

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

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

Monday, October 19, 2015

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 September 17, 2015 Special Board Meeting;
Minutes September 28, 2015 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Review of Paid Claims
 - d. Review of Pending Claims for Payment
4. **OPERATIONS DIVISION STAFF PRESENTATION – OVERVIEW OF SOUTH COAST CONDUIT CONVEYANCE SYSTEM**
Receive information regarding an overview of the South Coast Conduit Conveyance System
5. **VERBAL REPORTS FROM BOARD COMMITTEES**
Receive verbal information regarding the following committee meetings:
 - Special Operations Committee Meeting – October 8, 2015
 - Lake Cachuma Oak Tree Committee Meeting – October 14, 2015
 - Special Administrative Committee Meeting – October 15, 2015

6. **INTERIM GENERAL MANAGER'S REPORT**
Receive information from the Interim General Manager on topics pertaining to COMB, including but not limited to the following:
 - Board Administration
 - Personnel
 - Financial
 - Operations Division
 - Santa Barbara County Drought Task Force

7. **OPERATIONS DIVISION REPORT**
Receive information regarding Operations Division, including but not limited to the following:
 - Lake Cachuma Operations
 - Operation and Maintenance Activities

8. **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

9. **UPDATE ON FISH PASSAGE IMPROVEMENT PROJECT – QUIOTA CREEK CROSSING 3**
Receive information regarding the status of the Fish Passage Improvement Project

10. **PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM**
Receive information regarding the Lake Cachuma Oak Tree Program including but not limited to the following:
 - Maintenance and Monitoring
 - 2014 Draft Annual Report

11. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**

12. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING AND POTENTIAL LITIGATION**
 - a. [Government Code Section 54956.9(d)(4)]
Name of case: California Trout, Inc. v. United States Bureau of Reclamation et al., United States District Court, CDCA, Case No., 2:14-CV-7744

 - b. [Government Code Section 54956.9(d)(4)]
Name of matter: Protest of Member Unit re: Payment of Assessment for Certain Fisheries Related Activities.

13. **RECONVENE INTO OPEN SESSION**
[Government Code Section 54957.7]
Disclosure of actions taken in closed session, as applicable
[Government Code Section 54957.1]

- a. California Trout, Inc. v. United States Bureau of Reclamation et al
- b. Protest of Member Unit re: Payment of Assessment for Certain Fisheries Related Activities

14. MEETING SCHEDULE

- **November 16, 2015 at 2:00 P.M., COMB Office**
- **Board Packages Available on COMB Website**
www.cachuma-board.org

15. 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 SPECIAL MEETING
of the
CACHUMA OPERATION & MAINTENANCE BOARD**

**held at
3301 Laurel Canyon Road, Santa Barbara, CA
Thursday, September 17, 2015**

1. Call to Order, Roll Call

The meeting was called to order at 3:03 p.m. by President Doug Morgan, who chaired the meeting. Those in attendance were:

Directors present:

Doug Morgan	Montecito Water District
Harwood "Bendy" White	City of Santa Barbara
Kevin Walsh	SYR Water Conservation Dist, ID No. 1
Polly Holcombe	Carpinteria Valley Water District
Lauren Hanson	Goleta Water District

Others Present:

Gary Phillips	Amy Smith
Janet Gingras	Charles Hamilton

2. Public Comment

There was no public comment.

3. General Manager Recruitment Process

President Morgan introduced Mr. Gary Phillips, Executive Vice President of Bob Murray & Associates, to the Board. Mr. Phillips described the proposed recruitment at length, summarizing the extensive search methods and proposed timing of the process. He fielded questions from the Board regarding Bob Murray & Associates' related experience. The Directors were then asked to each provide their individual input on the qualifications, abilities and experience desired of the ideal candidate for the position.

4. Meeting Schedule

- The next regular meeting of the Board will be held September 28, 2015 at 2:00 p.m.
- The Agendas and Board packets are available for viewing and downloading on the COMB website at www.cachuma-board.org.

5. COMB Adjournment

There being no further business, the meeting was adjourned at 4:29 p.m.

Respectfully submitted,

Janet Gingras, Secretary to the Board

APPROVED:

	<i>Approved</i>
√	<i>Unapproved</i>

Doug Morgan, President of the Board

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

held at
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, September 28, 2015

1. Call to Order, Roll Call

The meeting was called to order at 2:04 p.m. by President Doug Morgan who chaired the meeting. Those in attendance were:

Directors present:

Doug Morgan	Montecito Water District
Harwood "Bendy" White	City of Santa Barbara
Kevin Walsh	SYR Water Conservation District, ID No. 1
Polly Holcombe	Carpinteria Valley Water District
Lauren Hanson	Goleta Water District

Others present:

Janet Gingras	Kelley Dyer
Adelle Capponi	Phil Walker
Amy Smith	Alex Keuper
Tim Robinson	Chris Dahlstrom
Dave Stewart	Tom Fayram
Jane Usher	John McInnes
William Carter	Ryan Drake
Bruce Wales	Tom Evans
Matt Naftaly	Larry Farwell

2. Public Comment

Phil Walker spoke to climate patterns, global warming, and the continued monitoring of the probability of an El Niño year.

Larry Farwell posed several questions regarding operational policies of Lake Cachuma. He went on to extend his personal approach to the types of circumstances that the lake and the Cachuma Project member units have been facing in recent years.

3. Consent Agenda

a. Minutes

August 24, 2015 Regular Board Meeting

b. Investment Funds

Financial Reports

Investment Reports

c. Review of Paid Claims

d. Review of Pending Claims for Payment

Director Walsh requested that the COMB Administrative Committee take up ID No. 1's request not to participate in any assessment of legal costs for COMB's intervention in current litigation.

Director Hanson moved to approve the Consent Agenda; Director Holcombe seconded the motion. However, President Morgan requested to pull two legal invoices from Item #3d Pending Claims for Payment for further review prior to issuance of payment. Director Hanson amended her original motion, and moved to approve Item #3a, b, c; and, Item d, excluding the two legal invoices in question. Director Hanson then stated that she would abstain from the vote as she did not understand why the invoices were being subject to further review. Seconded by Director Holcombe, the motion carried 5/0/2 as follows:

Ayes: White, Walsh, Holcombe, Morgan

Nays: None

Absent/Abstain: Hanson

4. Update from U.S. Bureau of Reclamation

President Morgan introduced Mr. Michael Jackson, Area Manager for the South-Central California, Mid-Pacific Region Office of the U.S. Bureau of Reclamation. Mr. Jackson expressed gratitude to the Board for welcoming him and stated he hoped his visit would spark an open dialogue between the Board and himself, stressing transparency and a willingness to work together. Mr. Jackson outlined in detail the water related issues resulting from the drought that the Bureau has faced across the state within the last year and then graciously fielded questions from the Board and members of the Public.

5. Verbal Reports from Board Committees

- *Operations Committee Meeting – September 18, 2015:* Director Walsh explained that extensive effort was put forth at the Committee meeting to weigh-in and think collaboratively about forecasting lake elevation and storage. South Coast Member Agency's estimated demand for the new water year, anticipated new State Water Project (SWP) entitlements, and the potential transfer of supplemental water to Lake Cachuma, were considered at length. Director Walsh also stated that member agency General Managers will continue to focus on these projections in order to assist COMB and help make informed decisions. The Committee agreed to delay moving the barge as long as reasonably possible while closely monitoring rain predictions.
- *Fisheries Committee Meeting – September 22, 2015:* Director Holcombe highlighted the items on the agenda, providing a brief summary of the Committee's considerations for each. As the committee chair, Director Holcombe expressed that she is looking in earnest at the 2001 Fisheries Memorandum of Understanding (MOU) in an attempt to close any gaps and wipe out misunderstandings surrounding the document. Director Holcombe also referenced the Committee's recommendation for the Board to approve transmittal of a "Nexus" letter requested by NMFS. The Board will examine this under Item #7 of today's agenda. Director Holcombe reported on the Special Fisheries Committee meeting held on Friday, September 25, 2015. The sole item of discussion was the review of a temporary indemnification letter intended to be sent by COMB to the County of Santa Barbara in the absence of one signed flood area certificate for the Fish Passage Improvement Project at Quiota Creek, Crossing 3. Director Holcombe

noted this will be considered under Item #10 of today's agenda, with the recommendation to approve transmittal.

6. Cushman Contracting Outstanding Claim Summary

Ms. Janet Gingras, Interim General Manager, summarized COMB's three outstanding claims with Cushman Contracting Corporation. She explained that the claims were being submitted to the Board through the Operations Committee with the recommendation to approve payment. Director Walsh moved to approve payment as recommended. Seconded by Director Holcombe, the motion passed by unanimous roll call vote:

Ayes: White, Walsh, Holcombe, Hanson, Morgan

Nayes: None

Absent/Abstain: None

7. Transmittal of Letter Requested by National Marine Fisheries Service (NMFS)

Ms. Gingras explained the background and nature of NMFS' request that COMB send them a letter describing the Fisheries Program's approach to fish passage improvement project implementation. Director Hanson moved to approve sending the letter, seconded by Director Holcombe. Following several comments and suggestions regarding the letter's content, COMB General Counsel, Mr. Bill Carter, offered to review the letter once more from a more well-rounded perspective and redraft it accordingly. President Morgan restated his request to have all inquiries of COMB - like this one from NMFS - in writing. Director Hanson modified her original motion and moved to approve sending the letter, as amended by counsel, and subsequently reviewed by President Morgan and the Chair of the Fisheries Committee, Director Holcombe. Seconded by Director Holcombe, the motion carried 6/1/0 as follows:

Ayes: White, Holcombe, Hanson, Morgan

Nayes: Walsh

Absent/Abstain: None

8. Interim General Manager's Report

- *Board Administration*
- *Personnel*
- *Financial*
- *Operations Division*
- *Fisheries Division*

Ms. Gingras highlighted topics within her report as incorporated in the board packet and offered to field any questions from the Board. Director Hanson expressed gratitude and appreciation for COMB staff's cooperation with Goleta Water District staff during a recent system shutdown.

9. Operations Division Report

- *Lake Cachuma Operations*
- *Operation and Maintenance Activities*

Operations Division Manager, Mr. Dave Stewart, referred to his report, as included in the board packet, and offered to field questions from the Board.

10. Update on Fish Passage Improvement Project – Quiota Creek Crossing 3

Tim Robinson, Fisheries Division Manager, gave a brief status report on the project. He informed the Board that just before the project was scheduled to commence, the County of Santa Barbara issued a new variance for this type of project, requiring both upstream and downstream landowners to sign flood area certificates. Mr. Robinson had not yet acquired the signature from the landowner upstream of the project and, in the absence of a signed certificate, proffered sending the County a temporary indemnification letter to be effective until the certificate is signed. Director Hanson moved to approve sending the letter. Seconded by Director Holcombe, the motion carried 6/1/0 as follows:

Ayes: White, Holcombe, Hanson, Morgan

Nays: Walsh

Absent/Abstain: None

11. Fisheries Division Report

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

Tim Robinson noted some highlights as presented in his report in the board packet. In regards to a recent request made by Reclamation for COMB to conduct fish migrant trapping, President Morgan reiterated his statement that Mr. Robinson have the request put into writing, retroactively. If he is unable to acquire said request in writing, President Morgan directed that he (and all COMB staff) secure any and all requests of that nature in writing, moving forward.

12. Progress Report on Lake Cachuma Oak Tree Program

- *Maintenance and Monitoring*

Tim Robinson noted that the Oak Tree program is progressing as planned and that an Oak Tree Committee Meeting is currently in the process of being scheduled.

13. Monthly Cachuma Water Reports

The reports were included in the board packet for information. There were no questions from the Board.

14. Directors' Requests for Agenda Items for Future Meeting

- Director Walsh requested that the Fisheries Committee examine Dr. Carlos Garza's work with COMB and its benefit to the Fisheries Program.

- President Morgan clarified his request and stated it once more: acquire in writing all requests of COMB and COMB staff, moving forward. If at all possible, he would also like staff to acquire previously made requests in writing, regardless of whether or not they have already been fulfilled; most notably, Reclamation's request to COMB to perform fish migrant trapping during the recent 89-18 Water Rights releases.
- Director Holcombe requested that the Fisheries Committee examine a return-flow pump system at Hilton Creek.

15. [Closed Session]: Conference with Legal Counsel: Existing and Potential Litigation; and, Public Employment/Public Employee Appointment

The Board went into closed session at 5:01 p.m.

- a. [Government Code Section 54956.9(d)(4)]
Name of case: California Trout, Inc. v. United States Bureau of Reclamation et al.,
United States District Court, CDCA, Case No. 2:14-CV-7744

16. 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 5:36 p.m.

- a. California Trout, Inc. v. United States Bureau of Reclamation et al
There was no reportable action.

17. Meeting Schedule

- The next regular Board meeting will be held October 19, 2015 at 2:00 p.m.
- The Agendas and Board Packets are available on the COMB website at www.cachuma-board.org

18. COMB Adjournment

There being no further business, the meeting was adjourned at 5:37 p.m.

