:

- Staff has been on site monitoring several ongoing projects throughout the area, working closely with the construction and engineering contractors to ensure that:
 - Pipeline easements and the right-of-way remain accessible to Operations staff for possible emergencies and ongoing facility maintenance.
 - All projects are following the COMB and USBR approved plans.
 - No damage occurs to the SCC during the construction process.
- Conducted five flow changes at the North Portal during the month of May
- Reviewed 4 projects for conflicts within the right of way
- Received and reviewed 111 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 (surface only at this time) with Otis
- Performed monthly water quality sampling
- Read anodes and rectifier data

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

- Began structure maintenance in the Upper Reach.
- Assisted AllCal with the annual hoist inspection and certification for the hoist at the North Portal
- Assisted Quinn with the annual generator maintenance and load test of the generators at the Lauro Yard and at the North Portal. Batteries in both generators were replaced.
- Monitored Taft Electric work at Glen Anne Turnout in preparations for public safety power shutdowns.
- Modified water truck to have the option to utilize a gas-powered pump.
- Removed air vent that was installed at manhole 295+30 and replaced with ball valve
- Performed maintenance on the Boundary Meter
- Maintained defensible space in required areas around Lauro Reservoir
- Maintained defensible space and improved drainage at the North Portal
- Observed Caltrans excavate for sign installation on Highway 192
- Repaired the log boom and performed water quality monitoring buoy maintenance at the North Portal Intake Tower

OPERATIONS PHOTOS



Boundary Insertion meter removed and inspected



Defensible space and drainage maintenance around the North Portal Control Building



Vegetation cleared around structure 525+36

CACHUMA OPERATION AND MAINTENANCE BOARD

BOARD MEMORANDUM

DATE: June 22, 2020
TO: Janet Gingras, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- USBR continues to deliver over the minimum 2000 Biological Opinion target flows to Hilton Creek at approximately 4.6 cfs of Lake Cachuma water to Hilton Creek by gravity flow to the Upper Release Point through the Hilton Creek Watering System (HCWS) which is sustaining the *O. mykiss* population in the creek.
- 2000 BiOp and Order WR 2019-0148 target flows to the Hwy 154 Bridge are being met by USBR for a Below Normal water year through releases to Hilton Creek and from the Outlet Works to the Lower Santa Ynez River (LSYR) mainstem.

In compliance with the 2000 Cachuma Project Biological Opinion (BiOp) (NMFS, 2000) and as described in the 2004 Lower Santa Ynez River Fish Management Plan (SYRTAC, 2000) and the Monitoring Program in the 2000 Revised Biological Assessment (BA), the COMB Fisheries Division (FD) staff conducts routine monitoring of steelhead/rainbow trout 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.

Migrant Trapping: The 2020 Trapping Plan was provided to Reclamation in January who then submitted it to NMFS. This monitoring effort normally begins in January and continues through May depending on streamflow rates. The results are presented in the Annual Monitoring Summary. Migrant traps were deployed when conditions were favorable for fish movement specifically on 2/5/20 in Hilton Creek, 3/12/20 in Salsipuedes Creek, and 4/9/20 in

the LSYR mainstem in association with a Fish Passage Supplementation event. Traps are removed during high flow events for safety of the staff, fishery, and equipment, or if flows are too low to enable migration. Migrant traps were removed at the LSYR mainstem on 4/24/20 in association with last month's Pulse Flow release, Salsipuedes Creek on 5/15/20 due to low flow, and Hilton Creek on 5/20/20 due to reaching our Incidental Take Limit for juvenile capture, which ended the migrant trapping effort for the year. The Santa Ynez River Lagoon opened early on 4/7/20 and appears to be closed as of 6/15/20 (pending confirmation this week).

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

Tributary Project Updates:

South Side Erosion Control and Reforestation Project at Quiota Creek Crossing 8: Funding for this project has been secured through a National Fish and Wildlife Foundation (NFWF) grant for \$43,973. The COMB Board accepted the grant during the 3/23/20 Board meeting and authorized the COMB General Manager to go forward with the project through Resolution No. 705. All landowner agreements and permits for the project have been secured. COMB issued a construction contract to Peter Lapidus Construction for \$41,530. The project will be built during the dry season of this year.

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 by gravity flow to the Upper Release Point with no backup from the HCEBS.

No further observable work has been done on the HCWS pumping barge, with no date set for installation of the ordered parts.

Surcharge Water Accounting:

The following table summarizes the amount of surcharge water used to date from each of the three accounts plus unallocated project yield 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 accounts have been used and USBR is now using Project Yield 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, and 8/6/18 - 9/12/18. There were no WR 89-18 releases in WY2019. 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 explained in previous reports.

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 Yield		18,269	
Total:	9,184	32,967	-2,314
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 5/31/20.			
*** 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 currently is working on the WY2020 Annual Monitoring Report (the USBR report) and the Annual Monitoring Summary (the COMB report) as well as any other BiOp or Order WR 2019-0148 compliance measures as requested by USBR. All reports through WY2019 have been completed and submitted to NMFS or posted on the COMB webpage.

Outreach and Training: Outreach continues with Quiota Creek and Salsipuedes Creek watershed landowners, interested parties within the Santa Ynez Valley, and the County on a variety of fisheries related issues. The Fisheries Division Manager gave a guest lecture by webinar to the California Fish Passage Advisory Committee (FishPAC) group (Caltrans, CDFW, NMFS and USFWS) on bridge installations on S. Refugio Road that was well received.

Consultant Activity Summary:

HDR Fisheries Design Center (Mike Garello) – No work was done this month.

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	June 22, 2020
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 July, 2019 to the present (7/1/19 – 6/22/20, Table 1). Labor and expenses for the entire fiscal year (July 2019 - June 2020) 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. The 2019 Annual Inventory has been completed and Fiscal Year 2019-20 Financials are being compiled by the COMB-FD staff for the annual report and will be provided to the Lake Cachuma Oak Tree Committee soon after the completion of the fiscal year.

Table 1: Cachuma Oak Tree Program completed tasks since July, 2019.

