

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

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

Monday, April 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 March 24, 2014 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
4. **BOARD AUTHORIZATION TO PURCHASE REPLACEMENT AIR DUCT IN LAURO TUNNEL FROM REED MECHANICAL SYSTEMS AT THE COST OF \$25,800**
Action: Recommend approval by motion and roll call vote of the Board:
5. **CONSIDER APPROVAL OF LAND USE AUTHORIZATION PACKAGE**
Action: Recommend approval by motion and roll call vote of the Board:
6. **GENERAL MANAGERS REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
 - USBR Site Inspection
 - NP Elevator Rehabilitation
 - Quagga Mussel
 - General Manager Letter to USBR
 - Santa Barbara County Drought Task Force (DTF)
 - Drought Emergency Pumping Facility Project

- Engineering Services
 - Infrastructure Improvement Plan (IIP)
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
 - 2013 Annual Report
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
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. **MEETING SCHEDULE**
- **May 19, 2014 at 2:00 P.M., COMB Office, due to the Memorial Day Holiday the regular Board meeting is a week earlier**
 - **Board Packages Available on COMB Website**
www.cachuma-board.org
13. **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, March 24, 2014**

1. Call to Order, Roll Call

The meeting was called to order at 2:01 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

Directors Absent:

Dale Francisco	City of Santa Barbara
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Others present:

Randall Ward	Tony Trembley
Janet Gingras	Tim Robinson
Adelle Capponi	Sara Bush
Ruth Snodgrass	Matt Naftaly
Joshua Haggmark	Dave Stewart
Phil Walker	

Randy Ward, General Manager, introduced Dave Stewart, COMB's newly hired Operations Supervisor.

2. Public Comment

Phil Walker commented on the drought.

3. Consent Agenda

- a. **Minutes:**
February 24, 2014 Regular Board Meeting
- b. **Investment Funds**
Financial Report
Investment Report
- c. **Payment of Claims**

Director Morgan moved to approve the consent agenda. Director Orozco requested that his request for an agenda item at the February meeting be added to the minutes. He requested that an agenda item be added regarding the consequences of a Member Unit taking more than their allocation of water. President Hanson stated that the request would be taken under consideration and added to the February 24, 2014 minutes. The motion included the revision to the minutes. Seconded by Director Beebe, passed by a roll call vote 7/0/0:

Ayes: Beebe, Morgan, Orozco, Hanson

Nays: None

Absent: Francisco

Abstain: None

4. Verbal Reports from the Board Committees

a. Operations Committee Meeting – March 12, 2014

Director Morgan reported on the meeting, the committee previewed the Infrastructure Improvement Plan which will be sent to the Member Units for review and then back to the Operations Committee and then to the Board.

5. General Managers Report

Randall Ward, General Manager, highlighted the report included in the board packet. Mr. Ward's report included the Emergency Pumping Facility Project and Funding, the AVAR bid package, the North Portal Elevator rehabilitation, the County Board of Supervisors Quagga Mussel update, the Santa Barbara County Drought Task Force meeting, the draft Infrastructure Improvement Plan for COMB, the North Portal Intake Tower – gate guides and stem inspection and the Hilton Creek incidents.

Mr. Ward reported that a tour and briefing was held for Senator Hannah-Beth Jackson at Lake Cachuma, she has been involved with funding for the drought.

Phil Walker commented.

6. Report on Quiota Creek Fish Passage Improvement Project – Crossing 1

Tim Robinson, Fisheries Division Manager, highlighted the report in the board packet which included the final Financial Report for the project.

7. Progress Report on Lake Cachuma Oak Tree Program

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

8. Operations Division Report

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

9. Fisheries Division Report

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

10. Monthly Cachuma Project Reports

a. Cachuma Water Reports

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

b. Cachuma Reservoir Current Conditions

The Lake Cachuma Daily Operations report through March 19, 2014 was included in the board packet.

c. Lake Cachuma Quagga Survey

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

11. Directors' Requests for Agenda Items for Next Meeting

Director Orozco requested that an agenda item be added regarding the consequences of a Member Unit using more than their allocation of water.

Counsel Tony Trembley announced that following a break the Board would convene into closed session for Item #12 of the agenda.

The Board took a break at 3:27 p.m.

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 and Maintenance Board, Santa Barbara Superior Court Case No. 1438821

The Board went into closed session at 3:37 p.m.

18. Reconvene into Open Session [Government Code Section 54957.7]

Disclosure of actions taken in closed session, as applicable

[Government Code Section 54957.1]

The Board came out of closed session at 3:52 p.m. There was no action to report out of closed session.

20. Meeting Schedule

•The next regular Board meeting will be held April 28, 2014 at 2:00 p.m.

•The Agendas and Board Packets are available on the COMB website, www.cachuma-board.org

21. COMB Adjournment

There being no further business, the meeting was adjourned at 3:53 p.m.

Respectfully submitted,

Randall Ward, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

Approved _____

Unapproved _____ ✓

4/22/2014

Accrual Basis

COMB
Statement of Net Assets
As of March 31, 2014

ASSETS

Current Assets

Checking/Savings

TRUST FUNDS

1210 · WARREN ACT TRUST FUND 124,559.17

1220 · RENEWAL FUND 51,956.91

Total TRUST FUNDS 176,516.08

1050 · GENERAL FUND 1,785,723.98

1100 · REVOLVING FUND 8,938.30

Total Checking/Savings 1,971,178.36

Other Current Assets

1010 · PETTY CASH 500.00

1200 · LAIF 3,888.73

1303 · Bradbury SOD Act Assmnts Rec 74,323.00

1304 · Lauro Dam SOD Assesmnt Rec 13,216.00

1305 · ACCRUED INTEREST RECEIVABLE 2.36

1400 · PREPAID INSURANCE 18,211.72

Total Other Current Assets 110,141.81

Total Current Assets 2,081,320.17

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 8,661,520.39

4/22/2014

Accrual Basis

COMB
Statement of Net Assets
As of March 31, 2014

LIABILITIES & NET ASSETS

Liabilities

Current Liabilities

Accounts Payable

2200 · ACCOUNTS PAYABLE	1,677,649.12
Total Accounts Payable	<u>1,677,649.12</u>

Other Current Liabilities

Payroll-DepPrm Admin	24.62
Payroll-DepPrm FD	4.62
Payroll-DepPrm Ops	585.27
2550 · VACATION/SICK	98,242.62
2561 · CACHUMA ENTITLEMENT	-816,953.10
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	176,516.08
Total Other Current Liabilities	<u>-367,030.74</u>

Total Current Liabilities	1,310,618.38
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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	<u>6,813,787.07</u>

Total Liabilities	8,124,405.45
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NET POSITION

3901 · Retained Net Assets	281,767.71
Net Income	255,347.23
Total Net Assets	<u>537,114.94</u>

TOTAL LIABILITIES & NET POSITION	<u><u>8,661,520.39</u></u>
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comb2
Statement of Revenues and Expenditures
Budget vs. Actuals July 2013 - Jun 2014

	Fisheries			Operations			TOTAL			
	Jul '13 - Mar '14	\$ Over Budget	% of Budget	Jul '13 - Mar '14	\$ Over Budget	% of Budget	Jul '13 - Mar '14	Budget	\$ Over Budget	% of Budget
Income										
3000 REVENUE										
3001 - O&M Budget (Qty Assessments)	797,618.64	-267,180.36	74.9%	1,768,591.80	2,058,123.00	85.9%	2,566,210.44	3,122,922.00	-556,711.56	82.2%
3002 - Drought Contingency Rsv Fund	0.00	0.00		300,000.01	300,000.00	100.0%	300,000.01	300,000.00	0.01	100.0%
3006 - Warren Act	16,555.00	0.00	100.0%	0.00	0.00		16,555.00	16,555.00	0.00	100.0%
3007 - Renewal Fund	201,169.47	-41,742.53	82.8%	363.67	242,912.00		201,169.47	242,912.00	-41,742.53	82.8%
3010 - Interest Income	0.00	0.00		618.71	0.00		363.67	0.00	363.67	100.0%
3020 - Misc Income	0.00	0.00		618.71	0.00		618.71	0.00	618.71	100.0%
3028 - Quilota Crk X1-CW Cons Bnd	0.00	-150,000.00	0.0%	0.00	0.00		0.00	150,000.00	-150,000.00	0.0%
3027 - Quilota Crk X1-CDFG Grant	0.00	-521,141.00	0.0%	0.00	0.00		0.00	521,141.00	-521,141.00	0.0%
3035 - Cachueta Project Betterment Fund	75,270.95	-14,729.05	83.6%	0.00	0.00		75,270.95	90,000.00	-14,729.05	83.6%
Total 3000 REVENUE	1,090,614.06	-994,792.94	52.3%	2,069,574.19	2,358,123.00	87.8%	3,160,188.25	4,443,530.00	-1,283,341.75	71.1%
Total Income	1,090,614.06	-994,792.94	52.3%	2,069,574.19	2,358,123.00	87.8%	3,160,188.25	4,443,530.00	-1,283,341.75	71.1%
Gross Profit	1,090,614.06	-994,792.94	52.3%	2,069,574.19	2,358,123.00	87.8%	3,160,188.25	4,443,530.00	-1,283,341.75	71.1%
Expense										
PAYROLL										
Gross	0.00	0.00		0.05	0.00		0.05	0.00	0.05	100.0%
Gross-FD	-0.05	0.00		0.00	0.00		-0.05	0.00	-0.05	100.0%
Total PAYROLL	-0.05	0.00		0.05	0.00		0.00	0.00	0.00	0.0%
3100 - LABOR - OPERATIONS										
3101-A - Ops Supervisor	0.00	0.00		3,282.96	0.00		3,282.96	0.00	3,282.96	100.0%
3101-B - Bereavement Leave	0.00	0.00		313.23	0.00		313.23	0.00	313.23	100.0%
3101-E - Engineer	0.00	0.00		44,747.02	0.00		44,747.02	0.00	44,747.02	100.0%
3101-H - Holiday Leave	0.00	0.00		12,887.95	0.00		12,887.95	0.00	12,887.95	100.0%
3101-J - Jury Duty	0.00	0.00		1,574.12	0.00		1,574.12	0.00	1,574.12	100.0%
3101-S - Sick Leave	0.00	0.00		10,481.44	0.00		10,481.44	0.00	10,481.44	100.0%
3101-V - Vacation Leave	0.00	0.00		11,833.80	0.00		11,833.80	0.00	11,833.80	100.0%
3102 - Meter Reading	0.00	0.00		2,757.42	0.00		2,757.42	0.00	2,757.42	100.0%
3103 - SCC Ops	0.00	0.00		100,325.00	0.00		100,325.00	0.00	100,325.00	100.0%
3104 - Veh & Equip Mctc	0.00	0.00		951.44	0.00		951.44	0.00	951.44	100.0%
3105 - SCADA	0.00	0.00		7,303.94	0.00		7,303.94	0.00	7,303.94	100.0%
3106 - Rodent Bait	0.00	0.00		6,240.06	0.00		6,240.06	0.00	6,240.06	100.0%
3107 - NORTH PORTAL										
3107-1 - NP INTAKE TOWER										
3107-1a - Maintenance	0.00	0.00		3,265.96	0.00		3,265.96	0.00	3,265.96	100.0%
3107-1b - Cleaning	0.00	0.00		490.26	0.00		490.26	0.00	490.26	100.0%
3107-1f - Operations	0.00	0.00		217.12	0.00		217.12	0.00	217.12	100.0%
3107-1h - Inspection	0.00	0.00		138.50	0.00		138.50	0.00	138.50	100.0%
3107-1i - Engineering	0.00	0.00		3,549.51	0.00		3,549.51	0.00	3,549.51	100.0%
3107-1j - Rehabilitation	0.00	0.00		1,133.96	0.00		1,133.96	0.00	1,133.96	100.0%
Total 3107-1 - NP INTAKE TOWER	0.00	0.00		8,795.31	0.00		8,795.31	0.00	8,795.31	100.0%
3107-2 - NP CONTROL STATION										
3107-2a - Maintenance	0.00	0.00		4,111.95	0.00		4,111.95	0.00	4,111.95	100.0%
3107-2f - Operations	0.00	0.00		1,127.17	0.00		1,127.17	0.00	1,127.17	100.0%
3107-2h - Inspection	0.00	0.00		851.12	0.00		851.12	0.00	851.12	100.0%
3107-2i - Engineering	0.00	0.00		1,965.96	0.00		1,965.96	0.00	1,965.96	100.0%
Total 3107-2 - NP CONTROL STATION	0.00	0.00		8,056.20	0.00		8,056.20	0.00	8,056.20	100.0%
3107-3 - NP TECOLOTE TUNNEL										
3107-3a - Maintenance	0.00	0.00		98.37	0.00		98.37	0.00	98.37	100.0%
Total 3107-3 - NP TECOLOTE TUNNEL	0.00	0.00		98.37	0.00		98.37	0.00	98.37	100.0%
Total 3107 - NORTH PORTAL	0.00	0.00		16,949.88	0.00		16,949.88	0.00	16,949.88	100.0%
3108 - GLEN ANNE										
3108-1 - GA SOUTH PORTAL										
3108-1a - Maintenance	0.00	0.00		306.72	0.00		306.72	0.00	306.72	100.0%
3108-1d - Weed Management	0.00	0.00		303.84	0.00		303.84	0.00	303.84	100.0%
3108-1f - Operations	0.00	0.00		172.15	0.00		172.15	0.00	172.15	100.0%
3108-1g - Road	0.00	0.00		81.42	0.00		81.42	0.00	81.42	100.0%
3108-1h - Inspection	0.00	0.00		176.38	0.00		176.38	0.00	176.38	100.0%

Statement of Revenues and Expenditures

Budget vs. Actuals July 2013 - Jun 2014

	Fishes			Operations			TOTAL		
	Jul '13 - Mar '14	Budget	% of Budget	Jul '13 - Mar '14	Budget	% of Budget	Jul '13 - Mar '14	Budget	% of Budget
Total 3108-1 - GA SOUTH PORTAL	0.00	1,040.51	100.0%	1,040.51	0.00	100.0%	1,040.51	0.00	100.0%
3108-2 - GA RESERVOIR	0.00	2,059.97	100.0%	2,059.97	0.00	100.0%	2,059.97	0.00	100.0%
3108-2a - Maintenance	0.00	581.70	100.0%	581.70	0.00	100.0%	581.70	0.00	100.0%
3108-2b - Cleaning	0.00	664.48	100.0%	664.48	0.00	100.0%	664.48	0.00	100.0%
3108-2d - Weed Management	0.00	49.08	100.0%	49.08	0.00	100.0%	49.08	0.00	100.0%
3108-2f - Operations	0.00	340.87	100.0%	340.87	0.00	100.0%	340.87	0.00	100.0%
3108-2h - Inspection	0.00	3,696.10	100.0%	3,696.10	0.00	100.0%	3,696.10	0.00	100.0%
Total 3108-2 - GA RESERVOIR	0.00	3,696.10	100.0%	3,696.10	0.00	100.0%	3,696.10	0.00	100.0%
3108-3 - GA PUMP STATION	0.00	515.66	100.0%	515.66	0.00	100.0%	515.66	0.00	100.0%
3108-3a - Maintenance	0.00	138.50	100.0%	138.50	0.00	100.0%	138.50	0.00	100.0%
3108-3b - Cleaning	0.00	101.28	100.0%	101.28	0.00	100.0%	101.28	0.00	100.0%
3108-3d - Weed Management	0.00	755.44	100.0%	755.44	0.00	100.0%	755.44	0.00	100.0%
Total 3108-3 - GA PUMP STATION	0.00	755.44	100.0%	755.44	0.00	100.0%	755.44	0.00	100.0%
3108-4 - GA TURNOUT	0.00	333.00	100.0%	333.00	0.00	100.0%	333.00	0.00	100.0%
3108-4a - Maintenance	0.00	202.56	100.0%	202.56	0.00	100.0%	202.56	0.00	100.0%
3108-4d - Weed Management	0.00	110.80	100.0%	110.80	0.00	100.0%	110.80	0.00	100.0%
3108-4g - Road	0.00	646.36	100.0%	646.36	0.00	100.0%	646.36	0.00	100.0%
Total 3108-4 - GA TURNOUT	0.00	646.36	100.0%	646.36	0.00	100.0%	646.36	0.00	100.0%
Total 3108 - GLEN ANNE	0.00	6,138.41	100.0%	6,138.41	0.00	100.0%	6,138.41	0.00	100.0%
3110 - LAURO	0.00	9,205.51	100.0%	9,205.51	0.00	100.0%	9,205.51	0.00	100.0%
3110-1 - YARD	0.00	8,456.92	100.0%	8,456.92	0.00	100.0%	8,456.92	0.00	100.0%
3110-1a - Maintenance	0.00	98.37	100.0%	98.37	0.00	100.0%	98.37	0.00	100.0%
3110-1b - Cleaning	0.00	137.38	100.0%	137.38	0.00	100.0%	137.38	0.00	100.0%
3110-1e - Landscaping	0.00	131.16	100.0%	131.16	0.00	100.0%	131.16	0.00	100.0%
3110-1f - Operations	0.00	61.92	100.0%	61.92	0.00	100.0%	61.92	0.00	100.0%
3110-1h - Inspection	0.00	18,091.26	100.0%	18,091.26	0.00	100.0%	18,091.26	0.00	100.0%
3110-1j - Rehabilitation	0.00	2,460.12	100.0%	2,460.12	0.00	100.0%	2,460.12	0.00	100.0%
Total 3110-1 - YARD	0.00	110.80	100.0%	110.80	0.00	100.0%	110.80	0.00	100.0%
3110-2 - CONTROL STATION	0.00	92.88	100.0%	92.88	0.00	100.0%	92.88	0.00	100.0%
3110-2a - Maintenance	0.00	110.80	100.0%	110.80	0.00	100.0%	110.80	0.00	100.0%
3110-2h - Inspection	0.00	2,774.60	100.0%	2,774.60	0.00	100.0%	2,774.60	0.00	100.0%
3110-2i - Engineering	0.00	696.92	100.0%	696.92	0.00	100.0%	696.92	0.00	100.0%
3110-2j - Rehabilitation	0.00	317.74	100.0%	317.74	0.00	100.0%	317.74	0.00	100.0%
Total 3110-2 - CONTROL STATION	0.00	83.10	100.0%	83.10	0.00	100.0%	83.10	0.00	100.0%
3110-3 - RESERVOIR	0.00	358.68	100.0%	358.68	0.00	100.0%	358.68	0.00	100.0%
3110-3a - Maintenance	0.00	49.08	100.0%	49.08	0.00	100.0%	49.08	0.00	100.0%
3110-3b - Cleaning	0.00	375.91	100.0%	375.91	0.00	100.0%	375.91	0.00	100.0%
3110-3d - Weed Management	0.00	1,881.43	100.0%	1,881.43	0.00	100.0%	1,881.43	0.00	100.0%
3110-3e - Landscaping	0.00	22,747.29	100.0%	22,747.29	0.00	100.0%	22,747.29	0.00	100.0%
3110-3f - Operations	0.00	415.50	100.0%	415.50	0.00	100.0%	415.50	0.00	100.0%
3110-3h - Inspection	0.00	415.50	100.0%	415.50	0.00	100.0%	415.50	0.00	100.0%
Total 3110-3 - RESERVOIR	0.00	54.28	100.0%	54.28	0.00	100.0%	54.28	0.00	100.0%
3111 - OFFICE	0.00	54.28	100.0%	54.28	0.00	100.0%	54.28	0.00	100.0%
3111-1 - CREW OFFICE	0.00	469.78	100.0%	469.78	0.00	100.0%	469.78	0.00	100.0%
3111-1f - Operations	0.00	4,551.58	100.0%	4,551.58	0.00	100.0%	4,551.58	0.00	100.0%
Total 3111-1 - CREW OFFICE	0.00	271.40	100.0%	271.40	0.00	100.0%	271.40	0.00	100.0%
3111-2 - IMPLANTS	0.00	469.78	100.0%	469.78	0.00	100.0%	469.78	0.00	100.0%
3111-2a - Maintenance	0.00	54.28	100.0%	54.28	0.00	100.0%	54.28	0.00	100.0%
Total 3111-2 - IMPLANTS	0.00	54.28	100.0%	54.28	0.00	100.0%	54.28	0.00	100.0%
Total 3111 - OFFICE	0.00	469.78	100.0%	469.78	0.00	100.0%	469.78	0.00	100.0%
3112 - SHEEFIELD	0.00	4,551.58	100.0%	4,551.58	0.00	100.0%	4,551.58	0.00	100.0%
3112-1 - CONTROL STATION	0.00	271.40	100.0%	271.40	0.00	100.0%	271.40	0.00	100.0%
3112-1a - Maintenance	0.00	4,551.58	100.0%	4,551.58	0.00	100.0%	4,551.58	0.00	100.0%
3112-1b - Cleaning	0.00	271.40	100.0%	271.40	0.00	100.0%	271.40	0.00	100.0%

