

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

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

Monday, December 21, 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 November 16, 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. **VERBAL REPORTS FROM BOARD COMMITTEES**
Receive verbal information regarding the following committee meetings:
 - Administrative Committee Meeting – December 11, 2015
 - Fisheries Committee Meeting – December 11, 2015
 - Operations Committee Meeting – December 15, 2015
5. **GOVERNMENTAL ACCOUNTING STANDARDS BOARD (GASB) 68 COMPLIANCE**
Receive information regarding the compliance requirement
6. **1ST QUARTER BUDGET ASSESSMENTS – FISCAL YEAR 2015-16**
Receive information regarding the calculation of the 1st quarter budget assessments for fiscal year 2015-2016

7. **NORTH PORTAL SLOPE STABILIZATION PROJECT – PHASE I**
Action: Recommend approval by motion and roll call vote of the Board

8. **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
 - Cachuma Member Unit Managers Meeting
 - Financial
 - Operations Division
 - Fisheries Division

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

10. **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

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

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

13. **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

14. **2016 COMB REGULAR BOARD MEETING CALENDAR**
Receive information regarding the time and place for 2016 Regular Board meetings

15. **DIRECTORS’ REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**

16. **MEETING SCHEDULE**

- **January 25, 2016 at 2:00 P.M., COMB Office**
- **Board Packages Available on COMB Website**
www.cachuma-board.org

17. **COMB ADJOURNMENT**

NOTICE TO PUBLIC

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

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

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

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

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

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

**held at
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, November 16, 2015**

1. Call to Order, Roll Call

The meeting was called to order at 2:00 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	Charles Hamilton
Amy Smith	Fray Crease
Tim Robinson	Tom Fayram
Dave Stewart	William Carter
Phil Walker	Chris Dahlstrom

2. Public Comment

Phil Walker spoke to the reliability of mag meters, the unlikelihood that the predicted El Niño storms will provide rains sufficient to solve the current drought, and the loss of water supply to evaporation. Tom Fayram briefed the Board on items set to go before the Santa Barbara County Board of Supervisors in the coming weeks. President Morgan introduced Ms. Fray Crease to the Board; Ms. Crease will be serving as Interim Manager to the Santa Barbara County Water Agency, filling the position vacated by Matt Naftaly.

3. Consent Agenda

a. Minutes

October 13, 2015 Special Board Meeting
October 19, 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. Director Holcombe requested that, moving forward, certain items on legal invoices be listed to specifically detail exactly what the work is concerning. General Counsel, Mr. Bill Carter, confirmed that he would be as specific as possible when billing his time in the future. Director Walsh thanked COMB

staff for presenting the internal tracking of legal invoices to the Board, and Ms. Janet Gingras, Interim General Manager, assured him that said tracking has been going on “behind-the-scenes” for years. Seconded by Director White, 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

- *Fisheries Committee Meeting – October 23, 2015:* Director Holcombe summarized the agenda, highlighting the major points of discussion for each item. Director Holcombe also spoke to the exploration of a return flow system at Hilton Creek, prompting Janet Gingras, Interim General Manager, to notify the Board that the County would be “taking charge” on such a consideration, and that the topic is planned for discussion at an upcoming meeting.
- *Lake Cachuma Oak Tree Committee Meeting – November 11, 2015:* Director White summarized his positive educational experience on the recent Lake Cachuma Oak Tree Committee fieldtrip, where the Committee was able to appreciate firsthand many of the oak tree planting locations.

5. Resolution No. 609 – Extending Project Expenditure Date for the Emergency Pumping Facilities Project

Ms. Gingras explained to the Board that the funds from the Board-approved project expenditure would be fully expended under normal operation of the Project by March 31, 2016, assuming there is no rainfall. Director Holcombe moved to approve Resolution No. 609; Director Walsh stated he would abstain from voting on the motion. Director Hanson asked, since the Project is structured as a Design, Build, Operate and Maintain (DBOM) project, if there could be a mechanism for establishing a project completion date such that funds expended afterwards could be attributed to the regular operation of facilities; noting that this concept should potentially be an item for further discussion, Director Hanson suggested that the Administrative Committee consider it at some point in the future. Seconded by Director Hanson, the motion carried 6/0/1 as follows:

Ayes: White, Holcombe, Hanson, Morgan

Nays: None

Absent/Abstain: Walsh

6. Interim General Manager’s Report

- *Board Administration*
- *Personnel*
- *Cachuma Member Unit Managers Meeting*
- *Financial*
- *Operations Division*
- *Fisheries Division*

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

7. 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. President Morgan addressed Mr. Stewart about the Division's weekly safety meetings and the possibility of including staff from outside the Division as well.

8. Fisheries Division Report

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

Dr. Tim Robinson, Fisheries Division Manager, noted features as presented in his report in the board packet. Following lengthy discussion on the new emergency back-up for Hilton Creek Watering System (HCWS), Director Holcombe asked Dr. Robinson if there was a project schedule detailing when the emergency back-up system would be complete, tested, and on-line. Dr. Robinson replied that while the system is expected to be fully operational by January 2016, there is no definitive project schedule due to the many variables involved in testing the system. Dr. Robinson also notified the Board of an elevational threshold for the system's operation, to which the lake's elevation is rapidly approaching, adding that he was not privy to how Reclamation would decide to operate the system once the threshold is realized. Director White inquired with Dr. Robinson about what the 'Adaptive Management Committee' is and who is on it; Dr. Robinson recited the members of the committee and pointed out that they had not met in quite some time since the chair of the committee, Reclamation, no longer calls for meetings.

9. Progress Report on Lake Cachuma Oak Tree Program

- *Maintenance and Monitoring*

Dr. Robinson gave a concise review of the status of the project, notifying the Board that Potassium had been introduced in the fertilizer for some deficient trees; additionally, he hopes to begin this year's round of planting, in preparation for California Conservation Corps (CCC) to join the efforts in mid-December and assist with the already-begun planting.

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

Dr. Robinson gave a brief update on the status of the project, advising the Board of two change orders that had arisen to address tree relocation and thicker rock slope protection (required by the County), and further stabilization upstream of the project, respectively. Director Hanson moved approval of Change Orders No. 1 and No. 2. Director Walsh stated that ID No. 1 would vote "no" for the reasons outlined in the District's October 5, 2015 letter to COMB. Tom Fayram asked whether or not the County had charged the \$25,000 encroachment permit fee for the Project; Dr. Robinson replied that they had. President Morgan asked if there was anything Mr. Fayram could do to reduce the fee and Mr. Fayram confirmed that he would see what could be done. Director Holcombe inquired with Dr.

Robinson as to the status of the Flood Area Certificates to be signed by landowners for all projects on Quiota Creek. Dr. Robinson replied he hoped to transmit them for signatures just after Thanksgiving. Seconded by Director Holcombe, the motion carried 6/0/1 as follows:

Ayes: White, Holcombe, Hanson, Morgan

Nays: Walsh

Absent/Abstain: None

11. Monthly Cachuma Project Reports

The September reports were included in the board packet for information. Ms. Gingras informed the Board of a nuance with the calculation of evaporation for the month of October, now that lake levels are so low. Ms. Gingras will include the October reports as soon as she has received guidance from the Bureau on how to proceed. Director Walsh asked if the Bureau would put its decision of how to handle this concern into writing, to which Ms. Gingras assured him they would.

12. Directors' Requests for Agenda Items for Future Meeting

- Director White requested future discussion on where the concept of lengthening Lake Cachuma's useful life fits into COMB's "realm."
- Director White requested future discussion on managing the reservoir's exposure to wildfires and the associated sedimentation.

Following brief deliberation as to whether or not these discussions would take place primarily under COMB charge or elsewhere, Director Holcombe suggested that the Board receive updates on these discussions once they are underway, wherever that may be.

13. [Closed Session]: Conference with Legal Counsel: Existing and Potential Litigation

The Board went into closed session at 3:56 p.m.

- a. [Government Code Section 54956.9(d)(2)]
Name of matter: Alleged Access Rights to Ortega Ridge Road, Ocean View Estates Subdivision

14. 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 4:11 p.m.

- a. Alleged Access Rights to Ortega Ridge Road, Ocean View Estates Subdivision
There was no reportable action.

