

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

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

Monday, February 22, 2016

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 January 18, 2016 Special Board Meeting
Minutes January 25, 2016 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Review of Paid Claims
 - d. Review of Pending Claims for Payment
4. **VERBAL REPORTS FROM BOARD COMMITTEES**
Receive verbal information regarding the following committee meetings:
 - Operations Committee Meeting – February 17, 2016
5. **INTERIM GENERAL MANAGER'S REPORT**
Receive information from the Interim General Manager on topics pertaining to COMB, including but not limited to the following:
 - Cachuma Member Unit Managers Meeting
 - Safe Yield Workshop
 - Operations Division
 - Fisheries Division
6. **OPERATIONS DIVISION REPORT**
Receive information regarding Operations Division, including but not limited to the following:
 - Lake Cachuma Operations
 - Operation and Maintenance Activities

7. **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

8. **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

9. **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

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

11. **MEETING SCHEDULE**
 - **February 22, 2016 at 2:00 P.M., COMB Office**
 - **Board Packages Available on COMB Website**
www.cachuma-board.org

12. **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
Monday, January 18, 2016**

1. Call to Order, Roll Call

The meeting was called to order at 10:00 a.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
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2. Public Comment

There was no public comment.

3. General Manager Recruitment

The Board welcomed Mr. Gary Phillips, Executive Vice President of Bob Murray & Associates, who presented his top selected applicants for the COMB General Manager position.

4. [Closed Session]: Public Employee Appointment

The Board went into closed session at 10:02 a.m.

- a. [Government Code Section 54957]
PUBLIC EMPLOYMENT:
Title: General Manager

5. 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 1:09 p.m.

- a. [Government Code Section 54957]
PUBLIC EMPLOYMENT:
Title: General Manager

There was no reportable action.

6. Meeting Schedule

- The next regular meeting of the Board will be held January 25, 2016 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.

7. COMB Adjournment

There being no further business, the meeting was adjourned at 1:10 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, January 25, 2015

1. Call to Order, Roll Call

The meeting was called to order at 2:03 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 District, ID No. 1
Polly Holcombe	Carpinteria Valley Water District
Lauren Hanson	Goleta Water District

Others present:

Janet Gingras	Amy Smith
Dave Stewart	Adelle Capponi
Tom Fayram	Scott Volan
Fray Crease	William Carter
Joshua Haggmark	Phil Walker
Dale Francisco	

2. Public Comment

Phil Walker spoke to the long-term stability of existing intake towers, including the Tecolote Tunnel Intake Tower.

3. Consent Agenda

a. Minutes

December 21, 2015 Regular Board Meeting

b. Investment Funds

Financial Reports
Investment Reports

c. Review of Paid Claims

d. Review of Pending Claims for Payment

Director Hanson moved to approve the Consent Agenda. Seconded by Director Holcombe, the motion passed by unanimous roll call vote:

Ayes: White, Walsh, Holcombe, Hanson, Morgan

Nays: None

Absent/Abstain: None

4. Verbal Reports from Board Committees

- *Administrative Committee Meeting – January 18, 2015:* President Morgan highlighted the agenda, noting that the sole item was the Administrative Committee’s review of the Fiscal Year 2014-15 Draft Financial Audit. He explained that, subsequent to several minor changes, the audit would now be presented to the Board as the next item of today’s agenda.

5. Presentation of Fiscal Year 2014-15 Draft Financial Audit

Ms. Janet Gingras, Interim General Manager, introduced Ms. Dana McGrew, Managing Partner, and Ms. Nina Pisani, Audit Supervisor, from Bartlett, Pringle & Wolf LLP. Ms. McGrew and Ms. Pisani comprehensively presented the Fiscal Year 2014-2015 Draft Financial Audit to the Board. Ms. McGrew assured President Morgan that she would coordinate, through Ms. Gingras, with the individual Member Agencies to confirm they were each recording the guarantee from the note drawn to COMB as a disclosure in their footnotes within their respective audits.

Ms. McGrew went on to explain that the Board, if it so chose, could designate funds to set aside for later compensation of unfunded liabilities such as Governmental Accounting Standards Board (GASB) 43/45 and GASB 68, which all governmental agencies are now required to list as liabilities on their financial statements.

Director Hanson moved to receive and file the Fiscal Year 2014-15 Draft Financial Audit, with the sole modification of placing brackets around and, thus, negating the value on Item #5, page 39. Seconded by Director Walsh, the motion passed by unanimous roll call vote:

Ayes: White, Walsh, Holcombe, Hanson, Morgan

Nayes: None

Absent/Abstain: None

The Board requested that Ms. Gingras inquire about the repayment schedules and refinancing of the Safety of Dams Act payment.

6. HDR Professional Services Agreement Amendment: Emergency Pumping Facilities Project

Ms. Gingras explained the need for and purpose of the amendment to the Professional Services Agreement (PSA) with HDR, Inc. in an amount not-to-exceed \$31,038. HDR, Inc. proposes to provide COMB with further technical information in assistance of Board decision making regarding the future of the Emergency Pumping Facility Project (EPFP).

Director Hanson moved to authorize Ms. Gingras to execute the amended PSA. Seconded by Director Holcombe, the motion passed by unanimous roll call vote:

Ayes: White, Walsh, Holcombe, Hanson, Morgan

Nayes: None

Absent/Abstain: None

7. Interim General Manager's Report

- *Administration*
- *Meetings*
- *Financial*
- *Operations Division*
- *Fisheries Division*

Ms. Gingras highlighted topics within her report as incorporated in the board packet, providing updates on each of the current and ongoing deliverables and topics of interest, and offered to field any questions from the Board.

8. Operations Division Report

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

Mr. Dave Stewart, Operations Division Manager, offered to field any questions on his report, as included in the board packet. Additionally, Ms. Gingras notified the Board that stabilizing K-rails were installed at the South Portal. Staff commented on the fact that the lake level had risen slightly within the past several days due to factors such as low demand, CCWA inflow of State Water, and a small amount of rain.

9. Fisheries Division Report

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

Mr. Scott Volan, Project Biologist, presented features as noted in the report in the board packet, providing updates on the current focuses of the Fisheries Division in the absence of Fisheries Division Manager, Dr. Tim Robinson. Mr. Volan also furnished a current weather outlook for the South Coast as well as the current status of the snowpack in the northern part of the state.

10. Progress Report on Lake Cachuma Oak Tree Program

- *Maintenance and Monitoring*

Mr. Volan gave a concise review of the status of the project, notifying the Board that, with the help of the California Conservation Corps (CCC), about 700 trees have been planted so far this season.

11. Monthly Cachuma Project Reports

Ms. Gingras advised the Board that the October, November, and December 2015 reports were included in the board packet for information and were reflective of the Bureau's decision to charge evaporation to the unallocated water remaining in the lake, rather than to the member agencies' carryover water, due to the lake level being so low.

12. COMB's Operational Role in Diversions of Carryover for Water Year 2016

Ms. Gingras explained the interest in the referenced discussion: with the lake level being so low, what, if anything, is COMB's role and responsibility in the event that any particular member agency takes more than its allocated amount of water.

Mr. Bill Carter, General Counsel, noted that since there was no existing or pending litigation at this time, the Board could discuss this matter in open session. Mr. Carter sought direction from the Board in regards to whether he should write a legal opinion on the matter at this time; however, the Board ultimately urged Ms. Gingras to acquire the Bureau's written position on COMB's responsibility in the situation of a member agency receiving more than its share of water.

The Board next considered Item #14 and Item #15.

14. [Closed Session]: Confidential Personnel Matter; Conference with Legal Counsel: Existing and Potential Litigation

The Board went into closed session at 3:51 p.m.

- a. [Government Code Section 54957]
Public Employee Appointment
PUBLIC EMPLOYMENT:
Title: General Manager
- b. [Government Code Section 54956.9(d)(2)]
Alleged Access Rights to Ortega Ridge Road,
Ocean View Estates Subdivision

15. 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 4:36 p.m.

- a. Public Employee Appointment
PUBLIC EMPLOYMENT
Title: General Manager
There was no reportable action.
- b. Alleged Access Rights to Ortega Ridge Road,
Ocean View Estates Subdivision
There was no reportable action.

The Board next considered Item #13.

13. Directors' Requests for Agenda Items for Future Meeting

- Director White requested that an item for discussion on controlled burns within the watershed be placed on a future agenda. It was agreed that the item would be considered for discussion on a future Operations Committee meeting agenda.

16. Meeting Schedule

- The next regular Board meeting will be held February 22, 2016 at 2:00 p.m.
- The Agendas and Board Packets are available on the COMB website at www.cachuma-board.org

17. COMB Adjournment

There being no further business, the meeting was adjourned at 4:55 p.m.