Respectfully submitted,

Janet Gingras, Secretary of the Board

APPROVED:

	<i>Approved</i>
√	<i>Unapproved</i>

Doug Morgan, President of the Board

COMB
Statement of Net Assets
As of September 30, 2015

ASSETS**Current Assets****Checking/Savings****TRUST FUNDS**

1210 · WARREN ACT TRUST FUND

327,671.52

1220 · RENEWAL FUND

10,215.61

Total TRUST FUNDS

337,887.13

1050 · GENERAL FUND

865,470.25

1100 · REVOLVING FUND

23,817.23

Total Checking/Savings

1,227,174.61

Other Current Assets

1010 · PETTY CASH

500.00

1200 · LAIF

1,331,873.57

1303 · Bradbury SOD Act Assmnts Rec

78,676.00

1304 · Lauro Dam SOD Assesmnt Rec

13,818.00

1315 · Assessments Rec

188,559.26

1400 · PREPAID INSURANCE

18,125.72

Total Other Current Assets

1,631,552.55

Total Current Assets

2,858,727.16

Fixed Assets

1500 · VEHICLES

431,604.76

1505 · OFFICE FURN & EQUIPMENT

405,274.68

1510 · MOBILE OFFICES

97,803.34

1515 · FIELD EQUIPMENT

517,530.41

1525 · PAVING

38,351.00

1550 · ACCUMULATED DEPRECIATION

-1,348,556.82

Total Fixed Assets

142,007.37

Other Assets

1910 · LT Bradbury SOD Act Assess Rec

5,334,042.07

1920 · LT Lauro SOD Act Assess Rec

954,789.00

1921 · Loan Receivable - EPFP

2,601,317.00

Total Other Assets

8,890,148.07

TOTAL ASSETS**11,890,882.60**

COMB
Statement of Net Assets
As of September 30, 2015

LIABILITIES & NET ASSETS**Liabilities****Current Liabilities****Accounts Payable**

2200 · ACCOUNTS PAYABLE

82,634.42

Total Accounts Payable82,634.42**Other Current Liabilities**

Payroll-DepPrm Admin

204.62

Payroll-DepPrm FD

4.62

Payroll-DepPrm Ops

6.93

2505 · ACCRUED WAGES

28,700.35

2550 · VACATION/SICK

124,333.16

2561 · BRADBURY DAM SOD ACT

78,676.66

2563 · LAURO DAM SOD ACT

13,818.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

837,887.13

Total Other Current Liabilities1,170,639.43**Total Current Liabilities**

1,253,273.85

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury

5,334,042.07

2603 · LT SOD Act Liability - Lauro

954,789.00

2604 · OPEB LT Liability

595,690.00

2605 · Loan Payable - EPFP

2,601,317.00

Total Long Term Liabilities9,485,838.07**Total Liabilities**

10,739,111.92

NET POSITION

3901 · Retained Net Assets

1,115,489.44

Net Income

36,280.29

Total Net Assets1,151,770.68**TOTAL LIABILITIES & NET POSITION**11,890,882.60

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Statement of Revenues and Expenditures
Budget vs. Actuals July 2015 - Jun 2016

	Fisheries			Operations			TOTAL		
	Jul - Sep 15	Budget	% of Budget	Jul - Sep 15	Budget	% of Budget	Jul - Sep 15	Budget	% of Budget
Income									
3000 REVENUE									
3001 · O&M Budget (Qtrly Assessments)	69,183.00	1,099,077.00	6.3%	918,737.00	5,651,050.00	16.26%	987,920.00	6,750,127.00	14.64%
3006 · Warren Act	0.00	571,728.00	0.0%	0.00	-4,732,313.00		0.00	571,728.00	0.0%
3007 · Renewal Fund	0.00			0.00			0.00	0.00	0.0%
3010 · Interest Income	0.00			18.43			18.43	0.00	0.0%
3020 · Misc Income	0.00			58.20			58.20	0.00	0.0%
3032 · Grant-QC Crossing #3	0.00	705,205.00	0.0%	0.00			0.00	705,205.00	100.0%
3033 · Grant-QC Crossing # 0 (a&b)	0.00	671,635.00	0.0%	0.00			0.00	671,635.00	0.0%
3035 · Cachuma Project Betterment Fund	0.00	90,000.00	0.0%	0.00			0.00	90,000.00	0.0%
Total 3000 REVENUE	69,183.00	3,137,645.00	2.21%	918,813.63	5,651,050.00	16.26%	987,996.63	8,788,695.00	11.24%
Total Income	69,183.00	3,137,645.00	2.21%	918,813.63	5,651,050.00	16.26%	987,996.63	8,788,695.00	11.24%
Gross Profit	69,183.00	3,137,645.00	2.21%	918,813.63	5,651,050.00	16.26%	987,996.63	8,788,695.00	11.24%
Expense									
PAYROLL									
Gross	0.00			0.00			0.00	0.00	0.0%
Gross-FD	0.00			0.00			0.00	0.00	0.0%
Total PAYROLL	0.00			0.00			0.00	0.00	0.0%
3100 · LABOR - OPERATIONS	0.00			150,218.03	815,197.00	18.43%	150,218.03	815,197.00	18.43%
3200 VEH & EQUIPMENT	0.00			5,181.00	30,000.00	17.27%	5,181.00	30,000.00	17.27%
3201 · Vehicle/Equip Mtc	0.00			1,384.38	15,000.00	9.23%	1,384.38	15,000.00	9.23%
3202 · Fixed Capital	0.00			300.03	5,000.00	6.0%	300.03	5,000.00	6.0%
3203 · Equipment Rental	0.00			446.65	5,000.00	8.93%	446.65	5,000.00	8.93%
3204 · Miscellaneous	0.00			7,312.06	55,000.00	13.3%	7,312.06	55,000.00	13.3%
Total 3200 VEH & EQUIPMENT	0.00			7,312.06	55,000.00	13.3%	7,312.06	55,000.00	13.3%
3300 · CONTRACT LABOR	0.00			1,808.00	20,000.00	9.04%	1,808.00	20,000.00	9.04%
3301 · Conduit, Meter, Valve & Misc	0.00			300.00	20,000.00	1.5%	300.00	20,000.00	1.5%
3302 · Buildings & Roads	0.00			0.00	30,000.00	0.0%	0.00	30,000.00	0.0%
3303 · Reservoirs	0.00			0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
3304 · Engineering, Misc Services	0.00			2,108.00	95,000.00	2.22%	2,108.00	95,000.00	2.22%
Total 3300 · CONTRACT LABOR	0.00			2,108.00	95,000.00	2.22%	2,108.00	95,000.00	2.22%
3400 · MATERIALS & SUPPLIES	0.00			0.00	65,000.00	0.0%	0.00	65,000.00	0.0%
3401 · Conduit, Meter, Valve & Misc	0.00			1,976.04	15,000.00	13.17%	1,976.04	15,000.00	13.17%
3402 · Buildings & Roads	0.00			940.16	10,000.00	9.4%	940.16	10,000.00	9.4%
3403 · Reservoirs	0.00			2,916.20	90,000.00	3.24%	2,916.20	90,000.00	3.24%
Total 3400 · MATERIALS & SUPPLIES	0.00			1,917.24	70,000.00	27.39%	1,917.24	70,000.00	27.39%
3500 · OTHER EXPENSES	0.00			0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
3501 · Utilities	0.00			4,438.31	18,000.00	24.66%	4,438.31	18,000.00	24.66%
3502 · Uniforms	0.00			414.00	4,000.00	10.35%	414.00	4,000.00	10.35%
3503 · Communications	0.00			1,640.92	8,000.00	20.51%	1,640.92	8,000.00	20.51%
3504 · USA & Other Services	0.00								
3505 · Miscellaneous	0.00								

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Statement of Revenues and Expenditures
Budget vs. Actuals July 2015 - Jun 2016

	Fisheries			Operations			TOTAL		
	Jul - Sep 15	Budget	% of Budget	Jul - Sep 15	Budget	% of Budget	Jul - Sep 15	Budget	% of Budget
3506 · Training	0.00			0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
Total 3500 · OTHER EXPENSES	0.00			8,410.47	45,000.00	18.69%	8,410.47	45,000.00	18.69%
4100 · LABOR - FISHERIES									
4101 · Senior Resource Scientist	27,738.98	104,339.00	26.59%	0.00			27,738.98	104,339.00	26.59%
4102 · Project Biologist	28,816.80	96,169.00	29.97%	0.00			28,816.80	96,169.00	29.97%
4103 · Biologist	24,618.03	82,701.00	29.77%	0.00			24,618.03	82,701.00	29.77%
4114 · Seasonal Aide - JG	132.00	13,750.00	0.96%	0.00			132.00	13,750.00	0.96%
4116 · Seasonal Aide - DR	4,240.51	13,750.00	30.84%	0.00			4,240.51	13,750.00	30.84%
4117 · Seasonal Aide - BJ	0.00	13,750.00	0.0%	0.00			0.00	13,750.00	0.0%
4118 · Seasonal Aide - NS	3,550.90	13,750.00	25.83%	0.00			3,550.90	13,750.00	25.83%
4119 · Seasonal Aide - MW	2,945.00	13,750.00	21.42%	0.00			2,945.00	13,750.00	21.42%
4120 · Seasonal Aide - DH	3,356.25	13,750.00	24.41%	0.00			3,356.25	13,750.00	24.41%
4150 · FD Health & WC	26,998.51	96,854.00	27.88%	0.00			26,998.51	96,854.00	27.88%
4151 · FD PERS	18,028.16	59,454.00	30.32%	0.00			18,028.16	59,454.00	30.32%
4152 · FD Co FICA	6,421.90	22,674.00	28.32%	0.00			6,421.90	22,674.00	28.32%
4153 · FD Co Medicare	1,501.90	5,303.00	28.32%	0.00			1,501.90	5,303.00	28.32%
Total 4100 · LABOR - FISHERIES	148,348.94	549,994.00	26.97%	0.00			148,348.94	549,994.00	26.97%
4200 · VEHICLES & EQUIP - FISHERIES									
4270 · Vehicle/Equip Mtc	3,871.89	13,000.00	29.78%	0.00			3,871.89	13,000.00	29.78%
4280 · Fixed Capital	692.19	15,000.00	4.62%	0.00			692.19	15,000.00	4.62%
4290 · Miscellaneous	0.00	2,500.00	0.0%	0.00			0.00	2,500.00	0.0%
Total 4200 · VEHICLES & EQUIP - FISHERIES	4,564.08	30,500.00	14.96%	0.00			4,564.08	30,500.00	14.96%
4220 · CONTRACT LABOR - FISHERIES									
4221 · Meters & Valves	0.00	3,000.00	0.0%	0.00			0.00	3,000.00	0.0%
4222 · Fish Projects Maintenance	0.00	40,000.00	0.0%	0.00			0.00	40,000.00	0.0%
Total 4220 · CONTRACT LABOR - FISHERIES	0.00	43,000.00	0.0%	0.00			0.00	43,000.00	0.0%
4300 · MATERIALS/SUPPLIES - FISHERIES									
4390 · Miscellaneous	230.63	7,000.00	3.3%	0.00			230.63	7,000.00	3.3%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	230.63	7,000.00	3.3%	0.00			230.63	7,000.00	3.3%
4500 · OTHER EXPENSES - FISHERIES									
4502 · Uniforms	189.35	2,500.00	7.57%	0.00			189.35	2,500.00	7.57%
Total 4500 · OTHER EXPENSES - FISHERIES	189.35	2,500.00	7.57%	0.00			189.35	2,500.00	7.57%
4999 · GENERAL & ADMINISTRATIVE									
5000 · Director Fees									
5001 · Director Mileage	0.00			256.65	2,000.00	12.83%	256.65	2,000.00	12.83%
5000 · Director Fees - Other	0.00			2,662.40	11,000.00	24.2%	2,662.40	11,000.00	24.2%
Total 5000 · Director Fees	0.00			2,919.05	13,000.00	22.45%	2,919.05	13,000.00	22.45%
5100 · Legal	0.00			7,359.83	100,000.00	7.36%	7,359.83	100,000.00	7.36%
5101-1 · Audit	0.00			0.00	20,000.00	0.0%	0.00	20,000.00	0.0%
5100 · Unemployment Tax	0.00			0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
5100 · Liability Insurance	0.00			40,497.60	42,705.00	94.83%	40,497.60	42,705.00	94.83%
5100 · Health & Workers Comp	0.00			46,682.08	180,093.00	25.92%	46,682.08	180,093.00	25.92%
5100 · PERS	0.00			12,634.15	58,420.00	21.63%	12,634.15	58,420.00	21.63%

comb2
Statement of Revenues and Expenditures
Budget vs. Actuals July 2015 - Jun 2016