	July 2019	Aug 2019	Sept 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020 ²	Feb 2020 ²	March 2020 ²	April 2020 ²	May 2020
Year 11 Oaks (2019-2020)							New Trees Gopher Baskets Fert/Comp Deer Cages	New Trees Gopher Baskets Fert/Comp Deer Cages	Weeded	Weeded	Weeded Irrigated
Year 10 Oaks (2018-2019)	Irrigated Weeded	Irrigated Weeded		Irrigated Weeded		Planted ¹		Irrigated	Irrigated Weeded	Weeded	Weeded
Year 9 Oaks (2016-2017)	Irrigated Weeded		Irrigated Weeded Mulched	Irrigated Weeded	Deer Cages	Planted ¹					Weeded
Year 8 Oaks (2015-2016)	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded Deer Cages		Irrigated Mulched Deer Cages	Planted ¹			Mulched		Weeded Mowed
Year 7 Oaks (2014-2015)	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Mulched Weeded	Irrigated Weeded	Mulched Weeded		Irrigated	Mulched	Irrigated	Mowed
Year 6 Oaks (2010-2011)											Mowed
Year 5 Oaks (2009-2010)											
Year 4 Oaks (2008-2009)											
Year 3 Oaks (2007-2008)											
Year 2 Oaks (2006-2007)											
Year 1 Oaks (2005-2006)											
¹ Dead trees replaced											
² Oak tree inventory											

The COMB Fisheries Division has been hand weeding the newer age classes of oaks at the Santa Barbara County Park and at Lake Cachuma and watering the Year 11 trees in the Park.

All trees have been growing well and shown the benefits of late spring rainfall (Exhibit 1).

LIST OF EXHIBITS:



Exhibit 1: Lake Cachuma Oak Tree Restoration program showing (a-c) tree growing tubes removed after trees were taller than the tube, and (d) Storke Flats (Sector 8).

CACHUMA OPERATION AND MAINTENANCE BOARD

METERED USE REPORT FOR APRIL 2020

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter - East		76.94	18+62	G. WEST	29.59
Boundary Meter - West		(0.02)	78+00	Corona Del Mar FILTER Plant	624.84
			122+20	STOW RANCH	0.00
				Raytheon (SWP) (Warren Act Contract)	(3.00)
				Morehart (SWP) (Warren Act Contract)	(3.00)
				SWP CREDIT (Warren Act Contract)	0.00
			TOTAL		648.43
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	35.07
			386+65	MWD YARD	31.70
			487+07	VALLEY CLUB	0.00
			499+65	E. VALLEY-ROMERO PUMP	38.75
			510+95	MWD PUMP (SWD)	5.98
			510+95	ORTEGA CONTROL	7.58
			526+43	ASEGRA RD	0.02
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.00
			599+27	TORO CANYON	0.13
				SWP CREDIT (Warren Act Contract)	0.00
			TOTAL		119.23
			CITY OF SANTA BARBARA		
			CATER	INFLOW	714.72
			Gibraltar	PENSTOCK	(307.00)
			CATER	SO. FLOW	(319.77)
			Sheffield	SHEF.LIFT	108.95
				SWP CREDIT (Warren Act Contract)	0.00
				La Cumbre Mutual (SWP) (Warren Act)	(54.14)
			TOTAL		142.77
			SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1		
			COUNTY PARK, ETC		0.79
			TOTAL		0.79
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WATER DELIVERED TO LAKE		36.00
			STATE WATER TO SOUTH COAST (including from storage)		60.14
			METERED DIVERSION		
					988.13
SWP CREDIT (Warren Act Contract) 0.00 TOTAL 76.92					
Note: Meter reads were taken on: 4/30/2020					

WATER YEAR 19-20 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF APRIL 2020 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT		
WATER PRODUCTION:	MONTH	WYTD
Cachuma Lake (Tec. Diversion)	974.2	6,746.0
Tecolote Tunnel Infiltration	101.7	793.4
Cachuma Lake (County Park)	0.8	8.9
Subtotal - Water Production	1,076.7	7,548.3
WATER DELIVERIES:		
State Water Diversion	60.1	297.4
Cachuma Diversion	988.1	7,222.2
Storage gain/(loss)	40.7	26.1
Subtotal - Water Deliveries	1,089.0	7,545.7
Total Water Production	1,076.7	7,548.3
Total Water Deliveries	1,089.0	7,545.7
Difference = Apparent Water Loss	(12.3)	2.6
% Apparent Water Loss	-1.14%	0.03%

SCC APPARENT WATER LOSS ALLOCATION (AWL) ⁽⁴⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
CURRENT MONTH CHARGE / (ADJUSTMENT) ⁽³⁾					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total Current Month	0.0	0.0	0.0	0.0	0.0
WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total AWL Charged (WYTD) ⁽³⁾	0.0	0.0	0.0	0.0	0.0
Total AWL Not Charged (WYTD) ⁽³⁾					2.6
Total AWL Incurred (WYTD)					2.6

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
CURRENT MONTH						
Water Usage						
M&I	596.6	142.8	115.7	47.3	0.8	903.1
Agricultural	51.9	0.0	3.5	29.6	N/A	85.0
Subtotal Project Water Use	648.4	142.8	119.2	76.9	0.8	988.1
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	27.5	86.0	19.0	7.6	2.9	143.0
Total Project Water Charge	675.9	228.8	138.2	84.5	3.7	1,131.2
WATER YEAR-TO-DATE						
Water Usage						
M&I	3,312.4	977.3	870.4	675.1	8.9	5,844.2
Agricultural	662.8	0.0	63.9	651.3	N/A	1,378.0
Subtotal Project Water Use	3,975.2	977.3	934.4	1,326.4	8.9	7,222.2
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	186.9	442.1	105.6	53.8	14.4	802.8
Total Project Water Charge (*)	4,162.1	1,419.5	1,040.0	1,380.2	23.3	8,025.1

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

WATER YEAR 19-20 CACHUMA PROJECT ALLOCATION
CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF APRIL 2020 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 - 10/1/2019	7,940.5	14,187.8	3,816.2	2,475.7	452.8	28,873.0
Transfers/Adjustment	0.0	0.0	0.0	0.0	0.0	0.0
(-) Project Water Charge (WYTD)	4,162.1	1,419.5	1,040.0	1,380.2	23.3	8,025.1
Balance Carryover Water	3,778.4	12,768.3	2,776.2	1,095.5	429.5	20,847.9
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	0.0	0.0	0.0
Net Allocation Available Before Adjustments	9,322.0	8,277.0	2,651.0	2,813.0	2,651.0	25,714.0
<u>Adjustments to Net Allocation (WYTD)</u>						
Carryover Balances Spilled	0.0	0.0	0.0	0.0	0.0	0.0
Surplus	0.0	0.0	0.0	0.0	0.0	0.0
State Water Exchange ⁽⁶⁾	45.0	30.0	30.0	20.0	(125.0)	0.0
Transfers/Adjustment - SB/La Cumbre	0.0	(30.0)	0.0	0.0	0.0	(30.0)
Transfers/Adjustment - Bishop Ranch	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Juncal Transfer	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/SB Overlap	0.0	0.0	0.0	0.0	0.0	0.0
Balance Current Year Allocation	9,367.0	8,277.0	2,681.0	2,833.0	2,526.0	25,684.0
Total Cachuma Project Water Available	13,145.4	21,045.3	5,457.2	3,928.5	2,955.5	46,531.9

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 10/1/19.
- (6) Per SWP Exchange Agrmt GWD received 0 AF; City of SB received 0 AF; MWD received 0 AF and CVWD received 0 AF from ID#1 in April 2020.
- (7) Memo only - State Water Deliveries to Lake Cachuma for April was 36 AF.