Respectfully submitted,

Janet Gingras, Secretary of the Board

APPROVED:

Doug Morgan, President of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

COMB
Statement of Net Assets
As of January 31, 2016

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

1210 · WARREN ACT TRUST FUND

347,236.52

1220 · RENEWAL FUND

10,215.61

Total TRUST FUNDS

357,452.13

1050 · GENERAL FUND

1,326,923.06

1100 · REVOLVING FUND

112,861.47

Total Checking/Savings

1,797,236.66

Other Current Assets

1010 · PETTY CASH

500.00

1200 · LAIF

409,618.16

1303 · Bradbury SOD Act Assmnts Rec

83,283.00

1304 · Lauro Dam SOD Assesmnt Rec

14,447.00

1315 · Assessments Rec

1,719,336.81

1400 · PREPAID INSURANCE

24,900.72

Total Other Current Assets

2,252,085.69

Total Current Assets

4,049,322.35

Fixed Assets

1500 · VEHICLES

409,581.12

1505 · OFFICE FURN & EQUIPMENT

432,634.46

1510 · MOBILE OFFICES

97,803.34

1515 · FIELD EQUIPMENT

542,025.24

1525 · PAVING

38,351.00

1550 · ACCUMULATED DEPRECIATION

-1,320,829.64

Total Fixed Assets

199,565.52

Other Assets

1910 · LT Bradbury SOD Act Assess Rec

5,250,759.07

1920 · LT Lauro SOD Act Assess Rec

940,342.00

1921 · Loan Receivable - EPFP

2,601,317.00

Total Other Assets

8,792,418.07

TOTAL ASSETS**13,041,305.94**

COMB
Statement of Net Assets
As of January 31, 2016

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

2200 · ACCOUNTS PAYABLE

166,071.02

Total Accounts Payable166,071.02**Other Current Liabilities**

Payroll-DepPrm Admin

135.50

Payroll-DepPrm FD

21.24

Payroll-DepPrm Ops

456.26

Payroll-PERS EE Admin

0.27

2505 · ACCRUED WAGES

31,189.78

2550 · VACATION/SICK

142,912.32

2561 · BRADBURY DAM SOD ACT

83,283.66

2563 · LAURO DAM SOD ACT

14,447.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

757,452.13

Total Other Current Liabilities1,116,906.16**Total Current Liabilities**

1,282,977.18

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury

5,250,759.07

2603 · LT SOD Act Liability - Lauro

940,342.00

2604 · OPEB LT Liability

595,690.00

2605 · Loan Payable - EPFP

2,601,317.00

Total Long Term Liabilities9,388,108.07**Total Liabilities**

10,671,085.25

NET POSITION

3901 · Retained Net Assets

1,158,753.96

Net Income

1,211,465.78

Total Net Assets2,370,220.69**TOTAL LIABILITIES & NET POSITION**13,041,305.94

Statement of Revenues and Expenditures

Budget vs. Actuals July 2015 - Jun 2016

	Fisheries			Operations			TOTAL		
	Jul '15 - Jan 16	Budget	% of Budget	Jul '15 - Jan 16	Budget	% of Budget	Jul '15 - Jan 16	Budget	% of Budget
Income									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	621,221.00	1,099,077.00	56.52%	3,474,259.00	5,651,050.00	61.48%	4,095,480.00	6,750,127.00	60.67%
3006 - Warren Act	229,925.55	571,728.00	40.22%	0.00	0.00	0.00	229,925.55	571,728.00	40.22%
3007 - Renewal Fund	0.00			0.00			0.00	0.00	0.00
3010 - Interest Income	0.00			1,772.67			1,772.67	0.00	0.00
3020 - Misc Income	26.25			1,756.03			1,782.28	0.00	0.00
3032 - Grant-QC Crossing #3	0.00	705,205.00	0.0%	0.00			0.00	705,205.00	0.0%
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	75,000.00	90,000.00	83.33%	0.00			75,000.00	90,000.00	83.33%
Total 3000 REVENUE	926,172.80	3,137,645.00	29.52%	3,477,787.70	5,651,050.00	61.54%	4,403,960.50	8,788,695.00	50.11%
Total Income	926,172.80	3,137,645.00	29.52%	3,477,787.70	5,651,050.00	61.54%	4,403,960.50	8,788,695.00	50.11%
Gross Profit	926,172.80	3,137,645.00	29.52%	3,477,787.70	5,651,050.00	61.54%	4,403,960.50	8,788,695.00	50.11%
Expense									
PAYROLL									
Gross	0.00			0.00			0.00	0.00	0.00
Gross-FD	0.00			0.00			0.00	0.00	0.00
Total PAYROLL	0.00			0.00			0.00	0.00	0.00
3100 - LABOR - OPERATIONS	0.00			361,890.72	815,197.00	44.39%	361,890.72	815,197.00	44.39%
3200 VEH & EQUIPMENT									
3201 - Vehicle/Equip Mtce	0.00			13,238.27	30,000.00	44.13%	13,238.27	30,000.00	44.13%
3202 - Fixed Capital	0.00			6,298.92	15,000.00	41.99%	6,298.92	15,000.00	41.99%
3203 - Equipment Rental	0.00			1,220.05	5,000.00	24.4%	1,220.05	5,000.00	24.4%
3204 - Miscellaneous	0.00			3,098.10	5,000.00	61.96%	3,098.10	5,000.00	61.96%
Total 3200 VEH & EQUIPMENT	0.00			23,855.34	55,000.00	43.37%	23,855.34	55,000.00	43.37%
3300 - CONTRACT LABOR									
3301 - Conduit, Meter, Valve & Misc	0.00			3,616.00	20,000.00	18.08%	3,616.00	20,000.00	18.08%
3302 - Buildings & Roads	0.00			700.00	20,000.00	3.5%	700.00	20,000.00	3.5%
3303 - Reservoirs	0.00			0.00	30,000.00	0.0%	0.00	30,000.00	0.0%
3304 - Engineering, Misc Services	0.00			0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
Total 3300 - CONTRACT LABOR	0.00			4,316.00	95,000.00	4.54%	4,316.00	95,000.00	4.54%
3400 - MATERIALS & SUPPLIES									
3401 - Conduit, Meter, Valve & Misc	0.00			0.00	65,000.00	0.0%	0.00	65,000.00	0.0%
3402 - Buildings & Roads	0.00			5,069.06	15,000.00	33.79%	5,069.06	15,000.00	33.79%
3403 - Reservoirs	0.00			1,061.66	10,000.00	10.62%	1,061.66	10,000.00	10.62%
Total 3400 - MATERIALS & SUPPLIES	0.00			6,130.72	90,000.00	6.81%	6,130.72	90,000.00	6.81%
3500 - OTHER EXPENSES									
3501 - Utilities	0.00			4,213.06	7,000.00	60.19%	4,213.06	7,000.00	60.19%
3502 - Uniforms	0.00			1,147.79	5,000.00	22.96%	1,147.79	5,000.00	22.96%
3503 - Communications	0.00			10,522.16	18,000.00	58.46%	10,522.16	18,000.00	58.46%
3504 - USA & Other Services	0.00			984.00	4,000.00	24.6%	984.00	4,000.00	24.6%

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

	Fisheries			Operations			TOTAL		
	Jul '15 - Jan 16	Budget	% of Budget	Jul '15 - Jan 16	Budget	% of Budget	Jul '15 - Jan 16	Budget	% of Budget
3505 - Miscellaneous	0.00			5,185.31	8,000.00	64.82%	5,185.31	8,000.00	64.82%
3506 - Training	0.00			300.00	3,000.00	10.0%	300.00	3,000.00	10.0%
Total 3500 - OTHER EXPENSES	0.00			22,352.32	45,000.00	49.67%	22,352.32	45,000.00	49.67%
4000 - Reconciliation Discrepancies	0.00			0.23	0.00	0.23	0.23	0.00	100.0%
4100 - LABOR - FISHERIES	337,828.75	549,994.00	61.42%	0.00			337,828.75	549,994.00	61.42%
4200 - VEHICLES & EQUIP - FISHERIES									
4270 - Vehicle/Equip Mtce	8,940.82	13,000.00	68.78%	0.00			8,940.82	13,000.00	68.78%
4280 - Fixed Capital	692.19	15,000.00	4.62%	0.00			692.19	15,000.00	4.62%
4290 - Miscellaneous	1,135.92	2,500.00	45.44%	0.00			1,135.92	2,500.00	45.44%
Total 4200 - VEHICLES & EQUIP - FISHERIES	10,768.93	30,500.00	35.31%	0.00			10,768.93	30,500.00	35.31%
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	7,594.12	40,000.00	18.99%	0.00			7,594.12	40,000.00	18.99%
Total 4220 - CONTRACT LABOR - FISHERIES	7,594.12	43,000.00	17.66%	0.00			7,594.12	43,000.00	17.66%
4300 - MATERIALS/SUPPLIES - FISHERIES									
4390 - Miscellaneous	1,017.02	7,000.00	14.53%	0.00			1,017.02	7,000.00	14.53%
Total 4300 - MATERIALS/SUPPLIES - FISHERIES	1,017.02	7,000.00	14.53%	0.00			1,017.02	7,000.00	14.53%
4500 - OTHER EXPENSES - FISHERIES									
4502 - Uniforms	580.28	2,500.00	23.21%	0.00			580.28	2,500.00	23.21%
Total 4500 - OTHER EXPENSES - FISHERIES	580.28	2,500.00	23.21%	0.00			580.28	2,500.00	23.21%
4999 - GENERAL & ADMINISTRATIVE									
5000 - Director Fees									
5001 - Director Mileage	0.00			658.09	2,000.00	32.91%	658.09	2,000.00	32.91%
5000 - Director Fees - Other	0.00			6,572.80	11,000.00	59.75%	6,572.80	11,000.00	59.75%
Total 5000 - Director Fees	0.00			7,230.89	13,000.00	55.62%	7,230.89	13,000.00	55.62%
5100 - Legal	0.00			15,445.43	100,000.00	15.45%	15,445.43	100,000.00	15.45%
5101-1 - Audit	0.00			14,519.05	20,000.00	72.6%	14,519.05	20,000.00	72.6%
5150 - Unemployment Tax	0.00			287.83	5,000.00	5.76%	287.83	5,000.00	5.76%
5200 - Liability Insurance	0.00			40,497.60	42,705.00	94.83%	40,497.60	42,705.00	94.83%
5201 - Health & Workers Comp	0.00			94,246.65	180,093.00	52.33%	94,246.65	180,093.00	52.33%
5250 - PERS	0.00			24,642.58	58,420.00	42.18%	24,642.58	58,420.00	42.18%
5260 - Company FICA Admin	0.00			7,560.70	20,754.00	36.43%	7,560.70	20,754.00	36.43%
5265 - Company MCARE Admin	0.00			2,180.44	4,854.00	44.92%	2,180.44	4,854.00	44.92%
5300 - Manager Salary	0.00			22,802.10	100,750.00	22.63%	22,802.10	100,750.00	22.63%
5301 - Administrative Manager	0.00			60,089.54	87,750.00	68.48%	60,089.54	87,750.00	68.48%
5303 - Admin Assistant I	0.00			24,867.96	42,250.00	58.86%	24,867.96	42,250.00	58.86%
5306 - Administrative Assistant III	0.00			31,262.76	45,500.00	68.71%	31,262.76	45,500.00	68.71%
5310 - Postage/Office Exp	0.00			2,922.89	8,000.00	36.54%	2,922.89	8,000.00	36.54%
5311 - Office Equip/Leases	0.00			4,514.27	8,000.00	56.43%	4,514.27	8,000.00	56.43%
5312 - Misc Admin Expenses	0.00			6,801.86	10,790.00	63.04%	6,801.86	10,790.00	63.04%
5313 - Communications	0.00			4,112.07	8,500.00	48.38%	4,112.07	8,500.00	48.38%
5314 - Utilities	0.00			6,720.27	9,737.00	69.02%	6,720.27	9,737.00	69.02%