	Fisheries			Operations			TOTAL		
	Jul - Sep 15	Budget	% of Budget	Jul - Sep 15	Budget	% of Budget	Jul - Sep 15	Budget	% of Budget
5260 · Company FICA Admin	0.00			4,513.10	20,754.00	21.75%	4,513.10	20,754.00	21.75%
5265 · Company MCARE Admin	0.00			1,154.32	4,854.00	23.78%	1,154.32	4,854.00	23.78%
5300 · Manager Salary	0.00			23,777.10	117,000.00	20.32%	23,777.10	117,000.00	20.32%
5301 · Administrative Manager	0.00			25,005.19	87,750.00	28.5%	25,005.19	87,750.00	28.5%
5303 · Admin Assistant I	0.00			12,305.87	42,250.00	29.13%	12,305.87	42,250.00	29.13%
5306 · Administrative Assistant III	0.00			13,662.94	45,500.00	30.03%	13,662.94	45,500.00	30.03%
5310 · Postage/Office Exp	0.00			1,823.52	8,000.00	22.79%	1,823.52	8,000.00	22.79%
5311 · Office Equip/Leases	0.00			2,554.24	8,000.00	31.93%	2,554.24	8,000.00	31.93%
5312 · Misc. Admin Expenses	0.00			1,600.08	10,790.00	14.83%	1,600.08	10,790.00	14.83%
5313 · Communications	0.00			2,013.85	8,500.00	23.69%	2,013.85	8,500.00	23.69%
5314 · Utilities	0.00			3,956.99	9,737.00	40.64%	3,956.99	9,737.00	40.64%
5315 · Membership Dues	0.00			0.00	8,000.00	0.0%	0.00	8,000.00	0.0%
5316 · Admin Fixed Assets	0.00			0.00	4,000.00	0.0%	0.00	4,000.00	0.0%
5318 · Computer Consultant	0.00			4,702.81	15,000.00	31.35%	4,702.81	15,000.00	31.35%
5325 · Emp Training/Subscriptions	0.00			0.00	2,000.00	0.0%	0.00	2,000.00	0.0%
5330 · Admin Travel/Conferences	0.00			169.57	2,000.00	8.48%	169.57	2,000.00	8.48%
5331 · Public Information	0.00			181.21	1,000.00	18.12%	181.21	1,000.00	18.12%
5352 · Program Analyst	0.00			0.00	42,250.00	0.0%	0.00	42,250.00	0.0%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00	856,603.00	24.23%	207,513.50	856,603.00	24.23%	207,513.50	856,603.00	24.23%
5400 · GENERAL & ADMIN - FISHERIES	0.00	44,184.00	18.58%	0.00	44,184.00	0.0%	8,209.27	44,184.00	18.58%
5401 · Health & Workers Comp.	6,802.99	31,457.00	21.63%	0.00	31,457.00	0.0%	6,802.99	31,457.00	21.63%
5402 · CAIPERS	1,978.47	11,175.00	17.7%	0.00	11,175.00	0.0%	1,978.47	11,175.00	17.7%
5403 · Company Fica	12,803.04	63,000.00	20.32%	0.00	63,000.00	0.0%	12,803.04	63,000.00	20.32%
5405 · GM Salary	515.86	2,614.00	19.74%	0.00	2,614.00	0.0%	515.86	2,614.00	19.74%
5406 · Company MCare	36,892.60	25,000.00	147.57%	0.00	25,000.00	0.0%	36,892.60	25,000.00	147.57%
5407 · Legal - FD	13,464.33	47,250.00	33.78%	0.00	47,250.00	0.0%	13,464.33	47,250.00	28.5%
5408 · Administrative Manager	7,356.97	24,500.00	30.03%	0.00	24,500.00	0.0%	7,356.97	24,500.00	30.03%
5409 · Administrative Assistant III	915.81	3,000.00	30.53%	0.00	3,000.00	0.0%	915.81	3,000.00	30.53%
5410 · Postage / Office Supplies	1,375.31	5,218.00	26.36%	0.00	5,218.00	0.0%	1,375.31	5,218.00	26.36%
5411 · Office Equipment / Leases	939.32	5,810.00	16.17%	0.00	5,810.00	0.0%	939.32	5,810.00	16.17%
5412 · Misc. Admin Expense	1,222.78	4,305.00	28.4%	0.00	4,305.00	0.0%	1,222.78	4,305.00	28.4%
5413 · Communications	2,130.67	5,243.00	40.64%	0.00	5,243.00	0.0%	2,130.67	5,243.00	40.64%
5414 · Utilities	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%
5415 · Membership Dues	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%	0.00	4,000.00	0.0%
5416 · Admin Fixed Assets	2,532.28	5,000.00	50.65%	0.00	5,000.00	0.0%	2,532.28	5,000.00	50.65%
5418 · Computer Consultant	0.00	2,500.00	0.0%	0.00	2,500.00	0.0%	0.00	2,500.00	0.0%
5425 · Employee Education/Subscription	1,433.60	6,000.00	23.89%	0.00	6,000.00	0.0%	1,433.60	6,000.00	23.89%
5426 · Director Fees	138.20	1,000.00	13.82%	0.00	1,000.00	0.0%	138.20	1,000.00	13.82%
5427 · Travel Mileage	76.49	2,500.00	3.06%	0.00	2,500.00	0.0%	76.49	2,500.00	3.06%
5430 · Travel	97.58	1,500.00	6.51%	0.00	1,500.00	0.0%	97.58	1,500.00	6.51%
5431 · Public Information	0.00	6,300.00	0.0%	0.00	6,300.00	0.0%	0.00	6,300.00	0.0%
5441 · Audit	21,806.40	21,595.00	100.98%	0.00	21,595.00	0.0%	21,806.40	21,595.00	100.98%
5443 · Liab & Property Ins	6,626.23	22,750.00	29.13%	0.00	22,750.00	0.0%	6,626.23	22,750.00	29.13%
5451 · Admin Assistant I	0.00	22,750.00	0.0%	0.00	22,750.00	0.0%	0.00	22,750.00	0.0%
5452 · Program Analyst	127,318.20	372,651.00	34.17%	0.00	372,651.00	0.0%	127,318.20	372,651.00	34.17%
Total 5400 · GENERAL & ADMIN - FISHERIES	0.00	5,000.00	27.04%	1,352.00	5,000.00	27.04%	1,352.00	5,000.00	27.04%
5518 · Integrated Reg. Water Mgt Plan									
5600 · SPECIAL PROJECTS									

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Statement of Revenues and Expenditures
Budget vs. Actuals July 2015 - Jun 2016

	Fisheries			Operations			TOTAL		
	Jul - Sep 15	Budget	% of Budget	Jul - Sep 15	Budget	% of Budget	Jul - Sep 15	Budget	% of Budget
6062 · SCADA	0.00			255.05	25,000.00	1.02%	255.05	25,000.00	1.02%
6090 · COMB Office Building	0.00			227.66	300,000.00	0.08%	227.66	300,000.00	0.08%
6096 · SCC Structure Rehabilitation	0.00			386.99	240,000.00	0.16%	386.99	240,000.00	0.16%
6097 · GIS and Mapping	0.00			2,050.00	10,000.00	20.5%	2,050.00	10,000.00	20.5%
6105 · ROW Management Program	0.00			13,239.25	20,000.00	66.2%	13,239.25	20,000.00	66.2%
6109 · NP Jet Flow Control Valve	0.00			874.80	0.00		874.80	0.00	100.0%
6111 · Mission Crk Pipe Temp Repair	0.00			0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
6118 · Repair Lateral 3 Structure	0.00			0.00	20,000.00	0.0%	0.00	20,000.00	0.0%
6120 · Emergency Pumping Fac Project	0.00			188,250.64	2,709,250.00	6.95%	188,250.64	2,709,250.00	6.95%
6122 · Rehab San Antonio Crk Blow-off	0.00			0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
6123 · Sheffield Tunnel Insp/Eval SCC	0.00			0.00	100,000.00	0.0%	0.00	100,000.00	0.0%
6124 · SP Slope Stabilization	0.00			0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
6127 · Encroachment-Tree/Veg Overgrow	0.00			0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
6128 · Lauro Tunnel Pipe Support Eval	0.00			0.00	30,000.00	0.0%	0.00	30,000.00	0.0%
6129 · Rehab SCC LR Lateral Structures	0.00			0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
6130 · NP Slope Stabilization	0.00			0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
Total 6000 · SPECIAL PROJECTS	0.00			205,284.39	3,689,250.00	5.56%	205,284.39	3,689,250.00	5.56%
6200 · FISHERIES ACTIVITIES									
6201 · FMP Implementation	6,703.38	100,000.00	6.7%	0.00			6,703.38	100,000.00	6.7%
6202 · GIS and Mapping	1,130.40	10,000.00	11.3%	0.00			1,130.40	10,000.00	11.3%
6203 · Grants Technical Support	0.00	10,000.00	0.0%	0.00			0.00	10,000.00	0.0%
6204 · SYR Hydrology Technical Support	1,582.57	10,000.00	15.83%	0.00			1,582.57	10,000.00	15.83%
6205 · USGS Stream Gauge Program	18,750.00	77,000.00	24.35%	0.00			18,750.00	77,000.00	24.35%
6206 · Tri County Fish Team Funding	0.00	5,000.00	0.0%	0.00			0.00	5,000.00	0.0%
6207 · Oak Tree Restoration Program	732.66	100,000.00	0.73%	0.00			732.66	100,000.00	0.73%
6209 · SYR Riverware Model Peer Review	0.00	0.00	0.0%	0.00			0.00	0.00	0.0%
6211 · SYR RiverWare Model Use	0.00	0.00	0.0%	0.00			0.00	0.00	0.0%
Total 6200 · FISHERIES ACTIVITIES	28,899.01	312,000.00	9.26%	0.00			28,899.01	312,000.00	9.26%
6300 · HABITAT ENHANCEMENT									
6303 · Tributary Projects Support	0.00	20,000.00	0.0%	0.00			0.00	20,000.00	0.0%
6312 · Quiota Creek Crossing 0 (a&b)	150.00	810,000.00	0.02%	0.00			150.00	810,000.00	0.02%
6313 · Quiota Creek Crossing 3	56,901.47	930,000.00	6.12%	0.00			56,901.47	930,000.00	6.12%
6314 · Quiota Creek Crossing 4	0.00	30,000.00	0.0%	0.00			0.00	30,000.00	0.0%
6315 · Quiota Creek Crossing 8	0.00	30,000.00	0.0%	0.00			0.00	30,000.00	0.0%
Total 6300 · HABITAT ENHANCEMENT	57,051.47	1,820,000.00	3.14%	0.00			57,051.47	1,820,000.00	3.14%
Total Expense	366,601.68	3,137,645.00	11.68%	585,114.66	5,651,050.00	10.35%	951,716.34	8,788,695.00	10.83%
Net Income	-297,418.68	0.00	100.0%	333,698.97	0.00	100.0%	36,280.29	0.00	100.0%

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

www.treasurer.ca.gov/pmia-laif/laif.asp
 October 05, 2015

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Tran Type Definitions

September 2015 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
9/30/2015	9/29/2015	RD	1479784	JANET GINGRAS	300,000.00

Account Summary

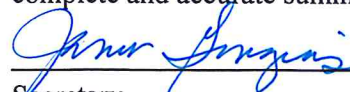
Total Deposit:	300,000.00	Beginning Balance:	1,031,873.57
Total Withdrawal:	0.00	Ending Balance:	1,331,873.57

MEMO TO: Board of Directors
 Cachuma Operation & Maintenance Board

FROM: Janet Gingras, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of September, 2015, 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



12 East Figueroa Street, Santa Barbara, CA 93101
Tel: 805.730.7860 WWW.BANKOFSANTABARBARA.COM

000446

CACHUMA OPERATION AND MAINTENANCE BOARD
RENEWAL FUND ACCOUNT 30
3301 LAUREL CANYON RD 0
SANTA BARBARA CA 93105 0



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Protecting Your Identity The Bank of Santa Barbara will never ask for personal information (such as your account number, social security number, password, or PIN) in an email or send you any email with a link to a website that asks for any such information. For additional information on how to protect yourself from Fraud visit the bank's website www.bankofsantabarbara.com or contact the bank at 805.730.7860
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BUSINESS CHECKING ACCOUNT XXXXXXXXXXXX1530
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MINIMUM BALANCE	10,215.61	LAST STATEMENT 08/31/15	10,215.61
AVG AVAILABLE BALANCE	10,215.61	CREDITS	.00
AVERAGE BALANCE	10,215.61	DEBITS	.00
		THIS STATEMENT 09/30/15	10,215.61

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Janet Gingras, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of September, 2015, 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 Bank of Santa Barbara investments of this agency for the period indicated.

Secretary



12 East Figueroa Street, Santa Barbara, CA 93101
 Tel: 805.730.7860 WWW.BANKOFSANTABARBARA.COM

000448

CACHUMA OPERATION AND MAINTENANCE BOARD
 WARREN ACT TRUST FUND ACCOUNT 30
 3301 LAUREL CANYON RD 0
 SANTA BARBARA CA 93105 0

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 Protecting Your Identity The Bank of Santa Barbara will never ask for
 personal information (such as your account number, social security number,
 password, or PIN) in an email or send you any email with a link to a
 website that asks for any such information. For additional information on
 how to protect yourself from Fraud visit the bank's website
 www.bankofsantabarbara.com or contact the bank at 805.730.7860
 =====

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 BUSINESS CHECKING ACCOUNT XXXXXXXXXXXX1543
 =====

MINIMUM BALANCE	327,671.52	LAST STATEMENT 08/31/15	327,671.52
AVG AVAILABLE BALANCE	327,671.52	CREDITS	.00
AVERAGE BALANCE	327,671.52	DEBITS	.00
		THIS STATEMENT 09/30/15	327,671.52

MEMO TO: Board of Directors
 Cachuma Operation & Maintenance Board

FROM: Janet Gingras, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of September, 2015, 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 Bank of Santa Barbara investments of this agency for the period indicated.



