

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

**3301 Laurel Canyon Road
Santa Barbara, CA 93105**

Monday, July 28, 2014

2:00 P.M.

AGENDA

- 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. Please make your comments from the podium once acknowledged by the President of the Board.)
- 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 June 23, 2014 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
- 4. BOARD COMMITTEE APPOINTMENTS FOR FY 2014-15**
Action: Recommend that the President of the Board make committee appointments for FY 2014-15
 - a. Administrative Committee
 - b. Operations Committee
 - c. Fisheries Committee
 - d. Public Outreach Committee
 - e. Lake Cachuma Oak Tree
 - f. Ad Hoc Drought Contingency Committee
- 5. CONSIDER APPROVAL OF A CONTRACT WITH CALIFORNIA CONSERVATION CORPS**
Action: Recommend Approval by motion and roll call vote of the Board:
- 6. GENERAL MANAGER'S REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
 - USBR Site Inspection (Category 1 – Cross Connection Status)

- NP Elevator Rehabilitation
- Santa Barbara County Drought Task Force (DTF)
- Drought Emergency Pumping Facility Project
 1. Construction Status
 2. Grant Funding
 3. Loan Status
 Budget and expenditure information (Attachment A)

7. 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

8. OPERATIONS DIVISION REPORT

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

- Lake Cachuma Operations
- Operation and Maintenance Activities

9. FISHERIES DIVISION REPORT

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

- LSYR Steelhead Monitoring Elements
- Tributary Project Updates
- Surcharge Water Accounting
- Reporting/Outreach/Training
- Status of USBR Repairs and Upgrades for Hilton Creek Watering System
- Status of RiverWare

10. MONTHLY CACHUMA PROJECT REPORTS

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

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

11. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR NEXT MEETING

12. [CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING LITIGATION

[Government Code Section 54956.9(d)(1)]

Name of case: Andrew Brown and Jessica Brown vs. Cachuma Operation & Maintenance Board, Santa Barbara Superior Court Case No. 1438821

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

Initiation of litigation pursuant to Government Code Section 54956.9(d)(4): one case

14. **[CLOSED SESSION]: SCHEDULED ONE YEAR PERFORMANCE REVIEW**
[Government Code Section 54957 (b)]
Title: General Manager
15. **[CLOSED SESSION] CONFERENCE WITH LABOR NEGOTIATORS**
Agency designated representatives: Board President
Unrepresented Employee: General Manager
16. **RECONVENE INTO OPEN SESSION**
[Government Code Section 54957.7]
Disclosure of actions taken in closed session, as applicable
[Government Code Section 54957.1]
17. **GENERAL MANAGER – MODIFICATION OF GENERAL MANAGER’S SALARY**
Action: At Board’s discretion
18. **MEETING SCHEDULE**
 - **August 25, 2014 at 2:00 P.M., COMB Office**
 - **Board Packages Available on COMB Website**
www.cachuma-board.org
19. **COMB ADJOURNMENT**

NOTICE TO PUBLIC

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

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

Public Comment: Any member of the public may address the Board on any subject within the jurisdiction of the Board 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.

**MINUTES OF A REGULAR MEETING
of the
CACHUMA OPERATION & MAINTENANCE BOARD**

**held at
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, June 23, 2014**

1. Call to Order, Roll Call

The meeting was called to order at 2:05 p.m. by President Lauren Hanson who chaired the meeting. Those in attendance were:

Directors present:

Lauren Hanson	Goleta Water District
Alonzo Orozco	Carpinteria Valley Water District
Doug Morgan	Montecito Water District
Dennis Beebe	SYR Water Conservation District, ID No. 1
Dale Francisco	City of Santa Barbara

Others present:

Randall Ward	Tony Trembley
Janet Gingras	Tim Robinson
Alex Keuper	Sara Bush
Ruth Snodgrass	Matt Naftaly
Tom Fayram	Nicole DiCamillo

2. Public Comment

There were no comments from the public.

3. Consent Agenda

a. Minutes:

May 19, 2014 Regular Board Meeting, June 11, 2014 Special Board Meeting

b. Investment Funds

Financial Report
Investment Report

c. Payment of Claims

Director Beebe moved to approve the consent agenda. Seconded by Director Francisco, passed by a roll call vote 7/0/0:

Ayes: Beebe, Morgan, Orozco, Hanson, Francisco

Nays: None

Abstain: None

Absent: None

4. Fiscal Year 2014-15 Elections and Appointments of Cachuma Operation & Maintenance Board

a. Election of President

Director Beebe nominated Director Hanson to serve as President of the Board for FY 2014-15, passed 7/0/0 by a roll call vote:

Ayes: Beebe, Morgan, Orozco, Hanson, Francisco

Nayes: None

Abstain: None

Absent: None

b. Election of Vice-President

Director Beebe nominated Director Morgan to serve as Vice-President for FY 2014-15, passed 7/0/0 by a roll call vote:

Ayes: Beebe, Morgan, Orozco, Hanson, Francisco

Nayes: None

Abstain: None

Absent: None

Director Morgan moved to retain the same appointments for FY 2014-15 as were made for FY 2013-14, seconded by Director Francisco.

c. Appointment of ACWA/JPIA Representative and Alternate

Director Morgan as Representative and Randall Ward as Alternate

d. Appointment of General Counsel

Tony Trembley – Musick, Peeler & Garret LLP

e. Appointment of Secretary of the Board

Randall Ward, General Manager

f. Appointment of Treasurer and Auditor-Controller

Janet Gingras, Administrative Manager

Passed 7/0/0 by a roll call vote:

Ayes: Beebe, Morgan, Orozco, Hanson, Francisco

Nayes: None

Abstain: None

Absent: None

5. Proposed Annual Resolutions

a. Resolution No. 579 Adopting an Annual Statement of Investment Policy

b. Resolution No. 580 Establishing a Supplemental Account Agreement for Telephone Transfers

c. Resolution No. 581 Authorizing Signatories for Revolving Fund Account at The Bank of Santa Barbara

d. Resolution No. 582 Authorizing Investment of Monies in the Local Agency Investment Fund

e. Resolution No. 583 Establishing a Check Signing Policy for General Fund Account for Payment of Claims

f. Resolution No. 584 Authorizing Signatories for General Fund Account at The Bank of Santa Barbara

g. Resolution No. 585 Establishing a Check Signing Policy for Cachuma Project Trust Fund and Master Contract Renewal Fund Accounts for Payment of Claims

h. Resolution No. 586 Authorizing Signatories for Trust Fund and Renewal Fund Accounts at The Bank of Santa Barbara

i. Resolution No. 587 Establishing Time and Place for Board Meetings

Randall Ward, General Manager, stated that the resolutions are part of the annual organizational meeting. The approval of these resolutions is a basic housekeeping item and is identical to the resolutions presented to the Board in the past. Corrected Resolution No. 584 and 585 were handed out at the Board meeting, the corrections were minor including an incorrect date and a misspelled word.

Director Beebe moved to approve Resolutions No. 579 through No. 587 with corrections to 584 and 585, seconded by Director Francisco, passed 7/0/0 by a roll call vote:

Ayes: Beebe, Morgan, Orozco, Hanson, Francisco

Nays: None

Abstain: None

Absent: None

6. Consider Approval of Proposed FY 2014-15 Budget

The proposed FY 2014-15 Budget had been reviewed by the Administrative Committee and the Board held a budget workshop which provided the opportunity to review and raise questions. Janet Gingras, Administrative Manager, highlighted the direction the Board gave staff during the workshop.

Director Francisco moved to approve the FY 2014-15 Proposed Final Operating budget with discussed modifications, seconded by Director Orozco. Director Francisco amended the motion to approve the FY 2014-15 Budget with modifications to consider the Tri County Fish Team Funding separately; Director Orozco seconded the amended motion, passed 6/1/0 by a roll call vote:

Ayes: Francisco, Morgan, Orozco, Hanson

Nays: Beebe

Abstain: None

Absent: None

Director Francisco moved to approve the Tri County Fish Team Funding, seconded by Director Orozco, passed 5/2/0 by a roll call vote:

Ayes: Francisco, Orozco, Hanson

Nays: Beebe, Morgan

Abstain: None

Absent: None

7. Consider Approval of Scopes of Work/Task Orders for Fisheries Division Related Consultant Work

Included in the board packet were the Scopes of Work/Task Orders for the Fisheries Division related consultant work. Tim Robinson, Fisheries Division Manager, answered questions from the Directors.

Director Morgan moved to approve the Scopes of Work/Task Orders, seconded by Director Francisco, passed 6/1/0 by a roll call vote:

Ayes: Francisco, Morgan Orozco, Hanson

Nayes: Beebe
Abstain: None
Absent: None

8. Consider Approval for Selection of Bartlett Pringle Wolf, LLP to Perform Fiscal Year 2013-14 Audit

Randall Ward, General Manager reported that staff is extremely pleased with the work of Bartlett Pringle Wolf, LLP and for consistency and continuity, staff recommends engaging Bartlett Pringle Wolf, LLP to serve as COMB's outside auditor for FY ending June 30, 2014.

Director Beebe moved to approve the selection of Bartlett Pringle Wolf, LLP to perform the Fiscal Year 2013-14 financial audit, seconded by Director Morgan, passed 7/0/0 by a roll call vote:

Ayes: Beebe, Francisco, Morgan, Orozco, Hanson
Nayes: None
Abstain: None
Absent: None

9. Verbal Reports from Board Committees

a. Lake Cachuma Oak Tree Committee Meeting – May 16, 2014

Director Morgan reported on the May 16, 2014 meeting. The committee discussed the 2 year plan for the Program, the Lakeshore survey and the planting of additional trees, which will not occur until the 3 year drought has been broken by adequate rainfall.

10. General Manager's Report

Randall Ward, General Manager, highlighted the report that was included in the board packet.

11. Progress Report on Lake Cachuma Oak Tree Program

Tim Robinson, Fisheries Division Manager, highlighted the report that was in the board packet.

12. Operations Division Report

Randall Ward, General Manager, reported that the board report describes the activities of the Operations staff for the previous month.

13. Fisheries Division Report

Tim Robinson, Fisheries Division Manager, highlighted his report that was included in the board packet.

14. Monthly Cachuma Project Reports

a. Cachuma Water Reports

The monthly water reports for May 2014 were included in the board packet.

b. Cachuma Reservoir Current Conditions

The Lake Cachuma Daily Operations report through June 17, 2014 was included in the board packet.

c. Lake Cachuma Quagga Survey

The County's summary of Aquatic Invasive Species Inspection Program for May 2014 was included in the board packet.

15. Directors' Requests for Agenda Items for Next Meeting

Provide information for the Directors on reading the water reports that are included in the board packets monthly.

Provide a status report on RiverWare.

16. Meeting Schedule

- The next regular Board meeting will be held July 28, 2014 at 2:00 p.m.
- The Agendas and Board Packets are available on the COMB website, www.cachuma-board.org

14. COMB Adjournment

There being no further business, the meeting was adjourned at 3:51 p.m.

Respectfully submitted,

Randall Ward, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

<i>Approved -</i>
<i>Unapproved - X</i>

7/21/2014

Accrual Basis

COMB
Statement of Net Assets
As of June 30, 2014

ASSETS

Current Assets

Checking/Savings

TRUST FUNDS

1210 · WARREN ACT TRUST FUND 305,516.35

1220 · RENEWAL FUND 10,215.39

Total TRUST FUNDS 315,731.74

1050 · GENERAL FUND 1,852,499.81

1100 · REVOLVING FUND 68,241.51

Total Checking/Savings 2,236,473.06

Other Current Assets

1010 · PETTY CASH 500.00

1200 · LAIF 3,893.09

1303 · Bradbury SOD Act Assmnts Rec 74,323.00

1304 · Lauro Dam SOD Assesmnt Rec 13,216.00

1305 · ACCRUED INTEREST RECEIVABLE 2.36

1310 · MISC RECEIVABLES 12,166.52

1400 · PREPAID INSURANCE 18,211.72

Total Other Current Assets 122,312.69

Total Current Assets 2,358,785.75

Fixed Assets

1500 · VEHICLES 431,604.76

1505 · OFFICE FURN & EQUIPMENT 398,704.81

1510 · MOBILE OFFICES 97,803.34

1515 · FIELD EQUIPMENT 503,755.12

1525 · PAVING 38,351.00

1550 · ACCUMULATED DEPRECIATION -1,271,343.88

Total Fixed Assets 198,875.15

Other Assets

1910 · LT Bradbury SOD Act Assess Rec 5,412,718.07

1920 · LT Lauro SOD Act Assess Rec 968,607.00

Total Other Assets 6,381,325.07

TOTAL ASSETS 8,938,985.97

7/21/2014

Accrual Basis

COMB
Statement of Net Assets
As of June 30, 2014

LIABILITIES & NET ASSETS

Liabilities

Current Liabilities

Accounts Payable

2200 · ACCOUNTS PAYABLE

366,929.32

Total Accounts Payable

366,929.32

Other Current Liabilities

Payroll-DepPrm Admin

6.93

Payroll-DepPrm FD

6.93

Payroll-DepPrm Ops

1,668.09

2550 · VACATION/SICK

98,242.62

2561 · BRADBURY DAM SOD ACT

74,323.64

2563 · LAURO DAM SOD ACT

13,216.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

315,731.74

Total Other Current Liabilities

590,205.47

Total Current Liabilities

957,134.79

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury

5,412,718.07

2603 · LT SOD Act Liability - Lauro

968,607.00

2604 · OPEB LT Liability

432,462.00

Total Long Term Liabilities

6,813,787.07

Total Liabilities

7,770,921.86

NET POSITION

3901 · Retained Net Assets

281,767.71

Net Income

886,296.40

Total Net Assets

1,168,064.11

TOTAL LIABILITIES & NET POSITION

8,938,985.97

comb2
Statement of Revenues and Expenditures
 Budget vs. Actuals July 2013 - Jun 2014