15. Meeting Schedule

- The next regular Board meeting will be held November 16, 2015 at 2:00 p.m.
- The Agendas and Board Packets are available on the COMB website at www.cachuma-board.org

16. COMB Adjournment

There being no further business, the meeting was adjourned at 4:12 p.m.

Respectfully submitted,

Janet Gingras, Secretary of the Board

APPROVED:

Doug Morgan, President of the Board

COMB
Statement of Net Assets
As of November 30, 2015

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

1210 · WARREN ACT TRUST FUND

344,355.52

1220 · RENEWAL FUND

10,215.61

Total TRUST FUNDS

354,571.13

1050 · GENERAL FUND

216,370.60

1100 · REVOLVING FUND

70,553.11

Total Checking/Savings

641,494.84

Other Current Assets

1010 · PETTY CASH

500.00

1200 · LAIF

768,745.79

1303 · Bradbury SOD Act Assmnts Rec

83,283.00

1304 · Lauro Dam SOD Assesmnt Rec

14,447.00

1315 · Assessments Rec

1,635,935.26

1400 · PREPAID INSURANCE

24,900.72

Total Other Current Assets

2,527,811.77

Total Current Assets

3,169,306.61

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**12,161,290.20**

COMB
Statement of Net Assets
As of November 30, 2015

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

2200 · ACCOUNTS PAYABLE

352,332.05

Total Accounts Payable352,332.05**Other Current Liabilities**

Payroll-DepPrm Admin

194.62

Payroll-DepPrm FD

13.10

Payroll-DepPrm Ops

287.11

2505 · ACCRUED WAGES

31,189.78

2550 · VACATION/SICK

142,912.32

2560 · CACHUMA ENTITLEMENT

-264,155.05

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

854,571.13

Total Other Current Liabilities949,751.67**Total Current Liabilities**

1,302,083.72

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**

10,690,191.79

NET POSITION

3901 · Retained Net Assets

1,158,753.96

Net Income

312,343.50

Total Net Assets1,471,098.41**TOTAL LIABILITIES & NET POSITION**12,161,290.20

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

	Fisheries			Operations			TOTAL		
	Jul - Nov 15	Budget	% of Budget	Jul - Nov 15	Budget	% of Budget	Jul - Nov 15	Budget	% of Budget
Income									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	345,202.00	1,099,077.00	31.41%	2,271,500.00	5,651,050.00	40.2%	2,616,702.00	6,750,127.00	38.77%
3006 - Warren Act	0.00	571,728.00	0.0%	0.00	-3,379,550.00		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			895.65			895.65	0.00	100.0%
3020 - Misc Income	26.25			106.95			133.20	0.00	100.0%
3032 - Grant-QC Crossing #3	0.00	705,205.00	0.0%	0.00	705,205.00		0.00	-705,205.00	0.0%
3033 - Grant-QC Crossing # 0 (a&b)	0.00	671,635.00	0.0%	0.00	671,635.00		0.00	-671,635.00	0.0%
3035 - Cachuma Project Betterment Fund	0.00	90,000.00	0.0%	0.00	90,000.00		0.00	-90,000.00	0.0%
Total 3000 REVENUE	345,228.25	3,137,645.00	11.0%	2,272,502.60	5,651,050.00	40.21%	2,617,730.85	8,788,695.00	29.79%
Total Income	345,228.25	3,137,645.00	11.0%	2,272,502.60	5,651,050.00	40.21%	2,617,730.85	8,788,695.00	29.79%
Gross Profit	345,228.25	3,137,645.00	11.0%	2,272,502.60	5,651,050.00	40.21%	2,617,730.85	8,788,695.00	29.79%
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			243,248.58	815,197.00	29.84%	243,248.58	815,197.00	29.84%
3200 VEH & EQUIPMENT	0.00			8,630.81	30,000.00	28.77%	8,630.81	30,000.00	28.77%
3201 - Vehicle/Equip Mice	0.00			6,298.92	15,000.00	41.99%	6,298.92	15,000.00	41.99%
3202 - Fixed Capital	0.00			921.57	5,000.00	18.43%	921.57	5,000.00	18.43%
3203 - Equipment Rental	0.00			1,314.70	5,000.00	26.29%	1,314.70	5,000.00	26.29%
3204 - Miscellaneous	0.00			17,166.00	55,000.00	31.21%	17,166.00	55,000.00	31.21%
Total 3200 VEH & EQUIPMENT	0.00			243,248.58	815,197.00	29.84%	243,248.58	815,197.00	29.84%
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			500.00	20,000.00	2.5%	500.00	20,000.00	2.5%
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			2,308.00	95,000.00	2.43%	2,308.00	95,000.00	2.43%
Total 3300 - CONTRACT LABOR	0.00			1,808.00	20,000.00	9.04%	1,808.00	20,000.00	9.04%
3400 - MATERIALS & SUPPLIES	0.00			3,675.88	15,000.00	24.51%	3,675.88	15,000.00	24.51%
3401 - Conduit, Meter, Valve & Misc	0.00			1,061.66	10,000.00	10.62%	1,061.66	10,000.00	10.62%
3402 - Buildings & Roads	0.00			4,737.54	90,000.00	5.26%	4,737.54	90,000.00	5.26%
3403 - Reservoirs	0.00			0.00	90,000.00	0.0%	0.00	90,000.00	0.0%
Total 3400 - MATERIALS & SUPPLIES	0.00			3,675.88	15,000.00	24.51%	3,675.88	15,000.00	24.51%
3500 - OTHER EXPENSES	0.00			2,917.74	7,000.00	41.68%	2,917.74	7,000.00	41.68%
3501 - Utilities	0.00			964.80	5,000.00	19.3%	964.80	5,000.00	19.3%
3502 - Uniforms	0.00			7,490.75	18,000.00	41.62%	7,490.75	18,000.00	41.62%
3503 - Communications	0.00			706.50	4,000.00	17.66%	706.50	4,000.00	17.66%
3504 - USA & Other Services	0.00								