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

	Fisheries			Operations			TOTAL		
	Jul '15 - Jan 16	Budget	% of Budget	Jul '15 - Jan 16	Budget	% of Budget	Jul '15 - Jan 16	Budget	% of Budget
5315 - Membership Dues	0.00			7,784.50	8,000.00	97.31%	7,784.50	8,000.00	97.31%
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			8,251.17	15,000.00	55.01%	8,251.17	15,000.00	55.01%
5321 - Administrative Consultant	0.00			12,291.47	16,250.00	75.64%	12,291.47	16,250.00	75.64%
5325 - Emp Training/Subscriptions	0.00			83.67	2,000.00	4.18%	83.67	2,000.00	4.18%
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			331.67	1,000.00	33.17%	331.67	1,000.00	33.17%
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			399,616.94	856,603.00	46.65%	399,616.94	856,603.00	46.65%
5400 - GENERAL & ADMIN - FISHERIES									
5401 - Health & Workers Comp.	15,746.65	44,184.00	35.64%	0.00			15,746.65	44,184.00	35.64%
5402 - CalPERS	13,269.12	31,457.00	42.18%	0.00			13,269.12	31,457.00	42.18%
5403 - Company Fica	3,582.53	11,175.00	32.06%	0.00			3,582.53	11,175.00	32.06%
5405 - GM Salary	12,278.04	54,250.00	22.63%	0.00			12,278.04	54,250.00	22.63%
5406 - Company MCare	1,059.73	2,614.00	40.54%	0.00			1,059.73	2,614.00	40.54%
5407 - Legal - FD	47,345.60	25,000.00	189.38%	0.00			47,345.60	25,000.00	189.38%
5408 - Administrative Manager	32,355.95	47,250.00	68.48%	0.00			32,355.95	47,250.00	68.48%
5409 - Administrative Assistant III	16,833.77	24,500.00	68.71%	0.00			16,833.77	24,500.00	68.71%
5410 - Postage / Office Supplies	1,529.66	3,000.00	50.99%	0.00			1,529.66	3,000.00	50.99%
5411 - Office Equipment / Leases	2,430.67	5,218.00	46.58%	0.00			2,430.67	5,218.00	46.58%
5412 - Misc. Admin Expense	2,604.35	5,810.00	44.83%	0.00			2,604.35	5,810.00	44.83%
5413 - Communications	2,554.86	4,305.00	59.35%	0.00			2,554.86	4,305.00	59.35%
5414 - Utilities	3,618.41	5,243.00	69.01%	0.00			3,618.41	5,243.00	69.01%
5415 - Membership Dues	4,055.50	4,000.00	101.39%	0.00			4,055.50	4,000.00	101.39%
5416 - Admin Fixed Assets	0.00	4,000.00	0.0%	0.00			0.00	4,000.00	0.0%
5418 - Computer Consultant	4,442.92	5,000.00	88.86%	0.00			4,442.92	5,000.00	88.86%
5421 - Administrative Consultant	6,618.48	8,750.00	75.64%	0.00			6,618.48	8,750.00	75.64%
5425 - Employee Education/Subscription	45.06	2,500.00	1.8%	0.00			45.06	2,500.00	1.8%
5426 - Director Fees	3,539.20	6,000.00	58.99%	0.00			3,539.20	6,000.00	58.99%
5427 - Director Mileage	354.39	1,000.00	35.44%	0.00			354.39	1,000.00	35.44%
5430 - Travel	76.49	2,500.00	3.06%	0.00			76.49	2,500.00	3.06%
5431 - Public Information	1,178.60	1,500.00	78.57%	0.00			1,178.60	1,500.00	78.57%
5443 - Liab & Property Ins	7,817.95	6,300.00	124.09%	0.00			7,817.95	6,300.00	124.09%
5451 - Admin Assistant I	21,806.40	21,595.00	100.98%	0.00			21,806.40	21,595.00	100.98%
5452 - Program Analyst	13,390.44	22,750.00	58.86%	0.00			13,390.44	22,750.00	58.86%
Total 5400 - GENERAL & ADMIN - FISHERIES	218,534.77	372,651.00	58.64%	0.00			218,534.77	372,651.00	58.64%
5510 - Integrated Reg. Water Mgt Plan	0.00			2,308.00	5,000.00	46.16%	2,308.00	5,000.00	46.16%
6000 - SPECIAL PROJECTS									
6062 - SCADA	0.00			5,112.05	25,000.00	20.45%	5,112.05	25,000.00	20.45%
6090 - COMB Office Building	0.00			3,733.96	290,000.00	1.29%	3,733.96	290,000.00	1.29%
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			5,872.00	10,000.00	58.72%	5,872.00	10,000.00	58.72%
6098 - SCROW Management Program	0.00			14,346.25	20,000.00	71.73%	14,346.25	20,000.00	71.73%
6099 - SUMP Jet Flow Control Valve	0.00			874.80	0.00		874.80	0.00	
6111 - Emission Crk Pipe Temp Repair	0.00			55,485.41	60,000.00	92.48%	55,485.41	60,000.00	92.48%

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

	Fisheries				Operations				TOTAL			
	Jul '15 - Jan 16	Budget	\$ Over Budget	% of Budget	Jul '15 - Jan 16	Budget	\$ Over Budget	% of Budget	Jul '15 - Jan 16	Budget	\$ Over Budget	% of Budget
6118 - Repair Lateral 3 Structure	0.00				0.00	20,000.00	-20,000.00	0.0%	0.00	20,000.00	-20,000.00	0.0%
6120 - Emergency Pumping Fac Project	0.00				759,940.80	2,709,250.00	-1,949,309.20	28.05%	759,940.80	2,709,250.00	-1,949,309.20	28.05%
6122 - Rehab San Antonio Crk Blow-off	0.00				0.00	10,000.00	-10,000.00	0.0%	0.00	10,000.00	-10,000.00	0.0%
6123 - Sheffield Tunnel Insp/Eval SCC	0.00				0.00	100,000.00	-100,000.00	0.0%	0.00	100,000.00	-100,000.00	0.0%
6124 - SP Slope Stabilization	0.00				8,941.00	10,000.00	-1,059.00	89.41%	8,941.00	10,000.00	-1,059.00	89.41%
6127 - Encroachment-Tree/Veg Overgrow	0.00				0.00	25,000.00	-25,000.00	0.0%	0.00	25,000.00	-25,000.00	0.0%
6128 - Lauro Tunnel Pipe Support Eval	0.00				0.00	30,000.00	-30,000.00	0.0%	0.00	30,000.00	-30,000.00	0.0%
6129 - Rehab SCC LR Lateral Structures	0.00				0.00	50,000.00	-50,000.00	0.0%	0.00	50,000.00	-50,000.00	0.0%
6130 - NP Slope Stabilization	0.00				0.00	90,000.00	-90,000.00	0.0%	0.00	90,000.00	-90,000.00	0.0%
Total 6000 - SPECIAL PROJECTS	0.00				854,693.26	3,689,250.00	-2,834,556.74	23.17%	854,693.26	3,689,250.00	-2,834,556.74	23.17%
6200 - FISHERIES ACTIVITIES												
6201 - FMP Implementation	8,145.18	100,000.00	-91,854.82	8.15%	0.00				8,145.18	100,000.00	-91,854.82	8.15%
6202 - GIS and Mapping	4,052.40	10,000.00	-5,947.60	40.52%	0.00				4,052.40	10,000.00	-5,947.60	40.52%
6203 - Grants Technical Support	2,070.00	10,000.00	-7,930.00	20.7%	0.00				2,070.00	10,000.00	-7,930.00	20.7%
6204 - SYR Hydrology Technical Support	1,582.57	10,000.00	-8,417.43	15.83%	0.00				1,582.57	10,000.00	-8,417.43	15.83%
6205 - USGS Stream Gauge Program	57,025.00	77,000.00	-19,975.00	74.06%	0.00				57,025.00	77,000.00	-19,975.00	74.06%
6206 - Tri County Fish Team Funding	0.00	5,000.00	-5,000.00	0.0%	0.00				0.00	5,000.00	-5,000.00	0.0%
6207 - Oak Tree Restoration Program	21,028.61	100,000.00	-78,971.39	21.03%	0.00				21,028.61	100,000.00	-78,971.39	21.03%
6209 - SYR Riverware Model Peer Review	0.00	0.00	0.00	0.0%	0.00				0.00	0.00	0.00	0.0%
6211 - SYR RiverWare Model Use	0.00	0.00	0.00	0.0%	0.00				0.00	0.00	0.00	0.0%
Total 6200 - FISHERIES ACTIVITIES	93,903.76	312,000.00	-218,096.24	30.1%	0.00				93,903.76	312,000.00	-218,096.24	30.1%
6300 - HABITAT ENHANCEMENT												
6303 - Tributary Projects Support	0.00	20,000.00	-20,000.00	0.0%	0.00				0.00	20,000.00	-20,000.00	0.0%
6312 - Quiota Creek Crossing 0 (a&b)	14,035.15	810,000.00	-795,964.85	1.73%	0.00				14,035.15	810,000.00	-795,964.85	1.73%
6313 - Quiota Creek Crossing 3	821,252.42	930,000.00	-108,747.58	88.31%	0.00				821,252.42	930,000.00	-108,747.58	88.31%
6314 - Quiota Creek Crossing 4	5,538.42	30,000.00	-24,461.58	18.46%	0.00				5,538.42	30,000.00	-24,461.58	18.46%
6315 - Quiota Creek Crossing 8	6,277.57	30,000.00	-23,722.43	20.93%	0.00				6,277.57	30,000.00	-23,722.43	20.93%
Total 6300 - HABITAT ENHANCEMENT	847,103.56	1,820,000.00	-972,896.44	46.54%	0.00				847,103.56	1,820,000.00	-972,896.44	46.54%
Total Expense	1,517,331.19	3,137,645.00	-1,620,313.81	48.36%	1,675,163.53	5,651,050.00	-3,975,886.47	29.64%	3,192,494.72	8,788,695.00	-5,596,200.28	36.33%
Net Income	-591,158.39	0.00	-591,158.39	100.0%	1,802,624.17	0.00	1,802,624.17	100.0%	1,211,465.78	0.00	1,211,465.78	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
 February 01,
 2016