7/21/14
 Actual Basis

	Fisheries			Operations			TOTAL		
	Jul '13 - Jun 14	\$ Over Budget	% of Budget	Jul '13 - Jun 14	\$ Over Budget	% of Budget	Jul '13 - Jun 14	\$ Over Budget	% of Budget
Income									
3000 REVENUE	1,063,520.32	-1,278.68	99.9%	2,358,094.60	2,358,123.00	100.0%	3,421,614.92	3,422,922.00	100.0%
3001 - O&M Budget (Qtrly Assessments)	0.00	0.00	100.0%	904,000.01	904,000.00	100.0%	904,000.01	904,000.00	100.0%
3002 - Drought Contingency Reve Fund	16,555.00	0.00	100.0%	0.00	0.00	0.0%	16,555.00	16,555.00	100.0%
3006 - Warren Act	242,912.00	0.00	100.0%	0.00	0.00	0.0%	242,912.00	242,912.00	100.0%
3007 - Renewal Fund	0.00	0.00	100.0%	401.36	401.36	100.0%	401.36	401.36	100.0%
3010 - Interest Income	0.00	0.00	100.0%	2,141.98	2,141.98	100.0%	2,141.98	2,141.98	100.0%
3020 - Misc Income	150,000.00	0.00	100.0%	0.00	0.00	0.0%	150,000.00	150,000.00	100.0%
3026 - Quiota Crk X1-CW Cons Bnd	521,141.00	0.00	100.0%	0.00	0.00	0.0%	521,141.00	521,141.00	100.0%
3027 - Quiota Crk X1-CDFEG Grant	90,000.00	0.00	100.0%	0.00	0.00	0.0%	90,000.00	90,000.00	100.0%
3035 - Cachuwa Project Betterment Fund	2,084,128.32	-1,278.68	99.9%	3,264,637.95	3,262,123.00	100.1%	5,348,766.27	5,347,530.00	100.0%
Total 3000 REVENUE	2,084,128.32	-1,278.68	99.9%	3,264,637.95	3,262,123.00	100.1%	5,348,766.27	5,347,530.00	100.0%
Total Income	2,084,128.32	-1,278.68	99.9%	3,264,637.95	3,262,123.00	100.1%	5,348,766.27	5,347,530.00	100.0%
Gross Profit	2,084,128.32	-1,278.68	99.9%	3,264,637.95	3,262,123.00	100.1%	5,348,766.27	5,347,530.00	100.0%
Expense									
PAYROLL	-0.10	0.10	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3100 - LABOR - OPERATIONS	0.00	0.00	0.0%	679,410.38	821,947.00	82.7%	679,410.38	821,947.00	82.7%
3200 - VEH & EQUIPMENT	0.00	0.00	0.0%	29,265.76	30,000.00	97.6%	29,265.76	30,000.00	97.6%
3201 - Vehicle/Equip Mtce	0.00	0.00	0.0%	1,386.68	15,000.00	9.2%	1,386.68	15,000.00	9.2%
3202 - Fixed Capital	0.00	0.00	0.0%	4,551.12	5,000.00	91.0%	4,551.12	5,000.00	91.0%
3203 - Equipment Rental	0.00	0.00	0.0%	4,399.00	5,000.00	88.0%	4,399.00	5,000.00	88.0%
3204 - Miscellaneous	0.00	0.00	0.0%	39,602.56	55,000.00	72.0%	39,602.56	55,000.00	72.0%
Total 3200 VEH & EQUIPMENT	0.00	0.00	0.0%	39,602.56	55,000.00	72.0%	39,602.56	55,000.00	72.0%
3300 - CONTRACT LABOR	0.00	0.00	0.0%	19,767.91	20,000.00	98.8%	19,767.91	20,000.00	98.8%
3301 - Conduit, Meter, Valve & Misc	0.00	0.00	0.0%	17,480.14	20,000.00	87.4%	17,480.14	20,000.00	87.4%
3302 - Buildings & Roads	0.00	0.00	0.0%	12,218.00	10,000.00	122.2%	12,218.00	10,000.00	122.2%
3303 - Reservoirs	0.00	0.00	0.0%	9,000.00	10,000.00	90.0%	9,000.00	10,000.00	90.0%
3304 - Engineering, Misc Services	0.00	0.00	0.0%	58,466.05	60,000.00	97.4%	58,466.05	60,000.00	97.4%
Total 3300 - CONTRACT LABOR	0.00	0.00	0.0%	58,466.05	60,000.00	97.4%	58,466.05	60,000.00	97.4%
3400 - MATERIALS & SUPPLIES	0.00	0.00	0.0%	19,041.49	25,000.00	76.2%	19,041.49	25,000.00	76.2%
3401 - Conduit, Meter, Valve & Misc	0.00	0.00	0.0%	8,372.64	15,000.00	55.8%	8,372.64	15,000.00	55.8%
3402 - Buildings & Roads	0.00	0.00	0.0%	4,415.21	10,000.00	44.2%	4,415.21	10,000.00	44.2%
3403 - Reservoirs	0.00	0.00	0.0%	31,829.34	50,000.00	63.7%	31,829.34	50,000.00	63.7%
Total 3400 - MATERIALS & SUPPLIES	0.00	0.00	0.0%	31,829.34	50,000.00	63.7%	31,829.34	50,000.00	63.7%
3500 - OTHER EXPENSES	0.00	0.00	0.0%	6,475.05	7,000.00	92.5%	6,475.05	7,000.00	92.5%
3501 - Utilities	0.00	0.00	0.0%	4,671.30	6,000.00	77.9%	4,671.30	6,000.00	77.9%
3502 - Uniforms	0.00	0.00	0.0%	18,072.08	18,000.00	100.4%	18,072.08	18,000.00	100.4%
3503 - Communications	0.00	0.00	0.0%	1,598.16	4,000.00	40.0%	1,598.16	4,000.00	40.0%
3504 - USA & Other Services	0.00	0.00	0.0%	14,697.05	8,000.00	183.7%	14,697.05	8,000.00	183.7%
3505 - Miscellaneous	0.00	0.00	0.0%	3,346.32	3,000.00	111.5%	3,346.32	3,000.00	111.5%
3506 - Training	0.00	0.00	0.0%	48,859.96	46,000.00	106.2%	48,859.96	46,000.00	106.2%
Total 3500 - OTHER EXPENSES	0.00	0.00	0.0%	48,859.96	46,000.00	106.2%	48,859.96	46,000.00	106.2%
4000 - Reconciliation Discrepancies	0.00	0.00	0.0%	-0.01	0.00	-0.0%	-0.01	0.00	0.0%
4100 - LABOR - FISHERIES	93,580.62	-11,476.38	89.1%	0.00	0.00	0.0%	93,580.62	105,057.00	89.1%
4101 - Senior Resource Scientist	97,459.06	2,617.06	102.8%	0.00	0.00	0.0%	97,459.06	97,459.00	102.8%
4102 - Project Biologist	80,496.19	3,637.19	104.7%	0.00	0.00	0.0%	80,496.19	76,859.00	104.7%
4103 - Biologist	34,013.81	-20,986.19	61.8%	0.00	0.00	0.0%	34,013.81	55,000.00	61.8%
4104 - Oak Tree Program	4,537.00	-217.00	95.4%	0.00	0.00	0.0%	4,537.00	4,754.00	95.4%
4114 - Seasonal Aide - JG	2,395.25	-2,357.75	108.1%	0.00	0.00	0.0%	2,395.25	4,754.00	50.4%
4115 - Seasonal Aide - RK	5,135.70	382.70	108.1%	0.00	0.00	0.0%	5,135.70	4,753.00	108.1%
4116 - Seasonal Aide - DR	5,061.63	308.63	106.5%	0.00	0.00	0.0%	5,061.63	4,753.00	106.5%
4117 - Seasonal Aide - BJ	0.00	-4,753.00	0.0%	0.00	0.00	0.0%	0.00	4,753.00	0.0%
4118 - Seasonal Aide	0.00	-4,753.00	0.0%	0.00	0.00	0.0%	0.00	4,753.00	0.0%
4119 - Seasonal Aide	80,203.19	-11,898.81	87.1%	0.00	0.00	0.0%	80,203.19	92,102.00	87.1%
4150 - FD Health & WC	52,293.02	-1,674.98	96.9%	0.00	0.00	0.0%	52,293.02	53,968.00	96.9%
4151 - FD PERS	21,824.27	-512.73	97.7%	0.00	0.00	0.0%	21,824.27	22,337.00	97.7%
4152 - FD Co FICA	5,104.04	-119.96	97.7%	0.00	0.00	0.0%	5,104.04	5,224.00	97.7%
4153 - FD Co Medicare	482,104.78	-51,804.22	90.3%	0.00	0.00	0.0%	482,104.78	533,909.00	90.3%
Total 4100 - LABOR - FISHERIES	482,104.78	-51,804.22	90.3%	0.00	0.00	0.0%	482,104.78	533,909.00	90.3%

comb2
Statement of Revenues and Expenditures
 Budget vs. Actuals July 2013 - Jun 2014