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

	Fisheries			Operations			TOTAL		
	Jul - Nov 15	Budget	% of Budget	Jul - Nov 15	Budget	% of Budget	Jul - Nov 15	Budget	% of Budget
3505 · Miscellaneous	0.00	8,000.00	45.39%	3,631.18	8,000.00	45.39%	3,631.18	8,000.00	45.39%
3506 · Training	0.00	3,000.00	2.0%	60.00	3,000.00	2.0%	60.00	3,000.00	2.0%
Total 3500 · OTHER EXPENSES	0.00	45,000.00	35.05%	15,770.97	45,000.00	35.05%	15,770.97	45,000.00	35.05%
4100 · LABOR - FISHERIES	231,521.14	549,994.00	42.1%	0.00	549,994.00	42.1%	231,521.14	549,994.00	42.1%
4200 · VEHICLES & EQUIP - FISHERIES	6,472.57	13,000.00	49.79%	0.00	13,000.00	49.79%	6,472.57	13,000.00	49.79%
4280 · Fixed Capital	692.19	15,000.00	4.62%	0.00	15,000.00	4.62%	692.19	15,000.00	4.62%
4290 · Miscellaneous	1,128.81	2,500.00	45.15%	0.00	2,500.00	45.15%	1,128.81	2,500.00	45.15%
Total 4200 · VEHICLES & EQUIP - FISHERIES	8,293.57	30,500.00	27.19%	0.00	30,500.00	27.19%	8,293.57	30,500.00	27.19%
4220 · CONTRACT LABOR - FISHERIES	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
4221 · Meters & Valves	312.13	40,000.00	0.78%	0.00	40,000.00	0.78%	312.13	40,000.00	0.78%
4222 · Fish Projects Maintenance	312.13	43,000.00	0.73%	0.00	43,000.00	0.73%	312.13	43,000.00	0.73%
Total 4220 · CONTRACT LABOR - FISHERIES	316.73	7,000.00	4.53%	0.00	7,000.00	4.53%	316.73	7,000.00	4.53%
4300 · MATERIALS/SUPPLIES - FISHERIES	189.35	2,500.00	7.57%	0.00	2,500.00	7.57%	189.35	2,500.00	7.57%
4390 · Miscellaneous	189.35	2,500.00	7.57%	0.00	2,500.00	7.57%	189.35	2,500.00	7.57%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	189.35	2,500.00	7.57%	0.00	2,500.00	7.57%	189.35	2,500.00	7.57%
4500 · OTHER EXPENSES - FISHERIES	0.00	2,000.00	23.75%	474.99	2,000.00	23.75%	474.99	2,000.00	23.75%
4502 · Uniforms	0.00	11,000.00	42.36%	4,659.20	11,000.00	42.36%	4,659.20	11,000.00	42.36%
Total 4500 · OTHER EXPENSES - FISHERIES	0.00	13,000.00	39.49%	5,134.19	13,000.00	39.49%	5,134.19	13,000.00	39.49%
4999 · GENERAL & ADMINISTRATIVE	0.00	100,000.00	13.31%	13,306.43	100,000.00	13.31%	13,306.43	100,000.00	13.31%
5000 · Director Fees	0.00	20,000.00	4.23%	845.00	20,000.00	4.23%	845.00	20,000.00	4.23%
5001 · Director Mileage	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
5000 · Director Fees - Other	0.00	42,705.00	94.83%	40,497.60	42,705.00	94.83%	40,497.60	42,705.00	94.83%
Total 5000 · Director Fees	0.00	180,093.00	38.71%	69,721.34	180,093.00	38.71%	69,721.34	180,093.00	38.71%
5100 · Legal	0.00	58,420.00	31.1%	18,165.49	58,420.00	31.1%	18,165.49	58,420.00	31.1%
5101-1 · Audit	0.00	20,754.00	28.5%	5,915.78	20,754.00	28.5%	5,915.78	20,754.00	28.5%
5150 · Unemployment Tax	0.00	4,854.00	33.27%	1,615.14	4,854.00	33.27%	1,615.14	4,854.00	33.27%
5200 · Liability Insurance	0.00	100,750.00	22.63%	22,802.10	100,750.00	22.63%	22,802.10	100,750.00	22.63%
5201 · Health & Workers Comp	0.00	87,750.00	46.27%	40,598.23	87,750.00	46.27%	40,598.23	87,750.00	46.27%
5250 · PERS	0.00	42,250.00	42.29%	17,866.31	42,250.00	42.29%	17,866.31	42,250.00	42.29%
5260 · Company FICA Admin	0.00	45,500.00	47.51%	21,616.76	45,500.00	47.51%	21,616.76	45,500.00	47.51%
5265 · Company MCARE Admin	0.00	8,000.00	26.81%	2,144.45	8,000.00	26.81%	2,144.45	8,000.00	26.81%
5300 · Manager Salary	0.00	8,000.00	37.91%	3,032.83	8,000.00	37.91%	3,032.83	8,000.00	37.91%
5301 · Administrative Manager	0.00	10,790.00	45.39%	4,897.79	10,790.00	45.39%	4,897.79	10,790.00	45.39%
5303 · Admin Assistant I	0.00	8,500.00	36.48%	3,100.96	8,500.00	36.48%	3,100.96	8,500.00	36.48%
5306 · Administrative Assistant III	0.00	9,737.00	47.62%	4,637.18	9,737.00	47.62%	4,637.18	9,737.00	47.62%
5310 · Postage/Office Exp	0.00	8,000.00	92.06%	7,364.50	8,000.00	92.06%	7,364.50	8,000.00	92.06%
5311 · Office Equip/Leases	0.00	8,000.00	92.06%	7,364.50	8,000.00	92.06%	7,364.50	8,000.00	92.06%
5312 · Misc Admin Expenses	0.00	8,000.00	92.06%	7,364.50	8,000.00	92.06%	7,364.50	8,000.00	92.06%
5313 · Communications	0.00	8,000.00	92.06%	7,364.50	8,000.00	92.06%	7,364.50	8,000.00	92.06%
5314 · Utilities	0.00	8,000.00	92.06%	7,364.50	8,000.00	92.06%	7,364.50	8,000.00	92.06%
5315 · Membership Dues	0.00	8,000.00	92.06%	7,364.50	8,000.00	92.06%	7,364.50	8,000.00	92.06%

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

	Fisheries				Operations				TOTAL			
	Jul - Nov 15	Budget	\$ Over Budget	% of Budget	Jul - Nov 15	Budget	\$ Over Budget	% of Budget	Jul - Nov 15	Budget	\$ Over Budget	% of Budget
5316 · Admin Fixed Assets	0.00				0.00	4,000.00	-4,000.00	0.0%	0.00	4,000.00	-4,000.00	0.0%
5318 · Computer Consultant	0.00				6,020.37	15,000.00	-8,979.63	40.14%	6,020.37	15,000.00	-8,979.63	40.14%
5321 · Administrative Consultant	0.00				6,526.80	16,250.00	-9,723.20	40.17%	6,526.80	16,250.00	-9,723.20	40.17%
5325 · Emp Training/Subscriptions	0.00				0.00	2,000.00	-2,000.00	0.0%	0.00	2,000.00	-2,000.00	0.0%
5330 · Admin Travel/Conferences	0.00				169.57	2,000.00	-1,830.43	8.48%	169.57	2,000.00	-1,830.43	8.48%
5331 · Public Information	0.00				181.21	1,000.00	-818.79	18.12%	181.21	1,000.00	-818.79	18.12%
5352 · Program Analyst	0.00				0.00	42,250.00	-42,250.00	0.0%	0.00	42,250.00	-42,250.00	0.0%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00	856,603.00	-560,442.97	34.57%	296,160.03	856,603.00	-560,442.97	34.57%	296,160.03	856,603.00	-560,442.97	34.57%
5400 · GENERAL & ADMIN - FISHERIES												
5401 · Health & Workers Comp.	12,054.01	44,184.00	-32,129.99	27.28%	0.00				12,054.01	44,184.00	-32,129.99	27.28%
5402 · CAIPERS	9,781.41	31,457.00	-21,675.59	31.1%	0.00				9,781.41	31,457.00	-21,675.59	31.1%
5403 · Company Fica	2,716.93	11,175.00	-8,458.07	24.31%	0.00				2,716.93	11,175.00	-8,458.07	24.31%
5405 · GM Salary	12,278.04	54,250.00	-41,971.96	22.63%	0.00				12,278.04	54,250.00	-41,971.96	22.63%
5406 · Company MCare	760.05	2,614.00	-1,853.95	29.08%	0.00				760.05	2,614.00	-1,853.95	29.08%
5407 · Legal - FD	47,092.60	25,000.00	22,092.60	188.37%	0.00				47,092.60	25,000.00	22,092.60	188.37%
5408 · Administrative Manager	21,860.59	47,250.00	-25,389.41	46.27%	0.00				21,860.59	47,250.00	-25,389.41	46.27%
5409 · Administrative Assistant III	11,639.78	24,500.00	-12,860.22	47.51%	0.00				11,639.78	24,500.00	-12,860.22	47.51%
5410 · Postage / Office Supplies	1,080.49	3,000.00	-1,919.51	36.02%	0.00				1,080.49	3,000.00	-1,919.51	36.02%
5411 · Office Equipment / Leases	1,633.00	5,218.00	-3,585.00	31.3%	0.00				1,633.00	5,218.00	-3,585.00	31.3%
5412 · Misc. Admin Expense	1,753.42	5,810.00	-4,056.58	30.18%	0.00				1,753.42	5,810.00	-4,056.58	30.18%
5413 · Communications	1,910.53	4,305.00	-2,394.47	44.38%	0.00				1,910.53	4,305.00	-2,394.47	44.38%
5414 · Utilities	2,496.93	5,243.00	-2,746.07	47.62%	0.00				2,496.93	5,243.00	-2,746.07	47.62%
5415 · Membership Dues	3,965.50	4,000.00	-34.50	99.14%	0.00				3,965.50	4,000.00	-34.50	99.14%
5416 · Admin Fixed Assets	0.00	4,000.00	-4,000.00	0.0%	0.00				0.00	4,000.00	-4,000.00	0.0%
5418 · Computer Consultant	3,241.72	5,000.00	-1,758.28	64.83%	0.00				3,241.72	5,000.00	-1,758.28	64.83%
5421 · Administrative Consultant	3,514.43	8,750.00	-5,235.57	40.17%	0.00				3,514.43	8,750.00	-5,235.57	40.17%
5425 · Employee Education/Subscription	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
5426 · Director Fees	2,508.80	6,000.00	-3,491.20	41.81%	0.00				2,508.80	6,000.00	-3,491.20	41.81%
5427 · Director Mileage	255.78	1,000.00	-744.22	25.58%	0.00				255.78	1,000.00	-744.22	25.58%
5430 · Travel	76.49	2,500.00	-2,423.51	3.06%	0.00				76.49	2,500.00	-2,423.51	3.06%
5431 · Public Information	97.58	1,500.00	-1,402.42	6.51%	0.00				97.58	1,500.00	-1,402.42	6.51%
5441 · Audit	455.00	6,300.00	-5,845.00	7.22%	0.00				455.00	6,300.00	-5,845.00	7.22%
5443 · Liab & Property Ins	21,806.40	21,595.00	211.40	100.98%	0.00				21,806.40	21,595.00	211.40	100.98%
5451 · Admin Assistant I	9,620.32	22,750.00	-13,129.68	42.29%	0.00				9,620.32	22,750.00	-13,129.68	42.29%
5452 · Program Analyst	0.00	22,750.00	-22,750.00	0.0%	0.00				0.00	22,750.00	-22,750.00	0.0%
Total 5400 · GENERAL & ADMIN - FISHERIES	172,599.80	372,651.00	-200,051.20	46.32%	0.00	372,651.00	-200,051.20	46.32%	172,599.80	372,651.00	-200,051.20	46.32%
5510 · Integrated Reg. Water Mgt Plan												
6000 · SPECIAL PROJECTS	0.00				1,352.00	5,000.00	-3,648.00	27.04%	1,352.00	5,000.00	-3,648.00	27.04%
6062 · SCADA	0.00				407.09	25,000.00	-24,592.91	1.63%	407.09	25,000.00	-24,592.91	1.63%
6090 · COMB Office Building	0.00				2,760.83	290,000.00	-287,239.17	0.95%	2,760.83	290,000.00	-287,239.17	0.95%
6096 · SCC Structure Rehabilitation	0.00				386.99	240,000.00	-239,613.01	0.16%	386.99	240,000.00	-239,613.01	0.16%
6097 · GIS and Mapping	0.00				2,950.00	10,000.00	-7,050.00	29.5%	2,950.00	10,000.00	-7,050.00	29.5%
6105 · ROW Management Program	0.00				13,743.25	20,000.00	-6,256.75	68.72%	13,743.25	20,000.00	-6,256.75	68.72%
6109 · NP Jet Flow Control Valve	0.00				874.80	0.00	874.80	0.0%	874.80	0.00	874.80	100.0%
6111 · Mission Crk Pipe Temp Repair	0.00				55,080.41	60,000.00	-4,919.59	91.8%	55,080.41	60,000.00	-4,919.59	91.8%
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%