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **APRIL 2020**

GLEN ANNIE RESERVOIR ⁽¹⁾

Capacity at 385' elevation:	335	AF
Capacity at sill of intake at 334' elevation:	21	AF
Stage of Reservoir Elevation	341.0	Feet
Water in Storage	52.75	AF

LAURO RESERVOIR

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	546.9	Feet
Water in Storage	462.17	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	449.0	Feet
Water in Storage	25.98	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	374.5	Feet
Water in Storage	22.42	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	510.56	AF
	38.31	AF

CACHUMA RESERVOIR

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

Stage of Reservoir Elevation	740.39	Feet
Water in Storage	156,800	AF
Surface Area	2,673	Acres
Evaporation	854.4	AF
Inflow	16,892.1	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	272.5	AF
Outlet	1634.0	AF
Spill/Seismic Release	0	AF
State Water Project Water	34.45	AF
Change in Storage	13,948	AF
Tecolote Diversion	974.2	AF

Rainfall:	Month: 3.58	Season: 20.97	Percent of Normal: 108%
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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 #175R-1802

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Goleta Water District**
 Update by COMB 4/30/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	7,940.5	9,322.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	7,940.5	9,322.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
746.4	248.8	995.2	59.4	995.2	1,054.6	783.9	270.6	-
516.4	163.1	679.5	28.0	679.5	707.6	533.7	173.9	-
359.1	49.0	408.1	13.5	408.1	421.5	367.2	54.4	-
332.7	21.2	353.9	15.8	353.9	369.8	341.9	27.9	-
359.2	63.4	422.5	23.0	422.5	445.5	371.9	73.6	-
402.0	65.4	467.5	19.7	467.5	487.2	412.5	74.7	-
596.6	51.9	648.4	27.5	648.4	675.9	610.2	65.7	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
3,312.4	662.8	3,975.2	186.9	3,975.2	4,162.1	3,421.3	740.8	-

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

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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	7,940.5	5,021.4	2,919.1	6,732.0	2,590.0	9,322.0
ID#1 Exch (+45AF)				24.1	20.9	45.0
Oct						
Nov						
Dec						
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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
	6,885.9	4,237.5	2,648.5	6,756.1	2,610.9	9,367.0
	6,178.4	3,703.8	2,474.6	6,756.1	2,610.9	9,367.0
	5,756.8	3,336.6	2,420.3	6,756.1	2,610.9	9,367.0
	5,387.1	2,994.7	2,392.4	6,756.1	2,610.9	9,367.0
	4,941.5	2,622.8	2,318.8	6,756.1	2,610.9	9,367.0
	4,454.4	2,210.3	2,244.1	6,756.1	2,610.9	9,367.0
	3,778.4	1,600.1	2,178.3	6,756.1	2,610.9	9,367.0
Oct						
Nov						
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Jan						
Feb						
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Sep						

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 13,145.4

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **City of Santa Barbara**
 Update by COMB 4/30/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	14,187.8	8,277.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	14,187.8	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
111.0	-	111.0	112.7	111.0	223.7	223.7	-	-	-	-
133.1	-	133.1	59.5	133.1	192.6	192.6	-	-	-	-
112.7	-	112.7	30.9	112.7	143.6	143.6	-	-	-	-
72.8	-	72.8	38.6	72.8	111.4	111.4	-	-	-	-
251.0	-	251.0	59.5	251.0	310.4	310.4	-	-	-	-
154.0	-	154.0	55.0	154.0	209.0	209.0	-	-	-	-
142.8	-	142.8	86.0	142.8	228.8	228.8	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
977.3	-	977.3	442.1	977.3	1,419.5	1,419.5	-	-	-	-

CONVERSIONS (M&I AND AG SPLIT)				
CARRYOVER WATER		CURR YR ALLOCATION		
M & I	Agr	M & I	Agr	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
Allocation			Allocation		
Total	M & I	-----	M & I	-----	Total
Begin Bal	14,187.8		8,277.0		8,277.0
LCMWD Trsfr (-30AF) + ID#1 Exch (+30AF)			-	-	-
			-	-	-
			-	-	-
			-	-	-
			-	-	-
			-	-	-
			-	-	-
			-	-	-
			-	-	-
			-	-	-
			-	-	-
			-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
Allocation			Allocation		
Total	M & I	-----	M & I	-----	Total
13,964.1	13,964.1	-	8,277.0		8,277.0
13,771.6	13,771.6	-	8,277.0		8,277.0
13,628.0	13,628.0	-	8,277.0		8,277.0
13,516.6	13,516.6	-	8,277.0		8,277.0
13,206.1	13,206.1	-	8,277.0		8,277.0
12,997.1	12,997.1	-	8,277.0		8,277.0
12,768.3	12,768.3	-	8,277.0		8,277.0

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 21,045

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Carpinteria Valley Water District**
 Update by COMB 4/30/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,475.7	2,813.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	2,475.7	2,813.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
166.1	204.2	370.3	18.3	370.3	388.6	174.6	214.0	-
137.8	174.6	312.4	8.3	312.4	320.7	141.6	179.0	-
91.9	50.8	142.7	3.8	142.7	146.5	93.7	52.8	-
67.9	38.5	106.4	4.4	106.4	110.9	69.9	40.9	-
106.0	105.4	211.4	6.2	211.4	217.6	108.8	108.8	-
58.2	48.1	106.3	5.2	106.3	111.5	60.5	51.0	-
47.3	29.6	76.9	7.6	76.9	84.5	50.5	34.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
675.1	651.3	1,326.4	53.8	1,326.4	1,380.2	699.6	680.7	-

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	2,475.7	1,150.6	1,325.1	1,400.0	1,413.0	2,813.0
ID#1 Exch (+20AF)				10.7	9.3	20.0
Oct				-	-	-
Nov				-	-	-
Dec				-	-	-
Jan				-	-	-
Feb				-	-	-
Mar				-	-	-
Apr				-	-	-
May				-	-	-
Jun				-	-	-
Jul				-	-	-
Aug				-	-	-
Sep				-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
	2,087.1	976.0	1,111.1	1,410.7	1,422.3	2,833.0
	1,766.5	834.4	932.1	1,410.7	1,422.3	2,833.0
	1,620.0	740.7	879.3	1,410.7	1,422.3	2,833.0
	1,509.1	670.8	838.3	1,410.7	1,422.3	2,833.0
	1,291.5	562.0	729.5	1,410.7	1,422.3	2,833.0
	1,180.0	501.5	678.4	1,410.7	1,422.3	2,833.0
	1,095.5	451.0	644.4	1,410.7	1,422.3	2,833.0
Oct						
Nov						
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Aug						
Sep						