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMA Average Monthly Yields

Tran Type Definitions

January 2016 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
1/15/2016	1/14/2016	QRD	1489620	SYSTEM	872.37

Account Summary

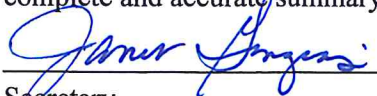
Total Deposit:	872.37	Beginning Balance:	408,745.79
Total Withdrawal:	0.00	Ending Balance:	409,618.16

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 January, 2016, 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

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JAN 25 2016

CACHUMA O & M BOARD

000737

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

15
0
0



MERGER NEWS: Please visit the "In The News" section of The Bank's website
<http://www.bankofsantabarbara.com>

If you have additional merger questions please feel free to contact us
either by phone at 805-730-7860 or by email at bsbmigration@banksb.com
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

BUSINESS CHECKING ACCOUNT XXXXXXXXXXXX1530

LAST STATEMENT 12/31/15	10,215.61
CREDITS	.00
DEBITS	.00
THIS STATEMENT 01/15/16	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 January, 2016, complies with legal requirements for investment policy of government agencies, AB 1073. Thereby certify that it constitutes a complete and accurate summary of all Bank of Santa Barbara investments of this agency for the period indicated.

Secretary

AMERICAN RIVIERA BANK

P.O. Box 329, Santa Barbara, California 93102
805-965-5942 www.americanrivierabank.com

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FEB 05 2016

PAGE 1

CACHUMA O & M BOARD

CACHUMA OPERATION AND MAINTENANCE BOARD
3301 LAUREL CANYON RD
SANTA BARBARA CA 93105

ACCOUNT ANALYSIS CHECKING

ACCOUNT NO 705011530
STATEMENT DATE 01/29/2016
LAST STATEMENT DATE 01/15/2016

0	STATEMENT PERIOD		
PREVIOUS BALANCE	10,215.61	# OF DAYS-STMT PERIOD	14
0 DEPOSITS/CREDITS	0.00	AVERAGE BALANCE	10,215.61
0 CHECKS/WITHDRAWALS	0.00	YTD INTEREST	0.00
ENDING BALANCE	10,215.61		
TOTAL SRV CHG TODAY	0.00		

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 January, 2016, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank investments of this agency for the period indicated.


Secretary



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

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JAN 25 2016

000740

CACHUMA O & M BOARD

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

15
 0
 0



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MERGER NEWS: Please visit the "In The News" section of The Bank's website
<http://www.bankofsantabarbara.com>
 If you have additional merger questions please feel free to contact us
 either by phone at 805-730-7860 or by email at bsbmigration@banksb.com
 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

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LAST STATEMENT 12/31/15	344,355.52
1 CREDITS	2,881.00
DEBITS	.00
THIS STATEMENT 01/15/16	347,236.52

DESCRIPTION	OTHER CREDITS	DATE	AMOUNT
REMOTE CAPTURE DEPOSIT		01/14	2,881.00
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 January, 2016, complies with legal requirements for investment policy of government agencies, AB 1073. Thereby certify that it constitutes a complete and accurate summary of all Bank of Santa Barbara investments of this agency for the period indicated.


 Secretary

AMERICAN RIVIERA BANK

P.O. Box 329, Santa Barbara, California 93102
805-965-5942 www.americanrivierabank.com

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FEB 05 2016

CACHUMA O & M BOARD PAGE 1

CACHUMA OPERATION AND MAINTENANCE BOARD
3301 LAUREL CANYON RD
SANTA BARBARA CA 93105

ACCOUNT ANALYSIS CHECKING

ACCOUNT NO 705011543
STATEMENT DATE 01/29/2016
LAST STATEMENT DATE 01/15/2016

0	STATEMENT PERIOD		
PREVIOUS BALANCE	347,236.52	# OF DAYS-STMT PERIOD	14
0 DEPOSITS/CREDITS	0.00	AVERAGE BALANCE	347,236.52
0 CHECKS/WITHDRAWALS	0.00	YTD INTEREST	0.00
ENDING BALANCE	347,236.52		
TOTAL SRV CHG TODAY	0.00		

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 January, 2016, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank investments of this agency for the period indicated.


Secretary

comb2
Paid Claims
As of January 31, 2016

Date	Num	Name	Memo	Amount
1050 - GENERAL FUND				
01/06/2016	24234	A-OK Power Equipment-SB	Sharpen chain-saw	-47.27
01/06/2016	24235	ACWA-Joint Powers Insurance Authority	Workers Comp Program 10/1-12/31/15	-9,832.00
01/06/2016	24236	AT&T	Dec charges	-246.58
01/06/2016	24237	Bartlett, Pringle & Wolf, LLP	Audit services-FY 14/15	-10,953.00
01/06/2016	24238	Blue Gavel Press	CA Employer's Guide-26th Edition	-128.73
01/06/2016	24239	Bob Murray & Associates	GM Recruitment-Outreach/resume screening	-1,255.29
01/06/2016	24240	Business Card	Webhost/company holiday party/office supplies replacement batteries	-1,628.29
01/06/2016	24241	Carpinteria Valley Lumber Company	Materials-reservoir road mtce (Ops Div)	-36.70
01/06/2016	24242	Channel City Lumber	Tree stakes-oak tree program (Fish Div)	-1,581.05
01/06/2016	24243	City of Santa-Barbara	Trash/Recycle-Dec 2015	-217.82
01/06/2016	24244	COM3 Consulting Inc.	QC Xng 8 Project Mgmt services-Jul-Nov services	-2,070.00
01/06/2016	24245	Crop Production Services, Inc	Fertilizer/soil-oak tree program (Fish Div)	-417.65
01/06/2016	24246	Cushman Contracting Corp.	Emerg Pumping System: Pay Req#20-Phase II	-98,700.08
01/06/2016	24247	Draganchuk Alarm Systems	Alarm monitoring 1/1-3/31/16	-82.50
01/06/2016	24248	ECHO Communications	Monthly answering service	-62.00
01/06/2016	24249	Farm Supply Company	Soil/tree stakes/t-posts/wire/gopher baskets potting mix-oak trees & fence repair (Fish Div)	-3,119.17
01/06/2016	24250	GE Capital	Copier lease agmts	-1,048.48
01/06/2016	24251	Giffin Rental Corp.	Trailer parts/supplies (Big Tex)	-73.55
01/06/2016	24252	Harrison Hardware	Compost/tarp/fencing/gopher baskets/stripping paint-oak tree; misc mat/supp (Fish Div)	-5,171.20
01/06/2016	24253	Harwood White	Dec mtg fees	-132.77
01/06/2016	24254	HDR Engineering, Inc.	Engineering services-EPFP Dec (Ops Div)	-5,898.29
01/06/2016	24255	Home Depot Credit Services	Bldg mtce mat/NP road mtce/Ofc roof repair/ tools/reservoir road mtce (Ops Div)	-1,690.80
01/06/2016	24256	J&C Services	Office cleaning services-Dec	-500.00
01/06/2016	24257	Kenneth A. Knight, Consulting	Consulting Arborist-Oak Tree program-Nov	-700.00
01/06/2016	24258	Kevin D. Walsh	Dec mtg fees	-321.22
01/06/2016	24259	Laser Cartridge Co.	Ink cartridge	-205.09
01/06/2016	24260	Lauren W. Hanson	Dec mtg fees	-267.51
01/06/2016	24261	Manzanita Nursery	Trees-QC Xng3; Trees-oak tree (Fish Div)	-1,198.80
01/06/2016	24262	Milpas Rental	Scissor lift/extension cord (Ops Div)	-163.51
01/06/2016	24263	Musick, Peeler & Garrett LLP	General Counsel-Oct/CalTrout-Oct	-10,204.28
01/06/2016	24264	Nestle Pure Life Direct	5 gal disp. for Ops crew (part of PPE criteria)	-26.65
01/06/2016	24265	Northern Safety Co. Inc.	Safety jackets/waterproof overalls (Ops Div)	-464.89
01/06/2016	24266	O'Reilly Automotive, Inc.	Wiper blades/anti-freeze/oil/vehicle battery chargers/Battery-Explorer/hand cleaner (Ops)	-510.61
01/06/2016	24267	Orchard Business/SYNCB	Soil/buckets/chisel/markings paint-oak (Fish)	-127.14
01/06/2016	24268	Pacific Coast Jiffy Lube	Oil changes/service (Ops Div)	-161.35
01/06/2016	24269	Paychex, Inc.	12/4, 12/18 payrolls/taxes/deliveries	-323.25
01/06/2016	24270	Polly Holcombe	Dec mtg fees	-416.55
01/06/2016	24271	Powell Garage	Oil-filter change/brake-tire inspection (Fish Div)	-139.13
01/06/2016	24272	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-66.38
01/06/2016	24273	Prudential Overall Supply	Mats/scrapers-Dec	-150.84
01/06/2016	24274	SB Home Improvement Center	Gloves/concrete repair (Ops Div)	-34.50
01/06/2016	24275	Southern California Edison	Main office/outlying stations	-1,225.47
01/06/2016	24276	Turenchalk Network Services, Inc.	IT services-Nov/Dec; SCADA workstation	-6,239.63
01/06/2016	24277	Underground Service Alert of So. Calif.	57 Ticket charges	-85.50
01/06/2016	24278	Valley Compost & Topsoil, Inc.	Compost-oaks (Fish Div)	-345.60
01/06/2016	24279	Verizon California	Main office/outlying stations	-549.50
01/06/2016	24280	W. Douglas Morgan	Dec mtg fees	-418.51
01/06/2016	24281	Wright Express Fleet Services	Fleet fuel	-1,937.49