Statement of Revenues and Expenditures

Budget vs. Actuals July 2013 - Jun 2014

	Fisheries			Operations			TOTAL		
	Jul '13 - Mar '14	Budget	% of Budget	Jul '13 - Mar '14	Budget	% of Budget	Jul '13 - Mar '14	Budget	% of Budget
3112-1j - Rehabilitation	0.00	498.60		498.60	0.00		498.60	0.00	100.0%
Total 3112-1 - CONTROL STATION	0.00	5,321.58		5,321.58	0.00		5,321.58	0.00	100.0%
3112-2 - TUNNEL	0.00	434.24		434.24	0.00		434.24	0.00	100.0%
3112-2b - Cleaning	0.00	3,626.99		3,626.99	0.00		3,626.99	0.00	100.0%
3112-2h - Inspection	0.00	4,061.23		4,061.23	0.00		4,061.23	0.00	100.0%
Total 3112-2 - TUNNEL	0.00	9,382.81		9,382.81	0.00		9,382.81	0.00	100.0%
Total 3112 - SHEFFIELD	0.00				0.00			0.00	
3113 - ORTEGA									
3113-1 - CONTROL STATION									
3113-1a - Maintenance	0.00	8,748.55		8,748.55	0.00		8,748.55	0.00	100.0%
3113-1b - Cleaning	0.00	484.20		484.20	0.00		484.20	0.00	100.0%
3113-1f - Operations	0.00	217.12		217.12	0.00		217.12	0.00	100.0%
3113-1i - Engineering	0.00	135.70		135.70	0.00		135.70	0.00	100.0%
3113-1j - Rehabilitation	0.00	2,419.22		2,419.22	0.00		2,419.22	0.00	100.0%
Total 3113-1 - CONTROL STATION	0.00	12,004.79		12,004.79	0.00		12,004.79	0.00	100.0%
3113-2 - RESERVOIR									
3113-2a - Maintenance	0.00	1,734.44		1,734.44	0.00		1,734.44	0.00	100.0%
3113-2d - Weed Management	0.00	144.24		144.24	0.00		144.24	0.00	100.0%
3113-2f - Operations	0.00	306.74		306.74	0.00		306.74	0.00	100.0%
3113-2h - Inspection	0.00	1,078.56		1,078.56	0.00		1,078.56	0.00	100.0%
Total 3113-2 - RESERVOIR	0.00	3,263.98		3,263.98	0.00		3,263.98	0.00	100.0%
Total 3113 - ORTEGA	0.00	15,268.77		15,268.77	0.00		15,268.77	0.00	100.0%
3114 - BOUNDARY METER									
3114-1 - VAULT									
3114-1a - Maintenance	0.00	560.94		560.94	0.00		560.94	0.00	100.0%
3114-1f - Operations	0.00	799.44		799.44	0.00		799.44	0.00	100.0%
3114-1h - Inspection	0.00	371.52		371.52	0.00		371.52	0.00	100.0%
Total 3114-1 - VAULT	0.00	1,731.90		1,731.90	0.00		1,731.90	0.00	100.0%
Total 3114 - BOUNDARY METER	0.00	1,731.90		1,731.90	0.00		1,731.90	0.00	100.0%
3115 - CARPINTERIA									
3115-1 - CONTROL STATION									
3115-1a - Maintenance	0.00	624.60		624.60	0.00		624.60	0.00	100.0%
Total 3115-1 - CONTROL STATION	0.00	624.60		624.60	0.00		624.60	0.00	100.0%
3115-2 - RESERVOIR									
3115-2a - Maintenance	0.00	3,873.15		3,873.15	0.00		3,873.15	0.00	100.0%
3115-2b - Cleaning	0.00	73.62		73.62	0.00		73.62	0.00	100.0%
3115-2d - Weed Management	0.00	1,378.04		1,378.04	0.00		1,378.04	0.00	100.0%
3115-2e - Landscaping	0.00	732.78		732.78	0.00		732.78	0.00	100.0%
3115-2h - Inspection	0.00	478.94		478.94	0.00		478.94	0.00	100.0%
Total 3115-2 - RESERVOIR	0.00	6,536.53		6,536.53	0.00		6,536.53	0.00	100.0%
Total 3115 - CARPINTERIA	0.00	7,161.13		7,161.13	0.00		7,161.13	0.00	100.0%
3116 - GOLETA REACH									
3116-1 - STRUCTURES									
3116-1a - Maintenance	0.00	12,270.08		12,270.08	0.00		12,270.08	0.00	100.0%
3116-1h - Inspection	0.00	568.26		568.26	0.00		568.26	0.00	100.0%
3116-1i - Engineering	0.00	433.44		433.44	0.00		433.44	0.00	100.0%
Total 3116-1 - STRUCTURES	0.00	13,271.78		13,271.78	0.00		13,271.78	0.00	100.0%
3116-2 - LATERAL METERS									
3116-2a - Maintenance	0.00	192.32		192.32	0.00		192.32	0.00	100.0%
Total 3116-2 - LATERAL METERS	0.00	192.32		192.32	0.00		192.32	0.00	100.0%
3116-4 - CONDUIT									
3116-4h - Inspection	0.00	768.66		768.66	0.00		768.66	0.00	100.0%
3116-4i - Engineering	0.00	928.80		928.80	0.00		928.80	0.00	100.0%

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

	Fisheries			Operations			TOTAL		
	Jul '13 - Mar '14	Budget	% of Budget	Jul '13 - Mar '14	Budget	% of Budget	Jul '13 - Mar '14	Budget	% of Budget
Total 3116-4 - CONDUIT	0.00			1,697.46			1,697.46	0.00	100.0%
Total 3116 - GOLETA REACH	0.00			15,161.56			15,161.56	0.00	100.0%
3117 - CARPINTERIA REACH									
3117-1 - STRUCTURES	0.00			13,292.28			13,292.28	0.00	100.0%
3117-1a - Maintenance	0.00			2,507.91			2,507.91	0.00	100.0%
3117-1h - Inspection	0.00			11,192.04			11,192.04	0.00	100.0%
3117-1i - Engineering	0.00			474.00			474.00	0.00	100.0%
3117-1j - Rehabilitation	0.00								
Total 3117-1 - STRUCTURES	0.00			27,466.23			27,466.23	0.00	100.0%
3117-2 - LATERAL METERS									
3117-2a - Maintenance	0.00			1,140.84			1,140.84	0.00	100.0%
3117-2f - Operations	0.00			187.38			187.38	0.00	100.0%
3117-2i - Engineering	0.00			185.76			185.76	0.00	100.0%
3117-2j - Rehabilitation	0.00			417.92			417.92	0.00	100.0%
Total 3117-2 - LATERAL METERS	0.00			1,931.90			1,931.90	0.00	100.0%
3117-4 - CONDUIT									
3117-4h - Inspection	0.00			938.10			938.10	0.00	100.0%
Total 3117-4 - CONDUIT	0.00			938.10			938.10	0.00	100.0%
Total 3117 - CARPINTERIA REACH	0.00			30,336.23			30,336.23	0.00	100.0%
3150 - Health & Workers Comp	0.00			148,647.46		75.6%	148,647.46	196,657.00	75.6%
3155 - PERS	0.00			55,387.37		61.5%	55,387.37	90,035.00	61.5%
3160 - Ops Co FICA	0.00			21,820.04		70.8%	21,820.04	30,828.00	70.8%
3165 - Ops Co Medicare	0.00			5,103.10		70.8%	5,103.10	7,209.00	70.8%
3100 - LABOR - OPERATIONS - Other	0.00			0.00		0.0%	0.00	497,218.00	0.0%
Total 3100 - LABOR - OPERATIONS	0.00			559,004.11		68.0%	559,004.11	821,947.00	68.0%
3200 VEH & EQUIPMENT									
3201 - Vehic/e/Equip Mice	0.00			19,972.10		66.6%	19,972.10	30,000.00	66.6%
3202 - Fixed Capital	0.00			0.00		0.0%	0.00	15,000.00	0.0%
3203 - Equipment Rental	0.00			3,253.00		65.1%	3,253.00	5,000.00	65.1%
3204 - Miscellaneous	0.00			3,352.61		67.1%	3,352.61	5,000.00	67.1%
Total 3200 VEH & EQUIPMENT	0.00			26,577.71		48.3%	26,577.71	55,000.00	48.3%
3300 - CONTRACT LABOR									
3301 - Conduit, Meter, Valve & Misc	0.00			14,205.99		71.0%	14,205.99	20,000.00	71.0%
3302 - Buildings & Roads	0.00			9,043.83		45.2%	9,043.83	20,000.00	45.2%
3303 - Reservoirs	0.00			10,340.00		103.4%	10,340.00	10,000.00	103.4%
3304 - Engineering, Misc Services	0.00			5,000.00		50.0%	5,000.00	10,000.00	50.0%
Total 3300 - CONTRACT LABOR	0.00			38,589.81		64.3%	38,589.81	60,000.00	64.3%
3400 - MATERIALS & SUPPLIES									
3401 - Conduit, Meter, Valve & Misc	0.00			6,669.21		26.7%	6,669.21	25,000.00	26.7%
3402 - Buildings & Roads	0.00			2,530.61		16.9%	2,530.61	15,000.00	16.9%
3403 - Reservoirs	0.00			4,415.21		44.2%	4,415.21	10,000.00	44.2%
Total 3400 - MATERIALS & SUPPLIES	0.00			13,615.03		27.2%	13,615.03	50,000.00	27.2%
3500 - OTHER EXPENSES									
3501 - Utilities	0.00			4,441.99		63.5%	4,441.99	7,000.00	63.5%
3502 - Uniforms	0.00			3,324.11		55.4%	3,324.11	6,000.00	55.4%
3503 - Communications	0.00			14,225.19		79.0%	14,225.19	18,000.00	79.0%
3504 - USA & Other Services	0.00			1,217.16		30.4%	1,217.16	4,000.00	30.4%
3505 - Miscellaneous	0.00			12,297.48		153.7%	12,297.48	8,000.00	153.7%
3506 - Training	0.00			2,050.39		68.3%	2,050.39	3,000.00	68.3%
Total 3500 - OTHER EXPENSES	0.00			37,556.32		81.6%	37,556.32	46,000.00	81.6%
3600 - Reconciliation Discrepancies	0.00			0.06		0.06	0.06	0.00	100.0%
4100 - LABOR - FISHERIES									
4101 - Senior Resource Scientist	71,919.88	105,057.00	68.5%	0.00	0.00	0.00	71,919.88	105,057.00	68.5%
4102 - Project Biologist	73,997.86	94,842.00	78.0%	0.00	0.00	0.00	73,997.86	94,842.00	78.0%
4103 - Biologist	61,203.48	76,859.00	79.6%	0.00	0.00	0.00	61,203.48	76,859.00	79.6%
4104 - Oak Tree Program	27,302.38	55,000.00	49.6%	0.00	0.00	0.00	27,302.38	55,000.00	49.6%

comb2
Statement of Revenues and Expenditures

Budget vs. Actuals July 2013 - Jun 2014

Accrual Basis

	Fisheries			Operations			TOTAL			
	Jul '13 - Mar '14	\$ Over Budget	% of Budget	Jul '13 - Mar '14	\$ Over Budget	% of Budget	Jul '13 - Mar '14	Budget	\$ Over Budget	% of Budget
	Budget			Budget			Budget			
5404 - Admin Secretary	15,686.51	-4,476.49	77.8%	0.00			15,686.51	20,163.00	-4,476.49	77.8%
5405 - GM Salary	39,361.52	-23,638.48	62.5%	0.00			39,361.52	63,000.00	-23,638.48	62.5%
5406 - Company MCar	1,955.79	-433.21	81.9%	0.00			1,955.79	2,389.00	-433.21	81.9%
5407 - Legal - FD	15,560.00	-9,440.00	62.2%	0.00			15,560.00	25,000.00	-9,440.00	62.2%
5408 - Administrative Manager	28,656.17	-9,869.83	74.2%	0.00			28,656.17	38,646.00	-9,989.83	74.2%
5409 - Administrative Assistant	18,018.09	-3,682.91	83.0%	0.00			18,018.09	21,701.00	-3,682.91	83.0%
5410 - Postage / Office Supplies	2,921.72	-1,978.28	59.6%	0.00			2,921.72	4,900.00	-1,978.28	59.6%
5411 - Office Equipment / Leases	2,916.94	-2,301.06	55.9%	0.00			2,916.94	5,218.00	-2,301.06	55.9%
5412 - Misc. Admin Expense	3,554.96	-2,255.04	61.2%	0.00			3,554.96	5,810.00	-2,255.04	61.2%
5413 - Communications	3,655.75	-549.25	84.9%	0.00			3,655.75	4,305.00	-649.25	84.9%
5414 - Utilities	3,128.45	-2,114.55	59.7%	0.00			3,128.45	5,243.00	-2,114.55	59.7%
5415 - Membership Dues	3,343.25	443.25	115.3%	0.00			3,343.25	2,900.00	443.25	115.3%
5416 - Admin Fixed Assets	3,366.00	-614.00	84.7%	0.00			3,366.00	4,000.00	-614.00	84.7%
5418 - Computer Consultant	8,028.53	-971.47	89.2%	0.00			8,028.53	9,000.00	-971.47	89.2%
5425 - Employee Education/Subsription	45.15	-2,454.85	1.8%	0.00			45.15	2,500.00	-2,454.85	1.8%
5428 - Director Fees	3,215.30	-2,784.70	53.6%	0.00			3,215.30	6,000.00	-2,784.70	53.6%
5427 - Director Mileage	290.90	-709.10	29.1%	0.00			290.90	1,000.00	-709.10	29.1%
5430 - Travel	1,349.23	-1,150.77	54.0%	0.00			1,349.23	2,500.00	-1,150.77	54.0%
5431 - Public Information	1,650.26	160.26	110.7%	0.00			1,650.26	1,500.00	160.26	110.7%
5441 - Audit	7,327.25	1,027.25	116.3%	0.00			7,327.25	6,300.00	1,027.25	116.3%
5443 - Liab. & Property Ins	17,731.60	-3,863.40	82.1%	0.00			17,731.60	21,595.00	-3,863.40	82.1%
5450 - Water Resources Technician	16,830.34	-4,351.66	79.5%	0.00			16,830.34	21,182.00	-4,351.66	79.5%
Total 5400 - GENERAL & ADMIN - FISHERIES	262,034.34	-99,813.66	72.4%	0.00			262,034.34	361,848.00	-99,813.66	72.4%
5510 - Integrated Reg. Water Mgt Plan	0.00	0.00	0.0%	0.00	5,000.00	-5,000.00	0.00	5,000.00	-5,000.00	0.0%
6000 - SPECIAL PROJECTS	0.00									
6062 - SCADA	0.00									
6090 - COMB Office Building	0.00									
6098 - SCC Structure Rehabilitation	0.00									
6097 - GIS and Mapping	0.00									
6105 - ROW Management Program	0.00									
6107-1 - North Portal Elevator Reha - UF	0.00									
6107 - North Portal Elevator Reha	0.00									
6108 - Drought Contingency Planning	0.00									
6108-1 - Drought Contingency Planning UF	0.00									
Total 6000 - SPECIAL PROJECTS	0.00									
6200 - FISHERIES ACTIVITIES										
6201 - FMP Implementation	4,740.13	-100,259.87	4.5%	0.00			4,740.13	105,000.00	-100,259.87	4.5%
6202 - GIS and Mapping	4,541.43	-5,458.57	45.4%	0.00			4,541.43	10,000.00	-5,458.57	45.4%
6203 - Grants Technical Support	0.00	-10,000.00	0.0%	0.00			0.00	10,000.00	-10,000.00	0.0%
6204 - SYR Hydrology Technical Support	6,337.84	-3,652.16	63.4%	0.00			6,337.84	10,000.00	-3,662.16	63.4%
6205 - USGS Stream Gauge Program	55,612.50	-19,387.50	74.2%	0.00			55,612.50	75,000.00	-19,387.50	74.2%
6206 - Tri County Fish Team Funding	0.00	-5,000.00	0.0%	0.00			0.00	5,000.00	-5,000.00	0.0%
6207 - Oak Tree Restoration Program	2,901.53	-22,098.47	11.6%	0.00			2,901.53	25,000.00	-22,098.47	11.6%
6211 - SYR RiverWare Model Use	0.00	-5,000.00	0.0%	0.00			0.00	5,000.00	-5,000.00	0.0%
Total 6200 - FISHERIES ACTIVITIES	74,133.43	-170,866.57	30.3%	0.00			74,133.43	245,000.00	-170,866.57	30.3%
6300 - HABITAT ENHANCEMENT										
6303 - Tributary Projects Support	0.00	-3,000.00	0.0%	0.00			0.00	3,000.00	-3,000.00	0.0%
6304 - Engineering Designs - OC	55,110.42	-14,889.58	78.7%	0.00			55,110.42	70,000.00	-14,889.58	78.7%
6309 - Quota Creek Crossing #1	799,138.02	29,138.02	103.8%	0.00			799,138.02	770,000.00	29,138.02	103.8%
Total 6300 - HABITAT ENHANCEMENT	854,248.44	11,248.44	101.3%	0.00			854,248.44	843,000.00	11,248.44	101.3%
Total Expense	1,588,997.03	-497,009.97	76.2%	1,316,443.99	2,358,123.00	-1,041,679.01	55.9%	4,443,530.00	-1,538,688.98	65.4%
	-497,782.97	0.00	100.0%	763,130.20	0.00	763,130.20	100.0%	0.00	255,347.23	100.0%