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **3,928.5**

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Montecito Water District**
 Update by COMB 4/30/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	3,816.2	2,651.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	3,816.2	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	M & I	Agr	Total
252.3	27.4	279.7	29.3	279.7	309.0	275.7	33.3	-	-	-
193.6	17.0	210.6	14.6	210.6	225.2	205.1	20.1	-	-	-
15.7	0.4	16.0	7.4	16.0	23.4	21.4	2.0	-	-	-
66.8	1.5	68.3	9.2	68.3	77.5	74.0	3.5	-	-	-
145.3	10.2	155.5	13.8	155.5	169.3	156.0	13.3	-	-	-
80.9	4.0	84.9	12.4	84.9	97.3	90.4	6.9	-	-	-
115.7	3.5	119.2	19.0	119.2	138.2	130.2	8.0	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
870.4	63.9	934.4	105.6	934.4	1,040.0	952.8	87.2	-	-	-

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

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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	3,816.2	3,041.1	775.1	2,244.0	407.0	2,651.0
ID#1 Exch (+30AF)				16.1	13.9	30.0
Oct				-	-	-
Nov				-	-	-
Dec				-	-	-
Jan				-	-	-
Feb				-	-	-
Mar				-	-	-
Apr				-	-	-
May				-	-	-
Jun				-	-	-
Jul				-	-	-
Aug				-	-	-
Sep				-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	3,507.2	2,765.4	741.8	2,260.1	420.9	2,681.0
Nov	3,282.0	2,560.3	721.7	2,260.1	420.9	2,681.0
Dec	3,258.6	2,538.9	719.7	2,260.1	420.9	2,681.0
Jan	3,181.1	2,464.9	716.2	2,260.1	420.9	2,681.0
Feb	3,011.8	2,308.9	702.9	2,260.1	420.9	2,681.0
Mar	2,914.5	2,218.5	696.0	2,260.1	420.9	2,681.0
Apr	2,776.2	2,088.3	687.9	2,260.1	420.9	2,681.0
May						
Jun						
Jul						
Aug						
Sep						

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **5,457.2**

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**
 Update by COMB 4/30/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	452.8	2,651.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	452.8	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	M & I	Agr	Total
1.8	-	1.8	3.6	1.8	5.4	1.9	3.5	-	-	-
1.7	-	1.7	1.9	1.7	3.6	1.7	1.9	-	-	-
1.2	-	1.2	1.0	1.2	2.2	1.2	1.0	-	-	-
1.2	-	1.2	1.3	1.2	2.5	1.3	1.2	-	-	-
1.4	-	1.4	1.9	1.4	3.3	1.4	1.9	-	-	-
0.9	-	0.9	1.8	0.9	2.7	0.9	1.8	-	-	-
0.8	-	0.8	2.9	0.8	3.7	0.8	2.8	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
8.9	-	8.9	14.4	8.9	23.3	9.2	14.1	-	-	-

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	452.8	14.8	438.0	935.0	1,716.0	2,651.0
ID#1 Exch (-125AF)				(67.0)	(58.0)	(125.0)
Oct				-	-	-
Nov				-	-	-
Dec				-	-	-
Jan				-	-	-
Feb				-	-	-
Mar				-	-	-
Apr				-	-	-
May				-	-	-
Jun				-	-	-
Jul				-	-	-
Aug				-	-	-
Sep				-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
County Parks Usage (AF)	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
1.8	447.4	12.9	434.5	868.0	1,658.0	2,526.0
1.7	443.8	11.2	432.7	868.0	1,658.0	2,526.0
1.2	441.7	10.0	431.7	868.0	1,658.0	2,526.0
1.2	439.2	8.7	430.5	868.0	1,658.0	2,526.0
1.4	435.9	7.3	428.6	868.0	1,658.0	2,526.0
0.9	433.2	6.4	426.8	868.0	1,658.0	2,526.0
0.8	429.5	5.6	423.9	868.0	1,658.0	2,526.0
-						
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TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 2,955.5

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Santa Barbara Co. Water Agency**
 Update by COMB 4/30/2020

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	28,873.0	25,714.0	0.0	1,277.6	480.4	1,758.0	223.2	1,758.0	1,981.2	1,459.7	521.5	-	-	-
Nov			0.0	982.6	354.7	1,337.3	112.3	1,337.3	1,449.6	1,074.7	374.8	-	-	-
Dec			0.0	580.5	100.1	680.7	56.5	680.7	737.2	627.1	110.1	-	-	-
Jan			0.0	541.5	61.2	602.8	69.3	602.8	672.1	598.5	73.6	-	-	-
Feb			0.0	862.8	179.0	1,041.7	104.4	1,041.7	1,146.1	948.5	197.6	-	-	-
Mar			0.0	696.1	117.6	813.7	94.1	813.7	907.8	773.4	134.4	-	-	-
Apr			0.0	903.1	85.0	988.1	143.0	988.1	1,131.2	1,020.5	110.6	-	-	-
May			-	-	-	-	-	-	-	-	-	-	-	-
Jun			-	-	-	-	-	-	-	-	-	-	-	-
Jul			-	-	-	-	-	-	-	-	-	-	-	-
Aug			-	-	-	-	-	-	-	-	-	-	-	-
Sep			-	-	-	-	-	-	-	-	-	-	-	-
Total	28,873.0	25,714.0	0.1	5,844.2	1,378.0	7,222.2	802.8	7,222.2	8,025.1	6,502.4	1,522.7	-	-	-

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	-	-	-	-

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Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	28,873.0	23,415.7	5,457.3	19,588.0	6,126.0	25,714.0
Oct	-	-	-	(16.1)	(13.9)	(30.0)
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

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Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	County Parks Usage (AF)	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	1.8	26,891.8	4,935.8	19,571.9	6,112.1	25,684.0
Nov	1.7	25,442.2	4,561.0	19,571.9	6,112.1	25,684.0
Dec	1.2	24,705.0	4,450.9	19,571.9	6,112.1	25,684.0
Jan	1.2	24,033.0	4,377.3	19,571.9	6,112.1	25,684.0
Feb	1.4	22,886.9	4,179.7	19,571.9	6,112.1	25,684.0
Mar	0.9	21,979.1	4,045.2	19,571.9	6,112.1	25,684.0
Apr	0.8	20,847.9	3,934.6	19,571.9	6,112.1	25,684.0
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **46,531.9**