7/21/14 11:11 AM
 Accrual Basis

	Fisheseries			Operations			TOTAL		
	Jul '13 - Jun 14	Budget	% of Budget	Jul '13 - Jun 14	Budget	% of Budget	Jul '13 - Jun 14	Budget	% of Budget
4200 - VEHICLES & EQUIP - FISHERIES									
4270 - Vehicle/Equip Mite	14,009.83	13,000.00	107.8%	0.00	0.00	0.00	14,009.83	13,000.00	107.8%
4280 - Fixed Capital	11,046.69	52,300.00	21.1%	0.00	0.00	0.00	11,046.69	52,300.00	21.1%
4290 - Miscellaneous	1,236.85	2,500.00	49.5%	0.00	0.00	0.00	1,236.85	2,500.00	49.5%
Total 4200 - VEHICLES & EQUIP - FISHERIES	26,293.37	67,800.00	38.8%	0.00	0.00	0.00	26,293.37	67,800.00	38.8%
4220 - CONTRACT LABOR - FISHERIES									
4221 - Meters & Valves	3,766.88	3,000.00	125.6%	0.00	0.00	0.00	3,766.88	3,000.00	125.6%
4222 - Fish Projects Maintenance	11,976.49	13,000.00	92.1%	0.00	0.00	0.00	11,976.49	13,000.00	92.1%
Total 4220 - CONTRACT LABOR - FISHERIES	15,743.37	16,000.00	98.4%	0.00	0.00	0.00	15,743.37	16,000.00	98.4%
4300 - MATERIALS/SUPPLIES - FISHERIES									
4390 - Miscellaneous	3,429.45	15,350.00	22.3%	0.00	0.00	0.00	3,429.45	15,350.00	22.3%
Total 4300 - MATERIALS/SUPPLIES - FISHERIES	3,429.45	15,350.00	22.3%	0.00	0.00	0.00	3,429.45	15,350.00	22.3%
4500 - OTHER EXPENSES - FISHERIES									
4502 - Uniforms	1,851.64	2,500.00	74.1%	0.00	0.00	0.00	1,851.64	2,500.00	74.1%
Total 4500 - OTHER EXPENSES - FISHERIES	1,851.64	2,500.00	74.1%	0.00	0.00	0.00	1,851.64	2,500.00	74.1%
4999 - GENERAL & ADMINISTRATIVE									
5000 - Director Fees									
5001 - Director Mileage	0.00	0.00		824.80	2,000.00	41.2%	824.80	2,000.00	41.2%
5000 - Director Fees - Other	0.00	0.00		9,523.50	11,000.00	86.6%	9,523.50	11,000.00	86.6%
Total 5000 - Director Fees	0.00	0.00		10,348.30	13,000.00	79.6%	10,348.30	13,000.00	79.6%
5100 - Legal									
5101 - Audit	0.00	0.00		79,753.51	100,000.00	79.8%	79,753.51	100,000.00	79.8%
5150 - Unemployment Tax	0.00	0.00		13,607.75	11,700.00	116.3%	13,607.75	11,700.00	116.3%
5200 - Liability Insurance	0.00	0.00		7,649.90	25,000.00	30.6%	7,649.90	25,000.00	30.6%
5201 - Health & Workers Comp	0.00	0.00		32,930.40	42,705.00	77.1%	32,930.40	42,705.00	77.1%
5250 - PERS	0.00	0.00		156,335.33	178,241.00	87.7%	156,335.33	178,241.00	87.7%
5260 - Company FICA Admin	0.00	0.00		56,007.49	59,642.00	93.9%	56,007.49	59,642.00	93.9%
5265 - Company MCARE Admin	0.00	0.00		19,939.58	18,963.00	105.1%	19,939.58	18,963.00	105.1%
5300 - Manager Salary	0.00	0.00		4,791.37	4,435.00	108.0%	4,791.37	4,435.00	108.0%
5301 - Administrative Manager	0.00	0.00		98,600.00	117,000.00	84.3%	98,600.00	117,000.00	84.3%
5304 - Administrative Secretary	0.00	0.00		69,329.02	71,770.00	96.6%	69,329.02	71,770.00	96.6%
5306 - Administrative Assistant	0.00	0.00		37,835.28	37,447.00	101.0%	37,835.28	37,447.00	101.0%
5307 - Water Resources Technician	0.00	0.00		43,536.76	40,302.00	108.0%	43,536.76	40,302.00	108.0%
5310 - Postage/Office Exp	0.00	0.00		41,017.85	39,338.00	104.3%	41,017.85	39,338.00	104.3%
5312 - Misc Admin Expenses	0.00	0.00		7,140.66	9,691.00	73.7%	7,140.66	9,691.00	73.7%
5313 - Communications	0.00	0.00		9,501.05	10,790.00	88.1%	9,501.05	10,790.00	88.1%
5314 - Utilities	0.00	0.00		7,104.52	7,985.00	88.9%	7,104.52	7,985.00	88.9%
5315 - Membership Dues	0.00	0.00		8,964.97	9,737.00	92.1%	8,964.97	9,737.00	92.1%
5316 - Admin Fixed Assets	0.00	0.00		6,454.75	6,425.00	100.5%	6,454.75	6,425.00	100.5%
5318 - Computer Consultant	0.00	0.00		1,530.37	4,000.00	38.3%	1,530.37	4,000.00	38.3%
5325 - Emp Training/Subscriptions	0.00	0.00		17,827.41	16,625.00	107.2%	17,827.41	16,625.00	107.2%
5330 - Admin Travel/Conferences	0.00	0.00		322.10	2,000.00	16.1%	322.10	2,000.00	16.1%
5331 - Public Information	0.00	0.00		1,862.70	2,000.00	93.1%	1,862.70	2,000.00	93.1%
Total 4999 - GENERAL & ADMINISTRATIVE	0.00	0.00		741,721.41	838,906.00	88.4%	741,721.41	838,906.00	88.4%
5400 - GENERAL & ADMIN - FISHERIES									
5401 - Health & Workers Comp.	41,261.26	44,671.00	92.4%	0.00	0.00	0.00	41,261.26	44,671.00	92.4%
5403 - Company Fica	30,157.95	32,115.00	93.9%	0.00	0.00	0.00	30,157.95	32,115.00	93.9%
5404 - Admin Secretary	10,736.93	10,210.00	105.2%	0.00	0.00	0.00	10,736.93	10,210.00	105.2%
5405 - GIM Salary	20,372.83	20,163.00	101.0%	0.00	0.00	0.00	20,372.83	20,163.00	101.0%
5406 - Company MCare	53,092.28	63,000.00	84.3%	0.00	0.00	0.00	53,092.28	63,000.00	84.3%
5407 - Legal - FD	2,580.04	2,389.00	108.0%	0.00	0.00	0.00	2,580.04	2,389.00	108.0%
5408 - Administrative Manager	24,990.00	25,000.00	100.0%	0.00	0.00	0.00	24,990.00	25,000.00	100.0%
5409 - Administrative Assistant	37,331.15	38,646.00	96.6%	0.00	0.00	0.00	37,331.15	38,646.00	96.6%
5410 - Postage / Office Supplies	23,442.86	21,701.00	108.0%	0.00	0.00	0.00	23,442.86	21,701.00	108.0%
5411 - Office Equipment / Leases	4,305.13	4,900.00	87.9%	0.00	0.00	0.00	4,305.13	4,900.00	87.9%
5412 - Misc. Admin Expense	3,844.80	5,218.00	73.7%	0.00	0.00	0.00	3,844.80	5,218.00	73.7%
5413 - Communications	4,681.25	5,810.00	80.6%	0.00	0.00	0.00	4,681.25	5,810.00	80.6%
5414 - Utilities	4,382.29	4,305.00	101.8%	0.00	0.00	0.00	4,382.29	4,305.00	101.8%
5415 - Membership Dues	4,827.27	5,243.00	92.1%	0.00	0.00	0.00	4,827.27	5,243.00	92.1%
Total 5400 - GENERAL & ADMIN - FISHERIES	3,343.25	2,900.00	115.3%	0.00	0.00	0.00	3,343.25	2,900.00	115.3%

	Fisheries			Operations			TOTAL		
	Jul '13 - Jun 14	Budget	% of Budget	Jul '13 - Jun 14	Budget	% of Budget	Jul '13 - Jun 14	Budget	% of Budget
5416 - Admin Fixed Assets	3,366.00	4,000.00	84.7%	0.00	0.00		3,366.00	4,000.00	84.7%
5418 - Computer Consultant	10,194.05	9,000.00	113.3%	0.00	0.00		10,194.05	9,000.00	113.3%
5425 - Employee Education/Subscription	710.65	2,500.00	28.4%	0.00	0.00		710.65	2,500.00	28.4%
5426 - Director Fees	5,186.50	6,000.00	86.4%	0.00	0.00		5,186.50	6,000.00	86.4%
5427 - Director Mileage	453.57	1,000.00	45.4%	0.00	0.00		453.57	1,000.00	45.4%
5430 - Travel	1,596.30	2,500.00	63.9%	0.00	0.00		1,596.30	2,500.00	63.9%
5431 - Public Information	1,722.68	1,500.00	114.8%	0.00	0.00		1,722.68	1,500.00	114.8%
5441 - Audit	7,327.25	6,300.00	116.3%	0.00	0.00		7,327.25	6,300.00	116.3%
5443 - Liab & Property Ins	17,731.60	21,595.00	82.1%	0.00	0.00		17,731.60	21,595.00	82.1%
5450 - Water Resources Technician	22,094.71	21,182.00	104.3%	0.00	0.00		22,094.71	21,182.00	104.3%
Total 5400 - GENERAL & ADMIN - FISHERIES	339,752.60	361,848.00	93.9%	0.00	0.00		339,752.60	361,848.00	93.9%
5510 - Integrated Reg. Water Mgt Plan	0.00	0.00		4,952.00	5,000.00	99.0%	4,952.00	5,000.00	99.0%
6000 - SPECIAL PROJECTS									
6062 - SCADA	0.00	0.00		4,995.30	30,000.00	16.7%	4,995.30	30,000.00	16.7%
6090 - COMB Office Building	0.00	0.00		872.63	20,000.00	4.4%	872.63	20,000.00	4.4%
6096 - SCC Structure Rehabilitation	0.00	0.00		3,285.00	111,270.00	3.0%	3,285.00	111,270.00	3.0%
6097 - GIS and Mapping	0.00	0.00		10,544.19	10,000.00	105.4%	10,544.19	10,000.00	105.4%
6105 - ROW Management Program	0.00	0.00		0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
6107-1 - North Portal Elevator Reha - UF	0.00	0.00		0.00	-25,000.00	0.0%	0.00	-25,000.00	0.0%
6107 - North Portal Elevator Rehab	0.00	0.00		48,453.22	325,000.00	14.9%	48,453.22	325,000.00	14.9%
6108 - Drought Contingency Planning	0.00	0.00		298,289.44	382,000.00	78.1%	298,289.44	382,000.00	78.1%
6108-1 - Drought Contingency Planning UF	0.00	0.00		0.00	-82,000.00	0.0%	0.00	-82,000.00	0.0%
6120 - Emergency Pumping Fac Project	0.00	0.00		609,642.81	604,000.00	100.9%	609,642.81	604,000.00	100.9%
Total 6000 - SPECIAL PROJECTS	0.00	0.00		976,082.59	1,385,270.00	70.5%	976,082.59	1,385,270.00	70.5%
6200 - FISHERIES ACTIVITIES									
6201 - FMP Implementation	24,742.09	105,000.00	23.6%	0.00	0.00		24,742.09	105,000.00	23.6%
6202 - GIS and Mapping	7,771.43	10,000.00	77.7%	0.00	0.00		7,771.43	10,000.00	77.7%
6203 - Grants Technical Support	0.00	10,000.00	0.0%	0.00	0.00		0.00	10,000.00	0.0%
6204 - SYR Hydrology Technical Support	7,509.64	10,000.00	75.1%	0.00	0.00		7,509.64	10,000.00	75.1%
6205 - USGS Stream Gauge Program	74,150.00	75,000.00	98.9%	0.00	0.00		74,150.00	75,000.00	98.9%
6206 - Tri County Fish Team Funding	5,000.00	5,000.00	100.0%	0.00	0.00		5,000.00	5,000.00	100.0%
6207 - Oak Tree Restoration Program	4,134.49	25,000.00	16.5%	0.00	0.00		4,134.49	25,000.00	16.5%
6211 - SYR RiverWare Model Use	0.00	5,000.00	0.0%	0.00	0.00		0.00	5,000.00	0.0%
Total 6200 - FISHERIES ACTIVITIES	123,307.65	245,000.00	50.3%	0.00	0.00		123,307.65	245,000.00	50.3%
6300 - HABITAT ENHANCEMENT									
6303 - Tributary Projects Support	2,961.62	3,000.00	98.7%	0.00	0.00		2,961.62	3,000.00	98.7%
6304 - Engineering Designs - QC	67,797.56	70,000.00	96.9%	0.00	0.00		67,797.56	70,000.00	96.9%
6309 - Quinoa Creek Crossing #1	799,224.94	770,000.00	103.8%	0.00	0.00		799,224.94	770,000.00	103.8%
6311 - Cattle Exclusionary Fencing	19,078.61	0.00	100.0%	0.00	0.00		19,078.61	0.00	100.0%
Total 6300 - HABITAT ENHANCEMENT	869,062.73	843,000.00	105.5%	0.00	0.00		869,062.73	843,000.00	105.5%
Total Expense	1,881,545.49	2,085,407.00	90.2%	2,560,924.38	3,262,123.00	79.1%	4,442,469.87	5,347,530.00	83.4%
Net Income	202,582.83	0.00	100.0%	683,713.57	0.00	100.0%	886,296.40	0.00	100.0%

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

www.treasurer.ca.gov/pmia-laif
July 02, 2014

CACHUMA OPERATION AND MAINTENANCE BOARD

GENERAL MANAGER
3301 LAUREL CANYON ROAD
SANTA BARBARA, CA 93105-2017

PMIA Average Monthly Yields

Tran Type Definitions

June 2014 Statement

Account Summary

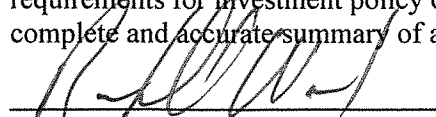
Total Deposit:	0.00	Beginning Balance:	3,890.94
Total Withdrawal:	0.00	Ending Balance:	3,890.94

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Randall Ward, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of June, 2014, 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 LAIF investments of this agency for the period indicated.


Secretary



STATEMENT OF ACCOUNTS

UNION BANK
LOCAL GOVERNMENT CENTRAL COAST 0986
PO BOX 513840
LOS ANGELES CA 90051-3840

Page 1 of 2
CACHUMA OPERATION & MAINTENANC
Statement Number: 0102335072
5/31/14 - 6/30/14

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Customer Inquiries
800.798.6466

Thank you for banking with us
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CY30M 210000 0002273-004545 410286
CACHUMA OPERATION & MAINTENANCE BOARD
MASTER CONTRACT RENEWAL FUND
3301 LAUREL CANYON RD
SANTA BARBARA CA 93105-2017

■ We want to notify you that on July 1, 2014, Union Bank's parent will consolidate its operations in the United States and rename the FDIC-insured legal entity MUFG Union Bank, N.A. The Union Bank brand - a part of MUFG and its predecessor companies for over 20 years - will not change, nor will the way we do business together. There are no actions you need to take. For more information, visit unionbank.com/mufgunionbank.

BUSINESS ESSENTIALS INTEREST CHK SUMMARY

Days in statement period: 31					
Beginning balance on 5/31	\$		41,757.73	Interest	
Total Credits			0.18	Paid this period	\$ 0.18
Other credits and adjustments (1)		0.18		Paid year-to-date	\$ 15.85
Total Debits			-22,000.00	Interest Rates	
Checks paid (2)		-22,000.00		5/31/14-6/30/14	0.01 %
Ending Balance on 6/30	\$		19,757.91		

C R E D I T S

Other credits and adjustments

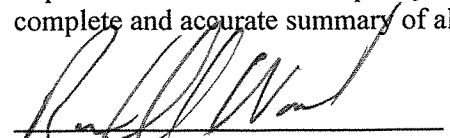
Date	Description	Reference	Amount
6/30	INTEREST PAYMENT		\$ 0.18 ✓

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Randall Ward, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of June, 2014, 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 Union Bank investments of this agency for the period indicated.