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

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

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMLA Average Monthly Yields

Tran Type Definitions

March 2014 Statement

Account Summary

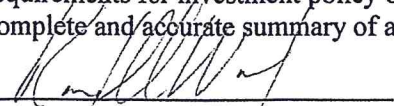
Total Deposit:	0.00	Beginning Balance:	3,888.73
Total Withdrawal:	0.00	Ending Balance:	3,888.73

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 March, 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 1
CACHUMA OPERATION & MAINTENANC
Statement Number: 0102335072
3/1/14 - 3/31/14

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Customer Inquiries
800-798-6466

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CY30 MZ0 B 0000 0169428-197027 393655
CACHUMA OPERATION & MAINTENANCE BOARD
MASTER CONTRACT RENEWAL FUND
3301 LAUREL CANYON RD
SANTA BARBARA CA 93105-2017

BUSINESS ESSENTIALS INTEREST CHK SUMMARY

Days in statement period: 31

Beginning balance on 3/1	\$	51,954.68	Interest		
Total Credits		2.23	Paid this period	\$	2.23
Other credits and adjustments (1)	2.23		Paid year-to-date	\$	14.84
Total Debits		0.00	Interest Rates		
Ending Balance on 3/31	\$	51,956.91	3/1/14-3/31/14		0.05%

C R E D I T S

Other credits and adjustments

<u>Date</u>	<u>Description</u>	<u>Reference</u>	<u>Amount</u>
3/31	INTEREST PAYMENT		\$ 2.23 ✓

DAILY LEDGER BALANCE

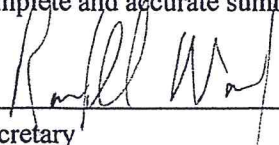
<u>Date</u>	<u>Ledger Balance</u>	<u>Date</u>	<u>Ledger Balance</u>
3/1-3/30	\$ 51,954.68	3/31	\$ 51,956.91

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 March, 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
3/1/14-3/31/14

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CACHUMA OPERATION & MAINTENANCE BOARD
CACHUMA PROJECT TRUST FUND
3301 LAUREL CANYON RD
SANTA BARBARA CA 93105-2017

BUSINESS MONEYMARKET ACCOUNT SUMMARY

Days in statement period: 31

Beginning balance on 3/1	\$		124,543.11	Interest		
Total Credits			16.06	Paid this period	\$	16.06
Other credits and adjustments (1)		16.06		Paid year-to-date	\$	44.61
Total Debits			0.00	Interest Rates		
Ending Balance on 3/31	\$		124,559.17	3/1/14-3/31/14		0.15%

C R E D I T S

Other credits and adjustments

Date	Description	Reference	Amount
3/31	INTEREST PAYMENT		\$ 16.06 ✓

DAILY LEDGER BALANCE

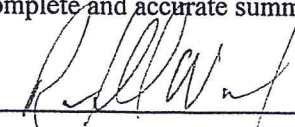
Date	Ledger Balance	Date	Ledger Balance
3/1-3/30	\$ 124,543.11	3/31	\$ 124,559.17

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 March, 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 March 31, 2014

Date	Num	Name	Memo	Amount
1050 · GENERAL FUND				
03/06/2014	22519	Acorn Landscape Management Co.	Scheduled mtce-Lauro yard	-260.77
03/06/2014	22520	ACWA/Joint Powers Insurance Authority	Property Program renewal 4/1/14-4/1/15	-4,290.00
03/06/2014	22521	Aqua-Flo Supply	Adapters/couplers	-67.45
03/06/2014	22522	Association of Ca Water Agencies/JPIA	Apr coverage	-20,319.56
03/06/2014	22523	AT&T	Feb charges	-428.07
03/06/2014	22524	Bedrock Building Supplies	Sand for sandbags	-93.96
03/06/2014	22525	Big Brand Tire Company	Tires/alignment-F150	-331.66
03/06/2014	22526	Business Card	Business mtgs/Logmein (remote access)/misc ofc exp	-293.80
03/06/2014	22527	Cabela's Marketing & Brand Mgt Inc.	Waders/wader boots	-496.92
03/06/2014	22528	Channel City Lumber	Stop logs for Lauro inflow	-245.19
03/06/2014	22529	CIO Solutions, LP	Monthly mtce agmt	-1,894.24
03/06/2014	22530	City of Santa-Barbara	Trash/Recycle-Feb 2014	-212.95
03/06/2014	22531	Coastal Copy, LP	Copier mtce agmts	-197.08
03/06/2014	22532	COMB-Petty Cash	Replenish Petty Cash	-401.04
03/06/2014	22533	COMB - Revolving Fund	Replenish 3/14 & 28 payrolls/taxes	-132,103.80
03/06/2014	22534	Crop Production Services, Inc	Rodent bait 50LB	-125.25
03/06/2014	22535	Culligan Water	Monthly RO system	-24.95
03/06/2014	22536	Duraframe Dipnet	Net protectors	-176.30
03/06/2014	22537	ECHO Communications	Monthly answering service	-62.00
03/06/2014	22539	Farwest Corrosion Control Co.	Cathodic Protection test/repair 54" & 27" pipelines	-1,322.38
03/06/2014	22540	Federal Express	Mailings	-211.97
03/06/2014	22541	Home Depot Credit Services	Mat/supplies GA tunnel washout	-90.66
03/06/2014	22542	Kenneth A. Knight, Consulting	Arborist services-Quiota Crk Xng#1/Oak Tree prog	-3,575.00
03/06/2014	22543	MarBorg Industries	Portable toilets	-328.37
03/06/2014	22544	Milpas Rental	Vibra plate	-69.96
03/06/2014	22545	Musick, Peeler & Garrett LLP	General Counsel-Jan	-14,406.40
03/06/2014	22546	Nextel Communications	Ops cell charges	-442.94
03/06/2014	22547	Orchard Commercial Services	PPE/misc truck supplies/FD truck tools-supplies	-182.83
03/06/2014	22548	Paychex, Inc.	2/14, 28 payrolls/taxes/deliveries	-298.54
03/06/2014	22549	Peter Lapidus Construction, Inc.	Retention-Quiota Creek Xng #1	-26,861.75
03/06/2014	22550	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-67.43
03/06/2014	22551	Prudential Overall Supply	Mats/scrappers-Feb	-100.56
03/06/2014	22552	Santa Barbara Police Department	Renewal-Security Alarm	-40.00
03/06/2014	22553	SB Home Improvement Center	Shovel/misc stock for trucks	-60.72
03/06/2014	22554	Southern California Edison	Main ofc/outlying stations	-1,292.67
03/06/2014	22555	Staples Contract and Commercial, Inc.	Office supplies	-401.44
03/06/2014	22556	Tim Robinson	Tools for fish work	-105.43
03/06/2014	22557	Underground Service Alert of So. Calif.	47 Ticket charges	-70.50
03/06/2014	22558	Verizon California	Main ofc	-347.18
03/06/2014	22559	Wright Express Fleet Services	Fleet fuel	-1,524.05
03/06/2014	22560	Alonzo Orozco	Feb mtg fees	-128.00
03/06/2014	22561	CIO Solutions, LP	POE switch/set up & install Netgear of POE	-1,230.21
03/06/2014	22562	Dale Francisco	Feb mtg fees	-132.64
03/06/2014	22563	Dennis E. Beebe	Feb mtg fees	-447.51
03/06/2014	22564	Lauren W. Hanson	Feb mtg fees	-261.60
03/06/2014	22565	W. Douglas Morgan	Feb mtg fees	-278.40
03/13/2014	22566	Cox Communications	Business internet-Mar	-195.00
03/13/2014	22567	Environ Strategy Consultants, Inc	AVAR valve review/eng plans thru Feb	-3,285.00
03/13/2014	22568	GE Capital	Copier lease agmt	-133.92
03/13/2014	22569	Harrison Hardware	Oak Tree program mat/supp	-125.72
03/13/2014	22570	Peter Lapidus Construction, Inc.	Mobilization-backhoe Lauro to NP	-500.00

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04/16/14
Accrual Basis

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Payment of Claims
As of March 31, 2014

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
03/13/2014	22571	Powell Garage	Ranger service/brakes; F550 service/cooling system	-1,379.78
03/13/2014	22572	Premiere Global Services	Conf calls-Feb	-27.41
03/13/2014	22573	Quinn Company	Battery	-175.23
03/13/2014	22574	Rauch Communication Consultants, LLC	Website mtce-update mtg schedule/pages	-72.50
03/13/2014	22575	Southern California Edison	Outlying stations	-53.67
03/13/2014	22576	Verizon California	Main ofc/outlying stations/SCADA	-652.64
03/13/2014	22577	Verizon Wireless	Cellular/USB's/modems	-393.40
03/13/2014	22578	Environ Strategy Consultants, Inc	Drought Contingency thru Feb	-1,521.00
03/14/2014	22579	Environ Strategy Consultants, Inc	Drought Contingency thru Jan	-6,590.50
03/17/2014	22580	Fence Factory	Repair main gates at Lauro Res entry	-274.00
03/17/2014	22581	PG&E	EP 2225 Highway 154	-7,000.00
03/26/2014	22582	ACWA/Joint Powers Insurance Authority	Employee Fidelity (Crime) Prog renewal 4/1/14-4/1/15	-1,186.00
03/26/2014	22583	Business Card	Webhosting/satellite fee/business lunch mtgs	-128.02
03/26/2014	22584	Employee Relations, Inc.	Background/verification-DS	-132.00
03/26/2014	22585	GE Capital	Copier lease agmt	-355.32
03/26/2014	22586	Nargan Fire & Safety, Inc.	Install fire suppression unit/fire ext annual service	-295.00
03/26/2014	22587	PG&E	Tecolote tunnel/NP	-328.97
03/26/2014	22588	Southern California Edison	Foothill Rd	-28.85
03/26/2014	22589	The Gas Company	Main ofc	-52.17
Total 1050 · GENERAL FUND				<u>-241,190.23</u>
TOTAL				<u><u>-241,190.23</u></u>

**CACHUMA OPERATION & MAINTENANCE BOARD
BOARD MEMORANDUM**

Date:	April 28, 2014
Submitted by:	Dave Stewart
Approved by:	Randall Ward

SUBJECT: Lauro Tunnel Fresh Air Duct System

SUMMARY:

The Lauro Tunnel contains equipment requiring regular service and maintenance by COMB Operations Staff. To enable staff entry the tunnel must be ventilated. To accomplish the requirement a 1,000 cubic feet per minute centrifugal blower delivers outside air through a 10-inch-diameter duct suspended from the top of the tunnel.

At several locations the air duct and duct supports are corroded and impact the systems ability to provide air to Operations Staff providing service and maintenance in the tunnel. This 60 year old ventilation system needs replacement with a corrosive resistant material. This project was listed as a USBR Category 2 Recommendation.

COMB plans to contract to remove and replace the existing duct system to satisfy the USBR Category 2 Recommendation.

FISCAL IMPACTS:

In Fiscal year 2013-2014 Budget

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Staff recommends the COMB Board to approve expenditure in an amount not to exceed \$26,000 for the Lauro Tunnel Fresh Air Duct System.

LIST OF EXHIBITS:

N/A

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	April 28, 2014
Submitted by:	Randall Ward

SUBJECT: Land Use Authorization Procedure and Fee Schedule

SUMMARY:

USBR directives contained in the Standing Operating Procedures, Operating Agreement and the transfer O&M Agreement COMB Land Use Authorization Policy and Procedure (LUAPP) set forth the process for the Operations Staff to perform encroachment activities on the South Coast Conduit (SCC). The current COMB Land Use Authorization Policy and Procedures (LUAPP) was approved on December 20, 2010. The LUAPP includes the following: 1) Permit Application, 2) Permit and, 3) Schedule of Fees. Staff analysis has determined the existing Fee Schedule does not provide sufficient revenue to offset the actual cost of performing encroachment activities. These activities include: 1) Review and comment on permit applications, 2) Issuance of the permits, 3) monitoring projects for permit conformance, permit coordination with the County of Santa Barbara or the City of Santa Barbara and, response to dig alerts and other instances of involving no owner/contractor initiated notification of encroachment activity.

On September 25, 2013, staff briefed the Operations Committee on the issue of actual cost exceeding the encroachment permit fee revenue generated and requested direction to draft amendments to the fee schedule. The Committee provided direction to staff to develop amendments in the form of a proposal to appropriately align encroachment fees with the actual cost of encroachment permit regulatory activities. Staff direction requested the proposal be resubmitted to the Committee for final review prior to submitting the item for Board approval.

The attached LUAPP has been revised for final review by the Operations Committee. The proposal includes minor non-substantive changes to the LUAPP.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

The Operations Committee has reviewed the LUAPP and recommends approval.

RECOMMENDATION:

Staff recommends the COMB Board to adopt proposed amendments to the Land Use Authorization Policy and Procedures, and Fee Schedule. Per USBR delegation, COMB has the authority to issue land use authorization permits under the Transfer of O&M Agreement. Issuance of a conditional letter of

approval would only be granted by COMB on those projects deemed minor or temporary in nature. This policy does not change the current requirements for USBR review.

LIST OF EXHIBITS:

Land Use Authorization Package

Attachment A: Land Use Authorization Process

Attachment B: Encroachment Permit Policy

Attachment C: COMB Land Use Permitting Fee and Deposit

Attachment D: Land Use Authorization Permit Procedure

Attachment E: Example Encroachment Permit Time/Cost Spreadsheet

Attachment F: Cost Evaluation for Average Time/Cost of Permitting

Attachment G: Land Use Authorization Application

Attachment H: Contract for Transfer O & M Land Use Issuance Letter

LAND USE AUTHORIZATION PROCESS

CACHUMA OPERATION AND MAINTENANCE BOARD

APPLICATION AND FEE RECEIVED
BY COMB FROM LANDOWNER

COMB VERIFIES LAND OWNERSHIP TYPE

LAND HELD IN EASEMENT BY USBR

Temporary/Minor Land Use
Authorization-
COMB

COMB reviews Land Use
Authorization Application

Approval Letter Issued:
COMB authorizes land use with approval letter stating applicable terms

Permit Denied:
Appeals may be made to COMB Board of Directors for final decision

Permanent Structure-
USBR

Request is submitted by COMB to USBR SCCAO for review. USBR must respond within 60 days.

Approval Letter Issued:
USBR sends approval letter to landowner

Permit Denied:
USBR sends letter denying request to landowner. Decision may be appealed pursuant to code 43CFR 429.34

LAND OWNED IN FEE BY USBR

Temporary/Minor Land Use
Authorization-
COMB

COMB reviews Land Use
Authorization Application

Approval Letter Issued:

Long term Land Use-
COMB issues license effective through term of O&M Contract

Short term/Temporary Request-
COMB issues permit

Permanent Structure-
USBR

Request with recommendation is submitted by COMB to SCCAO Fresno for review

Approval Letter Issued:
Final easement issued by USBR Mid-Pacific Region Office, Sacramento CA

Long term Land Use-
USBR issues license

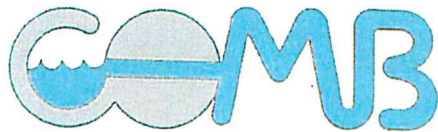
Short term/Temporary Request-
USBR issues permit

License Denied:
USBR sends letter denying request to landowner. Decision may be appealed pursuant to code 43CFR 429.34

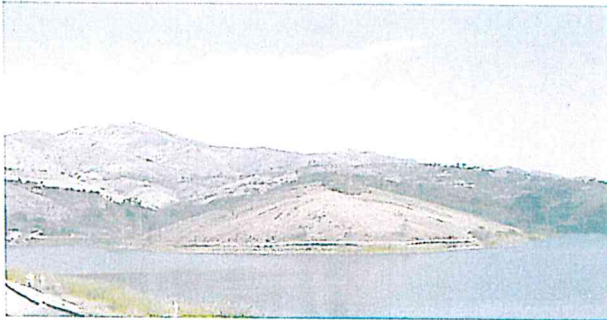


Updated 11-10-10

CACHUMA OPERATION & MAINTENANCE BOARD



LAND USE AUTHORIZATION POLICY AND PROCEDURES



*3301 Laurel Canyon Road
Santa Barbara CA 93105
805 / 687-4011*

Style Definition: Comment Reference

Style Definition: Comment Text

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CACHUMA OPERATION & MAINTENANCE BOARD

LAND USE AUTHORIZATION PROCESS

POLICY

The United States Bureau of Reclamation (USBR) is the owner of certain ~~lands and~~ permanent easements for water transmission and distribution through the Cachuma Project South Coast Conduit conveyance system (SCC).