CACHUMA OPERATION AND MAINTENANCE BOARD

METERED USE REPORT FOR MAY 2020

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter - East		223.12	18+62	G. WEST	120.95
Boundary Meter - West		(0.10)	78+00	Corona Del Mar FILTER Plant	923.03
			122+20	STOW RANCH	0.00
				Raytheon (SWP) (Warren Act Contract)	(3.00)
				Morehart (SWP) (Warren Act Contract)	(3.00)
				SWP CREDIT (Warren Act Contract)	0.00
			TOTAL		1,037.97
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	91.50
			386+65	MWD YARD	8.36
			487+07	VALLEY CLUB	0.00
			499+65	E. VALLEY-ROMERO PUMP	154.07
			510+95	MWD PUMP (SWD)	16.65
			510+95	ORTEGA CONTROL	15.59
			526+43	ASEGRA RD	0.14
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.00
			599+27	TORO CANYON	0.00
				SWP CREDIT (Warren Act Contract)	0.00
			TOTAL		286.32
			CITY OF SANTA BARBARA		
			CATER	INFLOW	1346.60
			Gibraltar	PENSTOCK	(678.47)
			CATER	SO. FLOW	(691.65)
			Sheffield	SHEF.LIFT	168.73
				SWP CREDIT (Warren Act Contract)	0.00
				La Cumbre Mutual (SWP) (Warren Act)	(68.80)
			TOTAL		76.41
			SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1		
			COUNTY PARK, ETC		0.85
			TOTAL		0.85
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WATER DELIVERED TO LAKE		51.00
			STATE WATER TO SOUTH COAST (including from storage)		74.80
			METERED DIVERSION		
					1,624.58
SWP CREDIT (Warren Act Contract) 0.00 TOTAL 223.03					
Note: Meter reads were taken on: 6/1/2020					

WATER YEAR 19-20 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF MAY 2020 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT		
WATER PRODUCTION:	MONTH	WYTD
Cachuma Lake (Tec. Diversion)	1,601.3	8,347.3
Tecolote Tunnel Infiltration	106.5	899.9
Cachuma Lake (County Park)	0.9	9.8
Subtotal - Water Production	1,708.7	9,257.0
WATER DELIVERIES:		
State Water Diversion	74.8	372.2
Cachuma Diversion	1,624.6	8,846.8
Storage gain/(loss)	20.3	46.3
Subtotal - Water Deliveries	1,719.7	9,265.3
Total Water Production	1,708.7	9,257.0
Total Water Deliveries	1,719.7	9,265.3
Difference = Apparent Water Loss	(11.0)	(8.4)
% Apparent Water Loss	-0.64%	-0.09%

SCC APPARENT WATER LOSS ALLOCATION (AWL) ⁽⁴⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
CURRENT MONTH CHARGE / (ADJUSTMENT) ⁽³⁾					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total Current Month	0.0	0.0	0.0	0.0	0.0
WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total AWL Charged (WYTD) ⁽³⁾	0.0	0.0	0.0	0.0	0.0
Total AWL Not Charged (WYTD) ⁽³⁾					(8.4)
Total AWL Incurred (WYTD)					(8.4)

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
CURRENT MONTH						
Water Usage						
M&I	778.5	76.4	264.1	101.9	0.9	1,221.7
Agricultural	259.5	0.0	22.2	121.2	N/A	402.8
Subtotal Project Water Use	1,038.0	76.4	286.3	223.0	0.9	1,624.6
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	36.4	142.2	29.4	11.0	4.8	223.8
Total Project Water Charge	1,074.4	218.6	315.7	234.0	5.6	1,848.4
WATER YEAR-TO-DATE						
Water Usage						
M&I	4,090.9	1,053.8	1,134.6	777.0	9.8	7,065.9
Agricultural	922.3	0.0	86.1	772.5	N/A	1,780.9
Subtotal Project Water Use	5,013.2	1,053.8	1,220.7	1,549.5	9.8	8,846.8
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	223.3	584.3	135.0	64.8	19.2	1,026.6
Total Project Water Charge (*)	5,236.5	1,638.1	1,355.7	1,614.3	29.0	9,873.5

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

WATER YEAR 19-20 CACHUMA PROJECT ALLOCATION
CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF MAY 2020 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 - 10/1/2019	7,940.5	14,187.8	3,816.2	2,475.7	452.8	28,873.0
Transfers/Adjustment	0.0	0.0	0.0	0.0	0.0	0.0
(-) Project Water Charge (WYTD)	5,236.5	1,638.1	1,355.7	1,614.3	29.0	9,873.5
Balance Carryover Water	2,704.0	12,549.7	2,460.5	861.4	423.8	18,999.5
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	0.0	0.0	0.0
Net Allocation Available Before Adjustments	9,322.0	8,277.0	2,651.0	2,813.0	2,651.0	25,714.0
<u>Adjustments to Net Allocation (WYTD)</u>						
Carryover Balances Spilled	0.0	0.0	0.0	0.0	0.0	0.0
Surplus	0.0	0.0	0.0	0.0	0.0	0.0
State Water Exchange ⁽⁶⁾	118.0	79.0	79.0	53.0	(329.0)	0.0
Transfers/Adjustment - SB/La Cumbre	0.0	(30.0)	0.0	0.0	0.0	(30.0)
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	9,540.0	8,326.0	2,730.0	2,866.0	2,322.0	25,784.0
Total Cachuma Project Water Available	12,244.0	20,875.7	5,190.5	3,727.4	2,745.8	44,783.5

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 10/1/19.
- (6) Per SWP Exchange Agrmt GWD received 73 AF; City of SB received 49 AF; MWD received 49 AF and CVWD received 33 AF from ID#1 in May 2020.
- (7) Transfer per Contract for Exchange Water with Thomas B. Bishop Company and GWD (100 AF)
- (8) Memo only - State Water Deliveries to Lake Cachuma for May was 51 AF.

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **MAY 2020**

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	548.0	Feet
Water in Storage	483.12	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	448.9	Feet
Water in Storage	25.31	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	373.2	Feet
Water in Storage	19.66	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	528.09	AF
	17.53	AF

CACHUMA RESERVOIR

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

Stage of Reservoir Elevation	739.52	Feet
Water in Storage	154,485	AF
Surface Area	2,643	Acres
Evaporation	1,467.4	AF
Inflow	1,736.6	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	289.3	AF
Outlet	806.0	AF
Spill/Seismic Release	0	AF
State Water Project Water	52.40	AF
Change in Storage	-2,315	AF
Tecolote Diversion	1,555.9	AF

Rainfall:	Month: 0.07	Season: 21.04	Percent of Normal: 106%
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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.