Secretary



STATEMENT OF ACCOUNTS

UNION BANK
LOCAL GOVERNMENT CENTRAL COAST 0986
PO BOX 513840
LOS ANGELES CA 90051-3840

Page 1 of 1
CACHUMA OPERATION & MAINTENANC

Statement Number: 0102335080

5/31/14 - 6/30/14

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CY30 MZ O B 0000 0169200-200158 410094
CACHUMA OPERATION & MAINTENANCE BOARD
CACHUMA PROJECT TRUST FUND
3301 LAUREL CANYON RD
SANTA BARBARA CA 93105-2017

■ We want to notify you that on July 1, 2014, Union Bank's parent will consolidate its operations in the United States and rename the FDIC-insured legal entity MUFG Union Bank, N.A. The Union Bank brand - a part of MUFG and its predecessor companies for over 20 years - will not change, nor will the way we do business together. There are no actions you need to take. For more information, visit unionbank.com/mufgunionbank.

BUSINESS MONEYMARKET ACCOUNT SUMMARY

Days in statement period: 31

Beginning balance on 5/31	\$		305,476.92	Interest		
Total Credits			39.43	Paid this period	\$	39.43
Other credits and adjustments (1)		39.43		Paid year-to-date	\$	143.79
Total Debits			0.00	Interest Rates		
Ending Balance on 6/30	\$		305,516.35	5/31/14-6/30/14		0.15%

C R E D I T S

Other credits and adjustments

Date	Description	Reference	Amount
6/30	INTEREST PAYMENT		\$ 39.43 ✓

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Randall Ward, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of June, 2014, 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 Union Bank investments of this agency for the period indicated.

Secretary

comb2
Payment of Claims
As of June 30, 2014

Date	Num	Name	Memo	Amount
1050 · GENERAL FUND				
06/03/2014	22747	COMB-Petty Cash	Replenish Petty Cash	-391.30
06/10/2014	22748	A-OK Power Equipment	Generator (FD)/weed wacker replacement parts	-186.52
06/10/2014	22749	A.T.Z. Monogramming	COMB logo for uniforms	-214.65
06/10/2014	22750	Acorn Landscape Management Co.	Scheduled mtce-Lauro yard	-260.77
06/10/2014	22751	Alonzo Orozco	May mtg fees	-256.00
06/10/2014	22752	AT&T	May charges	-496.19
06/10/2014	22753	Central Elevator Services	NP elevator stop switch/governor adjust/hoist way replace	-4,790.54
06/10/2014	22754	City of Santa-Barbara	Trash/Recycle-May 2014	-212.95
06/10/2014	22755	Coastal Copy, LP	Copier mtce agmt	-539.88
06/10/2014	22756	Cox Communications	Business internet-Jun	-195.00
06/10/2014	22757	Culligan Water	Monthly RO system	-24.95
06/10/2014	22758	Dal Pozzo Tire Corp.	Backhoe tire	-60.00
06/10/2014	22759	Dale Francisco	May mtg fees	-397.92
06/10/2014	22760	Dave Stewart	Reimb-Steel toe safety boots	-175.00
06/10/2014	22761	Dennis E. Beebe	May mtg fees	-639.03
06/10/2014	22762	Department of Public Health	D3 exam fee-(SK)	-100.00
06/10/2014	22763	ECHO Communications	Monthly answering service	-63.20
06/10/2014	22764	Farm Supply Company	Panels/materials-Cattle Fencing project	-2,332.58
06/10/2014	22765	Fence Factory	Materials-Cattle Fencing project	-563.76
06/10/2014	22766	Fluidigm Corporation	BioMark Dynamic Array chip-Genotyping	-15,037.50
06/10/2014	22767	GE Capital	Copier lease agmt	-133.92
06/10/2014	22768	Harrison Hardware	Thermograph deployment mat/supp; Oak tree supp	-49.85
06/10/2014	22769	Hydrex Pest Control Co.	Pest service-Lauro yard	-108.00
06/10/2014	22770	J&C Services	Ofc cleaning services 5/9, 16, 23, 30	-600.00
06/10/2014	22771	Joshua Smith	Reimb-Steel toe safety boots/Water science class	-266.99
06/10/2014	22772	Lauren W. Hanson	May mtg fees	-668.00
06/10/2014	22773	MarBorg Industries	Portable toilets/roll off-Glen Anne (green waste)	-1,481.13
06/10/2014	22774	Milpas Rental	Chipper	-539.30
06/10/2014	22775	Musick, Peeler & Garrett LLP	General Counsel-Apr	-37,872.40
06/10/2014	22776	O'Reilly Automotive, Inc.	Wiper blades	-9.70
06/10/2014	22777	Paychex, Inc.	5/9, 23 payrolls/taxes/deliveries	-314.24
06/10/2014	22778	Powell Garage	Explorer-mtce/wheel bearing replace	-417.08
06/10/2014	22779	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-65.25
06/10/2014	22780	Prudential Overall Supply	Mats/scrapers-May	-104.12
06/10/2014	22781	Quinn Company	Generator (NP/Lauro) annual load bank & service	-3,506.48
06/10/2014	22782	Rauch Communication Consultants, LLC	Website mtce-update Modx program	-42.50
06/10/2014	22783	Reed Mechanical Systems, Inc.	Lauro Res tunnel air duct replacement	-25,800.00
06/10/2014	22784	Southern California Edison	Main ofc/outlying stations	-1,352.43
06/10/2014	22785	Tri-Co Reprographics	Misc copies-intake tower	-5.40
06/10/2014	22786	Underground Service Alert of So. Calif.	54 Ticket charges	-81.00
06/10/2014	22787	Verizon California	Main ofc/outlying stations	-503.51
06/10/2014	22788	Verizon Wireless	Modems	-152.06
06/10/2014	22789	W. Douglas Morgan	May mtg fees	-556.80
06/10/2014	22790	Wright Express Fleet Services	Fleet fuel	-2,747.38
06/11/2014	22791	PG&E	PM # 31073949 (Emergency Pumping project)	-107,370.37
06/27/2014	22792	Department of Public Health	D3 exam fee-(DF)	-100.00
06/30/2014	22793	Cushman Contracting Corp.	Emergency Pumping System: Pay Req#2A	-95,000.00
Total 1050 · GENERAL FUND				<u>-306,785.65</u>
TOTAL				<u>-306,785.65</u>

12:44 PM
07/14/14
Accrual Basis

comb2
Payment of Claims-Renewal Fund
June 2014

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
Jun 14				
06/03/2014	3015	Cachuma Oper & Maint Board	May Genetic Analysis claim(s)	-15,000.00
06/30/2014	3016	Cachuma Oper & Maint Board	Jun Oak Tree/Fisheries claims/salaries	-9,542.52
Jun 14				<u>-24,542.52</u>

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 28, 2014
Submitted by:	Randall Ward

SUBJECT: Board Committee Appointments for FY 2014-15

SUMMARY:

Many of the activities and projects planned for Fiscal Year 2014-2015 would benefit from being discussed first at the committee level and then brought to the Board of Directors with the committee's recommendation for action.

COMB has five Board committees and one Ad Hoc committee that would consist of two board members and an alternate for each. The committees meet during the course of the fiscal year, on an as-needed basis, together with COMB staff and Member Unit staff, if necessary.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

It is recommended that the President of the Board make appointments for Fiscal Year 2014-2015 to the following committees: Administrative, Operations Division, Fisheries Division, Public Outreach, Lake Cachuma Oak Tree and Ad Hoc Drought Contingency.

LIST OF EXHIBITS:

1. Chart of appointments for Fiscal Year 2013-2014

**COMMITTEE APPOINTMENTS
FISCAL YEAR 2013-2014**

COMMITTEE NAME	COMMITTEE CHAIR/MEMBER	COMMITTEE MEMBER	ALTERNATE MEMBER
Administrative (Finance, Personnel, Legal)	Chair Lauren Hanson	Doug Morgan	Dale Francisco
Operations Division	Chair Doug Morgan	Dale Francisco	Lauren Hanson
Fisheries Division	Chair Dennis Beebe	Lauren Hanson	Doug Morgan
Public Outreach	Chair Alonzo Orozco	Dennis Beebe	Dale Francisco
Lake Cachuma Oak Tree	Chair Doug Morgan	Dennis Beebe	Alonzo Orozco
Ad Hoc Drought Contingency	Chair Lauren Hanson	Dale Francisco	

**COMMITTEE APPOINTMENTS
FISCAL YEAR 2014-2015**

COMMITTEE NAME	COMMITTEE CHAIR/MEMBER	COMMITTEE MEMBER	ALTERNATE MEMBER
Administrative (Finance, Personnel, Legal)	Chair		
Operations Division	Chair		
Fisheries Division	Chair		
Public Outreach	Chair		
Lake Cachuma Oak Tree	Chair		
Ad Hoc Drought Contingency	Chair		

CACHUMA OPERATION & MAINTENANCE BOARD

MEMORANDUM

Date:	July 28, 2014
Submitted by:	Dave Stewart and Tim Robinson
Approved by:	Randall Ward

SUBJECT: California Conservation Corps Contract

SUMMARY:

The Operations and Fisheries Divisions utilize the California Conservation Corps (CCC) for various field services. A line item in the amount of \$25,000 for those services was included in the approved COMB FY 2014-15 budget.

Activities are anticipated to be divided equally between both divisions. Operations Division tasks include assisting COMB staff with large scale routine weed abatement projects which is part of the Operations Division Standing Operating Procedures.

The CCC crew will assist with the Lake Cachuma Oak Tree Restoration Program activities. Examples of activities include weed abatement, spreading mulch, deer catch maintenance and the pulling back of accumulated soil around the trunks of planted oak trees. In the fall, they will be assisting in planting new oak trees to meet our mitigation obligation.

FISCAL IMPACTS:

Approved in FY 2014-15 Budget

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Staff recommends the COMB Board approve the expenditure and authorize the General Manager to sign a contract with the CCC in an amount not to exceed \$25,000.

LIST OF EXHIBITS:

N/A



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."

DATE: July 28, 2014

General Manager Report

- **USBR Site Inspection**
COMB is routinely requested by USBR to provide a status update to USBR Category 1 recommendations. The cross connection to the SCC is the single Category 1 recommendation outside the control of COMB. The impacted MU anticipates completion of remedial activities by July 31, 2014.
- **NP Elevator Rehabilitation**
The contractor was issued a Notice to Proceed on June 19, 2014, following the COMB receipt of required insurance and performance bond information. Per the contract schedule, the contractor has 120 days to complete the project. The contractor has indicated completion will likely occur earlier than required by the contract.
- **Santa Barbara County Drought Task Force (DTF)**
The Drought Task Force met on July 23, 2014. Provided update to SB County officials on the status of the Emergency Pumping Facility Project. The Board of Supervisors will hold a special meeting in July to re-ratify the local drought emergency proclamation.
- **Drought Emergency Pumping Facility Project**

Construction Status

The system shutdown occurred on June 20, to remove sediment necessary to allow the installation of the specially engineered pipe connection to Gate 5. This coordinated effort was accomplished without incident and in less time than anticipated. Subsequent to the last Board meeting the following construction activities have been accomplished.

1. Pipe connection to the now operational Gate 5 has been installed
2. 3100 lineal feet of 36" Pipe has been installed, connected to Gate 5 and secured to anchor pilings.
3. Fencing to secure PG&E transformer and electrical switch gear has been installed.
4. Electrical gear container has been procured and is in the process of being wired.

5. Stems and guides installed on Gates 1, 2, and 5.
6. Barge is in the process of being assembled to contain pumps, piping and electronic controls.
7. PG&E is in the process of installing power poles.

See Attachment (A) for budgeted expenditure detail.

Grant Funding

Three Member Units have been notified of the intent to be awarded grant funding from the State Water Resources Control Board in an approximate combined amount of \$1.4 million.

Loan Status

As you are aware, three Member Units chose to seek commercial financing to fund a portion of the EPFP. It is anticipated loan documents will have been signed and the loan funded by July 25, 2014.