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The Cachuma Operation & Maintenance Board (COMB) operates and maintains the ~~South Coast Conduit (SCC) Real Property easements~~ through a Contract for the Transfer of the Operation & Maintenance of the Cachuma Transferred Project Works, ~~Contract No. 11-06-02002-5222R dated March 1, 2003~~ (Transfer O & M Agreement) with USBR, and through said agreement has the authority to approve ~~certain Land Use Authorizations Encroachment Permits~~ for third party activities within the Real Property ~~lands or~~ easements.

COMB policy is to keep and maintain all USBR fee-owned property ~~and easements~~ free from all encumbrances not in existence at the time of ~~Transfer O & M Agreement~~ transfer. However, from time to time, various public utilities, governmental agencies, and private property owners request to jointly use ~~the~~ Real Property ~~lands or~~ easements. COMB hereby establishes policies and procedures whereby Real Property ~~lands or~~ easements, which COMB has the duty to operate and maintain, may be jointly used by others.

COMB is not authorized under the Transfer O&M Agreement to grant any permanent interest in any USBR fee owned property. ~~Proposed land uses onto USBR easements will be considered on an individual basis, focusing on protection of USBR facilities and the ability of COMB to access, construct, operate, maintain, repair, and replace USBR facilities. Land uses that are authorized under this policy shall be in the form of a conditional Approval Letter, License or Permit stating applicable terms and shall not grant an interest in the real property.~~

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~~Proposed encroachments onto USBR easements will be considered on an individual basis, the principal interest to protect USBR facilities and provide COMB the ability to construct, operate, maintain, repair, and replace USBR facilities. Encroachments authorized under this policy shall be in the form of an authorization letter and shall not grant an interest in the real property.~~

The Cachuma Project South Coast Conduit conveyance system is a vital water delivery resource to the South Coast of Santa Barbara County. All ~~Agency/USBR~~ decisions regarding encroachments within the SCC easements will be made based on protecting this important resource.

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GENERAL REQUIREMENTS

No person shall make or have an existing encroachment on USBR ~~lands~~Interests without authorization from COMB or the USBR. -All encroachments granted on USBR lands shall conform to the approved plans and the conditions of the Land Use Authorization *Approval Letter, ~~License or Permit~~*. Any Land Use Authorization shall be limited to the Permittee or to the Permittee's agents. -COMB personnel are not authorized and shall not give oral authorization for encroachments on USBR lands ~~or easements~~. Authorization to encroach upon USBR ~~lands~~Interests may be given only in writing pursuant to the provisions of this policy.

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TYPES OF LAND USE AUTHORIZATIONS

COMB is authorized to approve three types of ~~Land Use Authorizations~~ land use authorizations as defined below:

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- (A) A conditional *approval letter* involves an encroachment on land held in easement by the USBR and is considered temporary and minor in nature. Examples include: *temporary staging area, minor grading, and temporary structures.*
- (B) A ~~fee~~ *conditional approval letter* can be issued on land owned in fee by the USBR and grants personal, revocable permission or authority for a person or entity to utilize a specific parcel of land for a specific purpose. *Licenses* involve installation or construction that are ~~permanent~~ of a longer term in nature, such as distribution lines, access roads, trails, pipelines, and power lines. These are generally issued for a term that expires with the Transfer O & M Agreement, but are revocable by COMB or the USBR.
- (C) A ~~permit~~ *conditional approval letter* can be issued on land owned in fee by the USBR and is generally considered to be a type of license. ~~Permits~~ Conditional approval letters do not convey possessory interest, but ~~grant~~ grants permission to use real property under specific, limited conditions. ~~Permits~~ These conditional approval letters are short term or one-time authorizations for miscellaneous temporary uses or privileges.

USBR will review all other applications. COMB shall provide application information and land use type to USBR to begin the USBR process.

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ADMINISTRATION OF ~~LAND USE AUTHORIZATIONS~~ DISTRICT INTERESTS

Land use authorizations shall be administered pursuant to this ~~policy~~ Section. The COMB Board of Directors hereby delegates the General Manager ~~or Engineer~~ authority to review applications for, and to approve ~~temporary, minor Land Use Authorizations~~ authorizations in the form of ~~Letters, Licenses, or Permits~~ Approval ~~approval~~. The General Manager, based on applicable ordinances, policies, and standards shall determine the extent and nature of the encroachments to be permitted under this policy, the type of application and Land Use Authorization required, and the applicable fees. Permanent or complicated applications shall be processed by USBR with COMB assistance. The General Manager shall administer and enforce this policy and shall do all things necessary to effect its purpose and intent, including:

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(1) _____ Establish standards and promulgate regulations for ~~Land Use Authorizations~~ encroachments;

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(2) _____ Accept applications, ~~fees/deposits~~ and impose conditions of approval;

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(3) _____ Issue, and record if applicable, Encroachment Approval Letters, ~~Licenses, or Permits~~ when all applicable conditions are met;

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(4) _____ Cause the property or easement to be inspected and assure ~~satisfactory~~ completion of any ~~work~~ work;

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(5) _____ Terminate unauthorized encroachments by all appropriate legal means.

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(6) _____ Address existing encroachments on real property easements by removal of encroachments at the expense of the owner, acceptance and issuance of a new Land Use Authorization, or relocation of USBR facilities at the expense of the owner.

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When the nature of the encroachment requested is subject to other legal requirements or administrative regulations, or affects COMB's operations, the General Manager shall make every effort to ensure that work adheres to those other requirements and shall be guided by the policies of the Board of Directors in determining the disposition of the application. Applications that are not consistent with the various requirements shall be denied. -The General Manager shall cause to be inspected all encroachments permitted under this policy to ensure compliance.

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If work is undertaken on USBR ~~lands~~ interests without a valid Land Use Authorization, or an encroachment currently exists on the property or easement, the General Manager is authorized to:

(1) _____ Give appropriate notice that, in the opinion of COMB, the work constitutes or may constitute an encroachment and order the work to be stopped or removed until a Land Use Authorization is executed or a determination is made that the work does not constitute an encroachment; and

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(2) _____ Assess a fee of double the normal COMB processing and inspection fee for the ~~Land Use Authorization~~ Encroachment Permit;

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(3) _____ If a Land Use Authorization ~~letter~~ is not applied for within ten (10) business days after the notice was given, the General Manager may give notice that the USBR lands and any associated facilities, pump stations, pipelines or other appurtenances must be restored to its original condition at the sole cost of the person encroaching upon the property or easement. Should restoration not begin promptly, legal action may be commenced to protect the USBR ~~interests~~ interests;

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- (4) Order mitigation of the violation where the General Manager determines that reasonable restoration of the site to its original condition is infeasible or that irreparable damage has been done to an environmentally sensitive area, habitat, or structure. Mitigation requirements may include purchase or exchange by the violator of like-kind real property or easement of similar or greater quality and quantity. Mitigation shall be at the sole cost of the violator;
- (5) Cause the suspension of any ~~other encroachment~~ Encroachment Permit relating to the same property until the prerequisite Land Use Authorization is obtained; and
- (6) Promulgate additional administrative guidelines and regulations to implement and clarify the authority to require restoration and mitigation.

The General Manager may revoke a Land Use Authorization or may, without payment or compensation by COMB, require related plans to be amended under any of the following situations:

- (1) Upon request of the ~~Permittee~~ Applicant;
- (2) When the site conditions or operative facts upon which the Land Use Authorization was sought were not accurately presented in the application;
- (3) When work as constructed or as proposed to be constructed or existing encroachments create a hazard to public health, safety, or general welfare;
- (4) When the Land Use Authorization violates COMB policy or provisions of Federal, State, or local law; ~~or~~
- (5) When COMB's repair or installation of public improvements requires the ~~revocation~~ cancellation; or
- (6) Where the Land Use Authorization interferes with COMB's ability to properly operate and maintain USBR or COMB facilities.

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PROCEDURE TO ISSUE LAND USE AUTHORIZATIONS

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Applications for Land Use ~~Authorizations~~ Authorization shall be made in accordance with ~~the~~ policy and procedures established by COMB. All Land Use Authorization applications shall be subject to the review of the General Manager.

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Applications shall be accompanied by evidence of environmental compliance, three (3) sets of design drawings showing all construction and installations within the U.S. Bureau of Reclamation Right of Way, and ~~appropriate fees~~ as outlined in the fee schedule ~~and/or calculated by COMB after the initial review of drawings.~~

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Applicants must provide detailed plans, specifications, schedules, and estimates as may be required to determine the nature and extent of the encroachment. ~~Applications will not be considered complete until all items have been submitted and~~ fees/fees/ deposits are paid.

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Full size (24 x 36), detailed plans shall be prepared showing at a minimum the boundaries of the proposed development, lot lines, public and private right-of-way lines, USBR facilities, and an indication of the intended use of the property or easement. The extent and nature of the encroachment shall be clearly shown. ~~In certain cases, COMB may require that the SCC be located exactly within the right-of-way by potholing. An Underground Service Alert (USA) must be filed by the property owner or representative. COMB must be notified regarding the pothole schedule and location at least 48 hours in advance.~~

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The Applicant shall notify all affected public utilities of his or her request to encroach on USBR easements and shall coordinate with the public utilities in order that any necessary relocation of existing facilities may be done in an orderly fashion without interrupting the continuity of service or endangering life or property.

1.8-7 FEES

Land Use Authorization fees or deposits required shall be collected in accordance with procedures established by the General Manager. A schedule of deposit fees to cover the costs of processing Land Use Authorization applications and related expenses incurred are shown in the attached fee schedule. The ~~Permittee~~ Applicant is responsible for all costs associated with the Land Use Authorization requirements. Deposit Accounts will be used for costs not covered in the fixed application fee. No Land Use Authorization shall be issued and no work shall be permitted on USBR ~~Interests or the USBR~~ easements until COMB has received the fees applicable ~~fees~~ under this Section.

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1.8-8 TERMS AND CONDITIONS

In each case when the General Manager determines to issue a Land Use Authorization, the permit may include the following terms and conditions:

- (1) If terms and conditions require a covenant, the covenant shall run with the land and be binding upon and inure to the benefit of successors in interest including, the future owners, ~~encumbrances~~encumbrances, successors, heirs, personal representatives, transferees, and assignees of the respective parties.
- (2) Permittee shall use the USBR real property easement only in the manner and for the purposes described in the Land Use Authorization and the attached plans.
- (3) By accepting the benefits herein, Permittee acknowledges that COMB's rights and obligations shall continue in full force and effect and shall not be affected by COMB's grant of permission to encroach.
- (4) The improvements shall be installed and maintained in safe and sanitary condition at the sole cost, risk, and responsibility of the Permittee, including but not limited to any damages to the encroachment caused by COMB's operations, repair, maintenance or construction requirements.
- (5) The Permittee shall at all times indemnify and save COMB and the USBR free and harmless from and pay in full, any and all claims, demands, losses, damages or expenses that COMB and/or the USBR may sustain or incur in any manner resulting from the demolition, construction, maintenance, use, repair, or presence of the encroachment installed hereunder, including any loss, damage or expense arising out of (1) loss of or damage to property; and (2) injury to or death of persons; excepting any loss, damage or expense and claims for loss, damage or expense resulting in any manner from the negligent act or acts of COMB, its contractors, officers, agents or employees.
- (6) COMB may remove at the owners expense all or a portion of the encroachment in order to repair, replace, or install public improvements. COMB shall have no obligation to pay for or restore Permittee's encroachment.
- (7) Permittee waives the right to assert any claim or action against ~~the Agency~~COMB, its contractors, officers, agents or employees arising out of or resulting from the revocation of this Land Use Authorization or the removal of any improvements or any other action by COMB, its officers, agents, or employees taken in accordance with the terms of the Land Use Authorization.
- (8) ~~As a condition precedent to Permittee's right to access USBR easements~~As a condition precedent to Permittee's right to access USBR easements~~Interests,~~Interests, this Land Use Authorization must first be signed by the Permittee Applicant, executed by COMB and recorded with COMB.

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- (9) Whatever rights and obligations were acquired by COMB with respect to ~~the~~ USBR easements shall remain and continue in full force and effect and shall in no way be affected by COMB's grant of permission to construct and maintain the encroachment.
- (10) - If applicable, Land Use ~~Authorizations~~ Authorization shall be recorded in the office of the County Recorder as an obligation upon the land involved.
- (11) Security for Land Use ~~Authorizations~~ Authorization may be required.

Additional terms and conditions may be added to the Land Use Authorization as determined by the General Manager.

1.8-9 UNAUTHORIZED ENCROACHMENTS PROHIBITED

The General Manager may direct staff to investigate unauthorized encroachments of the USBR easements in conflict with COMB ~~and/or~~ USBR ~~improvements—property or easements~~. The General Manager may request removal of encroachments which in his/her opinion conflict with COMB or USBR ~~improvements—property or easements~~. If the General Manager is unable to satisfactorily remove or restrict encroachments of property or easements by negotiation, then he/she may request the Board of Directors to authorize counsel to institute litigation to remove encroachments conflicting with COMB or USBR ~~improvementsproperty or easements~~.

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1.8-10 ENFORCEMENT AUTHORITY AND REMEDIES

The Cachuma Operation & Maintenance Board's General Manager or his /her designee is authorized to administer and enforce the provisions of this policy. The remedies for a violation of this policy may include but are not limited to injunctive relief, civil penalties, or any administrative remedy set forth in this Land Use Authorization Policy.

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1.8-6 APPEALS

COMB Denied

Within ten (10) days after receipt of a denial of a Land Use Authorization application, ~~Permittee~~ Applicant may file with the Board of Directors a written request for a public hearing. Upon the filing of such a request, the Board of Directors shall set a time and place for the hearing and shall notify the party requesting the hearing at least five (5) days before the hearing date. The hearing shall be held as soon as is reasonably possible after the request is filed. The decision of the Board of Directors shall be final.

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USBR Denied

~~Appealed~~ pursuant to code ~~43CFR43 CFR~~§429.34. ~~An~~ appeal from a denial of an application by USBR is governed by federal law. ~~See~~(see 43CFR§429.34)

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COMB

LAND USE PERMITTING FEE & DEPOSIT

LAND USE AUTHORIZATION PROCEDURE

A flowchart showing the permit procedure is attached. Applicants are required to complete and submit to COMB a Land Use Authorization Application Form. The applicant submittal shall include three sets of drawings, permitting process fees and deposits as scheduled below, and evidence of CEQA compliance.

Applications can be obtained from COMB located at 3301 Laurel Canyon Road.

MINOR LAND USE AUTHORIZATION (CONDITIONAL LETTERS OF APPROVAL - ONLY)

DEPOSIT

Applicants are required to post a deposit of \$200 at the time of plan submission. The deposit will be applied against the total cost of review.

FEE

Applicants are required to post the calculated FEE provided by COMB following initial review. The fee will be calculated from Table F (Cost Evaluation for Average Time/Cost of Land Use Authorization Permitting)

INSPECTION

Additional cost will be assessed for any on-site inspections required by COMB. On-site inspection costs shall include the estimated time required by COMB to inspect construction activity within the easement. Inspection shall ensure adherence to approved plans and the integrity of COMB facilities is maintained. The site visit inspection cost is \$110 (2 hours of inspection).

MAJOR LAND USE AUTHORIZATION (COMPLEX CONDITIONAL LETTERS OF APPROVAL OR ACTUAL LICENSE OR PERMIT)

DEPOSIT

Applicants are required to post a deposit of \$200 at the time of plan submission. This deposit will be applied against the total cost of review.

FEE

Applicants are required to post a security deposit following plan review. Expended COMB resources and staff on the project will be billed to the security deposit. Remaining funds will be returned to the applicant.

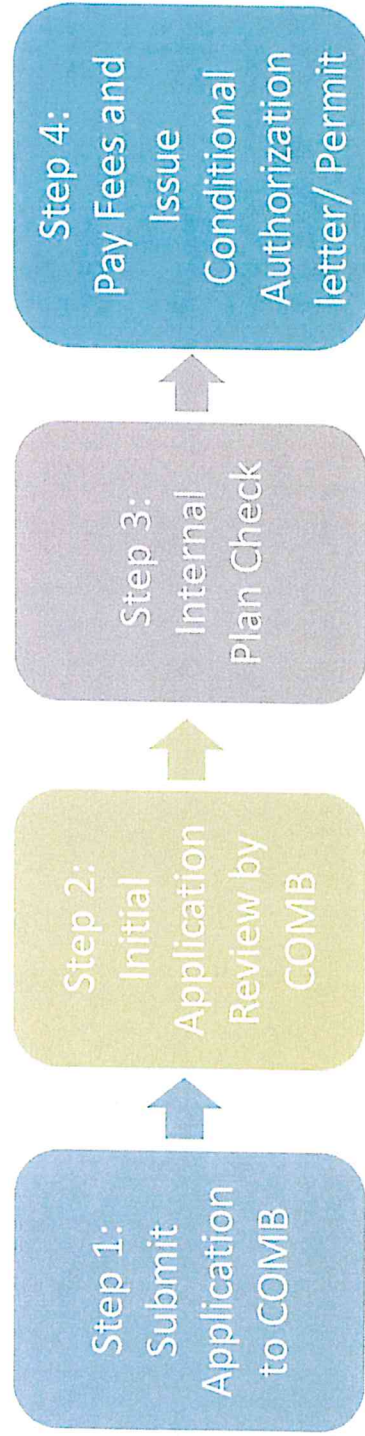
Additional charges will be assessed for on-site inspections determined necessary by COMB. On-site inspection costs include the estimate of time required for COMB staff to inspect the construction of the land use activity within the easement. COMB staff will ensure approved plans are followed and the integrity of COMB facilities is maintained. The actual cost of site inspections is project dependent and intended to fully compensate COMB for staff time expended.

GENERAL

- All fees are non-refundable
- All costs must be paid in full prior to issuance of a letter, license, or permit.
- If applicable or requested, the applicant shall provide COMB with a copy of the As-Built Drawings within 60 days from completion of the encroachment activity.
- Applicant is responsible for obtaining permits from other agencies
- COMB authorization letter, license or permit issuance may include the conditions or permit requirements of another government agency.