 Secretary

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Paid Claims
As of September 30, 2015

Date	Num	Name	Memo	Amount
1050 - GENERAL FUND				
09/02/2015	23934	City of Santa-Barbara	Trash/Recycle-Aug 2015	-217.82
09/02/2015	23935	ECHO Communications	Monthly answering service	-62.00
09/02/2015	23936	Paychex, Inc.	8/14, 8/28, 8/31 payrolls/taxes/deliveries	-402.31
09/02/2015	23937	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-68.59
09/02/2015	23938	Southern California Edison	Main office/outlying stations	-1,658.85
09/02/2015	23939	Staples Contract and Commercial, Inc.	Office supplies	-153.62
09/02/2015	23940	Prudential Overall Supply	Mats/scrapers-Aug	-100.56
09/02/2015	23941	AT&T	Aug charges	-497.69
09/02/2015	23942	Underground Service Alert of So. Calif.	50 Ticket charges	-75.00
09/02/2015	23943	UPS	Shipping	-30.70
09/11/2015	23944	ACWA/Joint Powers Insurance Authority	Auto/General Liability 10/1/15-10/1/16	-62,304.00
09/11/2015	23945	Association of Ca Water Agencies/JPIA	Oct Health Benefits coverage	-21,896.62
09/11/2015	23946	Bunnin	Tire-Chev 2500 (Fish Div)	-204.41
09/11/2015	23947	Cox Communications	Business internet-Sep	-195.00
09/11/2015	23948	Crocker Refrigeration Heating & Air	HVAC repair-main mobile office	-210.55
09/11/2015	23949	Culligan of Sylmar	Monthly RO system-Sep	-24.95
09/11/2015	23950	GE Capital	Copier lease agmt	-355.32
09/11/2015	23951	Harrison Hardware	Oak Tree/fish trap/truck supplies (Fish Div)	-178.21
09/11/2015	23952	Harwood White	Aug mtg fees	-132.77
09/11/2015	23953	J&C Services	Office cleaning services-Aug	-600.00
09/11/2015	23954	Kevin D. Walsh	Aug mtg fees	-321.22
09/11/2015	23955	Larry's Auto Parts	Water trailer mtce supplies (Fish Div)	-28.52
09/11/2015	23956	Lauren W. Hanson	Aug mtg fees	-267.51
09/11/2015	23957	MarBorg Industries	Portable toilets-outlying stations	-328.37
09/11/2015	23958	Nestle Pure Life Direct	5 gal disp. for Ops crew (part of PPE criteria)	-46.12
09/11/2015	23959	O'Reilly Automotive, Inc.	Veh misc mtce supp (Ops Div)/trailer mtce (Fish Div)	-125.61
09/11/2015	23960	Pacific Coast Jiffy Lube	Oil change/service-Explorer	-53.10
09/11/2015	23961	Polly Holcombe	Aug mtg fees	-408.40
09/11/2015	23962	Premiere Global Services	Conf calls-Aug	-156.90
09/11/2015	23963	Purchase Power	Postage meter ink cartridges	-291.57
09/11/2015	23964	Select Staffing	Admin Assistant I position	-2,956.32
09/11/2015	23965	Southern California Edison	Outlying stations	-51.55
09/11/2015	23966	Spatial Wave	Oct-Dec 2015 Field Mapplet Software mtce	-900.00
09/11/2015	23967	Staples Contract and Commercial, Inc.	Office supplies	-154.74
09/11/2015	23968	Tri-Co Reprographics	Copies-QC Xng 3	-150.21
09/11/2015	23969	UC--Regents	Historic survey/report-QC 0a &0b	-150.00
09/11/2015	23970	Verizon California	Main office/outlying stations	-534.72
09/11/2015	23971	W. Douglas Morgan	Aug mtg fees	-418.51
09/11/2015	23972	Wright Express Fleet Services	Fleet fuel	-2,235.03
09/16/2015	23973	All Around Landscape Supply	Straw wattle/stakes-Ortega Res (Ops Div)	-940.16
09/16/2015	23974	Coastal Copy, LP	Copier mtce agmt	-452.68
09/16/2015	23975	Southern California Edison	Outlying station	-27.47
09/16/2015	23976	The Bank of Santa Barbara	Loan interest pymt #14-Sep	-6,720.06
09/16/2015	23977	Verizon California	SCADA	-522.14
09/16/2015	23978	Verizon Wireless	Cellular/USB's/modems	-642.33
09/22/2015	22890	Cushman Contracting Corp.	Emerg Pumping System: Pay Req#16-Phase II	-88,700.00
09/22/2015	23979	PG&E	Tecolote Tunnel/North Portal electricity	-346.29
09/22/2015	23980	Pitney Bowes Global Financial Services L	Postage meter quarterly lease/property tax	-461.61
09/22/2015	23981	Select Staffing	Admin Assistant I position	-1,292.55
09/28/2015	23982	Select Staffing	Admin Assistant I position	-1,341.75
09/29/2015	23983	Bob Murray & Associates	Kickoff mtg-GM Recruitment	-1,500.00
09/29/2015	23984	Business Card	Webhosting/tool boxes for trucks (Ops-Fish Div)	-2,127.42
09/29/2015	23985	Cardno, Inc.	BO Compliance-Jul-Aug/Fish monitoring report-Jul	-1,713.70
09/29/2015	23986	Cushman Contracting Corp.	Emerg Pumping System (pending items)	-132,114.00

comb2
Paid Claims
As of September 30, 2015

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
09/29/2015	23987	GE Capital	Copier lease agmt	-564.24
09/29/2015	23988	HDR Engineering, Inc.	EPFP Engineering services-Aug (Ops Div)	-6,300.24
09/29/2015	23989	Kenneth A. Knight, Consulting	Consulting Arborist-Oak Tree program-Jul (Fish Div)	-550.00
09/29/2015	23990	Musick, Peeler & Garrett LLP	General Counsel-CalTrout-Jun, Jul, Aug services	-37,125.00
09/29/2015	23991	Santa Ynez River Water Cons. Dist. ID#1	Stetson-BO/FMP/monitoring reports/hydrologic supp-Jul	-4,078.87
09/29/2015	23992	Trenchalk Network Services, Inc.	IT Support-Jul/Aug; server backup licenses	-3,062.00
09/29/2015	23993	Bureau of Reclamation	8th Annual Installment-Lauro SOD Act	-32,088.00
09/29/2015	23994	Bureau of Reclamation	14th Annual Installment-Bradbury Dam SOD Act	-164,869.70
Total 1050 · GENERAL FUND				<u>-586,487.58</u>
TOTAL				<u>-586,487.58</u>

APPROVED FOR PAYMENT

_____ Director

_____ Director

_____ Director

FINANCE COMMITTEE

comb2
Pending Claims for Payment
As of October 31, 2015

CLAIMS THROUGH OCTOBER 2, 2015

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Memo</u>	<u>Due Date</u>	<u>Open Balance</u>
Musick, Peeler & Garrett LLP					
Bill	09/16/2015	286229	General Counsel-Jul	10/16/2015	7,823.85
Bill	09/23/2015	286444	General Counsel-Aug	10/23/2015	4,888.08
Total Musick, Peeler & Garrett LLP					12,711.93
Turenchalk Network Services, Inc.					
Bill	10/02/2015	17297	IT services-Sep	10/22/2015	1,113.50
Total Turenchalk Network Services, Inc.					1,113.50
TOTAL				TOTAL CLAIMS PENDING PAYMENT	\$ 13,825.43

NOTE: Musick, Peeler & Garrett LLP invoices above were presented and reviewed at the September Regular Board meeting but were held over pending further inquiry.

APPROVED FOR PAYMENT

_____ Director

_____ Director

_____ Director

FINANCE COMMITTEE

CACHUMA OPERATION & MAINTENANCE BOARD

Operations Committee Special Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

**Thursday, October 8, 2015
3:00 P.M.**

AGENDA

1. Call to Order
2. Public Comment (Public may address the Committee on any subject matter not on the agenda and within the Committee's jurisdiction)
3. Emergency Stabilization Project – South Coast Conduit at Mission Creek
4. Adjournment

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

CACHUMA OPERATION & MAINTENANCE BOARD

Lake Cachuma Oak Tree Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Wednesday, October 14, 2015
10:00 a.m.

AGENDA

1. Call to Order
2. Public Comment (Public may address the Committee on any subject matter not on the agenda and within the Committee's jurisdiction)
3. Project Overview
4. Lake Cachuma Oak Tree Restoration Program 2014 Annual Report
 - Review of Financials and Water Usage To-Date
5. Review 2015 Lakeshore Survey
6. Discuss Action Items for FY 2015-16
7. Review SOW for Ken Knight
8. Discuss Field Trip to Restoration Areas
9. Adjournment

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

CACHUMA OPERATION & MAINTENANCE BOARD

Special Administrative Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

**Thursday, October 15, 2015
2:00 P.M.**

AGENDA

1. Call to Order
2. Public Comment (Public may address the Board on any subject matter not on the agenda and within the Board's jurisdiction)
3. Document Release Policy – Data Request
4. Other Post-Employment Benefits (OPEB) – Total Compensation Proposal for Actuarial Services
5. Adjournment

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



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.”

October 19, 2015

Interim General Manager Report

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

Board Administration

- General Manager Recruitment Process

The draft recruitment profile has been submitted to Bob Murray and Associates along with several photographs for inclusion in the brochure. A draft brochure will soon be completed and emailed for review by staff and the Directors prior to being finalized. The suggested final filing deadline for the online application submittal is November 20, 2015.

Personnel

In early October, Jerry Gladbach, President of ACWA/JPIA, took the time to call Adele Capponi to compliment her on her recognition of the fine job ACWA/JPIA staff consistently achieves in assisting COMB's administrative division with business and insurance needs. His comments were indicative of the professionalism COMB staff maintains with external agencies.

Financial

- Annual Water Rates Worksheets

COMB is in receipt of the Annual Water Rates Worksheets for Water Year 2016 which contains information relative to the semi-annual payments for Cachuma Member Unit entitlement. The 2016 Cost of Service was based on Fiscal Year 2015 water delivery projections less twenty percent. Explanation on the formulation of rates is forthcoming from Reclamation as this was an unusual entitlement request submittal.

Normally, the Cost of Service is based on Reclamation's operation and maintenance expenses (plus amortized capital costs) generated from two years previous Cachuma Project Financial statements. Since the capital payoff has been satisfied as of September 2015, the associated reduction in costs is anticipated to be reflected in the water rates issued for 2017. In any event, water rates for 2016 are significantly lower than 2015 water year rates.

Operations Division

- Drought Emergency Pumping Facility Project (EPFP)

The EPFP has been in operational mode since Monday, August 24th. Coordination between Cater Water Treatment Plant, Corona Del Mar Water Treatment Plant and COMB has been ongoing, with communication on water quality / pumping status occurring on a daily basis.

On Wednesday, October 7th, the pumping system responded to a transducer reading in the tower which indicated a high flow event activating the system to shut off automatically as designed. The pumps were manually restarted within the hour by the contractor. As a result of the gap in flow, one of the pumps will be left in manual mode to avoid a future incident.

For the month of October, demand has averaged approximately 16.5 MGD or 51 AF per day with two to three of the pumps operating at various demand times.

- South Coast Conduit Emergency Stabilization Project – Mission Creek

The emergency stabilization project on the South Coast Conduit at Mission Creek has been scheduled to begin Monday, October 19th. Granite Construction will be performing the work within an extremely aggressive schedule anticipating a completion date of October 31, 2015.

Santa Barbara County Drought Task Force

A quarterly meeting of the Santa Barbara County Drought Task Force was held on Wednesday, October 14th. Tom Fayram provided an update on the El Nino outlook and the current status of Cachuma Reservoir. Attending the meeting, among others, was Mr. Bill Croyle, California Department of Water Resources Deputy Director for the Statewide Emergency Preparedness and the Department's Drought Emergency Operations Manager. Mr. Croyle spoke about the necessity of continuing important dialogue at the local level on drought assessments, response and mitigation actions and the shift of thinking to flood risk awareness and preparedness in our neighboring communities.

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: October 19, 2015
TO: Janet Gingras, Interim General Manager
FROM: Dave Stewart, Operations Division Manager
RE: MONTHLY OPERATIONS DIVISION REPORT

Operations

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

Lake Cachuma Operations

The total flow from Lake Cachuma into the Tecolote Tunnel for September was 1,805.8 acre-feet, for an average daily flow of 60.2 acre-feet. Lake elevation was 674.29 feet at the beginning of the month and 669.66 feet at the end. Storage change decreased 5,021 acre-feet. CCWA wheeled 41.6 acre-feet of water to Cachuma Project facilities.