COMB STATE WATER PROJECT ACCOUNTING - SOUTH COAST ONLY (Does not include SYRWCD, ID#1 or exchange water)

Month	Total Delivered to Lake per CCWA	CVWD					MWD					CITY OF SB					GWD					LCMWC					RSYS			MLC																
		Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake									
2019																																														
Bal. Frwd						195						283					145						217					120						12					0							
January	1282	197	68	0	1	0	323	296	108	0	1	0	470	296	237	-1	1	0	204	444	131	0	1	0	530	47	46	0	0	0	120	0	0	12	2	2	0									
February	178	38	120	0	1	0	240	56	45	0	1	0	480	0	185	0	1	0	19	84	261	0	1	0	351	0	18	0	0	0	102	0	0	12	0	0										
March	0	0	159	0	1	0	80	0	43	0	2	0	435	0	3	0	0	0	16	0	278	0	2	0	71	0	2	1	0	99	0	0	12	0	0											
April	0	0	79	0	1	0	0	0	175	0	3	0	257	0	15	0	0	0	0	0	71	0	1	0	0	0	5	0	0	94	0	0	12	0	0											
May	0	0	0	0	0	0	0	0	121	0	2	0	134	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	93	0	0	12	0	0											
June	0	0	0	0	0	0	0	0	132	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	0	85	0	0	12	0	0											
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	84	0	0	12	0	0											
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	83	0	0	12	0	0											
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	82	0	0	12	0	0											
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	1	0	12	0	0	12	0	0												
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12	0	0												
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0												
Total	1460	235	427	0	3	0	0	352	624	0	12	0	0	296	441	-1	1	0	0	528	741	0	5	0	0	47	160	7	0	0	0	12	2	2	0											

(*) Adj / Notes:

Month	Total Delivered to Lake per CCWA	CVWD					MWD					CITY OF SB					GWD					LCMWC					RSYS			MLC											
		Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake	Delivered to Lake (+)	Delivered to SC (-)	Loss (-)	Evap / Spill (-)	Adj (*) (+/-)	Stored in Lake				
2020																																									
Bal. Frwd						0						0					0						0					0						12					0		
January	143	0	0	0	0	0	0	0	0	0	0	0	0	0	52	0	0	52	0	0	0	0	0	0	143	12	0	(52)	79	0	0	12	0	0							
February	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	0	0	36	0	0	12	4	4							
March	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	40	0	0	48	4	4	12	2	2								
April	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	54	0	0	24	3	3	12	3	3								
May	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	69	0	0	0	3	3	12	3	3								
June																																									
July																																									
August																																									
September																																									
October																																									
November																																									
December																																									
Total	292	0	0	0	0	0	0	0	0	0	0	0	0	52	0	0	52	0	0	0	0	0	0	0	270	217	1	-52	0	10	10	12	12	12	0						

(*) Adj / Notes:

Total SC Storage at month end (AF): 0

Total Storage at month end (AF): 11

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Goleta Water District**
 Update by COMB 5/31/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	7,940.5	9,322.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	7,940.5	9,322.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
746.4	248.8	995.2	59.4	995.2	1,054.6	783.9	270.6	-
516.4	163.1	679.5	28.0	679.5	707.6	533.7	173.9	-
359.1	49.0	408.1	13.5	408.1	421.5	367.2	54.4	-
332.7	21.2	353.9	15.8	353.9	369.8	341.9	27.9	-
359.2	63.4	422.5	23.0	422.5	445.5	371.9	73.6	-
402.0	65.4	467.5	19.7	467.5	487.2	412.5	74.7	-
596.6	51.9	648.4	27.5	648.4	675.9	610.2	65.7	-
778.5	259.5	1,038.0	36.4	1,038.0	1,074.4	793.9	280.5	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
4,090.9	922.3	5,013.2	223.3	5,013.2	5,236.5	4,215.2	1,021.2	-

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

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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	7,940.5	5,021.4	2,919.1	6,732.0	2,590.0	9,322.0
ID#1 Exch (+45AF)				24.1	20.9	45.0
				-	-	-
				-	-	-
				-	-	-
				-	-	-
Bishop Ranch Exch (+100AF) + ID#1 Exch (+73AF)				135.8	37.2	173.0
				-	-	-
				-	-	-
				-	-	-
				-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
	6,885.9	4,237.5	2,648.5	6,756.1	2,610.9	9,367.0
	6,178.4	3,703.8	2,474.6	6,756.1	2,610.9	9,367.0
	5,756.8	3,336.6	2,420.3	6,756.1	2,610.9	9,367.0
	5,387.1	2,994.7	2,392.4	6,756.1	2,610.9	9,367.0
	4,941.5	2,622.8	2,318.8	6,756.1	2,610.9	9,367.0
	4,454.4	2,210.3	2,244.1	6,756.1	2,610.9	9,367.0
	3,778.4	1,600.1	2,178.3	6,756.1	2,610.9	9,367.0
	2,704.0	806.2	1,897.9	6,891.9	2,648.1	9,540.0

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **12,244.0**

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **City of Santa Barbara**
 Update by COMB 5/31/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	14,187.8	8,277.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	14,187.8	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	-----	Total
111.0	-	111.0	112.7	111.0	223.7	223.7	-	-
133.1	-	133.1	59.5	133.1	192.6	192.6	-	-
112.7	-	112.7	30.9	112.7	143.6	143.6	-	-
72.8	-	72.8	38.6	72.8	111.4	111.4	-	-
251.0	-	251.0	59.5	251.0	310.4	310.4	-	-
154.0	-	154.0	55.0	154.0	209.0	209.0	-	-
142.8	-	142.8	86.0	142.8	228.8	228.8	-	-
76.4	-	76.4	142.2	76.4	218.6	218.6	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1,053.8	-	1,053.8	584.3	1,053.8	1,638.1	1,638.1	-	-

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		
Allocation			Allocation		
Total	M & I	-----	M & I	-----	Total
Begin Bal	14,187.8	-	8,277.0	-	8,277.0
LCMWD Trsfr (-30AF) + ID#1 Exch (+30AF)					
ID#1 Exch (+49AF)			49.0	-	49.0