DRAFT

Land Use Authorization Permit Procedure



Example of an encroachment permit process and time consuming (Applicant: Flower & Associate Inc.)				
Item	Description	Time Consumed (Hr)	Employee involved	
1	Initial review regarding the South Coast Conduits location, depth, and easement (7 pipes will be crossing over the SCC and 2 pipes will encroach on the SCC easement).	8	COMB Staff & Senior Operator	
2	Site was visited to find out the approximate location of the SCC and the proposed pipelines.	3	COMB Staff & Senior Operator	
3	COMB staff communicated with the USBR Engineering dept. regarding the encroachment to receive concurrence with COMB's staff on the plans (According to Land Use Authorization Policy).	2	COMB Staff	
4	COMB prepared and sent a letter to the applicant to request additional details on their project design.	2	COMB Staff	
5	COMB reviewed the revised drawings and sent a report along with marked up drawings to the USBR for their review and confirmation.	5	COMB Staff	
6	Following COMB review of revised drawings with USBR, a letter was sent to applicant detailing the requisite standards necessary to obtain the COMB generated Land Use Authorization letter.	4	COMB Staff	
7	Provide clarification and specific details to the applicant regarding COMB's letter.	3	COMB Staff	
8	COMB will have an inspector on-site throughout the potholing process (3 locations)	8	Operator	
9	The project will be inspected by COMB during construction and perform a final inspection upon completion.	24	Operator	

	59
Average Cost of Operations Staff with Burden	\$ 47.45
Total Cost of COMB staff utilized during Permit Process	\$ 2,799.55

* Any additional engineering services needed for encroachment review would increase the price substantially one hour of engineering services would cost approximately \$200

COST EVALUATION FOR AVERAGE TIME/COST OF LAND USE AUTHORIZATION PERMITTING

Permit	Activity	Title	Cost/hour
Minor /Major	Engineering Plan Review	Engineer	\$ 85
	Site Visit	Operator or Supervisor	\$ 70
	Application & Doc Review	Engineer or Operator	\$ 55
	USBR Review	Engineer	\$ 85

CACHUMA OPERATION & MAINTENANCE BOARD

Land Use Authorization Application

DRAFT

All application information must be completed. Submit this application, evidence of environmental compliance, (if applicable) and three (3) sets of design drawings showing all construction and installations within the U.S. Bureau of Reclamation (USBR) Right of Way. Application is not complete until all items have been submitted and fees / deposits are paid.

FOR COMB USE	
Application No.:	
Application Date:	
Parcel:	
Project ID:	
Book/Page #	
Fee:	
Deposit:	

Mail or deliver to: *Cachuma Operation & Maintenance Board*
 Attn: Staff Engineer
 3301 Laurel Canyon Road
 Santa Barbara, CA 93105

CONTACT INFORMATION

Permit Applicant:	Assessor's Parcel No:
Firm:	Fee Land Owner:
Street Address:	Street Address:
City: Zip Code:	City: Zip Code:
Telephone:	Telephone:
Fax number/email address:	Fax number/email address:

LOCATION OF WORK

Section:	Township:	Range:	Meridian:	City:	County:
Project Street Location(s)					

PROJECT INFORMATION

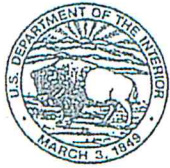
Description of Proposed Encroachment:
Estimated Start Date: Estimated Completion Date:
Describe Land Rights for proposed installation within USBR right-of-way:
Installations covered under this permit will include:
<input type="checkbox"/> Street and Lighting <input type="checkbox"/> Drainage Facilities <input type="checkbox"/> Agriculture/Agriculture Irrigation <input type="checkbox"/> Water <input type="checkbox"/> Cellular Telephone <input type="checkbox"/> Landscaping/Landscape Irrigation <input type="checkbox"/> Sewer <input type="checkbox"/> Natural Gas <input type="checkbox"/> Electrical <input type="checkbox"/> Other <input type="checkbox"/> Telephone
<i>Provide the name, address, contact person and phone number for the owner/operator of all installations checked above, and include detailed plan sheets for each installation. Permits cannot be issued until this information has been received.</i>
Attachments:
Engineer's Drawing Numbers:
Other Attachments/Comments:

I, the undersigned applicant, understand that by submitting this application, I am responsible for payment of COMB costs for review of plans and for construction inspection of the permitted encroachment, whether or not this application is subsequently cancelled and whether or not the proposed encroachment is constructed.

COST EVALUATION FOR AVERAGE TIME/COST OF LAND USE AUTHORIZATION PERMITTING

Permit	Activity	Title	Cost/hour
Minor/	Engineering Plan Review		\$ 85
	Site Visit		\$ 70
Major	Application & Doc Review		\$ 55
	USBR Review		\$ 85

Property Owner of Authorized Representative _____ Title _____ Date _____



United States Department of the Interior



BUREAU OF RECLAMATION
South-Central California Area Office
1243 N Street
Fresno, California 93721-1813

IN REPLY REFER TO:
SCC-453
LND 6.00/WTR 4.00

MAR 17 2010

MAR 17 2010

MAR 17 2010

CACHUMA CONSERVATION BOARD

Ms. Kate Rees
General Manager
Cachuma Conservation Release Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

Subject: Contract for the Transfer of the Operation and Maintenance of the Cachuma Transferred Project Works (O&M Contract) Cachuma Project

Dear Ms. Rees:

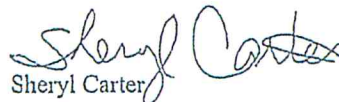
This letter is in response to your request as to whether the Cachuma Operation and Maintenance Board (COMB) has the authority under the subject O&M Contract to issue certain land use documents.

According to Article 6 of your O&M Contract, "the Contractor does not have the authority to issue any land use instrument that conveys an interest in real property, nor to lease or dispose of any interest of the United States, the Contractor may, subject to the written approval of the Contracting Officer, issue permits, licenses, or similar land use instruments only to the extent they do not grant an interest in the real property."

Reclamation hereby approves COMB's issuance of encroachments, provided that you do not grant any interest in real property. At such time of issuance, Reclamation requests that COMB provide copies for our records.

If you have any questions concerning this matter, call me at (559) 487-5299, or for the hearing impaired (TDD) at 800-735-2929 or electronic email at SCarter@usbr.gov

Sincerely


Sheryl Carter
Supervisory, Lands Division



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."

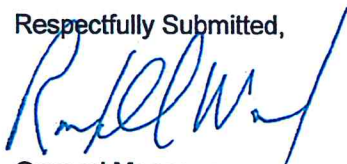
DATE: April 28, 2014

General Manager Report

- **USBR Site Inspection**
Pursuant to a request by USBR, updated information to USBR Category 1 recommendations has been submitted. The cross connection to the SCC is the single remaining Category 1 recommendation remaining to be corrected. It is anticipated the submission of a final response to this recommendation will be provided to USBR during the first week of May.
- **NP Elevator Rehabilitation**
Prospective bidders attended a mandatory site visit prior to the submittal of bid proposals. Final bids were received on April 25, and are currently in the process of evaluation. Multiple contractors have visited the site to offer proposals to seal the seams and cracks in the elevator shaft to avoid water intrusion.
- **Quagga Mussel**
The County Board of Supervisors adopted a staff recommendation to increase the quarantine period for certain watercraft from 14 to 30 days. Additionally, the adoption included pressure washing of certain watercraft that had previously been restricted to a visual inspection. Attached is the Board of Supervisors agenda item that contains specific detail. Also attached is the COMB letter to the Board of Supervisors on the subject.
- **General Manager Letter to USBR**
Pursuant to the request of the Fisheries Committee and the Board, an operational letter was sent to USBR requesting a plan to correct cited outlet works leaks, repeated Hilton Creek Watering System equipment failures and related consequences.
- **Santa Barbara County Drought Task Force (DTF)**
The DTF met on April 23. Members were provided an update of drought related actions within the County and State of California. In addition to the members of the task force, representatives of the State Office of Emergency Services were in attendance. The Director of the State Office of Emergency Services is planning a visit to the Central Coast in the near term.

- **Drought Emergency Pumping Facility Project**
COMB staff, legal counsel and HDR have been involved in contract negotiations following the Board's approval of the recommended contractor. The final contract was signed on April 23. The Board will be briefed on the progress of the design phase prior to the issuance of a Notice to Proceed for Phase 2 (construction). Specific actions of Member Units are required prior to the issuance of a Notice to Proceed for Phase 2. Short term funding is being secured from the Bank of Santa Barbara. Three Member Units have expressed an interest in short term financing.
- **Engineering Services**
COMB has received Statements of Qualification from three engineering firms in response to the Request for Qualification. Evaluations of the Statements of Qualifications will be complete prior to May 1. The engineering services will enable a more educated and expeditious response to operational issues and related operational questions from the Board.
- **Infrastructure Improvement Plan (IIP)**
The IIP has been distributed to the Member Units for review and comment. The IIP will be included as a component of 2014-15 budget development. The proposed IIP is restricted to proposed funding for projects during 2014-15. Once complete, the planned 60-month IIP will follow a similar process of review.

Respectfully Submitted,



General Manager

County of Santa Barbara
BOARD OF SUPERVISORS



First District - Salud Carbajal
Second District - Janet Wolf, Vice Chair
Third District - Doreen Farr
Fourth District - Peter Adam
Fifth District - Steve Lavagnino, Chair

Mona Miyasato, County Executive Officer

Agenda

Tuesday, April 15, 2014

9:00 AM

**COUNTY ADMINISTRATION BUILDING
BOARD HEARING ROOM, FOURTH FLOOR
105 EAST ANAPAMU STREET, SANTA BARBARA**

The Board of Supervisors meets concurrently as the Board of Directors of the Flood Control & Water Conservation District, Water Agency, the Santa Barbara Fund for Public and Educational Access and other Special Districts.

Web Streaming of the Board of Supervisors Meetings, Agendas, Supplemental Materials and Minutes of the Board of Supervisors are available on the internet at: www.countvofsb.org

Persons may address the Board of Supervisors in person or by using the remote video testimony system located at the County Administration Building, Board Hearing Room, Fourth Floor, 105 East Anapamu Street, in Santa Barbara or at the Orcutt Room, Social Services Building, 2125 Centerpointe Parkway, Betteravia Government Center, Santa Maria. Persons may address the Board on any matter listed on the agenda by completing and delivering to the Clerk a speaker slip before the item is considered. Matters not listed on the agenda may be addressed during the public comment period at the conclusion of the administrative agenda. Further information on agenda items can be obtained in the Clerk of the Board Office, Room 407, in the County Administration Building in Santa Barbara.

A-15) COMMUNITY SERVICES14-00279

Consider recommendations regarding revisions to the Cachuma Lake Recreation Area Mandatory Vessel Inspection Program and Boat Launch Protocol, Third District, as follows:

a) Approve revisions to the current Mandatory Vessel Inspection Program and Boat Launch Protocol to require a 30-day quarantine for all trailered vessels prior to entering the Cachuma Lake Recreation Area;

b) Authorize the Director of the Community Services Department to make minor revisions to the Mandatory Vessel Inspection Program and Boat Launch Protocol pursuant to Santa Barbara County Code section 26-87 in the interest of preventing the infestation of Quagga and Zebra Mussel and other aquatic invasive species at Cachuma Lake, expanding or reducing the hours of visual inspection, limiting the use of bait, and expanding the types of vessels that are subject to quarantine; and

c) Determine that the approval of the revisions to the Mandatory Vessel Inspection Program and Boat Launch Protocol is for the protection of the environment and does not involve construction activities or relaxation of standards and is therefore exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Sections 15307 (Actions by Regulatory Agencies for the Protection of Natural Resources) and 15308 (Actions by Regulatory Agencies for the Protection of the Environment) and approve the filing of a Notice of Exemption on those bases.

A-16) COUNTY EXECUTIVE OFFICE14-00090

Consider recommendations regarding the Re-Ratification Drought Proclamation passed March 18, 2014 (Fourth Month Renewal), as follows:

a) Adopt a Resolution re-ratifying the Proclamation of a Local Emergency for Drought and Water Supply Conditions that exist in Santa Barbara County pursuant to Government Code Section 8630(c);

b) Direct the Office of Emergency Management to return monthly for re-ratification of the Emergency until such a time that weather and water supply conditions dictate otherwise; and

c) Determine that this project was found by your Board to be exempt from the provisions of California Environmental Quality Act (CEQA) pursuant State CEQA Guidelines Sections 15061(b) (3) and 15269(a), and that the proposed actions are within the scope of the prior CEQA exemption.

A-17) COUNTY EXECUTIVE OFFICE14-00287

Approve Budget Revision Requests (SEE EXHIBIT A WITH POSTED AGENDA). (4/5 Vote Required).



CACHUMA OPERATION AND MAINTENANCE BOARD

3301 LAUREL CANYON ROAD
SANTA BARBARA, CALIFORNIA 93105-2017
TELEPHONE (805) 687-4011 FAX (805)569-5825
www.cachuma-board.org

April 10, 2014

Chairman Steve Lavagnino
Santa Barbara County Board of Supervisors
105 East Anapamu Street
Santa Barbara, CA 93101

RE: April 15, 2014 Agenda Item Regarding Quagga Mussels and Lake Cachuma

Dear Chairman Lavagnino and Members,

As your Board considers enhanced protocols for the monitoring and prevention of quagga mussels at Lake Cachuma, the Cachuma Operation and Maintenance Board (COMB) expresses its strong support for the County's selecting the most vigorous and robust procedures possible.

COMB has not seen the specific proposal before you, but our general understanding is that it includes expanded quarantine period for boats that do not already have a Cachuma tag affixed to the boat and trailer, an expanded definition of boats requiring quarantine to include kayaks and canoes, and continuation of critically important high temperature power washing of vessels and trailers. We support all of these prevention activities and the heightened vigilance of the County Parks department.

The recent discovery of quagga mussels in nearby Lake Piru, in Ventura County, was alarming to everyone concerned about this invasive species. An infestation of dreissenid mussels--quagga and zebra mussels--at Lake Cachuma would be devastating. The mussels foul water delivery systems, which in this case means the intake system at the lake and the 26-mile-long South Coast Conduit, which conveys water from the lake to the entire South Coast. They also adversely alter the eco-system of the body of water they invade. Should mussels infest a body of water, the literature on the matter suggests that eradication efforts are hugely costly, in fact, orders of magnitude more costly than prevention, and usually accomplish only managed misery rather than actual eradication.

COMB's responsibility is the conveyance of water from Lake Cachuma. This federally-owned reservoir is the principal water source for the entire South Coast of Santa Barbara County. We appreciate the emergency efforts of Parks leadership when the Lake Piru discovery was announced and the attention that has been paid by our County colleagues to COMB's concerns for the security of the water supply and conveyance system.

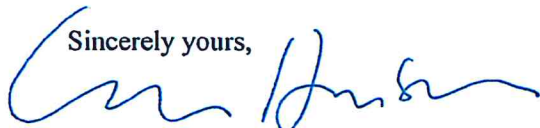
Further, we support County efforts to expand in-lake monitoring for quaggas, and welcome any County measures to put in place all necessary eradication permits in the eventuality that mussels are detected. Immediate eradication efforts apparently offer the only chance to avoid permanent infestation. If the permitting process is started too late, quick action becomes impossible.

*Carpinteria Valley Water District
City of Santa Barbara
Goleta Water District
Montecito Water District
Santa Ynez River Water Conservation District, Improvement District #1
General Manager/Secretary of the Board, Randall M. Ward*

COMB shares the County's interest in encouraging development of a statewide notification system and the dispensing of state funds earmarked for quagga prevention. We are happy to support the County in its efforts to gain access to those funds and to advocate with the County for better information about the movement of trailered boats from lake to lake.

We look forward to continued positive interaction with the County on this very important subject.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "Lauren Hanson". The signature is fluid and cursive, with a large initial "L" and "H".

Lauren Hanson
Board President
Cachuma Operation and Maintenance Board

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	April 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 this Fiscal Year (7/1/13, 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 Oak Tree Program Committee. COMB staff continues to rely on the Fisheries Division seasonal employees to conduct the majority of oak tree work in the field. Severely dry conditions necessitated a round of winter irrigation for all the oak trees, and now a second round of irrigation is underway this spring. After irrigating, staff is following up by hand weeding, removing any extra soil around the root crown, and mulching. The 21 tons of mulch delivered in March has been spread on Year 3, 4 and 5 trees at Bradbury Dam. Another large mulch delivery has been ordered for the remainder of the trees at Bradbury Dam. When all the oaks at Bradbury have been watered and mulched, staff will focus their attention on the oak trees at Storke Flat.

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
Year 6 Oaks (2010-2011)	Irrigated Hand weeded	Cage maint. Road maint.	Cage maint. Mulching	Irrigated	Inventory	Inventory		Irrigated	
Year 5 Oaks (2009-2010)	Irrigated		Cage maint. Irrigated Mulching	Irrigated Mulching	Inventory	Inventory	Irrigated Hand weeded	Soil removal Hand weeded Cage maint.	Mulching Irrigated Cage maint.
Year 4 Oaks (2008-2009)			Cage maint. Irrigated* Mulching	Irrigated* Mulching	Inventory Cage maint.	Inventory	Irrigated Hand weeded	Irrigated Cage maint.	Mulching Irrigated Cage maint.
Year 3 Oaks (2007-2008)			Cage maint. Irrigated* Mulching	Irrigated* Mulching	Inventory Cage maint.	Inventory	Irrigated Hand weeded	Irrigated Cage maint.	Mulching Irrigated Cage maint.
Year 2 Oaks (2006-2007)	Irrigated*	Irrigated* Cage maint. Road maint.	Cage maint. Mulching		Inventory	Inventory			
Year 1 Oaks (2005-2006)	Irrigated*	Irrigated* Cage maint. Road maint.	Cage maint. Mulching		Inventory Mulching	Inventory			

*Valley oaks and trees under 4' in height

FINANCIAL IMPACT:

Tracked but not included.