comb2
Paid Claims
As of January 31, 2016

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
01/07/2016	24282	Cox Communications	Business internet-Jan	-195.00
01/07/2016	24283	Dudek	Mission Creek Engineering services-Nov	-405.00
01/07/2016	24284	Peter Lapidus Construction, Inc.	Quiota Creek Xng 3-Prog Req #4/backhoe mobilization for oak tree work (Fish Div)	-83,190.00
01/07/2016	24285	Verizon California	SCADA	-530.90
01/07/2016	24286	Bedrock Building Supplies	Sand-road mtce/gloves (Ops Div)	-79.87
01/15/2016	24287	All Around Landscape Supply	Sand bags-road mtce/gloves (Ops Div)	-73.03
01/15/2016	24288	Association of Ca Water Agencies/JPIA	Feb Health Benefits coverage	-24,466.15
01/15/2016	24289	CIO Solutions, LP	ShoreTel Support Agmt 1/14/16-1/13/17	-1,405.00
01/15/2016	24290	Culligan of Sylmar	Monthly RO system-Jan	-24.95
01/15/2016	24291	Dave Stewart	Reimb-vehicle repair front end '07 Chev (Rio Vista Chevrolet) (Ops Div)	-983.10
01/15/2016	24292	Fugro Consultants, Inc.	QC Xng 3-onsite materials testing Nov/Dec; QC Xng 3-concrete sampling-testing Nov/Dec	-2,099.00
01/15/2016	24293	Hayward Santa Barbara	Concrete-NP Rd mtce/straps for trailer (Ops Div)	-413.09
01/15/2016	24294	Praxair Distribution, Inc	Gas for welder/helmet/gloves/lenses (Ops Div)	-293.61
01/15/2016	24295	Southern California Edison	Outlying stations	-55.38
01/15/2016	24296	Verizon Wireless	Modems	-152.04
01/25/2016	22893	American Water Works Association	Member Dues 4/1/16-3/31/17	-420.00
01/25/2016	22894	Big Brand Tire Company	Tires/balance-F-150 (Fish Div)	-708.03
01/25/2016	22895	Business Card	Office supplies/waders/water trailer pump parts/tags/grow tubes-oaks/American Fisheries member dues (TR)	-956.87
01/25/2016	22896	Coastal Copy, LP	Copier mtce agmt	-138.24
01/25/2016	22897	COMB Revolving Fund	Jan 29, Feb 12 & 26 payrolls/taxes	-148,036.79
01/25/2016	22898	County of Santa--Barbara	Dump runs/mulch (Dec invoices) (Ops/Fish Div)	-268.12
01/25/2016	22899	Northern Safety Co. Inc.	Full fit respirators/storage bags (Ops Div)	-467.82
01/25/2016	22900	Orchard Business/SYNCB	Shop towels/lights for bldgs (Ops Div)	-48.18
01/25/2016	22901	PG&E	Tecolote Tunnel/North Portal electricity	-314.51
01/25/2016	22902	Pitney Bowes Global Financial Services LL	Lease agmt (quarterly)-postage meter	-443.89
01/25/2016	22903	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-68.59
01/25/2016	22904	Premiere Global Services	Conf calls-Dec	-36.27
01/25/2016	22905	Sansum Clinic-Occupational Medicine	Pre-employment physical-(CA) (Fish Div)	-299.00
01/25/2016	22906	Southern California Edison	Outlying stations	-28.47
01/25/2016	22907	The Bank of Santa Barbara	Loan interest pymt #18-Jan	-7,153.60
01/25/2016	22908	The Gas Company	Main office	-98.28
01/25/2016	22909	Verizon Wireless	Cellular/Modem's/USB's	-677.53
Total 1050 - GENERAL FUND				<u>-445,706.93</u>
TOTAL				<u>-445,706.93</u>

APPROVED FOR PAYMENT

_____ Director

_____ Director

_____ Director

FINANCE COMMITTEE

comb2
Pending Claims for Payment
As of January 31, 2016

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Memo</u>	<u>Due Date</u>	<u>Amount Due</u>
Musick, Peeler & Garrett LLP					
Bill	01/13/2016	290274	General Counsel-Dec	02/12/2016	1,495.00
Total Musick, Peeler & Garrett LLP					1,495.00

TOTAL

TOTAL CLAIMS PENDING PAYMENT JAN

\$ 1,495.00

APPROVED FOR PAYMENT

_____ Director

_____ Director

_____ Director

FINANCE COMMITTEE

CACHUMA OPERATION & MAINTENANCE BOARD

Operations Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Wednesday, February 17, 2016
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. Emergency Pumping Facilities Project (EPFP) Status (*for information and possible recommendation*)
4. Watershed Sanitary Survey (*for information and possible recommendation*)
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.”

February 22, 2016

Interim General Manager Report

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

Cachuma Member Unit Managers Meeting

The Cachuma Member Unit Managers meeting is hosted by the Santa Barbara County Water Agency and took place on Wednesday, February 3rd. The County provided the attendees with an updated graph showing a snapshot of the estimated remaining water in the lake divided into carryover water, BNA/ANA water, minimum pool, imported water stored, and unallocated water as of January 31, 2016. COMB continues to track and provide the Member Agencies' planned versus actual demand numbers related to carryover water and state/supplemental water deliveries. As a result of discussions regarding triggers on exceedance, COMB is taking the lead on developing system isolation protocols and working with Reclamation on the development of notification protocols. The proposal to engage the consultant for development of system isolation protocols will be presented through the Operations Committee and subsequently to the Board. The next Cachuma Member Unit Managers meeting is scheduled for Wednesday, March 3, 2016.

Safe Yield Workshop

A safe yield workshop was hosted by the County Water Agency on Friday, January 29th and was attended by Stetson Engineers and additional stakeholders to discuss options on safe operational yields of the Cachuma Project. Stetson presented background and technical information on various factors affecting project yield such as historical and current reservoir capacity, downstream water rights releases, fish releases, Warren Act Contract impacts, climatic assumptions such as evaporation and drought, and operational yield analyses.

Operations Division

- Drought Emergency Pumping Facility Project (EPFP)

The EPFP is currently operating at site one location with an approximate operational depth of eighteen feet. Water quality is the primary concern for that location and has been acceptable to date. The system has been operating primarily at low flows for the first half of February with a slight ramp up during the past few days.

COMB hosted a meeting on Thursday, January 28th with the Member Agency General Managers and technical staff to review the Emergency Pumping Facility Project and options for relocation to site 2. Dan Ellison, Project Engineer, HDR, presented projections and technical information. Items for discussion included review of options in current contract, environmental permitting, ownership, cost comparisons, liability issues, site 2 location possibilities, operations and maintenance, and county park concerns, among other considerations. As mentioned previously, an Operations Committee meeting was held on Wednesday, February 17th. As a result of discussion and additional requested information, the Operations Committee will meet again in early March.