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

	Fisheries				Operations				TOTAL			
	Jul - Nov 15	Budget	\$ Over Budget	% of Budget	Jul - Nov 15	Budget	\$ Over Budget	% of Budget	Jul - Nov 15	Budget	\$ Over Budget	% of Budget
6120 · Emergency Pumping Fac Project	0.00				536,674.95	2,709,250.00	-2,172,575.05	19.81%	536,674.95	2,709,250.00	-2,172,575.05	19.81%
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				0.00	50,000.00	-50,000.00	0.0%	0.00	50,000.00	-50,000.00	0.0%
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	50,000.00	-50,000.00	0.0%	0.00	50,000.00	-50,000.00	0.0%
Total 6000 · SPECIAL PROJECTS	0.00			16.61%	612,878.32	3,689,250.00	-3,076,371.68	16.61%	612,878.32	3,689,250.00	-3,076,371.68	16.61%
6200 · FISHERIES ACTIVITIES												
6201 · FMP Implementation	7,930.41	100,000.00	-92,069.59	7.93%	0.00				7,930.41	100,000.00	-92,069.59	7.93%
6202 · GIS and Mapping	1,130.40	10,000.00	-8,869.60	11.3%	0.00				1,130.40	10,000.00	-8,869.60	11.3%
6203 · Grants Technical Support	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
6204 · SYR Hydrology Technical Support	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	37,500.00	77,000.00	-39,500.00	48.7%	0.00				37,500.00	77,000.00	-39,500.00	48.7%
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	5,096.82	100,000.00	-94,903.18	5.1%	0.00				5,096.82	100,000.00	-94,903.18	5.1%
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	53,240.20	312,000.00	-258,759.80	17.06%	0.00				53,240.20	312,000.00	-258,759.80	17.06%
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)	13,423.12	810,000.00	-796,576.88	1.66%	0.00				13,423.12	810,000.00	-796,576.88	1.66%
6313 · Quiota Creek Crossing 3	625,366.28	930,000.00	-304,633.72	67.24%	0.00				625,366.28	930,000.00	-304,633.72	67.24%
6314 · Quiota Creek Crossing 4	1,073.03	30,000.00	-28,926.97	3.58%	0.00				1,073.03	30,000.00	-28,926.97	3.58%
6315 · Quiota Creek Crossing 8	5,430.44	30,000.00	-24,569.56	18.1%	0.00				5,430.44	30,000.00	-24,569.56	18.1%
Total 6300 · HABITAT ENHANCEMENT	645,292.87	1,820,000.00	-1,174,707.13	35.46%	0.00				645,292.87	1,820,000.00	-1,174,707.13	35.46%
Total Expense	1,111,765.79	3,137,645.00	-2,025,879.21	35.43%	1,193,621.56	5,651,050.00	-4,457,428.44	21.12%	2,305,387.35	8,788,695.00	-6,483,307.65	26.23%
Net Income	-766,537.54	0.00	-766,537.54	100.0%	1,078,881.04	0.00	1,078,881.04	100.0%	312,343.50	0.00	312,343.50	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
December 07,
2015

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PIA Average Monthly Yields

Tran Type Definitions

November 2015 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
11/3/2015	11/2/2015	RW	1484431	JANET GINGRAS	-164,000.00
11/10/2015	11/9/2015	RW	1484896	JANET GINGRAS	-400,000.00

Account Summary


Total Deposit:	0.00	Beginning Balance:	1,332,745.79
Total Withdrawal:	-564,000.00	Ending Balance:	768,745.79

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 November, 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

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DEC 07 2015

CACHUMA O & M BOARD

000434

CACHUMA OPERATION AND MAINTENANCE BOARD
RENEWAL FUND ACCOUNT 30
3301 LAUREL CANYON RD 0
SANTA BARBARA CA 93105 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 10/30/15	10,215.61
MINIMUM BALANCE	10,215.61	CREDITS	.00
AVG AVAILABLE BALANCE	10,215.61	DEBITS	.00
AVERAGE BALANCE	10,215.61	THIS STATEMENT 11/30/15	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 November, 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

008 00001 00 PAGE: 1
 ACCOUNT: XXXXXXXXXXXX1543 11/30/2015
 DOCUMENTS: 0

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CACHUMA O & M BOARD

000436

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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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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MINIMUM BALANCE	344,355.52	LAST STATEMENT 10/30/15	344,355.52
AVG AVAILABLE BALANCE	344,355.52	CREDITS	.00
AVERAGE BALANCE	344,355.52	DEBITS	.00
		THIS STATEMENT 11/30/15	344,355.52

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 November, 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