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

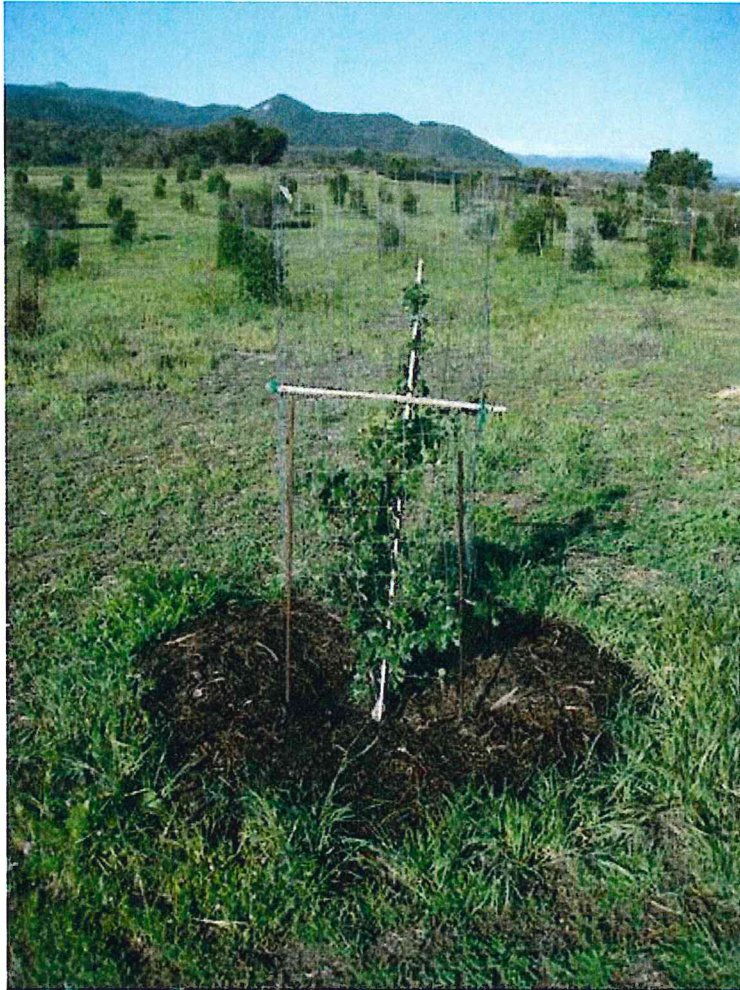
For Board information only.

LIST OF EXHIBITS:

2013 Annual Report

CACHUMA LAKE OAK TREE RESTORATION PROGRAM

2013 ANNUAL REPORT



Prepared for: Cachuma Operation and Maintenance Board

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

April 23, 2014

This Annual Report presents the results (2013 Inventory) and maintenance with water use and financials during Fiscal Year 2012/2013 (FY12/13) for the Lake Cachuma Oak Tree Restoration Program.

Results

An inventory of the oak trees planted in the Lake Cachuma Oak Tree Restoration Program was completed in December 2013. The objective of the annual survey is to determine the status and success rate of the trees planted since the beginning of the program with 6 years of plantings (Year 1 (2005-2006), Year 2 (2006-2007), Year 3 (2007-2008), Year 4 (2008-2009), Year 5 (2009-2010), and Year 6 (2010-2011)) in three different locations around Lake Cachuma (Figure 1).

The following figures and tables are the results of the survey in 2013 with 2012 results included for comparison; overall success rates in 2012 and 2013 (Figures 2 and 3) and success by planting year in 2012 and 2013 (Figures 4-9). The overall success rate dropped from 90.8% in 2012 to 86.1% in 2013 due to root damage by gophers getting through failing gopher cages and general stress from three consecutive years of drought conditions. The higher number of trees accounted for in the COMB database in 2013 is due to adopted saplings, found project trees and planted trees. The number of required mitigated trees from the Lake Cachuma Surcharge Project will be set in 2015 with a two to one survival rate in 2025.

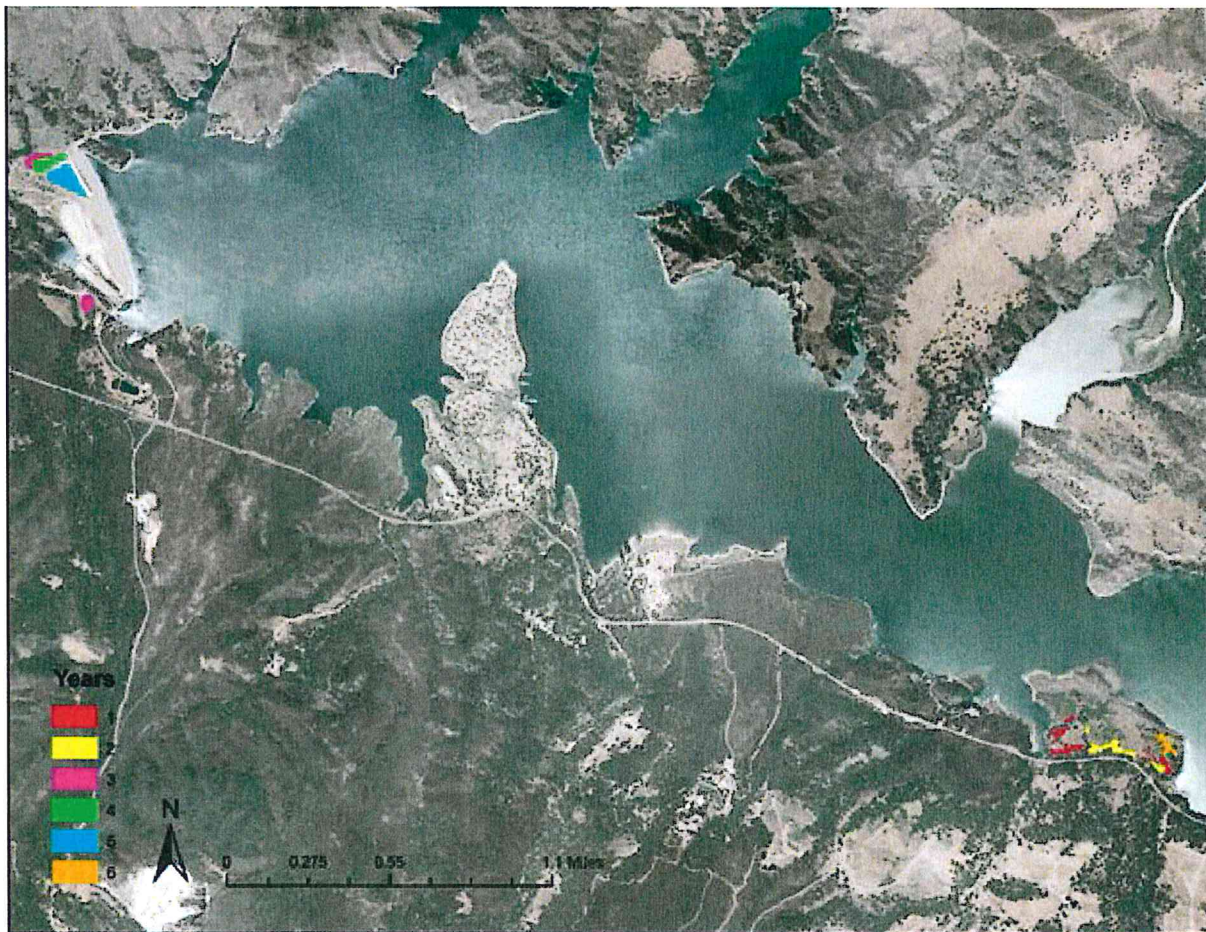


Figure 1: Oak tree planting locations by year planted.

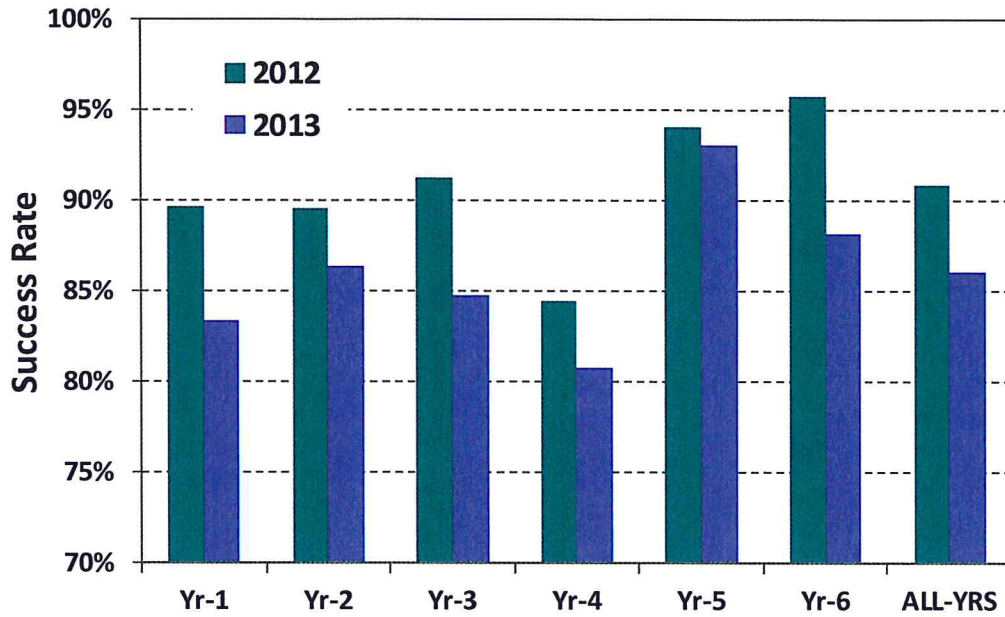


Figure 2: Success rate comparison from 2012 to 2013.

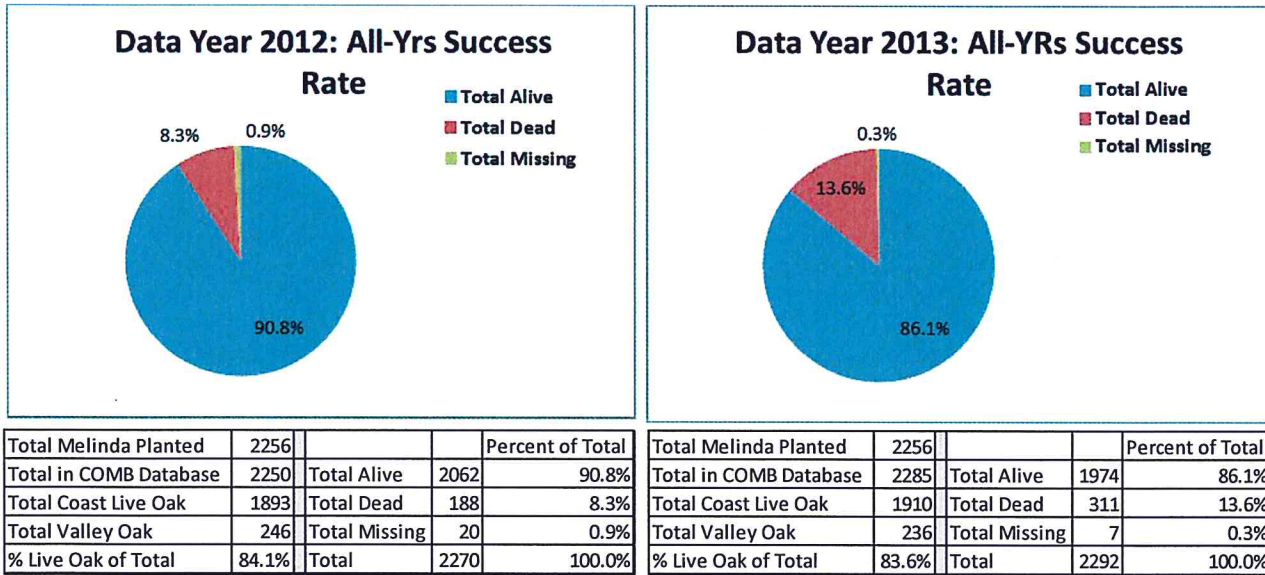
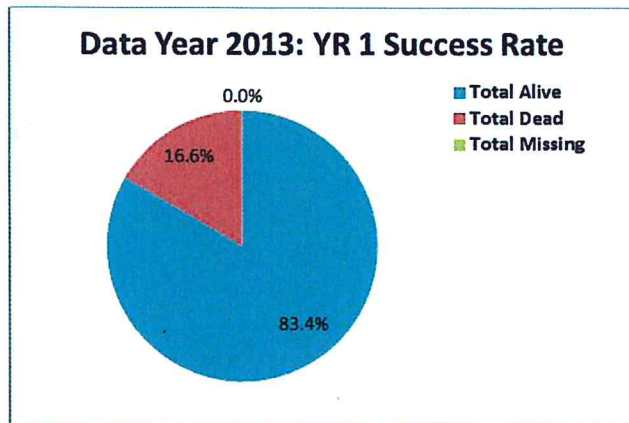
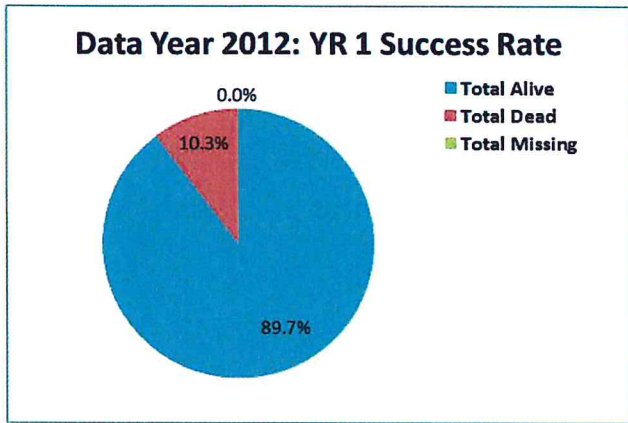


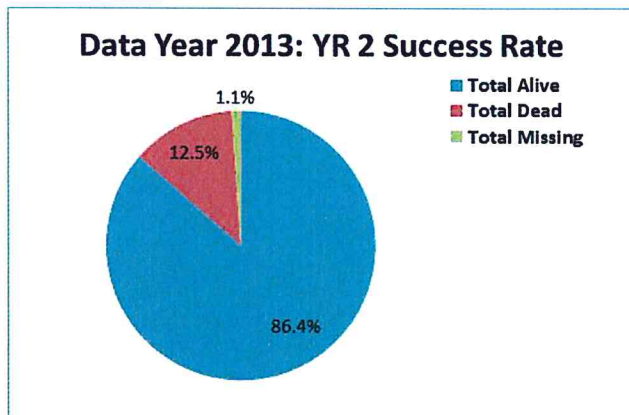
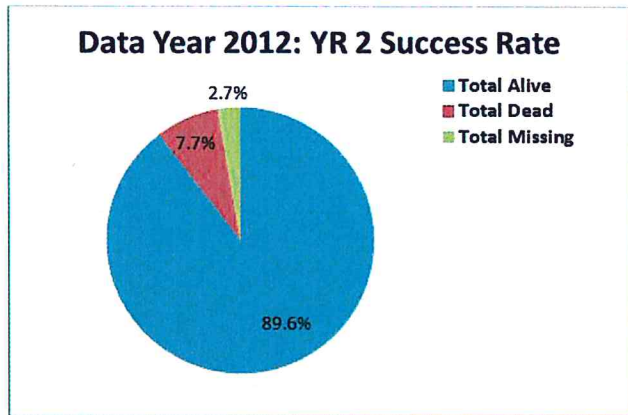
Figure 3: Status of oak trees from all years planted from 2012 to 2013.



Total Melinda Planted	375			Percent of Total
Total in COMB Database	377	Total Alive	338	89.7%
Total Coast Live Oak	331	Total Dead	39	10.3%
Total Valley Oak	29	Total Missing	0	0.0%
% Live Oak of Total	87.8%	Total	377	100.0%

Total Melinda Planted	375			Percent of Total
Total in COMB Database	380	Total Alive	317	83.4%
Total Coast Live Oak	326	Total Dead	63	16.6%
Total Valley Oak	29	Total Missing	0	0.0%
% Live Oak of Total	85.8%	Total	380	100.0%

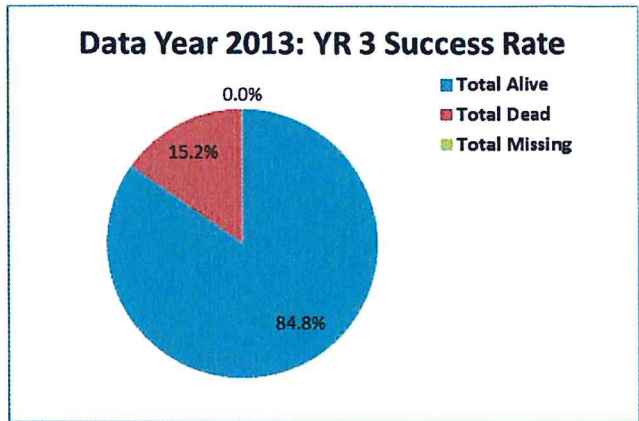
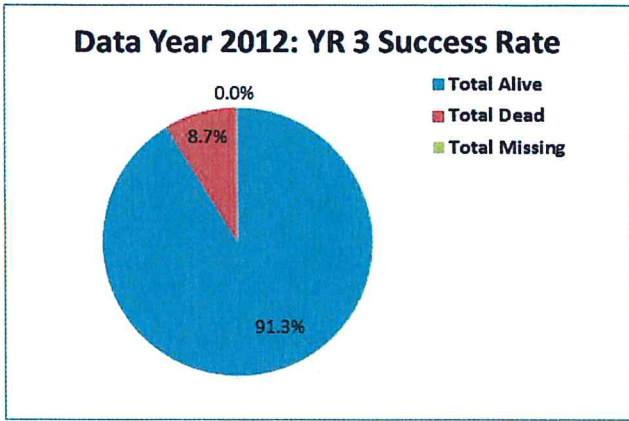
Figure 4: Status of Year 1 trees from 2012 to 2013.