- AVAR Engineering Proposals

Request for proposals for engineering services on the air vacuum air release valves, riser pipe and blow-off structure projects have been provided to four engineering firms: Flowers & Associates, Inc., HDR, AECOM and MNS Engineers, Inc.. The deadline for receipt of proposals is February 26th. The proposals will be presented to the Operations Committee with a staff recommendation prior to submission to the Board.

- Watershed Sanitary Survey

The California Department of Public Health mandates that all surface water systems conduct a sanitary survey of their watersheds at least every five years, pursuant to Surface Water Treatment Rule Section 64665. The watershed survey area includes the Santa Ynez River above Bradbury Dam, the West Fork of Glen Annie Canyon above Glen Annie Dam, Lauro Canyon above Lauro Dam, and the watershed above the City of Lompoc, San Miguelito - Frick Springs. Participating agencies include the Cachuma Member Agencies and the City of Lompoc.

The previous survey was conducted in 2010 with the report completed in 2011. For several years, updates to the survey have been completed by Summers Engineering, Inc. A proposal has been received by Summers Engineering for this work and will be presented with a staff recommendation at the next Operations Committee meeting prior to submission to the Board.

Fisheries Division

- Hilton Creek Emergency Backup System Testing

The Fisheries Division Biologists were readily available and onsite for fish rescue activities during the testing of Reclamation's Hilton Creek Emergency Backup System in late January. Through an email sent by one of their engineers, Reclamation specifically commended the tremendous support of COMB staff in assisting with conducting the final testing and commissioning of the Hilton Creek Emergency Backup System.

EMERGENCY PUMPING FACILITY PROJECT FY 2015/2016

Attachment A

AS OF: _____ 1/31/2016

FY 15/16 APPROVED BUDGET

Emergency Pumping Facility Project ACCT #6120 2,709,250.00

Total Budget Approved	\$ 2,709,250.00	Total funds available FY 15/16
------------------------------	------------------------	---------------------------------------

FY 15/16 EMERGENCY PUMPING FACILITY PROJECT				
CONSULTANTS	BUDGET	EXPENDED	BALANCE	Description
Cushman Contracting	2,219,250.00	665,400.09	1,553,849.91	Construction - Phase II/Operations
HDR Engineering	100,000.00	44,136.08	55,863.92	Contract Management tasks
PGE	150,000.00	-	150,000.00	PGE reconducting costs (6 mo's)
PGE	240,000.00	-	240,000.00	PGE electrical costs (6 mo's)
Musick, Peeler & Garrett	-	3,956.00	(3,956.00)	Legal costs
Bank of Santa Barbara	-	46,448.63	(46,448.63)	Loan fees/Interest (CVWD/GWD/MWD)
Misc	-	-	-	Materials, supplies, Permits, etc.
	\$ 2,709,250.00	\$ 759,940.80	\$ 1,949,309.20	

FY 14/15 EMERGENCY PUMPING FACILITY PROJECT				
CONSULTANTS	BUDGET	EXPENDED*	BALANCE	Description
Cushman Contracting	3,818,000.00	3,818,976.13	-	Construction - Phase II/Operations
HDR Engineering	150,000.00	71,618.52	-	Contract Management tasks
Musick, Peeler & Garrett	-	22,609.00	-	Legal costs
PGE Construction	750,000.00	111,907.00	-	
PGE Monthly Costs	240,000.00	9,631.02	-	Electricity charges
PGE Monthly Costs	-	2,500.00	-	Deposit-pump station location #2 eng.
RMC Water & Environment	-	24,533.50	-	Prop 84, Grant Application support
Rodney Hunt-Fontaine	-	540.00	-	Stems/guides-cast/engineering
SY Band of Chumash	-	1,914.30	-	Field monitoring
Bank of Santa Barbara	-	60,120.92	-	Loan fees/Interest (CVWD/GWD/MWD)
Misc	-	1,214.97	-	Materials, supplies, Permits, etc.
	\$ 4,958,000.00	\$ 4,125,565.36	\$ -	

**Participating Member Units were assessed Actual Expenditures only.*

COMBINED FY 13/14; 14/15 & 15/16 Totals			
	<u>BUDGET</u>	<u>EXPENDED</u>	<u>BALANCE</u>
	\$ 8,653,250.00	\$ 6,331,638.41	\$ 1,489,176.95

QB Reconciliation	1,446,132.25	QB Total Expenditures FY 13/14
	4,125,565.36	QB Total Expenditures FY 14/15
	759,940.80	QB Total Expenditures FY 15/16
	\$ 6,331,638.41	

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: February 22, 2016
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 January was 646.3 acre-feet, for an average daily flow of 20.8 acre-feet. Lake elevation was 664.67 feet at the beginning of the month and 665.03 feet at the end. Storage change increased 278 acre-feet. CCWA wheeled 645.2 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
- Clean up, Inspection, and tool Inventory of all vehicles
- Clean up and organize service yard and all buildings

Weekly Safety Meetings:

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

- ✓ Respirator fit testing
- ✓ Chocking and blocking safety
- ✓ Cleaning pesticide soiled clothing
- ✓ Eye protection, seeing is believing

COMB Operations Staff specifically performed the following activities:

- The continual inspection of all dams, reservoirs, valve pits, and buildings during and after significant weather events.
- Cleared woody brush and unwanted vegetation from the upstream dam face. This project occurs several time a year and is recommended by the Bureau of Reclamation.
- Completed a rehabilitation project of the Carpinteria Reservoir road drains. The drains that are located in the curb of the road around the reservoir previously drained directly onto the dam face causing erosion from the water runoff. Operations personnel extend the drain pipes down into the storm wash to prevent further damage to the dam face. Approximately 500' of drain pipe was installed.
- A soils grading project around the main storage building of the maintenance yard was completed by COMB staff. The project consisted of grading the soil around the building with a slight elevation decline for proper storm water runoff. Storm water infiltrated the storage building during one of the recent rainfall events. Also, 5/8" gravel was placed on top of the bare soil to prevent vegetation growth and provide a means of erosion prevention.
- Operations personnel were fitted and cleared for full face respirator use. The fitting was done by the company SECORP. (see photos)
- Post storm maintenance and clean-up of all debris.
- Operations department continually inspects all sites, reservoirs, and the South Coast Conduit for items to add to the IIP for future projects.
- Operations staff assisted the Fisheries division with digging approximately 100 holes for Oak tree planting.

- Several South Coast Conduit structures were cleaned and maintained in accordance to COMB's annual work plan. These structures include: 23+97 BO, 28+32 AV, 57+97 BO, 80+86 BO, 99+22 BO, 100+78 AV, 108+30 TO, 111+85BO, 122+20 BO, 165+60 TO, 180+13 TO, 188+22 AV, 131+54 AV, 153+00 BO, 153+50 TO, 163+90 AV, 190+30 TO, 193+85 BO, 195+81 AV, 198+01 BO, 202+97 TO, 209+35 BO, 358+50 TO, 361+20 AV, 378+48 BO, 379+00 TO, 380+30 AV, 395+15 BO, 396+50 TO, and 407+75 AV (see photos)

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

Pictures

Respirator fit testing



Annual Structure Maintenance



CACHUMA OPERATION AND MAINTENANCE BOARD

BOARD MEMORANDUM

DATE: February 22, 2016
TO: Janet Gingras, Interim General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- Hilton Creek Emergency Backup System (HCEBS) project has been completed and is fully operational. The HCEBS is currently delivering water to Hilton Creek by gravity flow at a flow rate of approximately 1.25 cfs.
- COMB was notified that we were awarded a Quiota Creek Crossing 4 CDFW-FRGP Grant for \$938,295.

In compliance with the 2000 Cachuma Project Biological Opinion (BiOp) (NMFS, 2000) and as described in the 2004 Lower Santa Ynez River Fish Management Plan (SYRTAC, 2000) and the Monitoring Program in the 2000 Revised Biological Assessment (BA), the 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:

Lake Profiles: Lake Cachuma water quality measurements (temperature, dissolved oxygen concentration solids and turbidity) at one meter intervals from the surface to the bottom of the lake (Lake Profile) are taken once a month, 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 are being taken monthly throughout the year.

Redd Surveys: Redd surveys are conducted approximately every two weeks from mid-January 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. The redd surveys to date have not observed any redds within any of the survey reaches.

Beaver Dam Surveys: The Water Year 2016 beaver dam survey within the Lower Santa Ynez River basin was completed and the results submitted to USBR and SYRCWD. The results will be included in the Annual Monitoring Report.

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: 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 HDR are still in discussion on finalizing a mutually acceptable design. A meeting with the two landowners occurred on 1/8/16 and our design engineer at HDR is working on design modifications from our meeting. We hope to solidify on the design within a month at which point 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: This project has been completed. The final financial summary will be presented in a separate COMB Board meeting when all invoicing has completed.

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 results of that funding competition have just been released and we were awarded the grant for the total amount requested (<http://www.dfg.ca.gov/fish/Administration/Grants/FRGP/FundSummary.asp>). The project and funding award will be discussed at the next Fisheries Committee meeting.

Quiota Creek Crossing 8: We held a landowner meeting on 1/8/16 to discuss design requirements. Our consultant is working on the Cooperative Agreement between COMB and SB County as well as the CalTrans grant application. Project process and status will be presented at the next Fisheries Committee meeting.

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 plus the Hilton Creek Emergency Backup System (HCEBS)

The HCWS and HCEBS are owned, operated and maintained by USBR. The following repairs, upgrades and installations have been identified by USBR with the status of each (Table 1). The HCEBS was completed at the end of January. An additional contract modification (Mod-005) is in process to have the contractor install security fencing and lighting for the HCEBS. With this system fully operational, USBR can now work on identified repairs to the HCWS which will be scheduled soon.