Respectfully Submitted,



General Manager

DROUGHT CONTINGENCY/EMERGENCY PUMPING FACILITY PROJECT

AS OF: 6/30/2014**FY 13/14 APPROVED BUDGET**

Drought Contingency Planning	ACCT #6108	300,000.00	
Emergency Pumping Facility Project	ACCT #6120	604,000.00	Additional funds request
Total Budget Augmentation		\$ 904,000.00	Approved 4/7/14 Special Board Mtg
FY 12/13 Unexpended funds-included in account #6108		82,000.00	
		\$ 986,000.00	Total funds available

ACCT #6108 DROUGHT CONTINGENCY

CONSULTANTS	BUDGET	EXPENDED	BALANCE	Description
Environ Strategy	60,000.00	9,191.50	50,808.50	Project Management Services
HDR Engineering	198,748.00	178,645.48	20,102.52	Develop proj def; assist w/RFQ-RFP, etc
MPG - Environmental/Legal	50,000.00	71,262.32	(21,262.32)	Environmental / Legal fees
Permits	8,045.25	8,045.25	-	CDFW-\$,4912.25 / RWQCB-\$3,133
PG&E	7,000.00	7,000.00	-	On-going project electrical charges
Smith, Watts & Martinez	20,000.00	20,000.00	-	Lobbyist-drought relief funding
SYRWCD ID#1 (Stetson)	5,000.00	4,025.17	974.83	Work authorized by RW/TR
Miscellaneous	33,206.75	119.72	33,087.03	Non-Contract Incidental charges
	\$ 382,000.00	\$ 298,289.44	\$ 83,710.56	

ACCT #6120 EMERGENCY PUMPING FACILITY PROJECT

CONSULTANTS	BUDGET	EXPENDED	BALANCE	Description
Cushman Contracting	350,000.00	350,000.00	-	Phase I designs/mobilization/site prep
HDR Engineering	50,000.00	-	50,000.00	Project Management fees
Contractor	54,000.00	-	54,000.00	Evaluation of NP gates, stems, guides
VAG	150,000.00	152,272.44	(2,272.44)	Stems for gates 1-5
PGE	-	107,370.37	-	Electrical Installation contract
	\$ 604,000.00	\$ 609,642.81	\$ (5,642.81)	

\$ 986,000.00 **\$ 907,932.25** **\$ 78,067.75**
 Reconciliation 907,932.25 QB Total Expenditures Y-T-D

SUMMARY OF TOTALS FY 13/14

Unexpended Funds FY 12/13	82,000.00
FY 2013-14 Augmented Budget	904,000.00
Total Expended to-date	(907,932.25)
REMAINING FUNDS	\$ 78,067.75

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	July 28, 2014
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Randy Ward

SUBJECT: Lake Cachuma Oak Tree Restoration Program

SUMMARY:

This oak tree memorandum reflects maintenance completed since the beginning of last Fiscal Year (7/1/13 – 6/30/14, Table 1). Labor and expenses for the entire fiscal year (July 2013 - June 2014) as well as water usage will be tracked separately but not reported as recommended by the COMB Board 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 late spring round of irrigation was completed in June with Year 1, Year 2, and Year 6 trees being watered. After irrigating, staff followed up by hand weeding and removing extra soil around the root crown. The remainder of oak tree work this summer will focus on cage maintenance, mulching, and weeding at all locations.

Table 1: Cachuma Oak Tree Program completed tasks since 7/1/13

Oak Year Class	Jul 2013	Aug 2013	Sep 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	June 2014
Year 6 Oaks (2010-2011)	Irrigated Hand weeded	Cage maint. Road maint.	Cage maint. Mulching	Irrigated	Inventory	Inventory		Irrigated		Irrigated	Irrigated	Irrigated Hand weeded Road maint.
Year 5 Oaks (2009-2010)	Irrigated		Cage maint. Irrigated Mulching	Irrigated Mulching	Inventory	Inventory	Irrigated Hand weeded	Soil removal Hand weeded	Mulching Irrigated	Mulching Hand weeded		
Year 4 Oaks (2008-2009)			Cage maint. Irrigated* Mulching	Irrigated* Mulching	Inventory Cage maint.	Inventory	Irrigated Hand weeded	Irrigated Cage maint.	Mulching Irrigated	Mulching Irrigated		
Year 3 Oaks (2007-2008)			Cage maint. Irrigated* Mulching	Irrigated* Mulching	Inventory Cage maint.	Inventory	Irrigated Hand weeded	Irrigated Cage maint.	Mulching Irrigated	Mulching Irrigated		
Year 2 Oaks (2006-2007)	Irrigated*	Irrigated* Cage maint. Road maint.	Cage maint. Mulching		Inventory	Inventory					Irrigated Road maint.	Irrigated Hand weeded
Year 1 Oaks (2005-2006)	Irrigated*	Irrigated* Cage maint. Road maint.	Cage maint. Mulching		Inventory Mulching	Inventory					Irrigated Road maint.	Irrigated Hand weeded

*Valley oaks and trees under 4' in height only.

FINANCIAL IMPACT:

Tracked but not included.

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

For Board information only.

LIST OF EXHIBITS:

N/A

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: July 28, 2014
TO: Randall Ward, General Manager
FROM: Dave Stewart, Operations Division Manager
RE: **MONTHLY OPERATIONS DIVISION REPORT**

Operations

The Annual Work Plan sets forth those activities necessary to ensure system reliability. Consistent with the Plan, Operation and Maintenance staff performs routine maintenance on the distribution and storage System. Staff continually endeavors to improve the system, address deficiencies and identify items to be included in the Infrastructure Improvement Program.

Lake Cachuma Operations

The total flow from Lake Cachuma into the Tecolote Tunnel during June was 2500.5 acre-feet resulting in an average daily flow of 83.35 acre-feet. Beginning lake elevation was 698.38 feet and ending lake elevation was 696.91 feet. The storage change decreased 2,389 acre-feet. CCWA wheeled 1,268 acre-feet of water to Cachuma Project facilities.

Operation and Maintenance Activities

COMB Staff regularly performs the following duties:

- Weekly Safety Meetings
- Weekly Rodent Bait (All Reservoirs)
- Weekly Toe Drain and Piezometer reads at Ortega (L23)
- Dam inspection and reports (All Reservoirs)
- Structure Maintenance per Work Plan
- USA Dig Alert – Responded as necessary to alerts
- Pesticide report to County of Santa Barbara
- Operational tests of generators at the North Portal and at Lauro Yard
- Inspection of Fire Extinguishers
- Read Anodes and Rectifier Data
- Water Samples taken at Lake Cachuma
- Meter Calibration performed on all Venturi Meters

Weekly Safety Meetings:

The purpose of the weekly safety meetings is to continue education of Staff on safe practices in the field and on-site. In these safety meetings Staff is urged to ask questions about the topic being discussed and share some incidences related to the topic. Discussion includes how the

incident could have been prevented. Regular safety meetings help Staff to constantly have safety on their mind. The following topics were reviewed this past month.

- ✓ Code of Safe Practices
- ✓ June-National Safety Month
- ✓ Eyes on Safety: Protect Vision
- ✓ Beware of Ticks in the Woods
- ✓ Don't let Chemicals get you

COMB Crew specifically performed the following activities:

- Weed abatement at Glen Anne Reservoir, Lauro Reservoir, and Ortega Reservoir with CCC
- Structure Maintenance on Upper Reach Stations; 12+62, 15+40, 23+97, 28+32, 30+61, 43+95, 57+97, 80+86, 99+22, 100+78, 108+30, 111+85, 118+05, 122+21, 131+54, 153+50, 163+90, 165+60
- Toro Canyon Meter Repair
- Tecolote Tunnel Shutdown and annual exercise of the Jetflow for the EPFP sediment removal
- Installed new AVAR Valve at Upper Reach Station 28+32, during routine maintenance staff noticed the existing AVAR was not working properly and removed and replaced the AVAR Valve.

Additionally, Operations staff has been involved in activities related to the EPFP, the Elevator Rehabilitation contract and investigation of the Lower Reach AVAR conditions. Attend weekly meetings with Cushman Contracting to discuss following weeks planned activities.

Pictures

Ortega Dam Face Weed Abatement by CCC (Before and After)



Replaced AVAR Valve at Station 28+32



CCC Weed Abatement at Lauro Reservoir



CACHUMA OPERATION AND MAINTENANCE BOARD

BOARD MEMORANDUM

DATE: July 28, 2014
TO: Randy Ward, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

In compliance with the 2000 Cachuma Project Biological Opinion (BO) and as described in the 2004 Lower Santa Ynez River Fish Management Plan (FMP) and the Monitoring Program in the 2000 Revised Biological Assessment (BA), the Cachuma Project Biology Staff (CPBS) 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 CPBS since the last COMB Board meeting that 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 and total dissolved solids) at one meter intervals from the surface to the bottom of the lake (Lake Profile) are taken once a month normally from April through December at the Hilton Creek Watering System (HCWS) intake barge. This is considered to be at or 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 need to carefully monitor Lake Cachuma, lake profiles will be taken monthly throughout the year for the unforeseeable future.

Cachuma Lake Oak Tree Restoration Program:

COMB staff, with guidance from the hired professional arborist, continues to implement the Program and has successfully conducted all management actions as required. An update of the project is provided in a separate Board memo. The 2015 Lakeshore Survey began this month where the results will be used to set the mitigation number for number of oak trees to be planted. The survey will be completed by the end of the summer. Attached is the 2-Year Plan for this program of work that was used in preparing the FY2014-2015 COMB Budget.

Tributary Project Updates

Quiota Creek Crossing 0: Staff submitted a CDFW-FRGP Grant on 3/17/14 with revised designs and a \$50,000 construction landowner cost match. Submitting the proposal was approved during the February COMB Board meeting. The CDFW-FRGP Technical Review Team visited the site on 6/18/14 as part of their grant application evaluation. Grant awards will be announced in January, 2015.

Quiota Creek Crossing 3: Staff submitted a CDFW-FRGP Grant on 3/17/14 with a COMB construction match of \$50,000 that was approved during the February COMB Board meeting. The CDFW-FRGP Technical Review Team visited the site on 6/18/14 as part of their grant application evaluation. Grant awards will be announced in January, 2015.

Quiota Creek Crossing 8: The current temporary County bridge at Crossing 8 has been listed on the CalTrans federal list of bridges. The County is discussing with COMB how best to apply for CalTrans bridge replacement grant funding and conduct project planning, design, oversight and construction. Due to the anticipated lengthy procedure required by CalTrans for grants, the funding and construction is not estimated for several years.

Quiota Creek Crossing 4: CDFW has announced a second FRGP Grant competition that focuses on steelhead passage and drought. Grant applications are due on 8/12/14. Grant awards will be announced in January 2015. Staff is working on a proposal for Quiota Creek Crossing 4. The project and funding will be discussed at the next Fisheries Committee meeting.

Rancho Salsipuedes Cattle Exclusionary Fencing and Off-Channel Watering: COMB received a \$16,703 grant plus \$1,500 supplemental grant funding for this project through the Fish America Foundation. The project was successfully completed last month. All reporting and grant reimbursement requests have been submitted. A brief summary presentation of the project will be given to the Board.

Salsipuedes Creek – Jalama Road Fish Ladder: Three design options have been sent to CDFW and NMFS for their review. A conference call to finalize design options is forthcoming. As of yet, there are no construction funds for this project.

Hilton Creek Watering System (HCWS) Repairs and Upgrades

The HCWS is owned, operated and maintained by USBR. The following repairs and upgrades have been identified by USBR with the status of each (Table 1).

Table 1: USBR list of HCWS repairs and upgrades (Nick Zaninovich, USBR, 7/22/14).

Tasks	Status:
Run a watering truck to LRP for 10 hrs/day until Pumps #1+2 are operational	Completed - 5/30/14 thru 6/10/14
Replace failed Pump #1 on HCWS Pumping Barge	Completed - 6/9/14
Conduct repairs on Pump #2 on HCWS Pumping Barge	Completed - 6/10/14
Install temporary Emergency Backup Delivery System (EBDS, 24/7 operability) at Bradbury Dam Outlet Works:	
Receive contractor bids	Completed
Issue a contract and letter to proceed	Pending
Install steel riser pipe off of the 10" release valve at Outlet Works (USBR)	Completed 6/20/14
Install the EBDS	? (pending contractor selection)
Work to be completed once the EBDS is installed:	
Finalize all needed modifications to Pumps #1+2	? (pending completed EBDS)
Upgrade current electrical panel (as needed) to assure no interruption of power to Pumping Barge	? (pending completed EBDS)
General top of Dam electrical and SCADA upgrades	? (pending completed EBDS)
Install return flow system at the HCWS connection point to Bradbury Dam for low flow delivery	? (pending completed EBDS)
Repair the 3 leaky valves at the Outlet works	Procedure requested (fall?)
Negotiate a solution for independent CCWA delivery without connecting to the Outlet	CCWA, USBR + COMB MUs to address
Install permanent HC delivery system from the Outlet Works	In preliminary design phase (2016 +/-)

Surcharge Water Accounting

The following table summarizes the amount of Surcharge water used to date from each of the three accounts at the end of last month (Table 2). All numbers come from USBR's Daily Operations Report. The start time for the use of the Surcharge Water Accounts was 5/27/11, or the last day of full surcharge. As of May 2012, all of the Fish Rearing Account waters have been used and we are

now using Project Yield to meet BO target flows. A WR 89-18 release began on 7/15/13 at 8:15 AM and ended on 12/2/13 at 2:00 PM; 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. Subtracted from the Project Yield total was the Adaptive Management Account (AMA) release of 35 acre-feet in October 2012 that was called for by the Adaptive Management Committee (AMC). A second AMA release was called for by the AMC and began in June of 2013 that ran until the beginning of the WR 89-18 releases; the release amounts will be reflected in Table 2 once USBR determines the amount of AMA water used during the second event.

Table 2: Summary of the surcharge water accounting and use of Project Yield.

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage	3,200	0	3,200
Adaptive Management	500	35	465
Fish Rearing***	5,484	5,242	242
Project Yield		10,892	
Total:	9,184	16,169	3,907
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 6/30/14.			
*** 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 submitted to USBR the 5/25/14 HCWS Incident Report that should be transmitted to NMFS. The 2011 Annual Monitoring Report (AMR) was vastly modified by USBR and then submitted to NMFS without an opportunity for COMB to comment. Staff is working on the 2012 AMR that will be sent to the Science Review Team after discussions with USBR and further meetings with the COMB Board Fisheries Committee meeting. All of the Salsipuedes Creek Cattle Exclusionary Fencing Project reporting has been submitted.