Total Melinda Planted	375			Percent of Total
Total in COMB Database	365	Total Alive	336	89.6%
Total Coast Live Oak	308	Total Dead	29	7.7%
Total Valley Oak	34	Total Missing	10	2.7%
% Live Oak of Total	84.4%	Total	375	100.0%

Total Melinda Planted	375			Percent of Total
Total in COMB Database	371	Total Alive	324	86.4%
Total Coast Live Oak	307	Total Dead	47	12.5%
Total Valley Oak	36	Total Missing	4	1.1%
% Live Oak of Total	82.7%	Total	375	100.0%

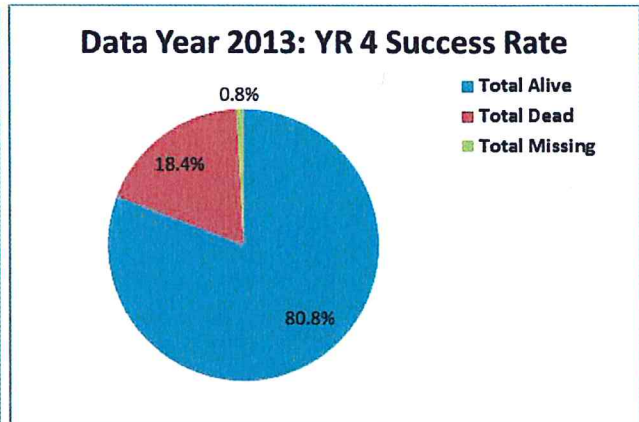
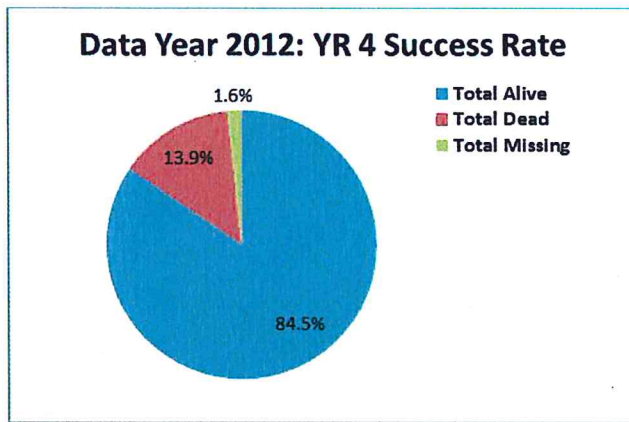
Figure 5: Status of Year 2 trees from 2012 to 2013.



Total Melinda Planted	375			Percent of Total
Total in COMB Database	378	Total Alive	345	91.3%
Total Coast Live Oak	320	Total Dead	33	8.7%
Total Valley Oak	40	Total Missing	0	0.0%
% Live Oak of Total	84.7%	Total	378	100.0%

Total Melinda Planted	375			Percent of Total
Total in COMB Database	394	Total Alive	334	84.8%
Total Coast Live Oak	344	Total Dead	60	15.2%
Total Valley Oak	37	Total Missing	0	0.0%
% Live Oak of Total	87.3%	Total	394	100.0%

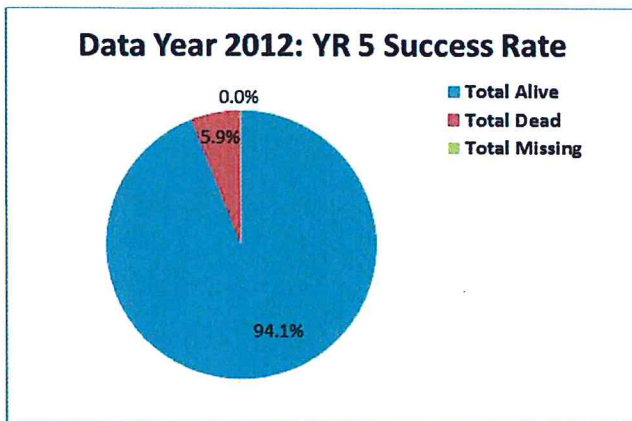
Figure 6: Status of Year 3 trees from 2012 to 2013.



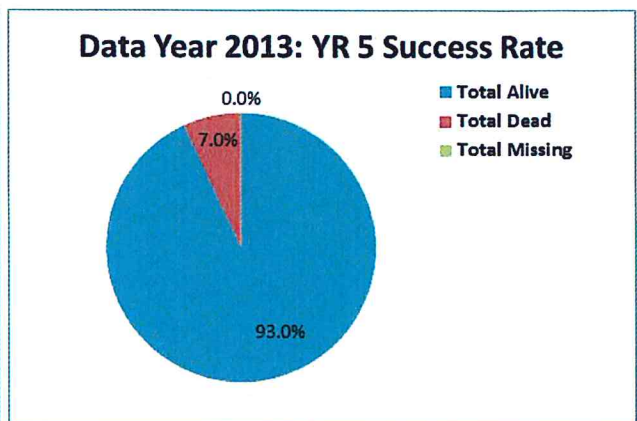
Total Melinda Planted	375			Percent of Total
Total in COMB Database	369	Total Alive	317	84.5%
Total Coast Live Oak	293	Total Dead	52	13.9%
Total Valley Oak	26	Total Missing	6	1.6%
% Live Oak of Total	79.4%	Total	375	100.0%

Total Melinda Planted	375			Percent of Total
Total in COMB Database	372	Total Alive	303	80.8%
Total Coast Live Oak	294	Total Dead	69	18.4%
Total Valley Oak	27	Total Missing	3	0.8%
% Live Oak of Total	79.0%	Total	375	100.0%

Figure 7: Status of Year 4 trees from 2012 to 2013.

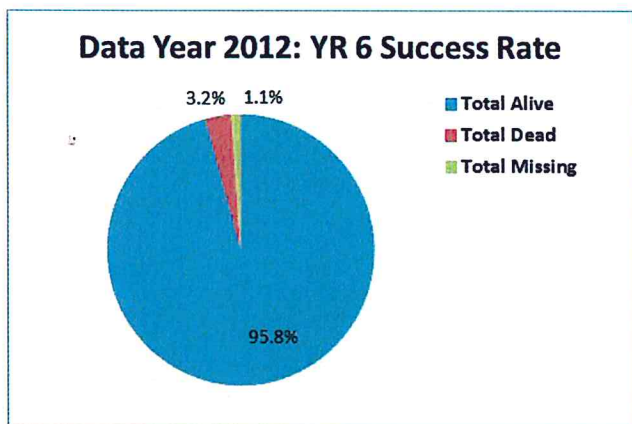


Total Melinda Planted	379			Percent of Total
Total in COMB Database	388	Total Alive	365	94.1%
Total Coast Live Oak	329	Total Dead	23	5.9%
Total Valley Oak	56	Total Missing	0	0.0%
% Live Oak of Total	84.8%	Total	388	100.0%

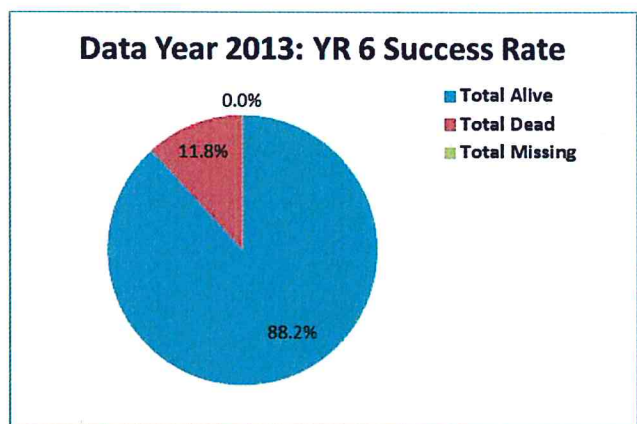


Total Melinda Planted	379			Percent of Total
Total in COMB Database	388	Total Alive	361	93.0%
Total Coast Live Oak	323	Total Dead	27	7.0%
Total Valley Oak	46	Total Missing	0	0.0%
% Live Oak of Total	6.1	Total	388	100.0%

Figure 8: Status of Year 5 trees from 2012 to 2013.



Total Melinda Planted	377			Percent of Total
Total in COMB Database	373	Total Alive	361	95.8%
Total Coast Live Oak	312	Total Dead	12	3.2%
Total Valley Oak	61	Total Missing	4	1.1%
% Live Oak of Total	83.6%	Total	377	100.0%



Total Melinda Planted	377			Percent of Total
Total in COMB Database	380	Total Alive	335	88.2%
Total Coast Live Oak	316	Total Dead	45	11.8%
Total Valley Oak	61	Total Missing	0	0.0%
% Live Oak of Total	83.2%	Total	380	100.0%

Figure 9: Status of Year 6 trees from 2012 to 2013.

Maintenance

Maintenance of all planted oak trees in FY12/13 included irrigating, weeding, mulching, deer and gopher cage maintenance, and occasional light pruning (Table 1). The total amount of water used from Lake Cachuma to irrigate oak trees in FY12/13 is provided in Table 2.

Table 1: Cachuma Oak Tree Restoration Program completed maintenance in FY12/13.

Oak Year Class	Completed Tasks											
	Jul 2012	Aug 2012	Sep 2012	Oct 2012	Nov 2012	Dec 2012	Jan 2013	Feb 2013	Mar 2013	Apr 2013	May 2013	Jun 2013
Year 6 Oaks (2010-2011)	Site inspection Irrigated Weed whacked	Mulched Irrigated Cage maint. Hand weeded Inventoried	Irrigated	Irrigated Tag replacement			Cage maint. Pruning				Irrigated	Cage maint. Irrigated
Year 5 Oaks (2009-2010)	Site inspection Irrigated Weed whacked	Mulched Irrigated Hand weeded	Irrigated Inventoried	Irrigated					Cage maint.	Cage maint. Irrigated	Irrigated	Irrigated
Year 4 Oaks (2008-2009)	Site inspection Irrigated* Weed whacked	Mulch delivered Irrigated*	Irrigated Inventoried	Inventoried Mulched				Cage maint. Pruning	Cage maint. Hand weeded Mulched	Cage maint. Irrigated	Irrigated	Irrigated
Year 3 Oaks (2007-2008)	Site inspection Irrigated* Weed whacked	Mulch delivered Irrigated*	Irrigated Inventoried	Inventoried Mulched				Cage maint. Pruning	Cage maint. Hand weeded Mulched	Cage maint. Irrigated	Irrigated	Irrigated
Year 2 Oaks (2006-2007)	Site inspection Weed whacked	Cage maint. Irrigated*	Cage maint.	Inventoried Cage maint.	Inventoried Cage maint.	Cage maint. Pruning	Cage maint. Pruning				Cage maint.	Irrigated
Year 1 Oaks (2005-2006)	Site inspection Weed whacked	Cage maint. Irrigated*	Cage maint.	Inventoried Cage maint.	Inventoried Cage maint.	Cage maint. Pruning	Cage maint. Pruning				Cage maint.	Irrigated

*Valley Oaks watered

Table 2: Cachuma Oak Tree Restoration Program water usage from Lake Cachuma for irrigation during FY12/13; no watering occurred during months not reported.

Month	Gallons	Acre-feet
July	15,525	0.05
August	17,100	0.05
October	10,800	0.03
April	45,000	0.14
May	55,800	0.17
June	49,950	0.15
Total:	194,175	0.60

Financials

Annual expenses by Fiscal Year since the beginning of the Lake Cachuma Oak Tree Restoration Program in FY05/06 are presented in Table 3. The totals include COMB staff (plus burden) and consulting arborist hours, material, supplies and fuel expenses over the period. The breakout for those costs has been presented to the COMB Board Lake Cachuma Oak Tree Committee.

Table 3: Total program costs by Fiscal Year.

Fiscal Year	Operator	Cost
05/06	Fournier	\$116,731
06/07	Fournier	\$117,620
07/08	Fournier	\$138,786
08/09	Fournier	\$137,872
09/10	Fournier	\$136,900
10/11	Fournier	\$137,878
11/12	Fournier	\$79,439
12/13	COMB	\$101,431
13/14*	COMB	\$36,949
Total:		\$1,003,606

*As of 3/31/14.

The total cost of the Lake Cachuma Oak Tree Restoration Program to date in FY13/14 (7/1/13-3/31/14) is \$36,949. Again, the total reflects personnel cost (labor plus burden), materials, expenses (equipment and fuel), and consultant fees. For comparison, the total cost in FY12/13 during the same period (July-March) was \$91,105; \$101,431 was the total for the fiscal year as reported to the COMB Board during July, 2013. The cost reduction between FY12/13 and FY13/14 is attributed to multiple factors, which include:

- Relying on the COMB Fisheries Division seasonal staff to conduct the bulk of field activities.
- Scaling back on the amount of full-time staff being used.
- Reduced equipment needs as the bulk of purchases occurred during the initial start-up of the program during the previous fiscal year when COMB took over the project.
- Reduced consultant hours.
- Reduced vehicle gas consumption as half the seasonal staff live in the Santa Ynez Valley and use their own vehicles to travel to oak tree locations.
- Reduced equipment (generator/pumps) gas consumption from more efficient hosing and better delivery technique for extracting water from Lake Cachuma.

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: April 28, 2014
TO: Board of Directors
FROM: Randall Ward, General Manager
RE: OPERATIONS 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 for February was 1523.3 acre-feet for an average daily flow of 94.13 acre-feet. The lake elevation was 701.42 feet at the beginning of the month and 701.49 feet at the end. The storage change increased 525 acre-feet. CCWA wheeled 1362.9 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 sixty-seven 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
- 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.

- ✓ Carpal Tunnel Syndrome
- ✓ Underground Service Alerts
- ✓ Stroke Risks, Brain Damage and Death
- ✓ Manhole a Confined Space

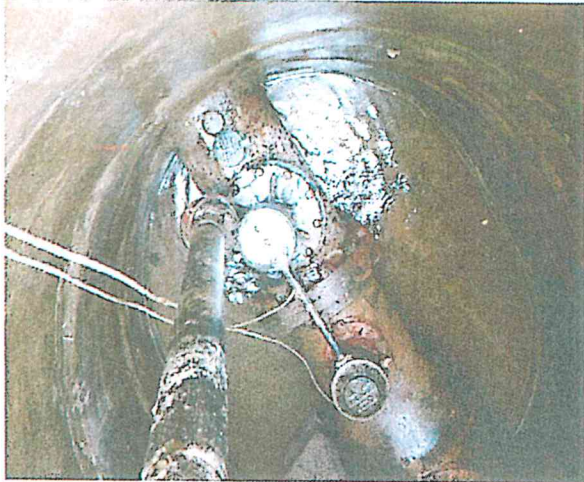
COMB Crew specifically performed the following activities:

- Fire extinguisher recharge and training
- Red Cross performed CPR training
- Installed flap valves on two Lower Reach stations, Stanwood (223+40) and Mission Creek (74+02) this was a USBR Category 2 Recommendation (Photo included)
- Removal of calcium build-up in Lauro Tunnel (Photo included)
- Hydraulic line repair in Lauro Tunnel this was a USBR Category 2 Recommendation (Photo included)
- Removed the leaking meter in Lateral 27 at Carpinteria (Photo included)
- Water sampling at Lake Cachuma
- Lauro Boy Scout Debris Basin removal of brush and silt
- Carpinteria Upper Reservoir valve pit painting and cleaning
- Provided support for tour of Lake Cachuma with Senator Jackson
- Lauro Reservoir and Yard weed abatement
- Carpinteria weed abatement
- Held two pre-construction meetings for the elevator rehabilitation
- Replaced the AVAR Valve and cleared the drain line at Station 199+63
- Wind screening was installed at Sheffield Control Station

Photos

Lateral 27 Leaking Meter Removal

(Before)



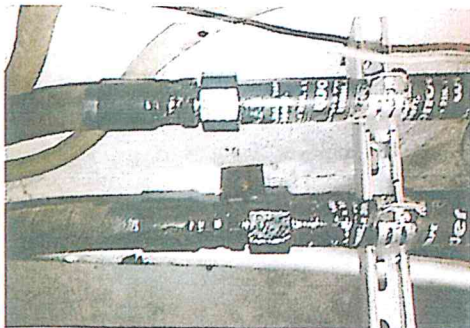
(After)



Installation of Flap Valves



Lauro Tunnel Hydraulic Line Repair



Lauro Tunnel Calcium Build-up Removal



CACHUMA OPERATION AND MAINTENANCE BOARD
BOARD MEMORANDUM

DATE: April 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. Due to the dry conditions, the thermograph network is being deployed this month 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.

Migrant Trapping:

This monitoring effort normally begins in January and continues through May depending on stream flow rates. Due to an excessively dry year and limitations in the number of juvenile and adult take as stipulated in the Cachuma Project BO, a reduced trapping program began on 2/20/14. The 2014 Trapping Plan was approved by Reclamation and submitted to NMFS prior to initiating trapping. CPBS will carefully monitor take numbers throughout the season to assure take limits will not be exceeded. Currently only the Hilton Creek traps are in the water due to very low flow conditions and no possibility of passage at the other two trapping locations. Results of the trapping program are presented in the Annual Monitoring Report.

Redd Surveys:

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

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.

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. 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. Grant awards will be announced in January, 2015.

Quiota Creek Crossing 8: No further progress has been made.

Rancho Salsipuedes Cattle Exclusionary Fencing and Off-Channel Watering: COMB has received a \$16,703 grant for this project through the Fish America Foundation. The project was approved and the grant accepted by the COMB Board (Resolution 561) on 3/25/13 after review and recommendation for approval by the COMB Board Fisheries Committee. The project was also reviewed by the COMB Board Administrative Committee on 11/26/13. CPBS has finalized the design and is awaiting the Landowner Access Agreement. We hope to implement the project by the beginning of May, 2014.

Salsipuedes Creek – Jalama Road Fish Ladder: No further progress has been made.

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 1). All numbers come from Reclamation'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 1 once Reclamation determines the amount of AMA water used during the second event.

Table 1: 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***	5,242	5,242	0
Project Yield		9,920	
Total:	8,942	15,197	3,665
* Originally was 9,200 and as of 2008 it is 8,942.			
** Values as of 3/31/14.			
*** 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: There were three interruptions of flow incidents to Hilton Creek from failures of the HCWS operated by Reclamation during March, the first on 3/1/14 (4 rescues and 19 mortalities), the second on 3/12/14 (20 rescues and 56 mortalities), and third on 3/26/14 (1 rescued and 1 mortality). CPBS delivered the mortalities to NMFS and submitted incident reports to Reclamation to be sent to NMFS as soon as possible. The 2011 Annual Monitoring Report (AMR) was vastly modified by Reclamation 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 a COMB Board Fisheries Committee meeting.

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. CPBS staff gave a talk on southern steelhead this month at a Carpinteria Creek Watershed Coalition in Carpinteria that was well received.