Table 1: List of HCWS repairs and upgrades as reviewed by USBR Management on 2/17/16.

#	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	Completed - 1/31/16
8	Contract Modification (Mod-005) to be issued soon to install security fencing and lighting	Pending (Mod-005 in process)
Work to be completed once the HCEBS is installed:		
9	Provide low flow delivery (~1.5 cfs) to HC to accommodate < 30,000 af of storage	Completed - 12/1/15
10	Finalize all needed modifications to Pumps #1+2	Pending (repair schedule coming out soon)
11	Upgrade current Motor Control (electrical panel) to assure no power interruption to Pumping Barge	Pending (repair schedule coming out soon)
12	General top of Dam electrical and SCADA upgrades	Pending (repair schedule coming out soon)
13	Repair the 3 leaky valves at the Outlet works	Valve sealing done in December 2014, improved not perfec
14	Negotiate a solution for independent CCWA delivery without connecting to the Outlet	CCWA, USBR, MUs + SYRWCD in process
15	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 BiOp 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 9/26/15. 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 releases 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		14,062	
Total:	9,184	19,695	3,551
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 1/31/16.			
*** 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: The 2012 Annual Monitoring Report has been reviewed by the COMB Fisheries Committee and comments have been incorporated. The draft 2013 AMR will be sent to the Science Review Team soon. Staff is also working on the draft 2014 AMR. The RPM 6 Report from WR 89-18 releases last year has been completed and sent to USBR for submittal to NMFS.

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 and reporting 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:	February 22, 2016
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Janet Gingras

SUBJECT: Lake Cachuma Oak Tree Restoration Program

SUMMARY:

Maintenance

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since June 1, 2015 to the present (6/1/15 – 2/22/16, Table 1). Labor and expenses for the entire fiscal year (July 2015 - June 2016) 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 has been presented to the Lake Cachuma Oak Tree Committee at its 10/14/15 meeting as well as the draft 2015 Lakeshore Survey, which will set the mitigation number for 2015.

Table 1: Cachuma Oak Tree Program completed tasks since 6/1/15.

	June 2015	July 2015	August 2015	Sept 2015	Oct 2015	Nov 2015*	Dec 2015*	Jan 2016	Feb 2016**
Year 8 Oaks (2015-2016)							New Trees Gopher Baskets Fertilizer/Compost Deer Cages Mulched/Irrigated	New Trees Gopher Baskets Fertilizer/Compost Deer Cages Mulched/Irrigated	New Trees Gopher Baskets Fertilizer/Compost Deer Cages Mulched/Irrigated
Year 7 Oaks (2014-2015)	Irrigated Weeded Cage maint.	Irrigated Weeded Cage maint.	Irrigated Weeded Cage maint.	Irrigated Weeded Cage maint.	Irrigated Weeded				Weeded Mulched
Year 6 Oaks (2010-2011)	Cage maint.				Weeded Mulched				
Year 5 Oaks (2009-2010)					Irrigated Fertilized				
Year 4 Oaks (2008-2009)						Irrigated Fertilized Cage maint.			
Year 3 Oaks (2007-2008)						Irrigated Fertilized Cage maint.			
Year 2 Oaks (2006-2007)	Irrigated Weeded					Fertilized			
Year 1 Oaks (2005-2006)	Irrigated Weeded					Fertilized			
*November and December work included annual oak tree inventory									
**February work included Year 8 oak tree inventory									

The planting of new oak trees (Year 8) during the fall of 2015 and winter of 2016 has been completed (Exhibit A). The Fisheries Division, with assistance from the California Conservation Corps (CCC) began the Year 8 planting process in December and finished in early February. Trees were planted at an approximate

ratio of 90% Coast Live Oaks and 10% Valley Oaks. New trees have been planted (approximately 700) at two plateaus near the Lower Santa Ynez River on Bureau of Reclamation property, downstream of Bradbury Dam. In early February, approximately 107 oak trees were also planted at the Lake Cachuma County Park, bringing the new (Year 8) planting total to approximately 807 oak trees. Oak trees are being provided by Manzanita Nursery in Solvang.

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:



Exhibit A: Lake Cachuma Oak Tree Restoration Program at Lake Cachuma County Park showing (a) COMB Operations personnel digging holes, (b) CCC and COMB delivering compost, (c) and (d) completed sections of Year 8 oak trees.

CACHUMA OPERATION AND MAINTENANCE BOARD
METERED USE REPORT FOR JANUARY 2016

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Ortega South Flow		17.58	18+62	G. WEST	9.72
Asegra Road		(1.64)	78+00	Corona Del Mar FILTER Plant	56.43
Lambert Road		0.00	122+20	STOW RANCH	0.00
Toro Canyon		(0.09)		Bishop Ranch (Wynmark)(Water Rights)	0.00
				Raytheon (SWP) (Warren Act Contract)	0.00
				Morehart (SWP) (Warren Act Contract)	(2.00)
				SWP CREDIT (Warren Act Contract)	(64.15)
			TOTAL		0.00
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	24.00
			386+65	MWD YARD	0.29
			487+07	VALLEY CLUB	0.00
			499+65	E. VALLEY-ROMERO PUMP	58.42
			599+27	TORO CANYON	0.09
			510+95	ORTEGA CONTROL	0.00
			510+95	MWD PUMP (SWD)	2.94
			526+43	ASEGRA RD	1.64
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.00
				SWP CREDIT (Warren Act Contract)	0.00
			TOTAL		87.37
			CITY OF SANTA BARBARA		
			CATER	INFLOW	562.06
			"	SO. FLOW	(185.81)
			Gibraltar	PENSTOCK	(40.00)
			Sheffield	SHEF.LIFT	75.08
				STANWOOD MTR TO SCC-credit	0.00
				SWP (Warren Act)	(367.00)
				La Cumbre Mutual SWP (Warren Act)	(10.00)
			TOTAL		34.33
			SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1		
			COUNTY PARK, ETC		0.97
			TOTAL		0.97
			BREAKDOWN OF DELIVERIES BY TYPE:		
			STATE WATER DELIVERED TO LAKE		653.00
			STATE WATER TO SOUTH COAST (including from storage)		(459.01)
			BISHOP RANCH DIVERSION		0.00
			METERED DIVERSION		122.66
			STATE WTR CREDIT (15.86)		
			TOTAL		(0.00)
Note: COMB meter reads were taken on 1/29/2016					

15-16 ENTITLEMENT

CACHUMA OPERATION AND MAINTENANCE BOARD WATER PRODUCTION AND WATER USE REPORT FOR THE MONTH OF **JANUARY 2016** AND THE WATER YEAR TO DATE

(All in rounded Acre Feet)

	MONTH				YTD	
	TOTAL				TOTAL	
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)				646		4,881
Tecolote Tunnel Infiltration				56		252
Glen Anne Reservoir				0		0
Cachuma Lake (County Park)				1		5
State Water Diversion Credit				459		690
Bishop Ranch Diversion				0		0
Meter Reads				123		4,160
So. Coast Storage gain/(loss)				54		13
Total Production				703		5,139
Total Deliveries				636		4,862
Unaccounted-for				68		277
% Unaccounted-for				9.64%		5.38%
	GWD	SB CITY	MWD	CVWD	SYRWCD	TOTAL
WATER USE:						
					I.D. #1	
M&I	0	34	81	0	1	117
Agricultural	0		6	0		6
TOTAL FOR MONTH	0	34	87	0	1	123
Same Mo/prev. yr	0	142	0	5	2	149
M&I Yr to date	1,034	1,635	696	123	5	3,494
Ag. Yr to date	413	0	80	176	0	669
TOTAL YTD	1,447	1,635	776	299	5	4,163
USAGE % YTD	66.7%	37.2%	22.3%	25.7%	8.9%	36.9%
Previous Year/YTD	1,543	882	0	479	7	2,911
Evaporation #	0	0	0	0	0	0
Evaporation, YTD	0	0	0	0	0	0
Entitlement ***	0	0	0	0	0	0
Carryover	2,168	4,399	3,486	1,165	56	11,274
Carryover Balances Spilled YTD	0	0	0	0	0	0
Surplus^^	0	0	0	0	0	0
State Water Exchange^	0	0	0	0	0	0
Transfers/Adjustment #	0	0	0	0	0	0
Transfers/Adjustment ~	0	0	0	0	0	0
Passthrough H2O**	0	0	0	0	0	0
TOTAL AVAILABLE	2,168	4,399	3,486	1,165	56	11,274
REMAINING BALANCE	721	2,764	2,710	866	51	7,111

*** Per USBR advisory letter dated 7/2/2015 to SB County, zero (0) af entitlement allocated.

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

State Water Deliveries for January to Lake Cachuma were: MWD 0 AF; CVWD 54 AF
GWD 200 AF (Morehart 2 AF); City of S.B. 367 AF; and LaCumbre 30 AF: (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 0 AF; MWD received 0 AF;
City of SB received 0 AF; and CVWD received 0 AF from ID#1 in January 2016.

Per USBR email dated 12/23/2015, evap charged to unallocated water.