Outreach and Training: Staff continues to work 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 presentation on steelhead in the Santa Ynez River for the Lake Cachuma Nature Center lecture series and a second presentation on the Lake Cachuma Oak Tree Restoration Program at the ESRI International Users' Conference in San Diego; both talks were well received.

Santa Ynez River RiverWare Model

The following is a status report on the development of the Santa Ynez River RiverWare Model. RiverWare is a common hydrologic model used by USBR, USACE, TVA (Tennessee Valley Authority), to mention a few that was developed and is supported by a research group at the University of Colorado, Boulder called CADSWES. The specific application for the Santa Ynez River was constructed by Stetson Engineers in San Rafael. Upon completion by Stetson of the draft model, it was peer reviewed by 4 individual groups: Balance Hydraulics (Berry Heck), West Yost (Tim Durban), CADSWES (model architect), and USBR (Denver). Stetson also conducted an internal review. Norm Brown, CCRB consulting hydrologist, is currently reviewing the model. The results suggested that the model needed further development at low flows downstream of Bradbury Dam, specifically in the modeled interaction of groundwater and surface water. Stetson is working on an estimate to complete the recommended work and finish the model development.

Provided their proposal is accepted, project completion is estimated to be at the end of the fall, 2014.

Consultant Activity Summary

HDR Fisheries Design Center (Mike Garello) – Wrap up of the Quiota Creek Crossing 1 Project and design work for the Quiota Creek Crossings 0, 3 and 4 projects.

Stetson Engineers (Ali Shahroody) – Santa Ynez River hydrological analyses.

CardnoENTRIX (Jean Baldrige) – BO compliance tasks and support.

LAKE CACHUMA OAK TREE RESTORATION PROGRAM

2-YEAR PLAN for Fiscal Years 2013/14 and 2014/15



Prepared for: Cachuma Operation and Maintenance Board

Prepared by: Timothy H. Robinson (COMB), Kenneth A. Knight (Kenneth A. Knight, Consulting), and Scott J. Volan (COMB)

July 22, 2014

The following is a suggested work plan for the continuation of the Lake Cachuma Oak Tree Restoration Program during Fiscal Years (July 1 – June 30) 2013/14 (FY14) and 2014/15 (FY15) that will be referred to as the 2-Year Plan (Plan). The final number of mitigation oak trees from Lake Cachuma surcharge operations will be determined after the FY15 Lakeshore Survey. Conducting the final mitigation planning will occur in FY15 and FY16. Any further planting and maintenance required beyond FY16 to the end of the mitigation period in FY25 will be addressed in a 10-Year Plan to be drafted at the end of the duration of this Plan in FY15. Presented estimates are intended for initial discussion and review by the COMB Board Lake Cachuma Oak Tree Committee and ultimately by the full COMB Board.

2-Year Plan

1. Plan Timeline and Significant Dates:

The 2-Year Plan consists of implementing a timeline or Gantt chart with all project tasks listed in chronological order (Table 1).

Table 1: The following is the Plan Gantt chart (timeline):

Tasks	FY14:						FY15:																		
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Maintenance of current planted trees																									
Committee meetings																									
Review and Finalize the 2-Year Plan																									
Estimate of mitigation number																									
Nursery quotes																									
COMB Board commitment (nursery contract)																									
Nursery contract																									
COMB Board financial commitment (FY15)																									
Lakeshore Inventory																									
Final mitigation number																									
COMB Board financial commitment (FY16)																									
Planting of new mitigation trees																									
Maintenance of new trees																									
Initial draft of the 10-Year Plan																									

Significant dates for the mitigation requirements are as follows:

- FY05: Oak tree mitigation effort began.
- FY15: Final oak tree mitigation number set for dead and At-Risk trees.
- FY15: Initial planting of additional mitigated oak trees.
- FY16: Final planting of additional mitigated oak trees
- FY25: Project completed.

If there is no rain in FY15, initial followed by final plantings will be delayed until more favorable planting conditions occur.

2. Definitions:

- a. **Dead Oak Trees around Lake Cachuma:** The trees that died as a result of surcharge operations at Lake Cachuma are defined as the 879 oak trees identified as dead in the 2/12/12 Lakeshore Monitoring Report (Fournier, 2012). The report did not differentiate between Coast Live Oaks and Valley Oaks that died. That

Lakeshore Monitoring Report, as well as previous reports, cannot be replicated to identify alive and healthy trees in place prior to surcharging the reservoir, and which trees died as a result of surcharging, thus the total number of dead trees cannot be verified and will stand as reported.

- b. At-Risk Oak Trees around Lake Cachuma:** An At-Risk tree is any Valley Oak 4 inches DBH (diameter at breast height) or greater, or a Coast Live Oak 6 inches DBH or greater within the current or historical wake area of Lake Cachuma that has been inundated or severely impacted by wave activity. The wake area can be identified by the visible track of turbulence and erosion caused by wave action on the shoreline of the lake. The wake area will vary around the lake but its characteristics are a debris field, high water mark, and evidence of erosion and/or deposits due to wave action.

Oak trees within the wake area defined as At-Risk will be determined by a consulting arborist using professional judgment. Criteria that will be considered as guidelines in that determination are:

- 25% of the critical root zone is impacted by erosion/wave action
 - 15% of the critical root zone has soil washed away from the roots to a depth of 3 feet or more measured from the trunk flare.
 - Tree Health Rating (Good, Fair, Poor or Critical).
- c. Mitigated oak tree:** A mitigated oak tree is alive and “sufficiently developed to demonstrate that it is well established and self-sustaining” in 2025, 10 to 20 years after planting as stated in the Final EIR/EIS (COMB, 2004).
- d. Final oak tree mitigation number:** As stated in the Cachuma FMP/BO Projects Final EIR/EIS (COMB, 2004, Page 6-22), the final mitigation number would be set by the number of dead and At-Risk oak trees within the wake area around Lake Cachuma 10 years after the beginning of the mitigation effort (FY05) , hence during FY15. This means that the sum of the previously counted dead oak trees plus the identified At-Risk oak trees in the final Lakeshore Inventory (FY15) will be considered the total number of trees to be mitigated at a rate of two to one as stated in the Cachuma FMP/BO Projects Final EIR/EIS (COMB, 2004, Page 6-22).
- e. Critical Root Zone:** An oak tree’s Critical Root Zone is defined as the minimum area around a tree that should be protected to prevent the death, decline or instability of a tree. The zone is calculated by multiplying one foot times the DBH of the tree to determine the radius of the area to be protected measured out from the trunk of the tree (Matheny and Clark, 1998, page 74).
- f. Tree Health Rating:** This assesses the relative tree health compared to a normal tree and is ranked as Good (1), Fair (2), Poor (3), or Critical (4). The assessment is based upon the follow factors: 1) Quality – the percentage of the upper crown that is free from necrotic, chlorotic or undersized foliage; 2) Growth rate – the 3-year average terminal shoot extension on three random branches with the same sun exposure that has not been recently pruned or damaged; 3) Vitality – the percentage of the upper

crown that is free from recent mortality on branches with fine twigs, beginning at the terminal portion of a branch and proceeding toward the trunk; 4) Opacity – the percentage of light visibility blocked by branches, foliage and reproductive structures of the actual upper live crown; and 5) Live Crown Ratio - the ratio of the live crown height to the total live tree height that is expressed as a percentage.

3. Lakeshore Survey:

Previous Lakeshore Surveys in 2005, 2007, and 2012 were conducted from a boat on the lake and cannot be replicated due to multiple factors, specifically in the number of dead trees. The survey area was broken up into 21 reaches around the shore line of Lake Cachuma; totals of dead and At-Risk trees were reported by those reaches. Results from the 2012 Lakeshore Survey are presented in Table 2.

Table 2: 2012 Lakeshore Survey results (Fournier, 2012).

# of Oak Trees	Description
879	Total dead oak trees identified in 2012 Lakeshore Inventory
813	Total At-Risk oak trees from 2012 Lakeshore Inventory
1692	Total potential mitigation number of dead and At-Risk oak trees
3384	Total number of impacted oak trees to be mitigated at a two to one ratio

The final Lakeshore Survey must be done in FY15 as stipulated in the EIR/EIS (2004). This final survey will be a land based inventory to allow for close-up visual assessment and analysis of suspected At-Risk trees. The count of the total number of dead oak trees from the 2012 Lakeshore Survey cannot be replicated or verified. Hence, the total number of dead oak trees will be set by the identified number in the 2012 Lakeshore Survey. The final survey in FY15 will only determine the number of At-Risk trees. The methodology for this survey will use a randomly selected sub-set of 5 of the 21 identified reaches where the land-based survey will be performed by a registered arborist. Results will then be compared to the findings from the 2012 survey and then used to extrapolate for the non-surveyed reaches to determine the total number of At-Risk trees. That final number will then be presented to the COMB Board for determination of further management actions for the Lake Cachuma Oak Tree Restoration Program.

Protocols: For every At-Risk tree evaluated in the 5 randomly selected reaches, the following information will be collected and tabulated in the database during the FY15 Lakeshore Inventory:

- Tree species – identify Coast Live and Valley oaks.
- Tree location - GPS coordinates using existing instrumentation that will be exported to GIS.
- Critical Root Zone – identification.
- Critical Root Zone – determine % impacted by wake action.
- Critical Root Zone – determine % with soil washed away from the roots 3 feet or more below the trunk flare.
- Tree Health Rating – Good, Fair, Poor or Critical determination.

- Photo documentation – take photograph of the entire tree and any exposed roots from the perspective of the lake looking at the tree.
- Identification - each tree will be identified with a unique number placed in the GIS database to allow relocation and repetition of the survey if necessary.

4. Estimation of Mitigated Oak Trees to be Planted in FY15 and FY16:

a. The number of currently planted and alive oak trees since the beginning of the program:

The most recent tree inventory was completed in December 2013. The COMB oak tree database contains 2,292 oak trees (approximately 16% are valley oaks) of which 1,974 are alive. Melinda Fournier planted 2,256 trees over 6 years. The higher number of trees accounted for in the COMB database is due to adopted saplings or previously planted trees.

b. Estimate the number of additional mitigated oak trees to be planted in FY15.

Using the results of the 2012 Lakeshore Survey (Fournier, 2012), 879 trees were identified as dead and 813 were At-Risk for a total of 1,692. If one assumes no change in the identified number of At-Risk trees and using the established mitigation ratio of two to one, the total number of surviving oak trees by 2025 should be 3,384 (Table 1). The estimated die-off (mortality) rate of all currently planted and to be planted trees is 14% based on current experience. Adding 14% to the estimated mitigation number suggests 3,758 mitigation trees should be planted. Then subtracting the number of currently alive trees (1,974), COMB needs to plant **1,884 trees** to meet our mitigation requirements in 2025 using numbers produced by Melinda Fournier in 2012. This number will likely change upon completion of the FY15 Lakeshore Survey but will be used as an estimate for the following cost estimates.

c. Potential planting locations include:

- Hilton Creek access road area between the Upper and Lower Release Points.
- Center of Year 5 and near Year 3-4 planting areas.
- 3-4 concentrated areas within Storke Flats.
- Additional sites to be determined.

5. Develop Cost Projections for Inclusion in the FY14/15 Budgets:

a. Lakeshore Survey and reporting cost.

The Lakeshore Survey as described above is estimated to take approximately 3 weeks utilizing a registered arborist and COMB supervisor, field staff, and seasonals for a total cost of \$15,600 (Table 3).

Table 3: Estimated cost of the 2015 Lakeshore Survey.

Task	Personnel:								Total
	Arborist		COMB Supervisor		COMB Field Staff		COMB Seasonal		
	(hrs)	(\$100/hr)	(hrs)	(\$60/hr)	(hrs)	(\$45/hr)	(hrs)	(\$18/hr)	
Lakeshore Survey (3 people, 2 weeks, + supervision)	80	\$8,000	4	\$240	0	\$0	160	\$2,880	\$11,120
Data Entry (1 person, 1 weeks, + supervision)	0	\$0	2	\$120	40	\$1,800	0	\$0	\$1,920
Reporting (2 people, 2 days)	16	\$1,600	16	\$960	0	\$0	0	\$0	\$2,560
									TOTAL: \$15,600

b. Planting cost.

Each tree must be protected below the ground with a gopher shield and above the ground with deer cage to allow the tree to sufficiently grow to be self-sustaining in FY25. Each tree should be watered for at least two to three dry seasons (or as needed) and to have minor structural pruning for the health and longevity of the tree. Planting should occur just before or at the beginning of the rainy season from November through February spread over two fiscal years; FY15 and FY16.

Labor: The number of At-Risk trees will be adjusted after the FY15 Lakeshore Survey. Using the Fournier 2012 Report, it is estimated that 1,884 oak trees will need to be planted as described above. Holes for planting the trees will be dug using the COMB backhoe over a three week period (120 hrs). The estimated planting rate is approximately 100 trees per week utilizing 2 2-person teams and 1 logistical support person (all seasonals), hence approximately 18.8 weeks (4.7 months) that could be spread out over two Fiscal Years as the COMB Board determines. Assuming it takes 2 people one hour to prepare and plant a tree with gopher shield, root pruning, stake and deer cage installation, mulching and watering with an additional person to conduct logistical support, it would take those 2 planting teams approximately 3,768 staff hours (5 COMB Seasonals) to plant all the required trees. Supervision will be required by the consulting arborist (105 hrs) and COMB project manager (143 hrs). The total labor cost is estimated to be \$91,878 (Table 4).