Date	Num	Name	Memo	Amount
1050 - GENERAL FUND				
11/05/2015	24053	Business Card	Business cards/anniversary gift cards (SK/TR)	-116.03
11/09/2015	24054	A-OK Power Equipment	Chain saws/chains/carry case/saw guard (Ops Div)	-1,052.24
11/09/2015	24055	Assoc. of California Water Agencies	2016 Agency Dues	-11,030.00
11/09/2015	24056	Association of Ca Water Agencies/JPIA	Dec Health Benefits coverage	-24,171.18
11/09/2015	24057	AT&T	Oct charges	-368.21
11/09/2015	24058	Cardno, Inc.	BO Compliance & Support-Sep (Fish Div)	-340.16
11/09/2015	24059	City of Santa-Barbara	Trash/Recycle-Oct 2015	-217.82
11/09/2015	24061	Crop Production Services, Inc	Soil-oak tree program (Fish Div)	-64.53
11/09/2015	24062	DMV Renewal	Special equip-water trailer/air compressor	-50.00
11/09/2015	24064	ECHO Communications	Monthly answering service	-62.00
11/09/2015	24065	Filippin Engineering, Inc.	Construction/Source inspection-QC Xng #3	-666.00
11/09/2015	24066	Harrison Hardware	Cement/pvc/adapters-oak trees; mat/supp-Xng #3	-47.26
11/09/2015	24067	Harwood White	Oct mtg fees	-265.54
11/09/2015	24068	HDR Engineering, Inc.	EPFP services-Jul, Sep, Oct (Ops Div)	-25,041.95
11/09/2015	24069	Home Depot Credit Services	Mat's SP-Lauro res road repair/veh mtce supp (Ops	-1,535.33
11/09/2015	24070	J&C Services	Ofc cleaning services 10/2,10/9,10/16,10/23	-600.00
11/09/2015	24071	Kenneth A. Knight, Consulting	Oak Tree Program-Aug, Sep, Oct (Fish Div)	-2,600.00
11/09/2015	24072	Kevin D. Walsh	Oct mtg fees	-642.43
11/09/2015	24073	Lauren W. Hanson	Oct mtg fees	-401.25
11/09/2015	24074	Milpas Rental	Chipper rental (Ops Div)	-221.72
11/09/2015	24075	Nestle Pure Life Direct	5 gal disp. for Ops crew (part of PPE criteria)	-137.67
11/09/2015	24076	O'Reilly Automotive, Inc.	Oil/batteries (Ops Div)	-17.26
11/09/2015	24077	Paychex, Inc.	10/9, 10/23 payrolls/taxes/deliveries	-347.25
11/09/2015	24078	Peter Lapidus Construction, Inc.	Quiota Creek Xng 3 progress payment	-249,025.00
11/09/2015	24079	Polly Holcombe	Oct mtg fees	-544.54
11/09/2015	24080	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-66.38
11/09/2015	24081	Prudential Overall Supply	Mats/scrapers-Oct	-100.56
11/09/2015	24082	SB Home Improvement Center	Tools/misc for truck supply stock (Fish Div)	-360.25
11/09/2015	24083	Scott Volan	Reimb-Mileage/refreshments-QC Xng 3	-275.90
11/09/2015	24084	Southern California Edison	Main office/outlying stations	-1,199.12
11/09/2015	24085	Staples Contract and Commercial, Inc.	Office supplies	-245.82
11/09/2015	24086	SWRCB-DWOCP	D2 Distribution renewal (SK)	-60.00
11/09/2015	24087	SWRCB Fees	Annual fee-waste discharge permit-Ortega Res	-2,037.00
11/09/2015	24088	Underground Service Alert of So. Calif.	56 Ticket charges	-84.00
11/09/2015	24089	Verizon California	Main office/outlying stations	-1,097.87
11/09/2015	24090	W. Douglas Morgan	Oct mtg fees	-558.00
11/09/2015	24091	Winema Industrial & Safety Supply	Industrial Scientific MX4 Ventis w/pump (Ops Div)	-1,260.90
11/09/2015	24092	Wright Express Fleet Services	Fleet fuel	-2,100.04
11/09/2015	24093	County of Santa--Barbara	Dump runs (Oct invoices)	-96.42
11/09/2015	24094	Cox Communications	Business internet-Nov	-195.00
11/09/2015	24095	Crocker Refrigeration Heating & Air	HVAC repair-main mobile office-wire repairs	-110.67
11/10/2015	24097	CONTECH Engineered Solutions, LLC	Bridge-Quiota Creek Xng 3 (Fish Div)	-184,899.61
11/10/2015	24098	Culligan of Sylmar	Monthly RO system-Nov	-24.95
11/10/2015	24099	Dudek	Mission Creek Engineering services-Sep	-5,110.00
11/10/2015	24100	Premiere Global Services	Conf calls-Oct	-118.63
11/10/2015	24101	Southern California Edison	Outlying stations	-52.81
11/10/2015	24102	Verizon Wireless	Modems	-152.06
11/18/2015	24103	Big Brand Tire Company	Tires/balancing-water trailer mtce	-965.75
11/18/2015	24104	Carpinteria Valley Lumber Company	Misc tools/supplies (Ops Div)	-38.06
11/18/2015	24105	Coastal Copy, LP	Copier mtce agmts	-187.29
11/18/2015	24106	Cushman Contracting Corp.	Emerg Pumping System: Pay Req#18-Phase II	-98,000.01
11/18/2015	24107	Musick, Peeler & Garrett LLP	General Counsel-CalTrout Sep services	-6,701.32
11/18/2015	24108	Pacific Coast Jiffy Lube	Oil change/service '03 Ford 150/'09 Ford F150	-167.00

comb2
Paid Claims
 As of November 30, 2015

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
11/18/2015	24109	Southern California Edison	Outlying station	-28.93
11/18/2015	24110	The Bank of Santa Barbara	Loan interest pymt #16-Nov	-6,720.06
11/18/2015	24111	Total Compensation Systems, Inc.	GASB45 Valuation services-1st installment	-1,300.00
11/18/2015	24112	Trenchalk Network Services, Inc.	IT services-Oct	-913.50
11/18/2015	24113	Verizon Wireless	Cellular/modems/USB's	-708.63
11/18/2015	24114	Northern Safety Co. Inc.	Safety toe rain boots (Ops Div)	-718.28
11/19/2015	24115	Fugro Consultants, Inc.	Xng 3-Concrete, construction materials testing; engineering services-Oct (Fish Div)	-8,778.65
11/19/2015	24116	PG&E	Tecolote Tunnel/North Portal electricity	-349.17
11/19/2015	24117	Branch Out Tree Care, Inc.	Clear branches for crane Xng 3 (Fish Div)	-875.00
11/23/2015	24118	Bureau of Reclamation	1st Period Entitlement 10/1/15-4/1/16	-419,495.21
Total 1050 · GENERAL FUND				<u>-1,065,718.22</u>
TOTAL				<u>-1,065,718.22</u>

APPROVED FOR PAYMENT

_____ Director

_____ Director

_____ Director

FINANCE COMMITTEE

comb2
Pending Claims for Payment

As of November 30, 2015

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Memo</u>	<u>Due Date</u>	<u>Amlunt Due</u>
Musick, Peeler & Garrett LLP					
Bill	11/13/2015	288411	General Counsel-CalTrout-Oct	12/13/2015	55.00
Bill	11/13/2015	288407	General Counsel-Various-Oct	12/13/2015	10,149.28
Total Musick, Peeler & Garrett LLP					<u>10,204.28</u>

TOTAL

TOTAL CLAIMS PENDING PAYMENT NOV

\$ 10,204.28

APPROVED FOR PAYMENT

_____ Director

_____ Director

_____ Director

FINANCE COMMITTEE

CACHUMA OPERATION & MAINTENANCE BOARD

Administrative Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Friday, December 11, 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. GASB (Governmental Accounting Standards Board) 68 Compliance *(for information)*
4. 1st Quarter Budget Assessments (FY 2015-16) *(for information)*
5. Draft Director Handbook *(for review)*
6. Accounting for Project Costs *(for discussion)*
7. 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

Fisheries Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Friday, December 11, 2015
11:30 AM

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. Hilton Creek Update (*for information*)
 - Fish Relocation Operation
 - Return-Flow System
4. Overview of Fisheries Project Costs To Date (*for information*)
5. Quiota Creek Crossing No. 8 – Justification & Grant Process Update (*for information*)
6. Landowner Flood Certification Status (*for information*)
7. Additional Monitoring Efforts (*for information*)
8. Annual Monitoring Reports (AMRs)
 - 2012 AMR (*for review*)
 - Proposed Schedule for Completion of 2013, 2014, & 2015 AMRs (*for information*)
9. Adjournment

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

CACHUMA OPERATION & MAINTENANCE BOARD

Operations Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Tuesday, December 15, 2015
11:00 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*)
4. Infrastructure Improvement Plan (IIP) Projects Overview (*for information or approval*)
 - North Portal Slope Stabilization
 - South Portal Slope Stabilization
 - SCADA Server
5. AECOM Meeting (*for information*)
6. Spool Design - HDR Engineering (*for information*)
7. Projects Adjacent to South Coast Conduit (*for information*)
8. 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

BOARD MEMORANDUM

Date:	December 21, 2015
Submitted by:	Janet Gingras

SUBJECT: **GASB 68 Compliance** *(for information)*

SUMMARY

In June 2012, the Governmental Accounting Standards Board (GASB) issued two new standards that substantially changed the accounting and financial reporting of public employee pension plans and the state and local governments that participate in such plans. GASB Statement No. 67, *Financial Reporting for Pension Plans* revises existing guidance for the financial reports of most governmental pension plans. GASB Statement No. 68, *Accounting and Financial Reporting for Pensions* revises and establishes new financial reporting requirements for most governments that provide their employees with pension benefits. GASB Statement No. 67 is applicable to CalPERS and effective for financial statements for fiscal years beginning after June 15, 2013. GASB Statement No. 68 is applicable to employers and effective for financial statements for fiscal years beginning after June 15, 2014.