Operation and Maintenance Activities

COMB Staff regularly performs the following duties:

- Weekly Safety meetings
- Weekly Rodent Bait (all reservoirs)
- Weekly Toe Drain and Piezometer reads at Ortega (L23)
- Dam inspection and reports (all reservoirs)
- Structure maintenance per Work Plan
- USA Dig Alert – Responded as necessary to alerts
- Pesticide report to County of Santa Barbara
- Operational tests of generators at the North Portal and at Lauro Yard
- Inspection of fire extinguishers
- Read anodes and rectifier data
- Water samples taken at Lake Cachuma
- Meter calibration and flushing performed on all Venturi meters

Weekly Safety Meetings:

The primary purpose of the weekly safety meetings is to continue education of staff on safe practices in the field and on-site. In the safety meetings, staff is urged to ask questions about

the topic being discussed and to think of related examples. The discussion also includes how the incident could have been prevented. Regular safety meetings help staff to constantly be aware of safety practices while on the job. The following topics were reviewed this past month:

- ✓ Heavy Equipment Safety
- ✓ Sneezes, coughs, and viruses
- ✓ Close calls, take a look at close calls
- ✓ Electric tool safety

COMB Operations Staff specifically performed the following activities:

- Pest control around the COMB offices/buildings. Applications of insecticide are being done on a bi-monthly basis.
- Landscaping around Lauro yard and offices. Landscaping is being performed on a bi-monthly basis.
- The operations staff has completed the project of repairing, re-designing and general cleanup of 15 culverts at the Glen Anne site to prepare for future rainfall events. Staff also installed wattle on bare hillsides where heavy rain would cause erosion and mud slides. The full completion of this project took approximately 3 weeks to complete. The culverts direct storm water under dirt access roads to prevent erosion and possible shifting or slumping of these roads. Culverts and drop inlets need to remain in working order and clear of debris and vegetation. (see photos)
- Inventory of all tools, (gas powered, electrical, hand tools, etc.) was completed. Dispose of tools and electrical cords that were frayed, broken, ripped, or otherwise deemed inoperative.
- General housekeeping and upkeep of all sheds, storage units, and buildings was accomplished. This includes sweeping and vacuuming of the floors and shelves, organizing of all tools and materials, disposal of trash and other materials that have expired (i.e. paint, solvents, glues, etc.).
- Staff continually inspects all sites, reservoirs, and the South Coast Conduit for items to add to the IIP for future projects.
- A risk assessment was conducted by Lee Patton from ACWA/JPIA. No issues following the assessment.
- Emergency Pumping Platform lost flow for a short period of time in the early hours of October 7th due to communication issues. COMB and Cushman Contracting Corporation personnel responded and promptly returned the pumps, intake structure, and piping back to normal operations. No issues or damages were reported due to the loss of flow. The reason for the communication failure is still under investigation.

Additionally, Operations staff has been involved in activities related to the EPFP, IIP, and investigation of the Lower Reach AVAR conditions.

Pictures

Before



After



Before



After



CACHUMA OPERATION AND MAINTENANCE BOARD

BOARD MEMORANDUM

DATE: October 19, 2015
TO: Janet Gingras, Interim General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- Quiota Creek Crossing 3 construction started on 10/1/15 after a delay due to County requirements and the contractor is making excellent progress.
- The CalTrans grant application for the Quiota Creek Crossing 8 Project is well underway.
- Hilton Creek Emergency Backup System will be tested for three days (10/20-23/15); completion and full system operation will depend on the test results.

In compliance with the 2000 Cachuma Project Biological Opinion (NMFS, 2000) and as described in the 2004 Lower Santa Ynez River Fish Management Plan (SYRTAC, 2000) and the Monitoring Program in the 2000 Revised Biological Assessment (BA), the 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 Fisheries Division Report at the June meeting that has been broken out by categories.

LSYR Steelhead Monitoring Elements:

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

Lake Profiles: Lake Cachuma water quality measurements (temperature, dissolved oxygen concentration, total dissolved solids and turbidity) 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 near the deepest point in the lake and allows for monitoring of lake stratification, water quality conditions at the intake level for the HCWS and lake-turnover. Due to the drought and the need to carefully monitor Lake Cachuma, lake profiles will be taken monthly throughout the year for the foreseeable future.

Cachuma Lake Oak Tree Restoration Program: COMB staff, with guidance from the hired professional arborist, continues to implement the Program and has successfully conducted all management actions as required. An update of the project is provided in a separate Board memo.

WR 89-18 Release Monitoring: BO required monitoring for the WR 89-18 releases started at the beginning of August as requested by U.S. Bureau of Reclamation (USBR) and will continue until after the releases are stopped. WR 89-18 releases began on 8/3/14, were completed on 9/16/16 and were conducted by the Santa Ynez River Water Conservation District in collaboration with USBR. The approximate release amount was 10,603.3 acre-feet (source - USBR Daily Operations Reports).

Tributary Project Updates:

Quiota Creek Crossing 0: COMB received a 2014 CDFW-FRGP Grant for \$671,635 with a landowner construction match of \$50,000. The COMB Board accepted the grant on 3/23/15. Staff and the HDR design engineer met with one of the landowners who we hope will then discuss the merits of the latest design with the other landowner. Once we have agreement on the design, we will submit the designs to NMFS/CDFW for their review and begin the permit process. The objective is to build the project in the fall of 2016.

Quiota Creek Crossing 3: COMB received a 2014 CDFW-FRGP Grant for \$705,205 with a COMB construction match of \$50,000. The COMB Board accepted the grant on 3/23/15. The project was finally approved by CDFW, NMFS and the County and all permits have been secured. Project construction and bridge fabrication started on 10/1/15. The objective is to finish the project in December of this year. A separate Board memo has been prepared with further detail.

Quiota Creek Crossing 4: COMB submitted a 2015 CDFW-FRGP Grant on 3/30/15 for \$938,295 with a COMB construction match of \$50,000. The grant Technical Review Team visited the site on 6/17/15 and had no significant concerns with what was proposed. The results of that funding competition will be announced in the winter of 2016.

Quiota Creek Crossing 8: In collaboration with SB County and a hired consultant, Gerald Comati from COM3, we have started the CalTrans grant proposal process which is lengthy with many steps and includes an agreement between the County and COMB. That agreement will be coming to the COMB Board for approval soon. Grants are reviewed upon submittal hence the process will be slow at first and then the results should be back in a shorter period of time compared to other grant programs.

Salsipuedes Creek – Jalama Road Fish Ladder: There has been no action on the suggested repairs to this project.

El Jaro Creek – Cross Creek Ranch Fish Passage Facility: There has been no action on the suggested repairs to this project.

Hilton Creek Watering System (HCWS) Repairs and Upgrades

The HCWS is owned, operated and maintained by USBR. The following repairs and upgrades have been identified by USBR with the status of each (Table 1). USBR has issued the fourth contract modification to the contractor to wrap up the remaining work to the system (electrical work and replacing the 10 inch valve with an actuator for system automation). The work should be completed soon and system testing is scheduled for 10/20-23/15; the completion date will depend on system test results.

Table 1: List of HCWS repairs and upgrades as reviewed by USBR Management on 10/9/15.

#	Tasks	Status:
1	Run a watering truck to LRP for 10 hrs/day until Pumps #1+2 are operational	Completed - 5/30/14 thru 6/10/14
2	Replace failed Pump #1 on HCWS Pumping Barge	Completed - 6/9/14
3	Conduct repairs on Pump #2 on HCWS Pumping Barge	Completed - 6/10/14
Install temporary HC Emergency Backup System (HCEBS) at Bradbury Dam Outlet Works:		
4	Receive contractor bids	Completed (2 rounds)
5	Issue a contract and a Notice to Proceed letter	Completed - contract issued on 9/3/14
6	Install steel riser pipe off of the 10" release valve at Outlet Works (USBR)	Completed - 6/20/14
7	Construct the HCEBS	Pending (started 12/1/14 + estimated completion 1/31/16)
Work to be completed once the HCEBS is installed:		
8	Provide low flow delivery (~1.5 cfs) to HC to accommodate < 30,000 af of storage	Pending (completion of the HCEBS)
9	Finalize all needed modifications to Pumps #1+2	Pending (completion of the HCEBS)
10	Upgrade current Motor Control (electrical panel) to assure no power interruption to Pumping Barge	Pending (completion of the HCEBS)
11	General top of Dam electrical and SCADA upgrades	Pending (completion of the HCEBS)
12	Repair the 3 leaky valves at the Outlet works	Valve sealing done in December 2014, improved not perfect, work in progress
13	Negotiate a solution for independent CCWA delivery without connecting to the Outlet	CCWA, USBR, MUs +SYRWCD to address
14	Install permanent Hilton Creek Backup Delivery System (HCBDS) from the Outlet Works	In preliminary design phase (2016 +/-)

Surcharge Water Accounting

The following table summarizes the amount of Surcharge water used to date from each of the three accounts at the end of last month (Table 2). All numbers come from USBR's Daily Operations Report. The start time for the use of the Surcharge Water Accounts was 5/27/11, or the last day of full surcharge. As of May 2012, all of the Fish Rearing Account waters have been used and USBR is now using Project Yield to meet BO target flows. A WR 89-18 release began on 7/15/13 and ended on 12/2/13, another began on 8/18/14 and ended on 11/11/14, and the 2015 WR 89-18 release started on 8/3/15 and ended on 9/16/15. During these releases, no Fish Rearing releases are debited as WR 89-18 releases are used conjunctively with fish flows under the Cachuma Project Settlement Agreement. The Adaptive Management Committee (AMC) called for two release from the Adaptive Management Account (AMA), 35 acre-feet in October 2012 and 114 acre-feet in June 2013. What remains of the AMA is 351 acre-feet. There have been no releases from the Fish Passage Supplementation Account. Determination of critical drought and the associated accounting has not been finalized and is not reflected in Table 2.

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

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage Supplementation	3,200	0	3,200
Adaptive Management	500	149	351
Fish Rearing***	5,484	5,484	0
Project Yield		13,199	
Total:	9,184	18,832	3,551
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 9/30/15.			
*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.			

Reporting / Outreach / Training

Reporting: Staff has submitted the 2012 Annual Monitoring Reports to USBR for comments; once received and incorporated, the report will be sent to COMB Fisheries Committee for their review before it is returned to USBR for final review and submittal to NMFS. The 2013 AMR is well underway and will be sent to the Science Review Team as soon as possible.

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.

Consultant Activity Summary:

HDR Fisheries Design Center (Mike Garelo) – Design work for the Quiota Creek Crossings 0, 3, 4 and 8 projects.

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

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

Hanson Environmental (Chuck Hanson) – BO compliance tasks and support.

COM3 Consulting (Gerald Comati) – Quiota Creek Crossing 8 CalTrans grant application.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	October 19, 2015
Submitted by:	Tim Robinson
Approved by:	Janet Gingras

SUBJECT: Quiota Creek Crossing 3 Fish Passage Improvement Project, Update

SUMMARY:

Project Description: A 53-foot prefabricated bottomless arched culvert with four wing walls is planned to replace the damaged concrete low flow crossing at Quiota Creek Crossing 3. The project will remove a fish passage barrier (Figure 1) and open up unimpeded juvenile and adult fish passage for the endangered southern steelhead to NMFS designated critical habitat upstream. The project will also improve road safety and accessibility for the landowners and the public along S. Refugio Road.

Project Location: The nearest town is Santa Ynez. Quiota Creek Crossing 3 is located off of Hwy 246 via Refugio Road 4.5 miles south of Hwy 246. The road is closed at the project site.

Contractor: Peter Lapidus Construction (PLC); a construction contract was issued on 9/10/15 for \$482,610.

Design Engineer: Michael Garelo, HDR Fisheries Design Center.

Resident Engineer: Gino Filippin, Filippin Engineering.

County Engineers: Ron Bensel, Steven Manuel, Eric Pearson, Bert Johnson, and Jemmi Irabon.

Project Status and Timetable (as of the Board meeting date):

Status	Time
Notice to Proceed	9/30/2015
Construction start	10/1/2015
Refugio Road closure	10/1/2015
Contract Time (approximate to complete all work)	2 months
Completion Date	12/4/2015
Number of construction work days (WD*) (expected)	45
Elapsed Time (WD)	13
Remaining Time (WDs to complete all work)	32
Time Elapsed to Date (%)	29%
*WD: Working Days as of the COMB Board meeting.	

Work Performed to Date: The project started on 10/1/15 with mobilization, site clearing and grubbing. The concrete low flow crossing with damaged culvert were then removed and the bridge foundations

were excavated (Figures 2 and 3). Since no bedrock was found, float rock was added below the foundations for sufficient load bearing material. Earthen forms for the foundations were created, rebar tied (Figure 4) and concrete poured for both the north and south foundations. All forms were stripped, the foundations were cleaned up and are now curing and are ready for the bridge to be placed. The instream channel work began in 10/19/15 and the contractor hopes to have that work completed by the end of the week.

The ConTech bridge is being fabricated by Pre-Con in Simi Valley. They have completed 11 of 15 pieces and will have the entire bridge system completed by the end of the week. PLC hopes to set the bridge by the end of the month and fully complete the project by the first week of December.

PLC has been doing an excellent job with the project and has been moving as quickly as possible to finish the project as close to on time as possible given the delayed start due to last minute County requirements.

Work Projected for Next Month: Complete all streambed and bank work, bridge installation, guardrail and bridge rail installation, bridge anti-graffiti treatment, road embankment work, road paving, fence replacement and site revegetation.