Consultant Activity Summary:

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

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

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

CACHUMA OPERATION AND MAINTENANCE BOARD
METERED USE REPORT FOR MARCH 2014

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Ortega South Flow		204.44	18+62	G. WEST	59.41
Asegra Road		(1.49)	78+00	Corona Del Mar FILTER Plant	434.20
Lambert Road		(0.52)	122+20	STOW RANCH	0.01
Toro Canyon		(2.63)		Bishop Ranch (Wynmark)(Water Rights)	0.00
				Raytheon (SWP) (Warren Act Contract)	0.00
				Morehart (SWP) (Warren Act Contract)	0.00
				GWD SWP CREDIT (Warren Act Contract)	(493.62)
			TOTAL		0.00
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	18.87
			386+65	MWD YARD	0.03
			487+07	VALLEY CLUB	0.00
			499+65	E. VALLEY-ROMERO PUMP	120.72
			599+27	TORO CANYON	2.63
			510+95	ORTEGA CONTROL	9.52
			510+95	MWD PUMP (SWD)	8.35
			526+43	ASEGRA RD	1.49
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.52
				MWD SWP CREDIT (Warren Act Contract)	(162.13)
			TOTAL		0.00
			CITY OF SANTA BARBARA		
			CATER	INFLOW	1,211.52
			"	SO. FLOW	(463.53)
			Gibraltar	PENSTOCK	(58.46)
			Sheffield	SHEF.LIFT	89.57
				STANWOOD MTR TO SCC-credit	0.00
				City SWP(Warren Act)	(286.00)
				La Cumbre Mutual (SWP)(Warren Act)	(13.86)
			TOTAL		479.24
			S. Y. RIVER WTR CON DIST., ID#1		
			COUNTY PARK, ETC		1.47
			TOTAL		1.47
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WTR DELIVERED TO LAKE		1362.90
			STATE WATER TO SOUTH COAST (including from storage)		(1060.61)
			BISHOP RANCH DIVERSION		0.00
			METERED DIVERSION		575.51
			STATE WTR CRD (105.00)		
			TOTAL		94.80
Note: COMB meter reads were taken on 3/31/2014					

13-14 ENTITLEMENT

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

(All in rounded Acre Feet)

	MONTH TOTAL				YTD TOTAL	
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)	1,523				14,552	
Tecolote Tunnel Infiltration	106				706	
Glen Anne Reservoir	0				0	
Cachuma Lake (County Park)	1				16	
State Water Diversion Credit	1,061				4,225	
Bishop Ranch Diversion	0				0	
Meter Reads	576				10,638	
So. Coast Storage gain/(loss)	(27)				(1)	
Total Production	1,631				15,274	
Total Deliveries	1,609				14,863	
Unaccounted-for	22				411	
% Unaccounted-for	1.37%				2.69%	
	GWD	SB CITY	MWD	CVWD	SYRWCD I.D. #1	TOTAL
WATER USE:						
M&I	0	479	0	46	1	527
Agricultural	0	0	0	48	0	48
TOTAL FOR MONTH	0	479	0	95	1	576
Same Mo/prev. yr	774	753	348	251	3	2,129
M&I Yr to date	2,390	4,961	975	601	15	8,943
Ag. Yr to date	932	0	151	640	0	1,723
TOTAL YTD	3,322	4,961	1,126	1,242	15	10,667
USAGE % YTD	35.2%	43.4%	34.3%	40.6%	1.3%	35.7%
Previous Year/YTD	4,854	4,216	1,609	1,181	23	11,883
Evaporation	0	0	0	0	5	5
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^	154	22	184	69	(429)	0
Transfers/Adjustment #	(241)	534	(293)	0	0	0
Passthrough H2O**	0	0	0	0	0	0
TOTAL AVAILABLE	9,451	11,510	3,324	3,061	2,697	30,043
REMAINING BALANCE	6,127	6,516	2,185	1,817	2,662	19,306

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

State Water Deliveries for March to Lake Cachuma were: MWD 245 AF; CVWD 105 AF
GWD 648 AF (Morehart 0 AF); City of S.B. 286 AF; and LaCumbre 78 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 33 AF; MWD received 22 AF;
City of SB received 22 AF; and CVWD received 15AF from ID#1 in March 2014.

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

CACHUMA OPERATION AND MAINTENANCE BOARD WATER STORAGE REPORT

MONTH: **March 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	545.30 Feet
Water in Storage	515.78 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	450.50 Feet
Water in Storage	30.97 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	375.80 Feet
Water in Storage	25.21 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	-27.33 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	701.49 Feet
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Water in Storage	76,922 AF
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Area	1,638
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Evaporation	555.2 AF
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Inflow	1,039 AF
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Downstream Release WR8918	0.0 AF
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Fish Release (Hilton Creek)	233.6 AF
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Outlet	46.0 AF
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Spill/Seismic Release	0 AF
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State Project Water	1362.9 AF
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Change in Storage	524 AF
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Tecolote Diversion	1,523.3 AF
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SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

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

Contract Entity: Carpinteria Valley Water District
 Last updated by C.O.M.B. 3/31/14

Approved Schedule Current Year: 2813
 Carryover Previous Year: 179

Month	TOTAL WATER USED		WATER USED CHARGED TO CARRYOVER BALANCES		WATER USED CHARGED TO CURRENT ENTITLEMENT		
	M & I	Agr	Evap	Div	Total	Allocation	Total
Oct	129	147	2	177	179	84	98
Nov	134	135	0	0	0	0	269
Dec	110	103	0	0	0	0	213
Jan	145	163	0	0	0	0	308
Feb	37	44	0	0	0	0	81
Mar	46	48	0	0	0	0	94
Apr							
May							
Jun							
Jul							
Aug							
Sep							
Total	601	640			1,242		

	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE	
	M & I	Agr	M & I	Agr	M & I	Agr
Oct	84	-84	0	0	0	0
Nov	0	0	0	0	0	0
Dec	0	0	0	0	0	0
Jan	0	0	0	0	0	0
Feb	0	0	0	0	0	0
Mar	0	0	0	0	0	0
Apr						
May						
Jun						
Jul						
Aug						
Sep						
Total	84	-84	0	0	0	0

	SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
	Total	AG	M&I	AG
Begin Bal	179	179	1,013	1,800
ID#1 Ex+53				53
ID#1 Ex+1				1
ID#1 Ex+15			7	8
Total	179	179	1,013	1,800

	REMAINING BALANCES		
	Total	M&I	AG
Begin Bal	0	0	0
ID#1 Ex+53	0	0	0
ID#1 Ex+1	0	0	0
ID#1 Ex+15	0	0	0
Total	0	0	0

TOTAL 1,819

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

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

Contract Entity: Goleta Water District
 Last updated by C.O.M.B. 3/31/14

Month	Approved Schedule		Carryover Previous Year	WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT			
	Current Year	9322		Evap	Acre-feet		M & I	Agr	M & I	Agr	
					Div	Total					M & I
Oct				2	214	216	156	60	667	256	923
Nov				0	0	0	0	0	639	220	859
Dec				0	0	0	0	0	564	250	814
Jan				0	0	0	0	0	365	147	512
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											
Jun											
Jul											
Aug											
Sep											
Total		9322	216			216			682	2,460	9,322

Month	STORAGE WATER		CONVERSIONS		SCHEDULES AND REVISIONS		Total
	M & I	Agr	M & I	Agr	M & I	AG	
Oct	156	-156	0	0	6,862	216	9,322
Nov	0	0	0	0	119	0	119
Dec	0	0	0	0	(239)	0	(239)
Jan	0	0	0	0		0	0
Feb	0	0	0	0		0	0
Mar	0	0	0	0	27	6	33
Apr	0	0	0	0		0	0
May						0	0
Jun						0	0
Jul						0	0
Aug						0	0
Sep						0	0
Total	156	-156	0	0	6,862	216	9,322

Month	REMAINING BALANCES		Total
	M & I	AG	
Oct	0	0	0
Nov	0	0	0
Dec	0	0	0
Jan	0	0	0
Feb	0	0	0
Mar	0	0	0
Apr	0	0	0
May	0	0	0
Jun	0	0	0
Jul	0	0	0
Aug	0	0	0
Sep	0	0	0
Total	0	0	0

TOTAL 6,127

SUMMARY OF WATER USED
CACHUWA 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. 3/31/14

Month	TOTAL WATER USED		WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Acre-feet		Acre-feet		Total
				Div	Allocation	M & I	Agr	
Oct	0	0	0	7	7	0	0	0
Nov	338	46	383	341	388	46	0	0
Dec	287	34	321	288	323	34	0	0
Jan	304	61	365	54	65	11	250	300
Feb	47	10	57	0	0	0	47	10
Mar	0	0	0	0	0	0	0	0
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Total	975	151	1,126					

STORAGE WATER		CONVERSIONS	
M & I	Agr	M & I	Agr
0	0	0	0
341	-341	0	0
288	-288	0	0
54	-54	247	(247)
-774	774	47	(47)
774	-774	-343	343

Month	CURRENT SCHEDULE		SCHEDULE AND REVISIONS		Total
	M & I	Agr	M & I	Agr	
Oct	0	0	2,386	265	2,651
Nov	0	0	(134)	0	(134)
Dec	0	0	2	2	2
Jan	0	0	1	1	1
Feb	(247)	(47)	0	0	0
Mar	(47)	343	11	11	22
Apr					0
May					0
Jun					0
Jul					0
Aug					0
Sep					0

Month	REMAINING BALANCES		Total
	M & I	Agr	
Oct	775	0	775
Nov	387	-387	0
Dec	65	-709	-644
Jan	0	-774	-774
Feb	0	-774	-774
Mar	0	-774	-774
Apr	0	-774	-774
May			
Jun			
Jul			
Aug			
Sep			

TOTAL 2,185

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

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

Contract Entity: Santa Ynez River Water Conservation District, ID#1
Last updated by C.O.M.B. 3/31/14

Month	Approved Schedule		Carryover	Previous Year	TOTAL WATER USED			WATER USE CHARGED TO CARRYOVER BALANCES			WATER USE CHARGED TO CURRENT ENTITLEMENT		
	Current Year	2651			475	M & I	Agr	Total	Evap	Div	Total	M & I	Agr
Oct					6	0	6	4	6	11	0	0	0
Nov					2	0	2	3	2	5	0	0	0
Dec					2	0	2	2	2	4	0	0	0
Jan					2	0	2	3	2	5	0	0	0
Feb					2	0	2	3	2	4	0	0	0
Mar					1	0	1	5	1	6	0	0	0
Apr					0	0	0						
May					0	0	0						
Jun					0	0	0						
Jul					0	0	0						
Aug					0	0	0						
Sep					0	0	0						
Total		2651		475	16	0	16			475	16	459	2,651

Month	STORAGE WATER	CONVERSIONS	CURRENT SCHEDULE	SCHEDULE AND REVISIONS	Total
Month	M & I	Agr	M & I	M & I	Agr
Oct	0	0	0	863	1,788
Nov	0	0	0	(66)	(331)
Dec	4	-4	0	(5)	(5)
Jan	5	-5	0	(1)	(1)
Feb	4	-4	0		0
Mar	6	-6	0	(43)	(49)
Apr					0
May					0
Jun					0
Jul					0
Aug					0
Sep					0
Total					2,651

Month	COUNTY PARKS A.F. Used	REMAINING BALANCES	Total
Month	A.F. Used	M & I	Agr
Oct	6.37	797	1523
Nov	2.24	792	1523
Dec	2.21	791	1523
Jan	2.11	791	1523
Feb	1.62	791	1523
Mar	1.47	748	1474
Apr			
May			
Jun			
Jul			
Aug			
Sep			
Total	16.02	797	2,662

*NOTE:
Item #10a
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SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #175R-1802

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

Santa Barbara Co. Water Agency
 Last updated by C.O.M.B. 3/31/14

Contract Entity:

Month	Approved Schedule		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT				
	Current Year	25714		4329	Use %	Acre-feet		Evap	Allocation		Agr	Acre-feet		
						M & I	Agr		Total	M & I		Agr	Total	M & I
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					0	0								
May					0	0								
Jun					0	0								
Jul					0	0								
Aug					0	0								
Sep					0	0								
Total		25714	4329		8,943	1,723								

CONVERSIONS

STORAGE WATER	MONTH	CONVERSIONS
M & I	Month	M & I
240	Oct	0
341	Nov	0
292	Dec	0
59	Jan	247
-770	Feb	-47
780	Mar	-343
	Apr	
	May	
	Jun	
	Jul	
	Aug	
	Sep	

SCHEDULE AND REVISIONS

Month	Total	M & I	Agr	Total
Begin Bal	4,329	3,014	1,324	19,401
Oct	0	0	0	212
Nov	0	0	0	(1)
Dec	0	0	0	0
Jan	0	0	0	0
Feb	0	0	0	0
Mar	0	0	0	24
Apr	0	0	0	0
May	0	0	0	0
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Total	4,329	3,014	1,324	25,714

COUNTY PARKS

Month	A.F. Used	Total	M & I	Agr	Total
Oct	6.37	2725	1491	459	16648
Nov	2.24	1184	338	72	15874
Dec	2.21	520	1	-254	14632
Jan	2.11	451	1	-324	13101
Feb	1.62	446	-773	446	12812
Mar	1.47	440	1	-334	11968
Apr					
May					
Jun					
Jul					
Aug					
Sep					
Total					

TOTAL 19,309

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

APRIL 2014

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: April 23, 2014

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	CCWA INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.				EVAP		PRECIP INCHES	
		IN LAKE	CHANGE				TUNNEL	HILTON CREEK	OUTLET	SPILLWAY	AF.	INCH		
	701.49	76,922												
1	701.50	76,938	+16	19.7	47.9	35.5	61.4	7.8	.0	.0	17.9	.164	.26	
2	701.50	76,938	+0	-34.2	47.9	42.3	39.0	7.8	1.3	.0	7.9	.072	.31	
3	701.51	76,954	+16	24.7	47.8	.0	31.6	7.8	1.5	.0	15.6	.143	.00	
4	701.50	76,938	-16	-5.2	47.8	.0	30.7	7.8	1.6	.0	18.5	.169	.00	
5	701.46	76,872	-66	11.2	5.4	.0	53.4	7.8	1.6	.0	19.8	.181	.00	
6	701.41	76,791	-81	5.1	0.0	.0	54.7	7.8	1.6	.0	22.0	.202	.00	
7	701.37	76,725	-66	13.5	0.0	.0	47.9	7.7	1.6	.0	22.3	.205	.00	
8	701.31	76,627	-98	23.4	0.0	.0	79.5	7.7	1.5	.0	32.7	.300	.00	
9	701.25	76,529	-98	7.4	0.0	.0	68.8	7.7	1.6	.0	27.3	.251	.00	
10	701.19	76,430	-99	22.8	0.0	.0	83.5	7.6	1.6	.0	29.1	.268	.00	
11	701.13	76,332	-98	11.9	0.0	.0	82.9	7.8	1.6	.0	17.6	.162	.00	
12	701.06	76,217	-115	5.9	0.0	.0	84.1	7.8	1.6	.0	27.4	.252	.00	
13	701.00	76,119	-98	10.4	0.0	.0	83.5	7.8	1.5	.0	15.6	.144	.00	
14	700.96	76,055	-64	24.4	0.0	.0	57.1	7.8	1.6	.0	21.9	.202	.00	
15	700.90	75,958	-97	12.9	0.0	.0	74.3	7.8	1.6	.0	26.2	.242	.00	
16	700.84	75,861	-97	1.6	0.0	.0	63.6	7.8	1.6	.0	25.6	.237	.00	
17	700.78	75,765	-96	4.8	0.0	.0	67.8	7.8	1.6	.0	23.6	.219	.00	
18	700.74	75,700	-65	26.8	0.0	.0	66.3	7.8	1.5	.0	16.2	.150	.00	
19	700.69	75,620	-80	0.2	0.0	.0	62.0	7.8	1.6	.0	8.8	.082	.00	
20	700.63	75,523	-97	-5.5	0.0	.0	61.4	7.9	1.6	.0	20.6	.191	.00	
21	700.59	75,459	-64	26.0	0.0	.0	54.3	7.8	1.6	.0	26.3	.245	.00	
22	700.52	75,346	-113	-2.2	0.0	.0	74.0	7.8	1.6	.0	27.4	.255	.00	
23	700.45	75,234	-112	-7.1	8.3	.0	70.0	7.8	1.5	.0	33.9	.316	.00	
TOTAL (AF)			-1,688	198.5	205.1	77.8	1,451.8	179.0	34.4	.0	504.2	4.652	.57	
(AVG)		76,214												

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: MARCH 2014

CACHUMA LAKE BOAT LAUNCH DATA:

Cachuma Lake Recreation Area Boat Launch Data -- March 2014		
Inspection Data		
Total Vessels entering Park	369	
Total Vessels launched	331	
Total Vessels Quarantined	38	10%
Returning with Boat Launch Tag	292	88%
Arriving new: Inspected, washed	3	1%
Kayak/Canoe: Inspected	36	11%
4-stroke engines	209	63%
2-strokes, w/CARB star ratings	63	19%
2-strokes, NO emissions ratings	23	7%

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 MARCH 31, 2014.

Quarantine Data		
Total Vessels Quarantined	38	
Quarantined 7 days	0	
Quarantined 14 days	38	

Quarantine Reasons -- Can be several for 1 boat		
Water on vessel	0	
Debris on hull	0	
Plug installed	0	
From infected county	0	
Ballast tanks	0	
Boat longer than 24 feet	1	
Out-of-state	0	
Mandatory 14-day Quarantine	38	
Unspecified	0	

Demographic Data		
Quarantined from infected county	8	
Quarantined from SB County	20	
Quarantined from uninfected co	10	

CACHUMA LAKE QUAGGA SURVEY:

Summary: No Dreissenid mussels were detected
 Inspection site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time : 2014.03.27; 1300 – 1600 PDT
 Method: 8 PVC/Cement Sampling Stations; 201 linear feet of line
 Surveyors: Liz Gaspar (Parks Division, CSD), Keith Yaeger (Sea Grant)
 Lake Elevation: 701.58 from maximum of 753 feet

Prepared by Liz Gaspar, based on inspections and data collected by Cachuma Lake Staff and Park Hosts, and Sea Grant staff and interns
 G:\PARKS-OPERATIONS\MID COUNTY\CACHUMA\QUAGGA MUSSELS\Quagga Inspections\Inspection Summaries\Cachuma AIS Reports\Cachuma AIS Reports 2014\AIS Inspection&Survey Summ 2014.03.doc