CACHUMA OPERATION AND MAINTENANCE BOARD

WATER STORAGE REPORT

MONTH: **January 2016**

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	334.00 Feet
Water in Storage	24.31 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	546.70 Feet
Water in Storage	543.75 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	446.40 Feet
Water in Storage	17.64 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	379.80 Feet
Water in Storage	34.57 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	595.97 Acre Feet
	53.96 Acre Feet

CACHUMA RESERVOIR*

Capacity at 750' elevation:	184,121 Acre Feet
Capacity at sill of tunnel 660' elevation:	24,281 Acre Feet

Stage of Reservoir Elevation	665.03 Feet
Water in Storage	28,624 AF
Surface Area	897
Evaporation	93.7 AF
Inflow	282.5 AF
Downstream Release WR8918	0.0 AF
Fish Release (Hilton Creek)	139.5 AF
Outlet	69.5 AF
Spill/Seismic Release	0 AF
State Project Water	645.2 AF
Change in Storage	278 AF
Tecolote Diversion	646.2 AF

Rainfall: Month: 4.03 Season: 6.36 Percent of Normal: 64%

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

Contract Year: 10/1/15 to: 9/30/16

Contract Entity: City of Santa Barbara
 Last updated by C.O.M.B. 1/31/16

Month	Approved Schedule		Carryover Previous Year	WATER USE CHARGED TO CARRYOVER BALANCES				Allocation		WATER USE CHARGED TO CURRENT ENTITLEMENT	
	Current Year	Current Year		Evap	Div	Total	M & I	Agr	M & I	Agr	Total
Oct	0	4399	0	0	667	667	667	667	0	0	0
Nov	0	0	487	0	487	487	487	487	0	0	0
Dec	0	0	447	0	447	447	447	447	0	0	0
Jan	0	0	34	0	34	34	34	34	0	0	0
Feb	0	0	0	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0	0	0	0
Total	0	4399	1,635	0	1,635	1,635	1,635	1,635	0	0	0

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE	
	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	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	0	0	0	0	0	0
May	0	0	0	0	0	0
Jun	0	0	0	0	0	0
Jul	0	0	0	0	0	0
Aug	0	0	0	0	0	0
Sep	0	0	0	0	0	0
Total	0	0	0	0	0	0

Month	SCHEDULE AND REVISIONS	
	M & I	Agr
Begin Bal	4,399	0
Total	4,399	0

Month	REMAINING BALANCES	
	M & I	Agr
Oct	3,732	0
Nov	3,245	0
Dec	2,798	0
Jan	2,764	0
Feb	2,764	0
Mar	2,764	0
Apr	2,764	0
May	2,764	0
Jun	2,764	0
Jul	2,764	0
Aug	2,764	0
Sep	2,764	0
Total	2,764	0

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

Contract Year: 10/1/15 to: 9/30/16

Contract Entity: Santa Ynez River Water Conservation District, ID#1
 Last updated by C.O.M.B. 1/31/16

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES			WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Total	M & I	Agr
Oct	2	0	0	0	2	0	0
Nov	1	0	0	1	1	1	0
Dec	1	0	0	1	1	1	0
Jan	1	0	0	1	1	1	0
Feb	0	0	0	1	1	1	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	5	0			5		

CONVERSIONS

STORAGE WATER		CURRENT SCHEDULE	
M & I	Agr	M & I	Agr
2	-2	0	0
1	-1	0	0
1	-1	0	0
1	-1	0	0

SCHEDULE AND REVISIONS

Total		M & I		Agr	
Begin Bal	56	0	0	56	0
Month					
Oct					0
Nov					0
Dec					0
Jan					0
Feb					0
Mar					0
Apr					0
May					0
Jun					0
Jul					0
Aug					0
Sep					0

COUNTY PARKS

A.F. Used		REMAINING BALANCES	
Month	Total	M & I	Agr
Oct	1.61	0	54
Nov	1.38	0	53
Dec	1.38	0	52
Jan	0.97	0	51
Feb			
Mar			
Apr			
May			
Jun			
Jul			
Aug			
Sep			

*NOTE:

TOTAL 51

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

Contract Entity: Santa Barbara Co. Water Agency
 Last updated by C.O.M.B. 1/31/16

Contract Year: 10/1/15 to: 9/30/16

Month	Approved Schedule Current Year	Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT		
			Use %	M & I	Agri	Evap	Div	Total	M & I	Agri	Total
Oct	0	11274	14.84%	1,385	288	0	1,673	1,385	288	0	
Nov			10.61%	1,002	194	0	1,196	1,002	194	0	
Dec			10.39%	990	181	0	1,171	990	181	0	
Jan			1.08%	116	6	0	122	116	6	0	
Feb				0	0						
Mar				0	0						
Apr				0	0						
May				0	0						
Jun				0	0						
Jul				0	0						
Aug				0	0						
Sep				0	0						
Total	0	11274		3,493	669		4,162				

CONVERSIONS

STORAGE WATER		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
M & I	Agri	M & I	Agri	M & I	Agri
2	-2	0	0	9,668	1,606
1	-1	0	0	0	0
1	-1	0	0	0	0
1	-1	0	0	0	0
Total	0	0	0	9,668	1,606

COUNTY PARKS

Month	A.F. Used		REMAINING BALANCES	
	M & I	Agri	M & I	Agri
Oct	1.61	1,400	8,285	1,400
Nov	1.38	1,205	7,284	1,205
Dec	1.38	1,023	6,295	1,023
Jan	0.97	1,016	6,180	1,016
Feb				
Mar				
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total	9,601	1,400	8,285	1,400

TOTAL 7,112

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

MONTH	DELVRD TO LAKE	CVWD		Evap	MWD		Evap/Spill	Delvd to SC		S.B.	Delvd to Lake		GWD	Evap/Spill	Delvd to SC		LCMWC	Evap/Spill	Delvd to Lake		RSYS	Delvd to SC	MLC	Delvd to SC	
		Delvd to Lake	Stored		Delvd to Lake	Stored		Delvd to Lake	Stored		Delvd to Lake	Stored			Delvd to Lake	Stored			Delvd to Lake	Stored					Delvd to Lake
2015																									
Bal. Frwd	0	0	0	0	0	874	0	0	0	0	0	0	0	0	0	0	609	0	0	0	0	0	0	0	0
January	833	0	0	0	0	765	5	104	363	0	363	470	201	0	269	0	561	3	44	0	0	0	0	0	0
February	789	0	0	0	0	650	7	107	366	0	366	423	492	2	130.1	0	510	5	46	0	0	0	0	0	0
March	1284	170	52	118	0	725	11	195.9	363	0	363	462	444	9	501	0	456	9	5	2	5	5	2	0	2
April	1152	192	130	111	3	807	18	231.4	428	0	428	193	0	11	626	0	434	11	11	5	5	5	3	0	3
May	658	108	139	95	4	762	23	258.7	305	0	305	0	0	0	0	0	413	13	8	5	5	5	3	0	3
June	371	0	50	84	6	507	30	224.7	366	0	366	0	0	0	0	0	390	16	6	0	0	0	5	0	5
July	306	0	0	48	2	186	21	299.6	306	0	306	0	0	0	0	0	368	16	6	0	0	0	0	0	0
August	40	0	0	0	0	0	12	174	35	0	35	0	0	0	0	0	340	24	5	0	0	0	5	0	5
September	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	340	22	13	0	0	0	7	0	7
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	288	15	37	0	0	0	0	0	0
November	60	20	0	0	0	20	0	20	20	0	20	0	0	0	0	0	217	9	63	0	0	0	0	0	0
December	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	5	72	0	0	0	7	0	7
Total	5542	490	0	475.7	14	870	0	128	1616	0	2552	1548	0	21	1526	35	140	149	355	15	0	15	32	0	32

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

MONTH	DELVRD TO LAKE	CVWD		Evap	MWD		Evap/Spill	Delvd to SC		S.B.	Delvd to Lake		GWD	Evap/Spill	Delvd to SC		LCMWC	Evap/Spill	Delvd to Lake		RSYS	Delvd to SC	MLC	Delvd to SC	
		Delvd to Lake	Stored		Delvd to Lake	Stored		Delvd to Lake	Stored		Delvd to Lake	Stored			Delvd to Lake	Stored			Delvd to Lake	Stored					Delvd to Lake
2016																									
Bal. Frwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	0	0	0	0	0	0	0	0
January	653	54	38	16	0	0	0	0	367	0	367	200	136	0	64	30	157	3	10	0	0	0	2	0	2
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	653	54	0	16	0	0	0	0	367	0	367	200	0	0	64	30	0	3	10	0	0	0	2	0	2



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



**Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: **January 2016****

AIS INSPECTION PROGRAM LAUNCH DATA:

Cachuma Lake Recreation Area Launch Data -- January 2016		
Inspection Data		
Total Vessels entering Park	13	
Total Vessels launched	10	
Total Vessels Quarantined	3	0%
Returning with Boat Launch Tag	0	0%
New: Removed from Quarantine	*	
Kayak/Canoe: Inspected, launched	10	100%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Quarantine Data		
Total Vessels Quarantined	3	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	3	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	1	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	3	
Demographic Data		
Quarantined from infected county	1	
Quarantined from SB County	2	
Quarantined from uninfected co	0	

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

Summary: No Dreissenid mussels were detected

Inspection site: Cachuma Lake Marina, Santa Barbara County, California

Inspection Date and Time: 2016.01.21; 10:00am – 13:00pm PDT

Method: 8 PVC/Cement Sampling Stations; 164 linear feet of line

Surveyors: Rosey Bishop (SBCO Parks), Liz Gaspar (Volunteer), Bev Berry (SBCO Camp Host)

Lake elevation: Max feet: 753.00, current: 664.96; Max acre-feet: 193,000, current: 28,561;

Current capacity: 15%