FINANCIAL IMPACT:

A summary of the revenues, estimated costs and expenses to date are as follows:

	Amount	
Revenues:		
CDFW grant	\$705,205	
COMB services and overhead match	\$100,198	
COMB operating expenses match	\$43,880	
COMB construction match	\$50,000	
Total:	\$899,283	
Estimated Costs:		
COMB operating expenses (match)	\$43,880	
COMB construction (match)	\$50,000	
Construction Contractor bid (Eng. Est. \$533,100)	\$482,610	
ConTech prefabricated arch, delivery + tax	\$185,760	
Total:	\$762,250	
Construction:		
Construction Contract (PLC) + Match (COMB):	\$532,610	
ConTech Contract Amount:	\$185,760	
Approved Change Orders:	\$0	
Adjusted Construction Contract Amount:	\$718,370	
Total Expenditure to Date*:		
	FY16	FY15
PLC - Invoice 1:	\$45,600	
Resident Engineer - Gino Filippin (fabrication):	\$444	
Resident Engineer - Gino Filippin (site construction):	\$222	
SB County Encroachment Permit Fee:	\$10,000	\$15,000
CDFW 1600 Permit Fee:	\$0	\$4,912
Total Paid:	\$56,266	\$19,912
Balance to Finish, Plus Retention:	\$705,984	
% of Work Completed to Date:	7%	

LEGAL CONCURRENCE:

COMB legal counsel has reviewed and approved the project.

ENVIRONMENTAL COMPLIANCE:

All permits have been obtained and are being followed.

COMMITTEE STATUS:

N/A.

RECOMMENDATION:

N/A.

LIST OF EXHIBITS:

Construction photo:

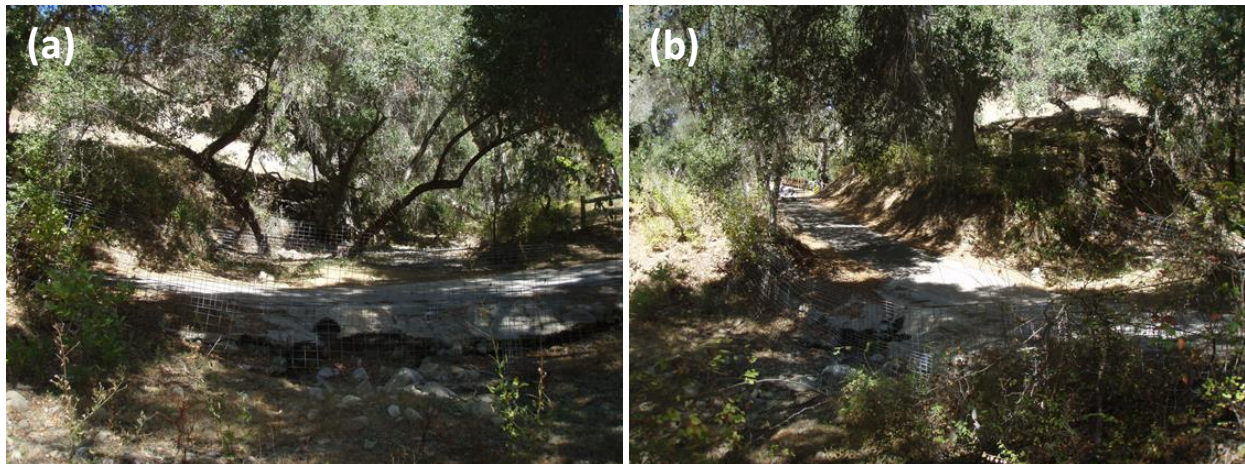


Figure 1: Pre-project condition looking (a) upstream and (b) across the project area towards the north along S. Refuge Road.



Figure 2: Concrete low flow crossing removal.



Figure 3: Foundation excavation.



Figure 4: Rebar within the earthen formed foundations.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	October 19, 2015
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Janet Gingras

SUBJECT: Lake Cachuma Oak Tree Restoration Program Maintenance and the 2014 Annual Report with Fiscal Year 2014-2015 Financials and Water Usage

SUMMARY:

Maintenance

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since January 1st, 2015 to the present (1/1/15 – 8/24/15, Table 1). Labor and expenses for the entire fiscal year (July 2014 - June 2015) as well as water usage will be tracked separately but not reported as recommended by the COMB Board Lake Cachuma Oak Tree Committee. COMB staff continues to rely on the Fisheries Division seasonal employees to conduct the majority of oak tree work in the field. The inventory of all trees planted will be presented to the Lake Cachuma Oak Tree Committee at its next meeting as well as the 2015 Lakeshore Survey, which will set the mitigation number for 2015.

Table 1: Cachuma Oak Tree Program completed tasks since 1/1/15.

	Jan 2015*	Feb 2015*	Mar 2015*	April 2015	May 2015	June 2015	July 2015	August 2015	Sept 2015	Oct 2015
Year 7 Oaks (2014-2015)	New Trees	New Trees	New Trees	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated	Irrigated
	Gopher Baskets	Gopher Baskets	Gopher Baskets	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded	Weeded
	Fertilizer/Compost	Fertilizer/Compost	Fertilizer/Compost			Cage maint.	Cage maint.	Cage maint.	Cage maint.	
	Deer Cages	Deer Cages	Deer Cages							
	Mulched/Irrigated	Mulched/Irrigated	Mulched/Irrigated							
Year 6 Oaks (2010-2011)					Irrigated	Cage maint.				Weeded
					Weeded					Mulched
Year 5 Oaks (2009-2010)					Irrigated					
					Weeded					
Year 4 Oaks (2008-2009)				Irrigated						
				Weeded						
Year 3 Oaks (2007-2008)				Irrigated						
				Weeded						
Year 2 Oaks (2006-2007)					Irrigated	Irrigated				
					Weeded	Weeded				
Year 1 Oaks (2005-2006)					Irrigated	Irrigated				
					Weeded	Weeded				

*November through March work included annual oak tree inventory

The planting of new oak trees (Year 7) during the fall of 2014 and winter of 2015 has been completed with 906 trees planted. Trees were planted at an approximate ratio of 90% Coast Live Oaks and 10% Valley Oaks. The Fisheries Division is nearing completion of 6 full rounds of irrigation on the new oak trees, and will continue watering throughout the fall as needed to ensure maximum survival of the new trees over the dry

season. COMB staff is planning another round of irrigation on all of the older planted oak trees this fall, particularly if early season rainfall doesn't come to fruition.

2014 Annual Report

The Lake Cachuma Oak Tree Restoration Program began during Fiscal Year 2005-2006 (FY05/06). Every year there is an Annual Report that comes out after the tree inventory and assessment that is conducted traditionally at the end of the fall. The Program was initially carried out by a consultant and subsequently by COMB staff that assumed those responsibilities in FY12/13. Included in the Annual Report are Program financials and water usage since COMB took over the effort.

The 2014 Annual Report with FY14/15 financials and water use has been reviewed by the Lake Cachuma Oak Tree Restoration Committee and revised accordingly. The tree survey was completed in February 2015 due to the extensive planting effort that fall and winter, referred to as the Year 7 trees. For better Program evaluation, the Annual Report is coming out after the close of the fiscal year to include Program financials and water usage over the period.

FINANCIAL IMPACT:

All costs of the Program were incorporated in the COMB annual budget.

LEGAL CONCURRENCE:

N/A.

ENVIRONMENTAL COMPLIANCE:

The Lake Cachuma Oak Tree Restoration Program is being conducted in accordance with the compliance measured stated in the 2004 EIR/EIS for the Lower Santa Ynez River Fish Management Plan (2000) and Cachuma Project Biological Opinion (2000).

COMMITTEE STATUS:

The Lake Cachuma Oak Tree Restoration Committee has reviewed and approved the 2014 Annual Report with Fiscal Year 2014-2015 Financials and Water Usage.

RECOMMENDATION:

Accept the 2014 Annual Report with Fiscal Year 2014-2015 Financials and Water Usage as submitted or after Board comment incorporation.

LIST OF EXHIBITS:

Exhibit 1: Draft 2014 Annual Report with Fiscal Year 2014-2015 Financials and Water Usage.

LAKE CACHUMA OAK TREE RESTORATION PROGRAM

Draft

2014 ANNUAL REPORT

with

Fiscal Year 2014-2015 Financials and Water Usage



Prepared for: Cachuma Operation and Maintenance Board

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

October 7, 2015

This Annual Report presents the results of the 2014 oak tree inventory and Fiscal Year 2014/2015 (FY14/15) maintenance with water use and financials for the Lake Cachuma Oak Tree Restoration Program (Program). For Program details and objectives, see the 2- Year Plan for Fiscal Years 2013/14 and 2014/15 (COMB, 2014). This annual report contains oak tree survival rates, maintenance with water usage, financials, and suggested program improvements.

Just over 900 (906) oak trees have been planted in FY14/15. These trees are referred to as the Year 7 trees and were planted in Storke Flats and near Bradbury (Figure 1). The inventory and results of that planting effort in regards to meeting the mitigation requirement will be presented in next year's annual report although the financials and maintenance effort are included in this report.

Results

The 2014 inventory (or survey) of the oak trees planted through the Lake Cachuma Oak Tree Restoration Program was completed in February 2015. 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). Year 7 (2014-2015) trees are newly planted and will be included in the 2015 inventory. Annual surveys are conducted in the late fall to best document the survival after the dry season.

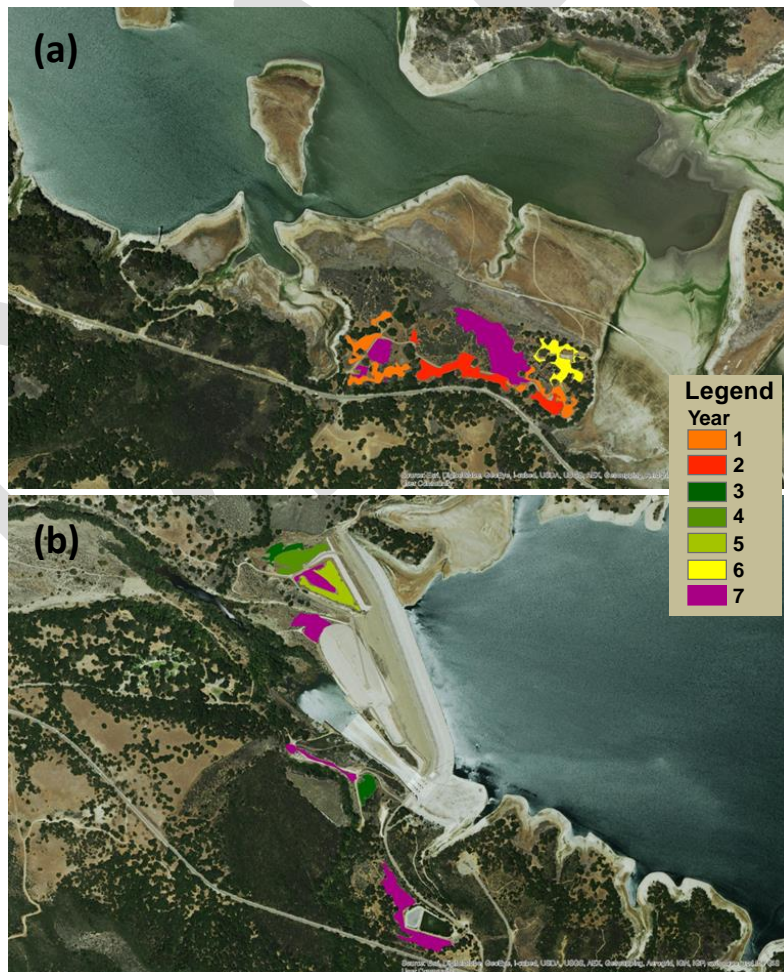


Figure 1: Oak tree planting locations by year planted; (a) Storke Flats and (b) Bradbury Dam area.

The following figures and tables are the results of the survey in 2014 with 2013 results included for comparison; overall success rates in 2013 and 2014 (Figures 2 and 3) and success by planting year in 2013 and 2014 (Figures 4-9). The overall success rate dropped from 86.4% in 2013 to 82.5% in 2014 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 2014 is due to found project trees or adopted samplings. The number of required mitigated trees from the Lake Cachuma Surcharge Project will be set in 2015 and reported in the 2015 Lakeshore Survey Report. The required mitigation ratio is two to one (2:1) survival rate in 2025.