Month
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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
Allocation			Allocation		
Total	M & I	-----	M & I	-----	Total
13,964.1	13,964.1	-	8,277.0	-	8,277.0
13,771.6	13,771.6	-	8,277.0	-	8,277.0
13,628.0	13,628.0	-	8,277.0	-	8,277.0
13,516.6	13,516.6	-	8,277.0	-	8,277.0
13,206.1	13,206.1	-	8,277.0	-	8,277.0
12,997.1	12,997.1	-	8,277.0	-	8,277.0
12,768.3	12,768.3	-	8,277.0	-	8,277.0
12,549.7	12,549.7	-	8,326.0	-	8,326.0

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 20,876

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Montecito Water District**
 Update by COMB 5/31/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	3,816.2	2,651.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	3,816.2	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	M & I	Agr	Total
252.3	27.4	279.7	29.3	279.7	309.0	275.7	33.3	-	-	-
193.6	17.0	210.6	14.6	210.6	225.2	205.1	20.1	-	-	-
15.7	0.4	16.0	7.4	16.0	23.4	21.4	2.0	-	-	-
66.8	1.5	68.3	9.2	68.3	77.5	74.0	3.5	-	-	-
145.3	10.2	155.5	13.8	155.5	169.3	156.0	13.3	-	-	-
80.9	4.0	84.9	12.4	84.9	97.3	90.4	6.9	-	-	-
115.7	3.5	119.2	19.0	119.2	138.2	130.2	8.0	-	-	-
264.1	22.2	286.3	29.4	286.3	315.7	286.3	29.5	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
1,134.6	86.1	1,220.7	135.0	1,220.7	1,355.7	1,239.1	116.6	-	-	-

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

Month
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	3,816.2	3,041.1	775.1	2,244.0	407.0	2,651.0
ID#1 Exch (+30AF)				16.1	13.9	30.0
				-	-	-
				-	-	-
				-	-	-
				-	-	-
ID#1 Exch (+49AF)				24.0	25.0	49.0
				-	-	-
				-	-	-
				-	-	-
				-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	3,507.2	2,765.4	741.8	2,260.1	420.9	2,681.0
Nov	3,282.0	2,560.3	721.7	2,260.1	420.9	2,681.0
Dec	3,258.6	2,538.9	719.7	2,260.1	420.9	2,681.0
Jan	3,181.1	2,464.9	716.2	2,260.1	420.9	2,681.0
Feb	3,011.8	2,308.9	702.9	2,260.1	420.9	2,681.0
Mar	2,914.5	2,218.5	696.0	2,260.1	420.9	2,681.0
Apr	2,776.2	2,088.3	687.9	2,260.1	420.9	2,681.0
May	2,460.5	1,802.0	658.5	2,284.1	445.9	2,730.0
Jun						
Jul						
Aug						
Sep						

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 5,190.5

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Carpinteria Valley Water District**
 Update by COMB 5/31/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,475.7	2,813.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	2,475.7	2,813.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
166.1	204.2	370.3	18.3	370.3	388.6	174.6	214.0	-
137.8	174.6	312.4	8.3	312.4	320.7	141.6	179.0	-
91.9	50.8	142.7	3.8	142.7	146.5	93.7	52.8	-
67.9	38.5	106.4	4.4	106.4	110.9	69.9	40.9	-
106.0	105.4	211.4	6.2	211.4	217.6	108.8	108.8	-
58.2	48.1	106.3	5.2	106.3	111.5	60.5	51.0	-
47.3	29.6	76.9	7.6	76.9	84.5	50.5	34.0	-
101.9	121.2	223.0	11.0	223.0	234.0	106.4	127.6	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
777.0	772.5	1,549.5	64.8	1,549.5	1,614.3	806.0	808.3	-

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

Month
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	2,475.7	1,150.6	1,325.1	1,400.0	1,413.0	2,813.0
ID#1 Exch (+20AF)				10.7	9.3	20.0
				-	-	-
				-	-	-
				-	-	-
				-	-	-
ID#1 Exch (+33AF)				16.2	16.8	33.0
				-	-	-
				-	-	-
				-	-	-

Month
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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
	2,087.1	976.0	1,111.1	1,410.7	1,422.3	2,833.0
	1,766.5	834.4	932.1	1,410.7	1,422.3	2,833.0
	1,620.0	740.7	879.3	1,410.7	1,422.3	2,833.0
	1,509.1	670.8	838.3	1,410.7	1,422.3	2,833.0
	1,291.5	562.0	729.5	1,410.7	1,422.3	2,833.0
	1,180.0	501.5	678.4	1,410.7	1,422.3	2,833.0
	1,095.5	451.0	644.4	1,410.7	1,422.3	2,833.0
	861.4	344.6	516.8	1,426.9	1,439.1	2,866.0

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,727.4

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**
 Update by COMB 5/31/2020

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	452.8	2,651.0
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	452.8	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
1.8	-	1.8	3.6	1.8	5.4	1.9	3.5	-
1.7	-	1.7	1.9	1.7	3.6	1.7	1.9	-
1.2	-	1.2	1.0	1.2	2.2	1.2	1.0	-
1.2	-	1.2	1.3	1.2	2.5	1.3	1.2	-
1.4	-	1.4	1.9	1.4	3.3	1.4	1.9	-
0.9	-	0.9	1.8	0.9	2.7	0.9	1.8	-
0.8	-	0.8	2.9	0.8	3.7	0.8	2.8	-
0.9	-	0.9	4.8	0.9	5.6	0.9	4.7	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
9.8	-	9.8	19.2	9.8	29.0	10.2	18.8	-

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	452.8	14.8	438.0	935.0	1,716.0	2,651.0
ID#1 Exch (-125AF)				(67.0)	(58.0)	(125.0)
				-	-	-
				-	-	-
				-	-	-
				-	-	-
ID#1 Exch (-204AF)				(100.0)	(104.0)	(204.0)
				-	-	-
				-	-	-
				-	-	-
				-	-	-

Month
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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
County Parks Usage (AF)	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
1.8	447.4	12.9	434.5	868.0	1,658.0	2,526.0
1.7	443.8	11.2	432.7	868.0	1,658.0	2,526.0
1.2	441.7	10.0	431.7	868.0	1,658.0	2,526.0
1.2	439.2	8.7	430.5	868.0	1,658.0	2,526.0
1.4	435.9	7.3	428.6	868.0	1,658.0	2,526.0
0.9	433.2	6.4	426.8	868.0	1,658.0	2,526.0
0.8	429.5	5.6	423.9	868.0	1,658.0	2,526.0
0.9	423.8	4.6	419.2	768.0	1,554.0	2,322.0
-	-					
-	-					
-	-					
-	-					