Table 4: Estimated planting labor costs to be spread out over 2 Fiscal Years.

Task	Personnel:								Total
	Arborist		COMB Supervisor		COMB Field Staff		COMB Seasonal		
	(hrs)	(\$100/hr)	(hrs)	(\$60/hr)	(hrs)	(\$45/hr)	(hrs)	(\$18/hr)	
Digging holes for planting (1 staff, 3 wks with COMB backhoe + supervision)	30	\$3,000	30	\$1,800	120	\$5,400	0	\$0	\$10,200
Tree planting (2 2-person teams, 18.8 wks, + supervision)	75	\$7,535	113	\$6,782	0	\$0	3014	\$51,238	\$65,555
Logistical support (1 person, 18.8 wks)	0	\$0	0	\$0	0	\$0	754	\$13,563	\$13,563
Reporting (2 people, 2 days)	16	\$1,600	16	\$960	0	\$0	0	\$0	\$2,560
									TOTAL: \$91,878

Materials: Table 5 lists all materials needed to plant the additional mitigated trees (1,884) that includes oak trees (1000 1 gal, and 884 5 gal), 3 stakes per tree, gopher shields (cages), deer cages, soil amendments, and mulch for a total of \$84,304. It is estimated that the contracted nursery will have some quantity of oak trees in 1-gal and 5-gal pots; the suggested distribution was purely random and will be set upon finalizing a nursery contract.

Table 5: Estimated planting material costs to be spread out over 2 Fiscal Years.

Materials	Unit Cost	Amount	Cost
Oak trees (5-gal)	\$15	884	\$13,256
Oak trees (1-gal)	\$7	1000	\$7,000
Stakes (3/tree)	\$5	5651	\$28,256
Gopher shield	\$9	1884	\$16,954
Deer cage	\$10	1884	\$18,838
Soil amendments	\$8	1884	\$15,070
Mulch	\$2	1884	\$3,768
		TOTAL:	\$84,304

Maintenance: The maintenance of the newly planted oak trees during FY15 and FY16 is estimated to be \$40,000 per year given COMB’s current operating expenses for a total of \$80,000. Maintenance tasks include watering, weeding, pruning, mulching, deer cages, etc.

Total Estimated Costs: The total planting cost (labor, materials and maintenance) for the remaining mitigation oak trees (1,884) for a 4.7 month effort over two Fiscal Years (FY15 and FY16) are presented in Table 6. Planting (labor and materials) and maintenance over the 2 year period will results in a cost of just under \$136 per tree (\$256,182/1884 trees). For comparison, the cost of the prior planting and maintenance effort over a 6 year period (FY06-FY11) was \$348 per tree (\$785,787/2256 trees).

Table 6: Estimated planting material costs to be spread out over 2 Fiscal Years for the remaining mitigation trees.

	Cost
Labor	\$91,878
Materials	\$84,304
Maintenance	\$60,000
TOTAL:	\$236,182

c. Cost distribution by Fiscal Year.

The final phase (Phase 2) of planting of the required mitigation oak trees will be conducted over 2 Fiscal Years (FY15 and FY16) pending rainfall to create sufficient soil moisture conditions favorable for planting (Table 7). Included in the table are all projected expenses (labor, materials and maintenance) for all tasks (the final Lakeshore Survey, Phase 2 tree planting and maintenance of Phase 1) for the Lake Cachuma Oak Tree Restoration Program over those 2 years. Phase 1 is the trees

planted during the first 6 years of the Program and Phase 2 is those that will be planted in FY15 and FY16. Direct costs are for consultants and materials that are specifically identified in the COMB budget, and Indirect costs are for COMB staff salaries. Table 7 should be used for COMB budget planning purposes.

Table 7: Financial summary over FY15 and FY16 for the Lake Cachuma Oak Tree Restoration Project.

Task	Costs Estimates by Fiscal Year:			
	FY15		FY16	
	Direct	Indirect	Direct	Indirect
Lakeshore Survey				
Labor	\$9,600	\$6,000	\$0	\$0
Sub-Total (Oak Tree Budget):	\$9,600			
FY-Total:		\$15,600		\$0
2-Yr TOTAL:				\$15,600
Oak Tree Planting (Phase 2)				
Labor	\$6,068	\$39,871	\$6,068	\$39,871
Materials	\$42,152	\$0	\$42,152	\$0
Maintenance	\$0	\$20,000	\$0	\$40,000
Sub-Total (Oak Tree Budget):	\$48,220		\$48,220	
FY-Total:		\$108,091		\$128,091
2-Yr TOTAL:				\$236,182
Oak Tree Maintenance (Phase 1)				
Materials	\$3,000	\$0	\$2,000	\$0
Maintenance	\$20,000	\$20,000	\$20,000	\$20,000
Sub-Total (Oak Tree Budget):	\$23,000		\$22,000	
FY-Total:		\$43,000		\$42,000
2-Yr TOTAL:				\$85,000

6. Establish a Nursery Contract for the purchase of Oak Trees saplings

To accomplish the above within the designated timeframe, a contract with an established nursery is needed that can provide native local oak tree stock for planting requirements to meet the mitigation number (1 and 5 gallon trees). This should be done well in advance so that the young oak trees are ready to be planted during the required time period. It is recommended that quotes are obtained and a contract signed as soon as possible during FY14 from a nursery that can handle the required quality and quantity of native oak trees, both Coast Live Oaks and Valley Oaks. Initial estimates from one nursery are included above who require a 10% deposit to initiate the contract, approximately \$2,000.

7. Potential Cost Cutting Options

The above cost estimate is barebones while getting the required job done. That said, there might be a few options to reduce costs of this final planting effort that are listed below with no prioritization that will be further investigated as Phase 2 is implemented:

- Adopt volunteer saplings
- Adopt more previously planted trees (i.e., dam tender planted trees)
- Contract for oak trees in 1-gal pots only.
- Obtain the nursery grown trees at no cost (Santa Barbara County Farm Bureau Oak Tree Education Program).
- Use a CCC labor crew to plant some or all of the remaining mitigated trees
- Plant all trees during 1 instead of 2 Fiscal Years.

13-14 ENTITLEMENT

CACHUMA OPERATION AND MAINTENANCE BOARD WATER PRODUCTION AND WATER USE REPORT FOR THE MONTH OF **JUNE 2014** AND THE WATER YEAR TO DATE

(All in rounded Acre Feet)

	MONTH				YTD	
	TOTAL				TOTAL	
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)	2,501				21,986	
Tecolote Tunnel Infiltration	202				1,159	
Glen Anne Reservoir	0				0	
Cachuma Lake (County Park)	4				24	
State Water Diversion Credit	1,121				7,344	
Bishop Ranch Diversion	0				0	
Meter Reads	1,475				15,289	
So. Coast Storage gain/(loss)	39				19	
Total Production	2,706				23,169	
Total Deliveries	2,635				22,652	
Unaccounted-for	70				517	
% Unaccounted-for	2.60%				2.23%	
	GWD	SB CITY	MWD	CVWD	SYRWCD	TOTAL
WATER USE:	I.D. #1					
M&I	443	573	0	130	4	1,149
Agricultural	183		0	142		325
TOTAL FOR MONTH	626	573	0	272	4	1,475
Same Mo/prev. yr	1,074	1,236	399	318	10	3,037
M&I Yr to date	3,561	7,102	1,014	961	23	12,660
Ag. Yr to date	1,425	0	157	1,073	0	2,655
TOTAL YTD	4,986	7,102	1,171	2,034	23	15,316
USAGE % YTD	51.9%	61.4%	30.4%	64.9%	2.4%	51.2%
Previous Year/YTD	7,948	7,134	2,866	2,434	46	20,428
Evaporation	0	0	0	0	0	0
Evaporation, YTD	2	33	13	2	20	70
Entitlement	9,322	8,277	2,651	2,813	2,651	25,714
Carryover	216	2,677	782	179	475	4,329
Carryover Balances Spilled YTD	0	0	0	0	0	0
Surplus [^]	0	0	0	0	0	0
State Water Exchange [^]	322	135	296	143	(896)	0
Transfers/Adjustment [#]	(241)	534	172	0	(465)	0
Passthrough H2O ^{**}	0	0	0	0	0	0
TOTAL AVAILABLE	9,619	11,623	3,901	3,135	1,765	30,043
REMAINING BALANCE	4,631	4,488	2,717	1,099	1,722	14,657

^{**} City is operating under pass through mode declared November 2008.

State Water Deliveries for June to Lake Cachuma were: MWD 318 AF; CVWD 50 AF

GWD 432 AF (Morehart 5 AF); City of S.B. 432 AF; and LaCumbre 115 AF: (Ratheon 0 AF).

[^] Per SWP Exchange Agrmt GWD received 0 AF; MWD received 0 AF;

City of SB received 0 AF; and CVWD received 0 AF from ID#1 in June 2014.

[#] Transfer per Juncal agreement October 2013 / GWD transfer to City November 2013 - 240.81 AF per overlap agreement

[#] SYRWCD ID No. 1 transferred 465 af to MWD effective 4/2/2014

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **June 2014**

GLEN ANNIE RESERVOIR

Capacity at 385' elevation:	518 Acre Feet
Capacity at sill of intake at 334' elevation:	21 Acre Feet
Stage of Reservoir Elevation	347.00 Feet
Water in Storage	87.85 Acre Feet

LAURO RESERVOIR

Capacity at 549' elevation:	600 Acre Feet
Capacity at sill of intake at 512' elevation:	84.39 Acre Feet
Stage of Reservoir Elevation	547.10 Feet
Water in Storage	551.91 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	451.20 Feet
Water in Storage	33.38 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	375.40 Feet
Water in Storage	24.37 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	39.44 Acre Feet
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CACHUMA RESERVOIR*

Capacity at 750' elevation:	186,636 Acre Feet
Capacity at sill of tunnel 660' elevation:	25,668 Acre Feet

Stage of Reservoir Elevation	696.91 Feet
Water in Storage	69,647 AF
Surface Area	1,545
Evaporation	1,114.0 AF
Inflow	330 AF
Downstream Release WR8918	0.0 AF
Fish Release (Hilton Creek)	190.3 AF
Outlet	183.0 AF
Spill/Seismic Release	0 AF
State Project Water	1268 AF
Change in Storage	-2,390 AF
Tecolote Diversion	2,500.5 AF

Rainfall: Month: 0.00 Season: 9.98 Percent of Normal: 49%

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

Contract Year: 10/1/13 to: 9/30/14

Contract Entity: **Montecito Water District**
 Last updated by C.O.M.B. 6/30/14

Month	Approved Schedule Current Year		Carryover Previous Year	TOTAL WATER USED				WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT			
	M & I	Agr		total	Evap	Acre-feet		M & I	Agr	M & I	Agr	M & I	Agr	Total	
						Div	Total								
Oct	0	0	0	7	0	7	7	0	0	0	0	0	0		
Nov	338	46	383	4	383	388	341	46	0	0	0	0	0		
Dec	287	34	321	2	321	323	288	34	0	0	0	0	0		
Jan	304	61	365	0	64	65	54	11	0	0	250	50	300		
Feb	47	10	57	0	0	0	0	0	0	0	47	10	57		
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0		
Apr	39	6	45	0	0	0	0	0	0	0	39	6	45		
May	0	0	0	0	0	0	0	0	0	0	0	0	0		
Jun	0	0	0	0	0	0	0	0	0	0	0	0	0		
Jul	0	0	0	0	0	0	0	0	0	0	0	0	0		
Aug	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sep	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	1,014	157	1,171												

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	0	0	0	0	0	0
Nov	341	-341	0	0	0	0	2,386	265
Dec	288	-288	0	0	0	0	(134)	0
Jan	54	-54	247	0	(247)	0	2	2
Feb	-774	774	47	0	(47)	0	1	1
Mar	774	-774	-343	0	343	0	11	11
Apr	-774	774	0	0	0	0	465	37
May	774	-774	0	0	0	0	37	38
Jun	-774	774	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	782	470

Month	REMAINING BALANCES		TOTAL	
	M & I	Agr	M & I	Agr
Oct	0	0	0	0
Nov	-387	0	387	0
Dec	-709	0	65	0
Jan	-774	0	0	0
Feb	-774	0	0	0
Mar	-774	0	0	0
Apr	-774	0	0	0
May	-774	0	0	0
Jun	-774	0	0	0
Jul	-774	0	0	0
Aug	-774	0	0	0
Sep	-774	0	0	0
Total	0	0	775	0