GASB Statement No. 68 requires employers to recognize a liability as employees earn their pension benefits. To the extent that a long-term obligation to provide pension benefits (total pension liability) is larger than the value of the assets available in the plan (fiduciary net position) to pay pension benefits, the employers must report a net pension liability on the employer's accrual-based financial statements for the first time.

A cost-sharing multiple-employer plan (cost-sharing plan) is one in which the participating employers pool their assets and their obligations to provide defined pension benefits, such as employers participating in risk pools. Under the new GASB standards, each participating cost-sharing employer is required to report its proportionate share of the collective net pension liability, pension expense, and deferred outflows/deferred inflows of resources in their financial statements.

GASB 68 ACCOUNTING VALUATION REPORT

Prepared for the CACHUMA OPERATION AND MAINTENANCE BOARD – MISCELLANEOUS PLAN
 Prepared as of the Measurement Date of June 30, 2014

	Increase (Decrease)		
	Plan Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Plan Net Pension Liability/(Asset) (c) = (a) - (b)
Balance at: 6/30/2013 (VD)	\$ 5,795,789	\$ 4,304,813	\$ 1,490,976
Balance at: 6/30/2014 (MD)	\$ 6,140,694	\$ 5,020,380	\$ 1,120,314
Net Changes during 2013-14	\$ 344,905	\$ 715,567	\$ (370,662)

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability/(asset) of the Plan as of the measurement date, calculated using the discount rate of 7.50 percent, as well as what the net pension liability/(asset) would be if it were calculated using a discount rate that is 1 percentage-point lower (6.50 percent) or 1 percentage-point higher (8.50 percent) than the current rate:

	Discount Rate - 1% (6.50%)	Current Discount Rate (7.50%)	Discount Rate + 1% (8.50%)
Plan's Net Pension Liability/(Asset)	\$ 1,934,956	\$ 1,120,314	\$ 444,239

FISCAL IMPACTS:

The audited financial statements for FY 2014-15 will reflect a pension liability of \$1,120,314 based on the CalPERS Accounting Valuation Report prepared for COMB. (*Measurement Date of June 30, 2014*) Additional detailed information concerning this entry will be forthcoming during the audit presentation in January.

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

The Administrative Committee received information on this item at the meeting on December 11th.

RECOMMENDATION:

None at this time.

LIST OF AVAILABLE EXHIBITS:

1. GASB 68 Accounting Valuation Report prepared for COMB (*measurement date of June 30,2014*)

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 21, 2015
Submitted by:	Janet Gingras

SUBJECT: 1st Quarter Budget Assessments – Fiscal Year 2015-16

SUMMARY

This item is for information purposes and was reviewed in detail at the Administrative Committee meeting held on Friday, December 11th. Provided for Board information is the background pertaining to the calculation of the Fiscal Year 2015-16 1st Quarter Budget assessment.

The 1st Quarter Budget assessment included the normal quarterly budget assessment for fiscal year ending (FYE) 2016, a credit for FYE 2014 unexpended funds, a credit for one-quarter of the Office Building budget line item (until Board approval occurs), and FYE 2015 3rd and 4th quarter interest on the EPFP loan (for applicable agencies).

The unexpended funds were calculated as shown in the table below:

Cachuma Operation & Maintenance Board				
Constructive Return				
FY 2013-14	Fisheries		Operations	Totals
Revenue	\$2,102,063		\$3,369,100	\$5,471,163
Expenses	\$1,880,992		\$3,499,102	\$5,380,093
Net Income <i>(Balances with</i>	\$221,072		-\$130,002	\$91,069
Depreciation			-\$77,213	-\$77,213
Fixed Capital	\$14,234		\$6,111	\$20,345
OPEB Net			-\$163,228	-\$163,228
<i>Non Cash Adjustments</i>	\$14,234		-\$234,330	-\$220,096
Expenses	\$1,880,992		\$3,499,102	\$5,380,093
<i>Adjusted Expenses</i>	\$1,895,226		\$3,264,772	\$5,159,998
Revenue	\$2,102,063		\$3,369,100	\$5,471,163
Adjusted Expenses	-\$1,895,226		-\$3,264,772	-\$5,159,998
Constructive Return	\$206,837		\$104,328	\$311,165
	%	%		
GWD	\$74,979	40.42%	\$42,166	\$117,145
City of SB	\$66,581	35.89%	\$37,444	\$104,025
CVWD	\$22,628	12.20%	\$12,725	\$35,354
MWD	\$21,325	11.50%	\$11,993	\$33,318
SYRWCD ID#1	\$21,325	0%	\$0	\$21,325
	\$206,837	100.00%	\$104,328	\$311,166

COMB FY 2015-16 1st Quarter Budget Assessment

	1st Qtr	FY 2013-14	FY 2015-16	FY 2014-15	FY 2014-15	FY 2015-16
	FY 2015-16	Const Return	Office Bldg	EPFP Assessment	3rd & 4th Qtr	Total 1st Qtr
			Project (\$75k)/qtr	Reconciliation	Loan Interest	Assessment
GWD	\$647,329	-\$117,145	-\$27,188		\$16,036	\$519,032
City of SB	\$564,269	-\$104,025	-\$24,143	-\$254,696		\$181,406
CVWD	\$196,077	-\$35,354	-\$8,205		\$4,836	\$157,355
MWD	\$184,896	-\$33,318	-\$7,733		\$4,582	\$148,427
SYRWCD ID#1	\$36,211	-\$21,325	-\$7,733			\$7,154
Totals	\$1,628,782	-\$311,166	-\$75,000	-\$254,696	\$25,453	\$1,013,373

During the fiscal year 2015-16 budget meeting in May, the Board agreed to delay the assessment of the office building replacement project until such time that the project is approved by the Board. It is anticipated the office building project will be presented for approval in the spring of 2016. One quarter of the budgeted amount of \$300,000 was credited to the Member Agencies.

The assessments collected in fiscal year 2014-15 included estimated funding for the Emergency Pumping Facilities Project. Three of the four South Coast Member agencies utilized loan proceeds for funding the project during fiscal year 2014-15. The City of Santa Barbara did not participate in the loan. COMB collected assessments based on the estimated costs of the project for that fiscal year. The actual expenses were less than anticipated; therefore a credit was owed to the City for over-collection of quarterly assessments and to equitably balance participation in actual project expenses. Hence, the credit displayed above is over-collected assessments returned to the City. EPFP Loan interest for the 3rd and 4th quarter of FYE 2015 was also collected in the 1st quarter budget assessment.

FISCAL IMPACTS:

Stated above.

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

The Administrative Committee received information on the item at the meeting on December 11th.

RECOMMENDATION:

None at this time.

LIST OF EXHIBITS:

N/A

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 21, 2015
Submitted by:	Dave Stewart
Approved by:	Janet Gingras

SUBJECT: North Portal Slope Stabilization Project – Phase I

SUMMARY:

The Lake Cachuma intake tower is accessed by a paved road off of State Highway 154. The access road is used by COMB personnel several times a month to maintain the North Portal Intake Tower site, with the periodic use of outside contractors. A right-hand bend exists near the end of the access road which skirts a steep drop off. During the past several years, weather and erosion has significantly destabilized the embankment directly adjacent to that portion of the access road.

In 2002, attempts were made by COMB personnel to improve the stability of the hillside adjacent to the road and, although these attempts temporarily extended the life of the access road, it has once again eroded to the point that it poses potentially unsafe working conditions. Furthermore, the current condition of the road poses an immediate concern due to the forecasted El Niño event and associated heavy rainfall. In the potential event of a landslide at this point of the access road, the ability of accessing the North Portal intake structure by vehicle would be eliminated, crippling the ability for staff to conduct scheduled maintenance or any possible emergency work needed to ensure continuous water supply from Lake Cachuma.