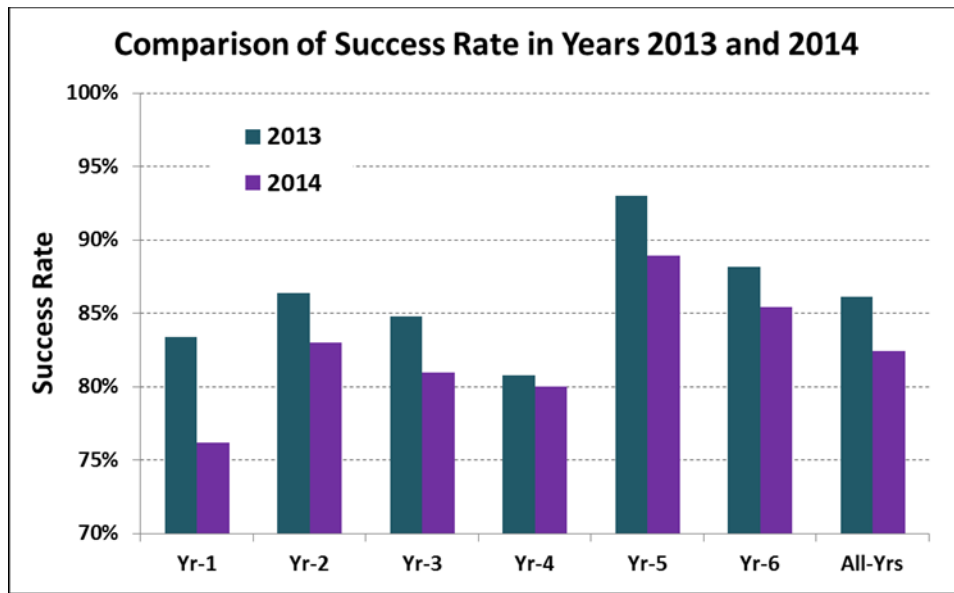


Figure 2: Success rate comparison from 2013 to 2014.

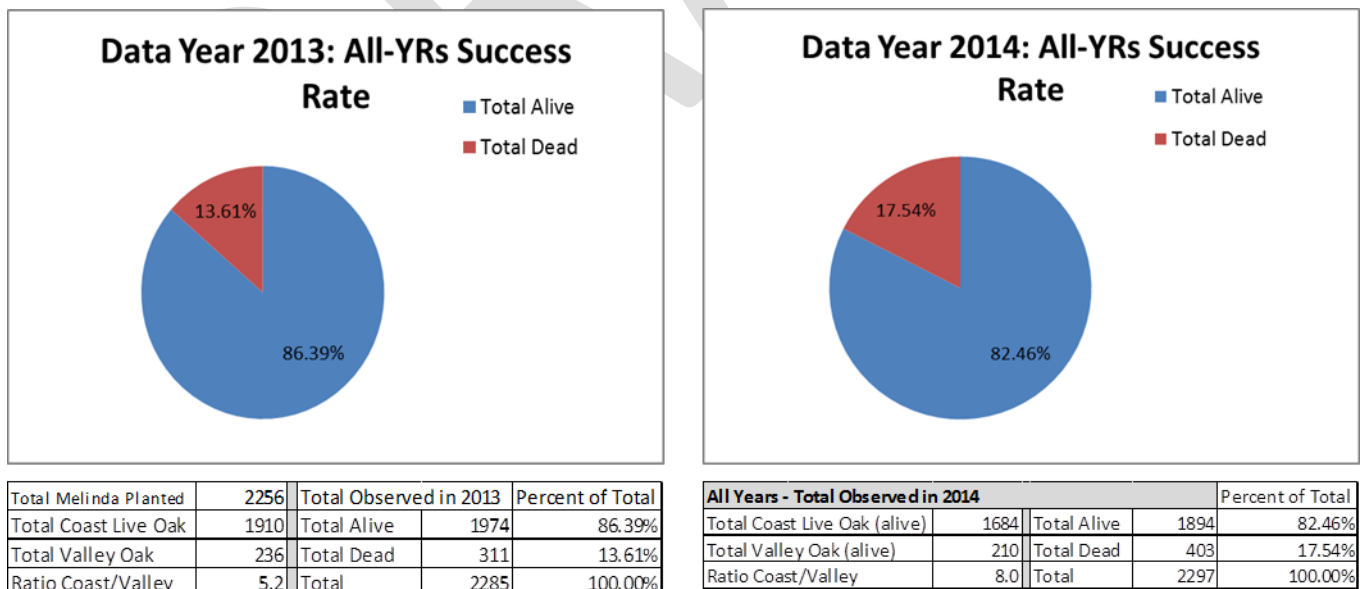
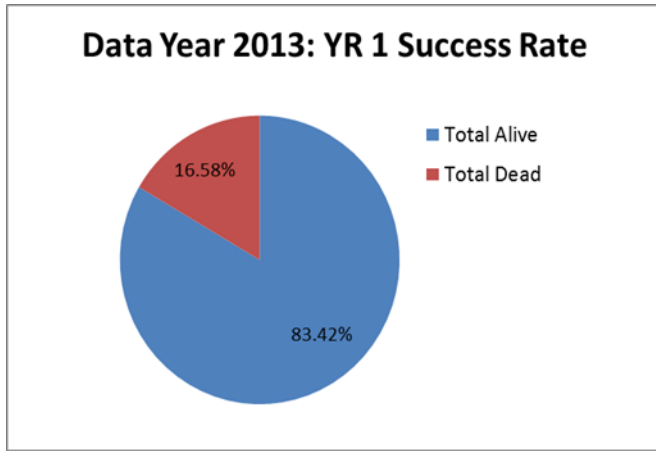
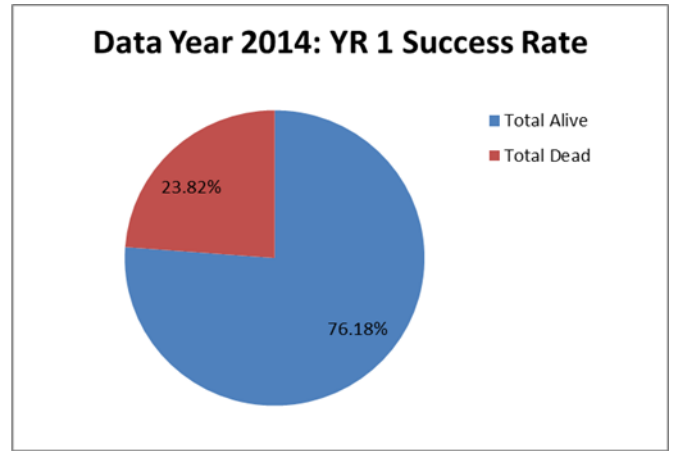


Figure 3: 2013 and 2014 status of oak trees from all years (YRs) planted; 12 trees that had not been recorded during the 2013 Inventory were found and recorded in 2014.

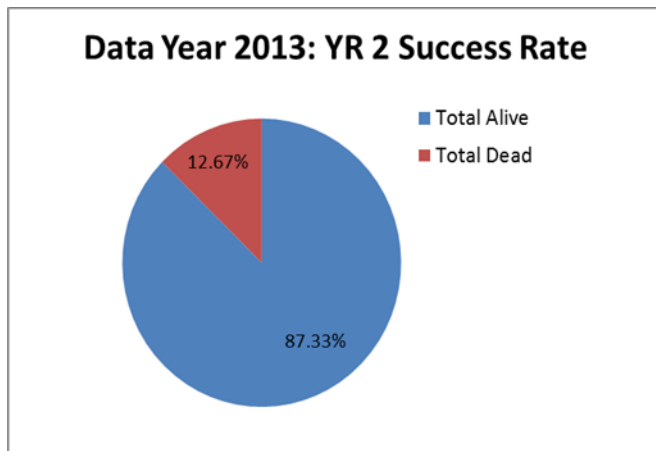


Total Melinda Planted	375	Total Observed in 2013	Percent of Total
Total Coast Live Oak	326	Total Alive	317 83.42%
Total Valley Oak	29	Total Dead	63 16.58%
Ratio Coast/Valley	10.5	Total	380 100.00%

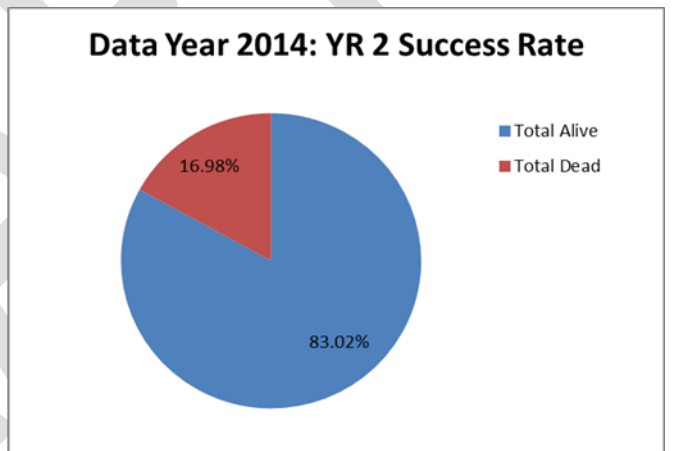


Year 1 - Total Observed in 2014		Percent of Total
Total Coast Live Oak (alive)	263	Total Alive 291 76.18%
Total Valley Oak (alive)	28	Total Dead 91 23.82%
Ratio Coast/Valley	9.4	Total 382 100.00%

Figure 4: Status comparison of Year (YR) 1 trees from 2013 to 2014.

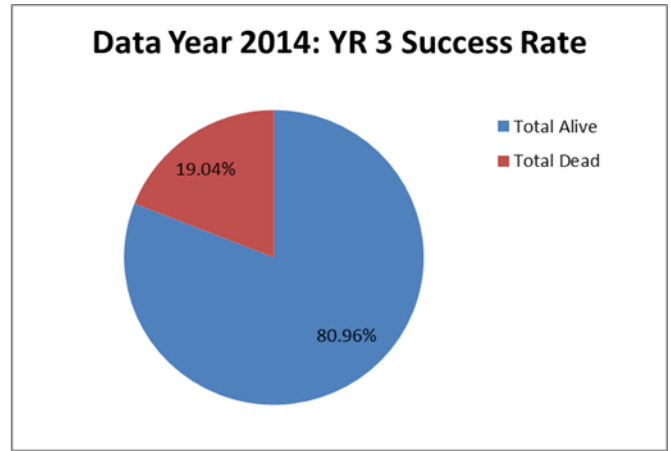
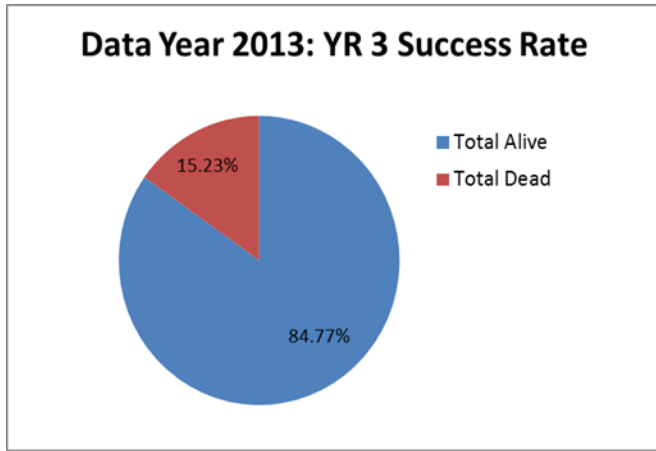


Total Melinda Planted	375	Total Observed in 2013	Percent of Total
Total Coast Live Oak	307	Total Alive	324 87.33%
Total Valley Oak	36	Total Dead	47 12.67%
Ratio Coast/Valley	8.5	Total	371 100.00%



Year 2 - Total Observed in 2014		Percent of Total
Total Coast Live Oak (alive)	280	Total Alive 308 83.02%
Total Valley Oak (alive)	28	Total Dead 63 16.98%
Ratio Coast/Valley	10.0	Total 371 100.00%

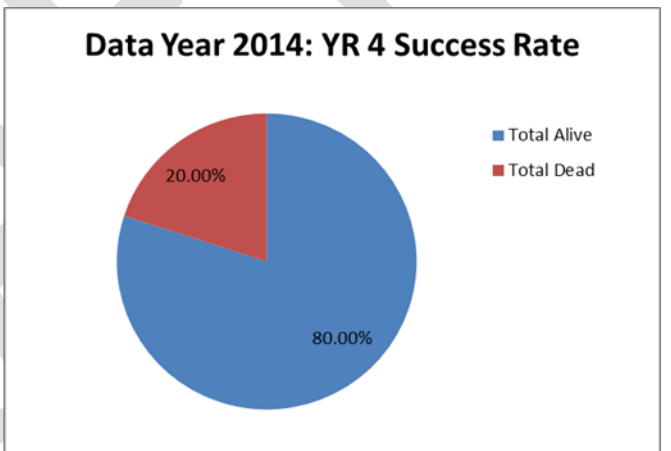
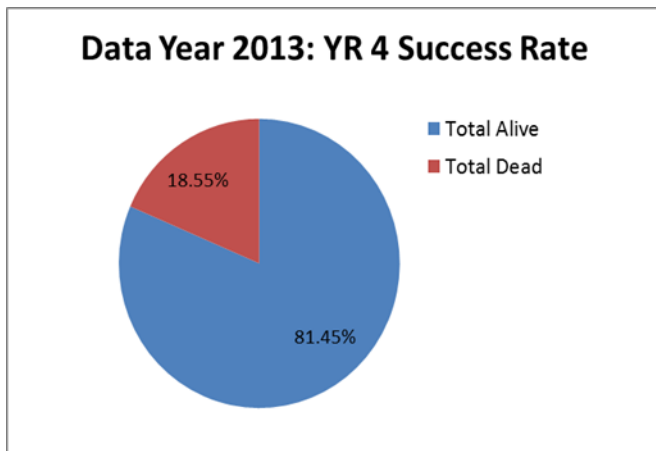
Figure 5: Status comparison of Year 2 trees from 2013 to 2014.