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 2,745.8

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

Contract Year: 10/1/19 to: 9/30/20

Contract Entity: **Santa Barbara Co. Water Agency**
 Update by COMB 5/31/2020

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	28,873.0	25,714.0	0.0	1,277.6	480.4	1,758.0	223.2	1,758.0	1,981.2	1,459.7	521.5	-	-	-
Nov			0.0	982.6	354.7	1,337.3	112.3	1,337.3	1,449.6	1,074.7	374.8	-	-	-
Dec			0.0	580.5	100.1	680.7	56.5	680.7	737.2	627.1	110.1	-	-	-
Jan			0.0	541.5	61.2	602.8	69.3	602.8	672.1	598.5	73.6	-	-	-
Feb			0.0	862.8	179.0	1,041.7	104.4	1,041.7	1,146.1	948.5	197.6	-	-	-
Mar			0.0	696.1	117.6	813.7	94.1	813.7	907.8	773.4	134.4	-	-	-
Apr			0.0	903.1	85.0	988.1	143.0	988.1	1,131.2	1,020.5	110.6	-	-	-
May			0.0	1,221.7	402.8	1,624.6	223.8	1,624.6	1,848.4	1,406.1	442.3	-	-	-
Jun			-	-	-	-	-	-	-	-	-	-	-	-
Jul			-	-	-	-	-	-	-	-	-	-	-	-
Aug			-	-	-	-	-	-	-	-	-	-	-	-
Sep			-	-	-	-	-	-	-	-	-	-	-	-
Total	28,873.0	25,714.0	0.2	7,065.9	1,780.9	8,846.8	1,026.6	8,846.8	9,873.5	7,908.5	1,965.0	-	-	-

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

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Begin Bal	Total	Allocation		Allocation		
			M & I	Agr	M & I	Agr	
Oct	-	-	-	-	(16.1)	(13.9)	(30.0)
Nov	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-
Jan	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-
May	-	-	-	-	125.0	(25.0)	100.00
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	County Parks Usage (AF)	Total	Allocation		Allocation		
			M & I	Agr	M & I	Agr	
Oct	1.8	26,891.8	21,956.0	4,935.8	19,571.9	6,112.1	25,684.0
Nov	1.7	25,442.2	20,881.2	4,561.0	19,571.9	6,112.1	25,684.0
Dec	1.2	24,705.0	20,254.2	4,450.9	19,571.9	6,112.1	25,684.0
Jan	1.2	24,033.0	19,655.7	4,377.3	19,571.9	6,112.1	25,684.0
Feb	1.4	22,886.9	18,707.2	4,179.7	19,571.9	6,112.1	25,684.0
Mar	0.9	21,979.1	17,933.8	4,045.2	19,571.9	6,112.1	25,684.0
Apr	0.8	20,847.9	16,913.3	3,934.6	19,571.9	6,112.1	25,684.0
May	0.9	18,999.5	15,507.2	3,492.3	19,696.9	6,087.1	25,784.0
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **44,783.5**

CACHUMA DAILY OPERATIONS

Month & Year: June 2020
 Time of Observations: 0830 Evaporation Pan Factor: 82%

Day	Beginning Storage: 154,485			Surface Area	Rainfall		Evaporation		CCWA Inflow	Releases					Computed Inflow	
	Elevation	Storage	Change		inches	acre-feet	inches	acre-feet		Park Diversion	South Coast	Hilton Creek	WR 89-18	Outlet		Spillway
	ft	acre-feet	acre-feet	acres	inches	acre-feet	inches	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet
1	739.49	154,406	(79)	2,642	-		0.160	28.9	-		45.6	9.3		11.0		15.8
2	739.46	154,327	(79)	2,640	-		0.170	30.7	7.6		47.7	9.3		10.0		11.1
3	739.44	154,274	(53)	2,640	-		0.240	43.3	-		48.6	9.3		11.0		59.2
4	739.40	154,169	(105)	2,638	-		0.310	55.9	-		48.5	9.3		11.0		19.7
5	739.37	154,090	(79)	2,637	-		0.302	54.4	-		48.8	9.3		10.0		43.5
6	739.33	153,985	(105)	2,636	-		0.140	25.2	-		50.0	9.3		11.0		(9.5)
7	739.28	153,853	(132)	2,634	-		0.260	46.8	-		48.4	9.3		10.0		(17.5)
8	739.22	153,695	(158)	2,632	-		0.350	63.0	-		49.0	9.3		11.0		(25.7)
9	739.19	153,590	(105)	2,631	-		0.320	57.5	-		50.2	9.3		10.0		22.0
10	739.16	153,538	(52)	2,630	-		0.260	46.7	-		47.5	9.3		11.0		62.5
11	739.12	153,432	(106)	2,629	-		0.300	53.9	17.9		68.3	9.3		10.0		17.6
12	739.05	153,248	(184)	2,626	-		0.450	80.8	-		69.0	9.3		11.0		(13.9)
13	739.01	153,143	(105)	2,625	-		0.320	57.4	-		67.8	9.3		10.0		39.5
14	738.97	153,038	(105)	2,623	-		0.270	48.4	-		68.2	9.3		11.0		31.9
15	738.92	152,906	(132)	2,622	-		0.300	53.7	-		54.7	9.3		11.0		(3.3)
16	738.88	152,801	(105)	2,620	-		0.290	51.9	2.1		50.8	9.3		10.0		14.9
17	738.85	152,722	(79)	2,619	-		0.210	37.6	32.9		50.0	9.3		11.0		(4.0)
18																
19																
20																
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TOTALS		-1763			-	-	4.652	836.1	-	60.5	-	913.1	158.1	-	180.0	-	263.8
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Park Usage Rain Yr. Total



**Santa Barbara County Parks Division,
Cachuma Lake Recreation Area**



**Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: **MAY 2020****

Cachuma Lake Recreation Area Launch Data -- May 2020		
Inspection Data		
Total Vessels entering Park	1027	
Total Vessels launched	1002	
Total Vessels Quarantined	25	
Returning with Boat Launch Tag	718	72%
New: Removed from Quarantine		
Kayak/Canoe: Inspected, launched	284	28%
4-stroke Engines		
2-strokes, w/CARB star ratings		
2-strokes, NO emissions ratings		
Quarantine Data		
Total Vessels Quarantined	25	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	25	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	11	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	25	
Demographic Data		
Quarantined from infected county	11	
Quarantined from SB County	14	
Quarantined from uninfected co	0	

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

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

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

Summary: No Dreissenid mussels were detected

Inspection Site: Cachuma Lake, Santa Barbara County, California

Inspection Date and Time: 2020.05.29; 11:00 a.m. to 1:00 p.m. PDT

Method: 6 PVC/Cement Sampling Stations; 134 linear feet of line

Surveyors: SBCO Parks Employees

Lake elevation: Max feet: 753.00, current 739.6; Max acre-feet: 193,305, current: 154,695;

Current capacity: 80.0%