COMB staff recommends a two-phase project. Phase I would be realigning the access road twenty (20) feet into the existing bank and laying back the slope at a 1½ to 1 ratio of decline. This will require the excavation and removal of approximately 10,000 cubic yards of material. After conducting contractor site visits, staff requested and received proposals from four contractors. Staff recommends Granite Construction Company perform the work for Phase I on a time-and-materials basis.

Phase II will include the necessary paving and erosion control on the road. COMB staff recommends this work be undertaken following completion of Phase I, once it is determined the extent of paving and erosion control needed. At that time, bids will be solicited from contractors experienced in paving.

FISCAL IMPACTS:

This project is listed as a priority in the Infrastructure Improvement Plan (IIP) and was budgeted for *design* costs of \$50,000 for the current fiscal year. The South Portal Slope Stabilization Project was also budgeted \$50,000 for design costs; however, the South Portal Slope Stabilization Project will be accomplished by purchasing and installing additional K-rails for under \$10,000. This leaves an available transfer of up to \$40,000 for the North Portal Slope Stabilization Project.

Staff recommends transferring \$40,000 from the South Portal Slope Stabilization Project to the North Portal Slope Stabilization Project in order to provide funding for construction – including contingencies – as well as any initial erosion control and paving of the road that can be accomplished for up to \$90,000.

RECOMMENDATION:

The Board of Directors approves:

- 1) A budget transfer from the South Portal Slope Stabilization budget line item in the amount of \$40,000 to the North Portal Slope Stabilization budget line item for construction of the project.
- 2) Authorize the Interim General Manager to execute a contract with Granite Construction Company for construction of the North Portal Slope Stabilization project in an amount up to \$75,000, which includes funds for contingencies.

LIST OF EXHIBITS:

- 1) Granite Construction Company Proposal for the North Portal Slope Stabilization Project.

GRANITE CONSTRUCTION COMPANY
COMB Cachuma Intake Tower Access Road
Summary

Item No.	Description	Total
1	Mob/Demob	5,604
2	Water pollution control plan and measures	3,715
3	Clearing	4,984
4	Excavation	47,628
5	Clean-up	4,974
Total Estimated Work at T&M		66,905

GRANITE CONSTRUCTION COMPANY

COMB Cachuma Access Road

ITEM 1- Mobilization/Demobilization

Description of Work: Mob/Demob equipment

LABOR:

Classification	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Foreman (1)	8.0	1.0	\$ 122.00	\$ 152.00	1,128.00
Operator (0)	-	-	\$ 118.00	\$ 147.00	-
Laborer (2)	16.0	-	\$ 96.00	\$ 119.00	1,536.00
Carpenter (0)	-	-	\$ 103.00	\$ 130.00	-
Mason (0)	-	-	\$ 99.00	\$ 121.00	-
Teamster (0)	-	-	\$ 94.00	\$ 114.00	-
SUB-TOTAL LABOR					\$ 2,664.00

EQUIPMENT:

	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Pickup	8.0	1.0	\$ 20.00	\$ 20.00	180.00
Flatrack	-	-	\$ 37.00	\$ 37.00	-
Traffic Truck	-	-	\$ 49.00	\$ 49.00	-
Excavator 330L	-	-	\$ 99.00	\$ 99.00	-
Loader 966	-	-	\$ 93.00	\$ 93.00	-
Dozer D6H	-	-	\$ 126.00	\$ 126.00	-
Watertruck (2000 Gal)	-	-	\$ 54.00	\$ 54.00	-
SUB-TOTAL EQUIPMENT					\$ 180.00

MATERIALS:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
		-		-	-	-
Misc Matl	LS	1.00	\$ -	-	-	-
SUB-TOTAL MATERIALS				\$ -	\$ -	\$ -

SPECIAL SERVICES:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
Pick-up broom	Hrs	-	\$ 170.00	-	-	-
Low-Bed Transport	Hrs	24.0	\$ 100.00	2,400.00	360.00	2,760.00
SUB-TOTAL SERVICES				\$ 2,400.00	\$ 360.00	\$ 2,760.00

TOTAL \$ 5,604.00

GRANITE CONSTRUCTION COMPANY
COMB Cachuma Access Road
ITEM 2- Water Pollution Control Program and Measures

Description of Work: WPCP, install/remove WPC measures

LABOR:

Classification	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Foreman (1)	8.0	1.0	\$ 122.00	\$ 152.00	1,128.00
Operator (0)	-	-	\$ 118.00	\$ 147.00	-
Laborer (2)	16.0	-	\$ 96.00	\$ 119.00	1,536.00
Carpenter (0)	-	-	\$ 103.00	\$ 130.00	-
Mason (0)	-	-	\$ 99.00	\$ 121.00	-
Teamster (0)	-	-	\$ 94.00	\$ 114.00	-
SUB-TOTAL LABOR					\$ 2,664.00

EQUIPMENT:

	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Pickup	8.0	1.0	\$ 20.00	\$ 20.00	180.00
Flatrack	8.0	-	\$ 37.00	\$ 37.00	296.00
Traffic Truck	-	-	\$ 49.00	\$ 49.00	-
Excavator 330L	-	-	\$ 99.00	\$ 99.00	-
Loader 966	-	-	\$ 93.00	\$ 93.00	-
Dozer D6H	-	-	\$ 126.00	\$ 126.00	-
Watertruck (2000 Gal)	-	-	\$ 54.00	\$ 54.00	-
SUB-TOTAL EQUIPMENT					\$ 476.00

MATERIALS:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
Misc Matl	LS	1.00	\$ 500.00	500.00	75.00	575.00
SUB-TOTAL MATERIALS				\$ 500.00	\$ 75.00	\$ 575.00

SPECIAL SERVICES:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
Pick-up broom	Hrs	-	\$ 170.00	-	-	-
SUB-TOTAL SERVICES				\$ -	\$ -	\$ -

TOTAL \$ 3,715.00

GRANITE CONSTRUCTION COMPANY

COMB Cachuma Access Road

ITEM 3- Clear Brush

Description of Work: Clear brush to onsite pile

LABOR:

Classification	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Foreman (1)	8.0	1.0	\$ 122.00	\$ 152.00	1,128.00
Operator (1)	8.0	-	\$ 118.00	\$ 147.00	944.00
Laborer (2)	16.0	-	\$ 96.00	\$ 119.00	1,536.00
Carpenter (0)	-	-	\$ 103.00	\$ 130.00	-
Mason (0)	-	-	\$ 99.00	\$ 121.00	-
Teamster (0)	-	-	\$ 94.00	\$ 114.00	-
SUB-TOTAL LABOR					\$ 3,608.00

EQUIPMENT:

	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Pickup	8.0	1.0	\$ 20.00	\$ 20.00	180.00
Flatrack	8.0	-	\$ 37.00	\$ 37.00	296.00
Traffic Truck	-	-	\$ 49.00	\$ 49.00	-
Excavator 330L	4.0	-	\$ 99.00	\$ 99.00	396.00
Loader 966	-	-	\$ 93.00	\$ 93.00	-
Dozer D6H	4.0	-	\$ 126.00	\$ 126.00	504.00
Watertruck (2000 Gal)	-	-	\$ 54.00	\$ 54.00	-
SUB-TOTAL EQUIPMENT					\$ 1,376.00

MATERIALS:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
				-	-	-
				-	-	-
				-	-	-
SUB-TOTAL MATERIALS				\$ -	\$ -	\$ -

SPECIAL SERVICES:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
Pick-up broom	Hrs	-	\$ 170.00	-	-	-
SUB-TOTAL SERVICES				\$ -	\$ -	\$ -

TOTAL **\$ 4,984.00**

GRANITE CONSTRUCTION COMPANY

COMB Cachuma Access Road

ITEM 4- Excavation

Description of Work: Excavate Slope

LABOR:

Classification	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Foreman (1)	56.0	7.0	\$ 122.00	\$ 152.00	7,896.00
Operator (2)	112.0	-	\$ 118.00	\$ 147.00	13,216.00
Laborer (1)	56.0	-	\$ 96.00	\$ 119.00	5,376.00
Carpenter (0)	-	-	\$ 103.00	\$ 130.00	-
Mason (0)	-	-	\$ 99.00	\$ 121.00	-
Teamster (0)	-	-	\$ 94.00	\$ 114.00	-
SUB-TOTAL LABOR					\$ 26,488.00