Total Melinda Planted	375	Total Observed in 2013	Percent of Total
Total Coast Live Oak	344	Total Alive	334 84.77%
Total Valley Oak	37	Total Dead	60 15.23%
Ratio Coast/Valley	9.3	Total	394 100.00%

Year 3 - Total Observed in 2014		Percent of Total
Total Coast Live Oak (alive)	292	Total Alive 319 80.96%
Total Valley Oak (alive)	27	Total Dead 75 19.04%
Ratio Coast/Valley	10.8	Total 394 100.00%

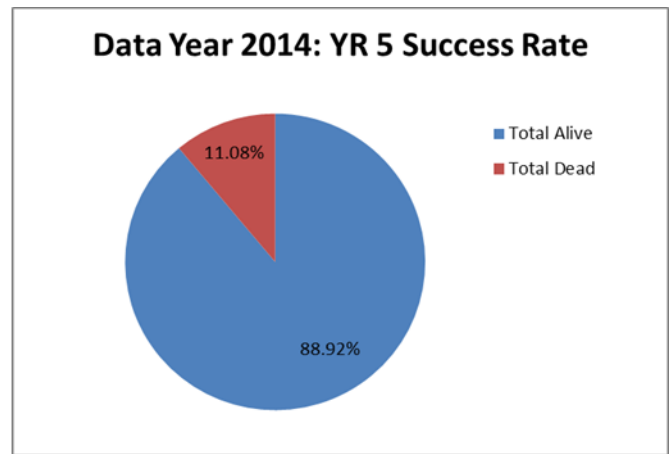
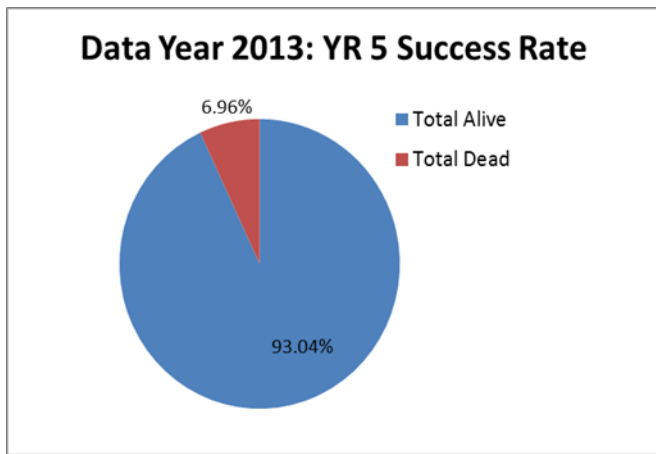
Figure 6: Status comparison of Year 3 trees from 2013 to 2014.



Total Melinda Planted	375	Total Observed in 2013	Percent of Total
Total Coast Live Oak	294	Total Alive	303 81.45%
Total Valley Oak	27	Total Dead	69 18.55%
Ratio Coast/Valley	10.9	Total	372 100.00%

Year 4 - Total Observed in 2014		Percent of Total
Total Coast Live Oak (alive)	272	Total Alive 300 80.00%
Total Valley Oak (alive)	28	Total Dead 75 20.00%
Ratio Coast/Valley	9.7	Total 375 100.00%

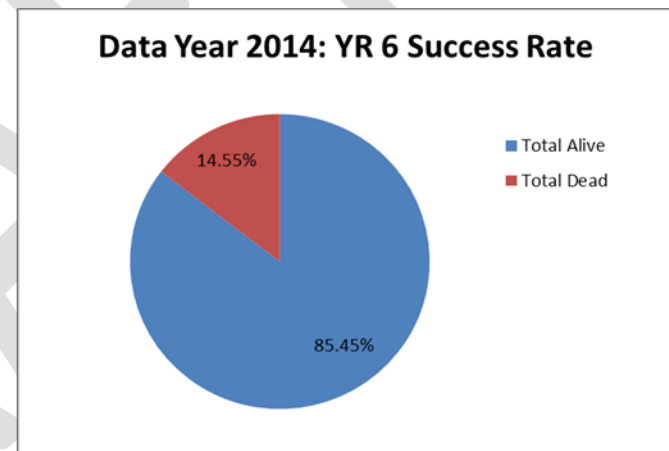
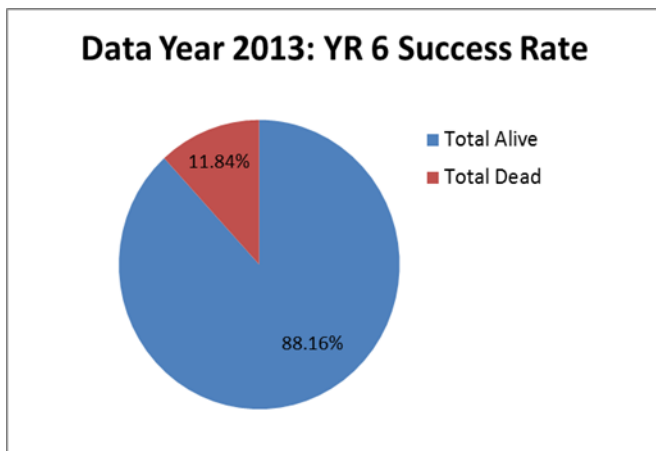
Figure 7: Status comparison of Year 4 trees from 2013 to 2014.



Total Melinda Planted	379	Total Observed in 2013	Percent of Total
Total Coast Live Oak	323	Total Alive	93.04%
Total Valley Oak	46	Total Dead	6.96%
Ratio Coast/Valley	6.1	Total	100.00%

Year 5 - Total Observed in 2014		Percent of Total
Total Coast Live Oak (alive)	297	Total Alive 88.92%
Total Valley Oak (alive)	56	Total Dead 11.08%
Ratio Coast/Valley	5.3	Total 397 100.00%

Figure 8: Status comparison of Year 5 trees from 2013 to 2014.



Total Melinda Planted	377	Total Observed in 2013	Percent of Total
Total Coast Live Oak	316	Total Alive	88.16%
Total Valley Oak	61	Total Dead	11.84%
Ratio Coast/Valley	5.2	Total	100.00%

Year 6 - Total Observed in 2014		Percent of Total
Total Coast Live Oak (alive)	280	Total Alive 85.45%
Total Valley Oak (alive)	43	Total Dead 14.55%
Ratio Coast/Valley	6.5	Total* 378 100.00%

Figure 9: Status comparison of Year 6 trees from 2013 to 2014; two trees were not observed during the 2014 Inventory because they were underneath a mature dead fallen oak.

Maintenance

Maintenance of all planted oak trees in FY14/15 included irrigating, weeding, mulching, and deer cage maintenance is presented in Table 1. The total amount of water used from Lake Cachuma to irrigate oak trees from all years in FY14/15 is provided in Table 2. Information presented in Tables 1 and 2 does include Year 7 trees.

Table 1: Cachuma Oak Tree Restoration Program completed maintenance in FY14/15.

	July 2014 *	August*	Sept 2014**	Oct 2014	Nov 2014***	Dec 2014***	Jan 2015***	Feb 2015***	Mar 2015***	April 2015	May 2015	June 2015
Year 7 Oaks (2014-2015)						New Trees	New Trees	New Trees	New Trees	Irrigated	Irrigated	Irrigated
						Gopher Baskets	Gopher Baskets	Gopher Baskets	Gopher Baskets	Weeded	Weeded	Weeded
						Fertilizer/Compost	Fertilizer/Compost	Fertilizer/Compost	Fertilizer/Compost			Cage maint.
						Deer Cages	Deer Cages	Deer Cages	Deer Cages			
						Mulched/Irrigated	Mulched/Irrigated	Mulched/Irrigated	Mulched/Irrigated			
Year 6 Oaks (2010-2011)			Irrigated								Irrigated	Cage maint.
			Hand weeded								Weeded	
			Cage maint.									
Year 5 Oaks (2009-2010)				Irrigated		Cage maint.					Irrigated	
											Weeded	
Year 4 Oaks (2008-2009)	Cage maint.			Irrigated						Irrigated		
										Weeded		
Year 3 Oaks (2007-2008)	Cage maint.			Irrigated						Irrigated		
										Weeded		
Year 2 Oaks (2006-2007)			Irrigated								Irrigated	Irrigated
			Hand weeded								Weeded	Weeded
			Cage maint.									
Year 1 Oaks (2005-2006)			Irrigated								Irrigated	Irrigated
			Hand weeded								Weeded	Weeded
			Cage maint.									

*Lakeshore inventory began in July and continued into August
 **Sept and Oct watering at Year 1 and Year 2 included trees under 3' in height and all valley oaks
 ***November through February work included annual oak tree inventory

Table 2: Cachuma Oak Tree Restoration Program water usage from Lake Cachuma for irrigation during FY14/15; no watering occurred during months not reported.

Month	Gallons	Acre-feet
July	0	0
August	0	0
September	10,800	0.033
October	18,000	0.055
November	0	0
December	0	0
January	3,420	0.01
February	5,940	0.018
March	19,150	0.059
April	13,431	0.126
May	44,190	0.136
June	54,000	0.166
TOTAL	168,931	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 is presented by labor (Table 4) and the total cost (labor, materials and supplies) in Table 5.

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	\$48,097
14/15	COMB	\$134,054
Total:		\$1,148,809

Table 4: Labor costs for the Lake Cachuma Oak Tree Program during FY14/15.

	Total
COMB Staff (hours):	
Seasonal Biologist Aide A	24
Seasonal Biologist Aide B	301.25
Seasonal Biologist Aide C	268
Seasonal Biologist Aide D	317.5
Seasonal Biologist Aide E	517
Seasonal Biologist Aide F	298.25
Administrative Secretary	0
Water Service Worker II	104
Water Service Worker I	16
Water Service Worker III	16
Interns	16
Project Biologist A	95
Project Biologist B	132.5
Senior Resource Scientist	185
Total Staff Hours:	2290.5
Cost - Labor plus burden:	\$66,095
Consultant Service Hours (Ken Knight):	154.5
Consultant Cost:	\$15,450.00
Total Personnel /Consultant Cost:	\$81,545.07

Table 5: Total expenses (labor, materials and supplies) for the Lake Cachuma Oak Tree Program during FY14/15.

	Total
Materials and Supplies:	
Oak trees	\$6,484
Tree stakes	\$5,036
Tree tags	\$142
Mulch	\$544
Compost	\$907
Fertilizer	\$196
Gopher baskets	\$8,773
Protective deer caging/netting	\$10,042
Hand tools	\$275
Rebar	\$0
Hoses	\$251
Cable ties	\$15
PPE	\$0
Lake Cachuma boat rental	\$145
Backhoe mobilization	\$688
California Conservation Corps	\$17,073
Vehicle Fuel Cost:	\$1,749
Equipment Fuel Cost:	\$187
Total Materials and Supplies:	\$52,509
TOTAL EXPENSES (labor, materials + supplies):	\$134,054

The total cost of the Lake Cachuma Oak Tree Restoration Program in FY14/15 was \$134,054, of which \$80,789 of that amount was the cost of planting the Year 7 oak trees. There were 906 oak trees planted in FY14/15, nearly two and a half times the amount of trees planted any single year effort. Again, the total reflects personnel cost (labor plus burden), materials, supplies, expenses (vehicle and equipment fuel), and consultant fees. For comparison across recent years without new plantings, the total cost in FY11/12 (previous consultant), FY12/13 (COMB takes over and incurs repair costs), FY13/14 (COMB with some repair costs) and FY14/15 (COMB with some repair costs and without planting costs for the Year 7 trees) were \$79,439, \$101,431, \$48,097 and \$53,265, respectively. The increase in FY14/15 costs reflects the additional expenses for maintenance of the new trees and a slight reduction in cost for the older and more self-sustaining trees. The ability to keep costs down relative to the number of new oak trees planted between FY12/13 and FY14/15 is attributed to multiple factors, which include but not limited to:

- Relying on the COMB Fisheries Division seasonal staff to conduct the bulk of field activities; further assistance was obtained by the California Conservation Core (CCC) members.
- 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 irrigation hosing and better delivery technique for extracting water from Lake Cachuma.

Summary and Program Improvements

There are 2,800 (1,894 from Years 1-6 and 906 from Year 7) alive oak trees attributed to the mitigation effort of the Program. The survival rate to date is 82.5% (Years 1-6 trees only) which would be considered very respectful in any open range oak tree planting effort in a similar climate. That is approximately an 18% mortality rate at 10 years. Challenges for the Program, specifically tree survival, are three years of an extraordinary drought, inadequate initial planting (compromised gopher cages, trees planted too low, etc.), and a limited staff to take care of an extensive number of trees. Some planting areas have better soil and topography than others, for example the Year 4 planting area has shallow soils with southern exposed whereas the Year 6 planting area is just the opposite.

Lessons learned by the COMB staff from 3 years of conducting this Program have been put into practice, specifically:

- Mulch all trees once a year.
- Maintain deer cages for all trees below deer browsing level.
- Clear the dirt away from the tree base.
- Expose gopher cages at the surface to prohibit gopher travel over the top of the cage.
- Plant new Year-7 trees in professional gopher cages using backhoe dug holes (no auger holes that limit the spread of tree roots); plant the trees slightly above grade to accommodate subsidence; and use sturdy wire deer cages instead of netting or chicken wire.