TOTAL 2,717

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

Contract Year: 10/1/13 to: 9/30/14

Contract Entity: City of Santa Barbara
 Last updated by C.O.M.B. 6/30/14

Month	Approved Schedule		Carryover Previous Year	WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT		
	Current Year	8277		2677	Evap	Div	Total	M & I	Agr	Total
Oct	0	1,168	0	23	1,168	1,191	1,191	0	0	0
Nov	0	1,140	0	9	1,140	1,148	1,148	0	0	0
Dec	0	904	0	1	336	337	337	0	568	568
Jan	0	1,018	0	0	0	0	0	0	1,018	1,018
Feb	0	252	0	0	0	0	0	0	252	252
Mar	0	479	0	0	0	0	0	0	479	479
Apr	0	742	0	0	0	0	0	0	742	742
May	0	826	0	0	0	0	0	0	826	826
Jun	0	573	0	0	0	0	0	0	573	573
Jul	0		0							
Aug	0		0							
Sep	0		0							
Total	0	7,101	0	0	0	0	0	0	0	0

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Month	REMAINING BALANCES		REMAINING BALANCES	
	Total	M & I	Total	M & I
Oct	1486	1486	0	8570
Nov	337	338	0	8811
Dec	0	1	0	8243
Jan	0	1	0	7225
Feb	0	1	0	6973
Mar	0	1	0	6516
Apr	0	1	0	5811
May	0	1	0	5061
Jun	0	1	0	4488
Jul	0	1	0	0
Aug	0	1	0	0
Sep	0	1	0	0
Total	1486	1486	0	8570

TOTAL 4,488

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

Contract Entity: Santa Ynez River Water Conservation District, ID#1
 Last updated by C.O.M.B. 6/30/14
 Contract Year: 10/1/13 to: 9/30/14

Month	TOTAL WATER USED Acre-feet			WATER USE CHARGED TO CARRYOVER BALANCES Acre-feet				WATER USE CHARGED TO CURRENT ENTITLEMENT Acre-feet				
	M & I	Agr	Total	Evap	Div	Total	M & I	Agr	Total	M & I	Agr	Total
Oct	6	0	6	4	11	11	11	0	0	0	0	0
Nov	2	0	2	3	5	5	5	0	0	0	0	0
Dec	2	0	2	2	4	4	4	0	0	0	0	0
Jan	2	0	2	3	5	5	5	0	0	0	0	0
Feb	2	0	2	3	4	4	4	0	0	0	0	0
Mar	1	0	1	5	6	6	6	0	0	0	0	0
Apr	2	0	2	0	2	2	2	0	0	0	0	0
May	2	0	2	0	0	0	0	0	0	2	2	2
Jun	4	0	4	0	0	0	0	0	0	4	4	4
Jul	0	0	0	0	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0	0	0	0	0
Total	25	0	25	475	475	475	475	459	16	863	1,788	2,651

CONVERSIONS

STORAGE WATER	M & I	Agr	Month
CURRENT SCHEDULE	M & I	Agr	Month
0	0	0	Oct
0	0	0	Nov
4	0	0	Dec
5	0	0	Jan
4	0	0	Feb
6	0	0	Mar
2	0	0	Apr
0	0	0	May
0	0	0	Jun
0	0	0	Jul
0	0	0	Aug
0	0	0	Sep

SCHEDULE AND REVISIONS

Total	M & I	Agr	Total
475	16	459	2,651
Begin Bal	666	(265)	(331)
Ex cwwd-53/gwd-119/city-0/mwd-159	(5)	(1)	(5)
Ex cwwd-11/gwd-2/city-0/mwd-2	(1)	(1)	(1)
Ex mwd-1	(43)	(49)	(92)
Ex cwwd-15/gwd-33/city-22/mwd-22	(55)	(125)	(180)
Ex cwwd-24/gwd-55/city-37/mwd-37 (trnsfr to MWD -465af)	(115)	(199)	(314)
Ex cwwd-50/gwd-113/city-76/mwd-75			

REMAINING BALANCES

COUNTY PARKS		Total	M & I	Agr	Total
A.F. Used	6.37	464	5	459	2320
Oct	2.24	460	0	459	2315
Nov	2.21	455	0	455	2314
Dec	2.11	451	0	450	2314
Jan	1.62	446	0	446	2314
Feb	1.47	440	0	440	2222
Mar	2.10	0	0	0	2042
Apr	2.43	0	0	0	1726
May		0	0	0	1349.2
Jun		0	0	0	1722
Jul		0	0	0	
Aug		0	0	0	
Sep		0	0	0	
TOTAL		1,722			

*NOTE:

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

Contract Entity: Santa Barbara Co. Water Agency
 Last updated by C.O.M.B. 6/30/14

Contract Year: 10/1/13 to: 9/30/14

Month	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT					
	Use %	Acre-feet		Evap	Acre-feet		M & I	Acre-feet				
		M & I	Agr		Total	Div		Total	M & I	Agr	Total	
Oct	8.74%	2,125	462	38	1,566	1,604	1,449	155	713	308	1,021	
Nov	8.88%	2,253	401	16	1,525	1,541	1,494	46	773	355	1,128	
Dec	7.52%	1,867	387	5	659	664	629	34	1,242	353	1,595	
Jan	7.35%	1,834	371	3	66	70	59	11	1,778	360	2,138	
Feb	1.31%	337	54	3	2	4	4	0	336	54	390	
Mar	1.93%	527	48	5	1	6	6	0	525	48	573	
Apr	4.14%	1,079	182	0	2	2	2	0	1,077	182	1,259	
May	6.28%	1,490	425	0	0	0	0	0	1,490	425	1,915	
Jun	4.91%	1,150	325	0	0	0	0	0	1,150	325	1,475	
Jul		0	0									
Aug		0	0									
Sep		0	0									
Total		12,663	2,655			4,329	3,014	1,324	19,401	6,313	25,714	

CONVERSIONS

CURRENT SCHEDULE			SCHEDULE AND REVISIONS		
Month	M & I	Agr	Month	M & I	Agr
Oct	0	0	Begin Bal	19,401	6,313
Nov	0	0		212	(212)
Dec	0	0		(1)	1
Jan	247	-247		0	0
Feb	47	-47		0	0
Mar	-343	343		0	0
Apr	0	0		24	(24)
May	0	0		500	(62)
Jun	0	0		98	(98)
Jul	0	0		0	0
Aug	0	0		0	0
Sep	0	0		0	0
Total			Total	4,329	1,324

COUNTY PARKS

REMAINING BALANCES		
Month	M & I	Agr
Oct	6.37	1491
Nov	2.24	338
Dec	2.21	1
Jan	2.11	1
Feb	1.62	-773
Mar	1.47	1
Apr	2.10	-773
May	2.43	0
Jun	3.57	-773
Jul		
Aug		
Sep		
Total	2725	1491

TOTAL

14,657

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

MONTH	DELVRD TO LAKE	CVWD		MWD		S.B.		GWD		LCMWC		RSYS		MLC		
		Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to SC
2013																
Bal. Frwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	216	0	136	0	0	0	0	0	0	0	0	0	0	0	0	0
June	217	0	57	0	0	0	0	0	0	0	131	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	91	0	0	0	0	0
August	641	0	81	0	0	0	0	500	0	60	91	0	0	0	0	0
September	922	50	525	0	0	0	0	297	0	50	50	0	0	0	0	0
October	901	200	601	38	0	0	0	0	0	100	81	0	0	0	0	0
November	115	115	0	0	0	0	0	0	0	0	81	0	0	0	0	0
December	146	109	0	0	0	0	0	12	0	25	24	0	0	0	0	0
Total	3213	474	1400	0	1400	0	0	809	0	809	530	24	0	506	0	0

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

MONTH	DELVRD TO LAKE	CVWD		MWD		S.B.		GWD		LCMWC		RSYS		MLC		
		Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to Lake	Stored	Delvd to SC
2014																
Bal. Frwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	875	54	82	0	0	82	0	615	0	42	0	0	0	0	0	0
February	1368	133	200	0	0	200	0	749	181	86	21	0	0	0	0	0
March	1362	105	245	82.87	0	162.1	286	648	154	78	64	0	0	0	0	0
April	486	0	93	0	0	176	0	176	0	39	20	0	0	0	0	0
May	1265	30	362	80.94	0	281.1	362	388	0	120	68.43	0	0	0	0	0
June	1268	50	318	62.96	0	255	348	432	0	115	83.78	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6624	372	1300	226.6	0	1156	1456	3008	335.6	480	257	1	245	0	8	0

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

JULY 2014

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: July 23, 2014

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	CCWA INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.				EVAP		PRECIP INCHES
		ACRE-FEET IN LAKE	CHANGE				TUNNEL	HILTON CREEK	OUTLET	SPILLWAY	AF.	INCH	
1	696.91	69,647		22.4	42.2	.0	103.2	8.1	3.0	.0	42.3	.406	.00
2	696.85	69,555	-92	10.8	42.1	.0	105.6	8.1	3.0	.0	29.2	.280	.00
3	696.79	69,462	-93	18.6	42.2	.0	68.8	8.1	2.0	.0	42.9	.412	.00
4	696.75	69,401	-61	12.6	42.1	.0	77.1	8.1	3.0	.0	43.5	.418	.00
5	696.70	69,324	-77	40.0	42.2	.0	87.8	8.1	2.0	.0	45.3	.436	.00
6	696.66	69,263	-61	28.4	38.1	.0	70.0	8.1	3.0	.0	47.4	.456	.00
7	696.62	69,201	-62	6.1	42.3	.0	78.2	8.0	3.0	.0	51.2	.493	.00
8	696.56	69,109	-92	8.9	42.3	.0	100.4	8.1	2.0	.0	47.7	.460	.00
9	696.49	69,002	-107	15.6	42.3	.0	111.1	8.1	3.0	.0	43.7	.422	.00
10	696.42	68,894	-108	13.2	42.2	.0	101.9	8.0	3.0	.0	34.5	.333	.00
11	696.36	68,802	-92	7.4	42.3	.0	90.6	8.1	2.0	.0	41.0	.396	.00
12	696.30	68,710	-92	10.3	42.2	.0	83.8	8.0	3.0	.0	34.7	.336	.00
13	696.25	68,633	-77	2.7	42.2	.0	89.3	8.0	3.0	.0	36.6	.354	.00
14	696.19	68,541	-92	22.7	42.2	.0	77.4	8.0	2.0	.0	39.5	.383	.00
15	696.15	68,479	-62	10.6	42.2	.0	67.2	8.1	3.0	.0	20.5	.199	.00
16	696.12	68,433	-46	11.1	42.1	.0	79.8	8.0	2.0	.0	39.4	.382	.00
17	696.07	68,357	-76	4.7	42.2	.0	83.2	8.0	3.0	.0	29.7	.288	.00
18	696.02	68,280	-77	4.9	42.1	.0	90.9	8.0	3.0	.0	37.1	.360	.00
19	695.96	68,188	-92	1.9	42.1	.0	89.6	8.0	2.0	.0	35.4	.344	.00
20	695.90	68,097	-91	2.2	42.2	.0	89.0	8.0	3.0	.0	19.4	.189	.00
21	695.85	68,022	-75	1.1	42.1	.0	74.7	8.0	3.0	.0	33.5	.326	.00
22	695.80	67,946	-76	9.8	42.1	.0	81.4	8.0	2.0	.0	36.5	.355	.00
23	695.75	67,870	-76	13.9	42.1	.0	80.4	8.0	3.0	.0	40.6	.396	.00
23	695.70	67,794	-76										
TOTAL (AF)			-1,853	279.9	966.1	.0	1,981.4	185.0	61.0	.0	871.6	8.424	.00
(AVG)		68,668											

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION MINUS PRECIP ON THE RESERVOIR SURFACE AND CCWA INFLOW.

DATA BASED ON 24-HOUR PERIOD ENDING 0800.

INDICATED OUTLETS RELEASE INCLUDE ANY LEAKAGE AROUND GATES.



**Santa Barbara County Community Services Department
Parks Division, Cachuma Lake Recreation Area**

**Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: **JUNE 2014****

CACHUMA LAKE BOAT LAUNCH DATA:

Cachuma Lake Recreation Area Boat Launch Data -- JUNE 2014		
Inspection Data		
Total Vessels entering Park	283	
Total Vessels launched	270	
Total Vessels Quarantined	13	5%
Returning with Boat Launch Tag	203	75%
New: Removed from Quarantine	10	4%
Kayak/Canoe: Inspected, launched	57	21%
4-stroke Engines	88	33%
2-strokes, w/CARB star ratings	68	25%
2-strokes, NO emissions ratings	57	21%
Quarantine Data		
Total Vessels Quarantined	13	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	13	
Quarantine Reasons -- Can be several for 1 boat		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	1	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	13	
Demographic Data		
Quarantined from infected county	1	
Quarantined from SB County	7	
Quarantined from uninfected co	5	

* These conditions will not be tracked while the mandatory 30-day quarantine is adopted, as of 15 April 2014.

Boat Launch Tags: Boats with Cachuma Lake Boat Launch Tags attached to boat and trailer. These boats have not been removed from trailer since last visit to lake and are not subject to inspection or decontamination.

No mussel species have been located on any vessel entering Cachuma Lake as of JUNE 30, 2014.

CACHUMA LAKE QUAGGA SURVEY:

Summary: No Dreissenid mussels were detected
 Inspection site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time : 2014.06.17; 1330 – 1600 PDT
 Method: 8 PVC/Cement Sampling Stations; 182 linear feet of line
 Surveyors: Liz Gaspar, Kevin Franzman (Parks Division, CSD), Keith Yaeger (Sea Grant).
 Lake Elevation: 697.67 from maximum of 753 feet