EQUIPMENT:

	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Pickup	56.0	7.0	\$ 20.00	\$ 20.00	1,260.00
Flatrack	56.0	-	\$ 37.00	\$ 37.00	2,072.00
Traffic Truck	-	-	\$ 49.00	\$ 49.00	-
Excavator 330L	56.0	-	\$ 99.00	\$ 99.00	5,544.00
Loader 966	56.0	-	\$ 93.00	\$ 93.00	5,208.00
Dozer D6H	56.0	-	\$ 126.00	\$ 126.00	7,056.00
Watertruck (2000 Gal)	-	-	\$ 54.00	\$ 54.00	-
SUB-TOTAL EQUIPMENT					\$ 21,140.00

MATERIALS:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
				-	-	-
				-	-	-
				-	-	-
SUB-TOTAL MATERIALS				\$ -	\$ -	\$ -

SPECIAL SERVICES:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
Pick-up broom	Hrs	-	\$ 170.00	-	-	-
SUB-TOTAL SERVICES				\$ -	\$ -	\$ -

TOTAL **\$ 47,628.00**

GRANITE CONSTRUCTION COMPANY

COMB Cachuma Access Road

ITEM 5- Contour grading, clean-up

Description of Work: Contour grade area, clean road

LABOR:

Classification	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Foreman (1)	8.0	1.0	\$ 122.00	\$ 152.00	1,128.00
Operator (1)	8.0	-	\$ 118.00	\$ 147.00	944.00
Laborer (1)	8.0	-	\$ 96.00	\$ 119.00	768.00
Carpenter (0)	-	-	\$ 103.00	\$ 130.00	-
Mason (0)	-	-	\$ 99.00	\$ 121.00	-
Teamster (0)	-	-	\$ 94.00	\$ 114.00	-
SUB-TOTAL LABOR					\$ 2,840.00

EQUIPMENT:

	Reg. Hours	O/T Hours	Regular Rate	Overtime Rate	Total
Pickup	8.0	1.0	\$ 20.00	\$ 20.00	180.00
Flatrack	8.0	-	\$ 37.00	\$ 37.00	296.00
Traffic Truck	-	-	\$ 49.00	\$ 49.00	-
Excavator 330L	-	-	\$ 99.00	\$ 99.00	-
Loader 966	4.0	-	\$ 93.00	\$ 93.00	372.00
Dozer D6H	4.0	-	\$ 126.00	\$ 126.00	504.00
Watertruck (2000 Gal)	-	-	\$ 54.00	\$ 54.00	-
SUB-TOTAL EQUIPMENT					\$ 1,352.00

MATERIALS:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
				-	-	-
				-	-	-
				-	-	-
SUB-TOTAL MATERIALS				\$ -	\$ -	\$ -

SPECIAL SERVICES:

Description	U/M	Quantity	Unit Cost	Extended Amount	15% Markup	Total
Pick-up broom	Hrs	4.0	\$ 170.00	680.00	102.00	782.00
SUB-TOTAL SERVICES				\$ 680.00	\$ 102.00	\$ 782.00

TOTAL **\$ 4,974.00**



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.”

December 21, 2015

Interim General Manager Report

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

Board Administration

- General Manager Recruitment Process

The final filing date for application submittal was Friday, November 20, 2015; thirty applications were received. Gary Phillips of Bob Murray and Associates will provide the Board with a list of qualified applicants for a first round interview to be scheduled for a Special Meeting in early January.

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, December 9th. The meeting included discussion on topics such as the need to identify and agree on measures for managing deliveries if the drought continues, accounting for evaporation, tunnel infiltration, demand management, competitive priorities, recycling for potable offset, regional water supply options, the scheduling of a future safe yield workshop, and the return flow system at Hilton Creek.

HDR Engineering is continuing to receive feedback from the Member Units to formulate a comprehensive technical memorandum for purposes of summarizing existing operational lake levels, water quality issues, and incorporating various Emergency Pumping System facility requirements as lake levels decline or rise.

The next meeting is scheduled to be held in early January 2016.

Financial

- ACWA/JPIA Property Program

Each year at the Fall Conference, the JPIA recognizes members that have a loss ratio of twenty percent or less in the Liability, Property, or Workers' Compensation programs. The members with this distinction receive the "**Presidents Special Recognition Award**" certificate for each qualified Program. The JPIA presented COMB with this special recognition award and commends the agency on the hard work in reducing property program claims during the 2011 through 2014 timeframe.

Operations Division

- Drought Emergency Pumping Facility Project (EPFP)

The EPFP is currently operating at site one location with an operational depth of nineteen feet. Water quality is the primary concern for that location and has been acceptable to date. A planned shutdown for purposes of Cushman Contracting and their engineers to test and evaluate the system while operating under low flow conditions was scheduled for Thursday, December 17th. The system was designed to operate between 20 and 45 mgd and has infrequently experienced false readings on the tower transducers during times of low demand. All member agencies were notified of the pending shutdown.

- SCADA server

One of the drives in the SCADA historian server failed last month and has been replaced with a tower style server containing one terabyte (1 TB) of storage and three external backup drives which can be cycled offsite for data backup protection. While the former server was purchased in 2011, replacement parts are available as refurbished only and were not a cost effective option. The cost of the new server was less than three thousand dollars and will provide for future expansion if needed.

Fisheries Division

- Historical Fisheries Project Costs

Attached to this report are the historical project costs related to the implementation of the Fisheries Projects Program of work. This item was reviewed by the Fisheries Committee at the meeting on December 11th and is presented to the Board for information. Legal costs are over-estimated and have historically been booked to the legal budget item applicable to each division and tracked as a separate component outside of the project line item in the general ledger.

- Hilton Creek Return Flow System

Staff attended a meeting at the County to provide information regarding a proposed return flow system on the Hilton Creek pumping system for purposes of better control of water deliveries from Lake Cachuma to Hilton Creek. HDR was asked by the County to prepare a proposal for modifications to the USBR pumping barge facility. The proposal has been prepared and submitted to the County for review.

President's Special Recognition Award

The President of the
ACWA Joint Powers Insurance Authority
hereby gives Special Recognition to

Cachuma Operation and Maintenance Board

for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums"
in the Property Program for the period 04/01/2011 – 03/31/2014
announced at the Board of Directors' Meeting in Indian Wells.



November 30, 2015

E. G. "Jerry" Gladbach

E. G. "Jerry" Gladbach, President

EMERGENCY PUMPING FACILITY PROJECT FY 2015/2016

Attachment A

AS OF: 11/30/2015

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
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FY 15/16 EMERGENCY PUMPING FACILITY PROJECT				
CONSULTANTS	BUDGET	EXPENDED	BALANCE	Description
Cushman Contracting	2,219,250.00	468,700.01	1,750,549.99	Construction - Phase II/Operations
HDR Engineering	100,000.00	31,342.19	68,657.81	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	-	3,841.00	(3,841.00)	Legal costs
Bank of Santa Barbara	-	32,791.75	(32,791.75)	Loan fees/Interest (CVWD/GWD/MWD)
Misc	-	-	-	Materials, supplies, Permits, etc.
	\$ 2,709,250.00	\$ 536,674.95	\$ 2,172,575.05	

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			
BUDGET	EXPENDED	BALANCE	
\$ 8,653,250.00	\$ 6,108,372.56	\$ 1,712,442.80	

QB Reconciliation	1,446,132.25	QB Total Expenditures FY 13/14
	4,125,565.36	QB Total Expenditures FY 14/15
	536,674.95	QB Total Expenditures FY 15/16
	\$ 6,108,372.56	

**Cachuma Project
Fisheries Project Costs**

Project	CCRB*				COMB**			
	Quiota Creek Crossing No. 6 2008-2009	El Jaro - San Julian Ranch 2008-2009	El Jaro - Cross Creek Ranch 2009-2010	Quiota Creek Crossing No. 7 2011-2012	Quiota Creek Crossing No. 2 2012-2013	Quiota Creek Crossing No. 1 2013-2014	Quiota Creek Crossing No. 3 2015-2016	
Fiscal Year Completed								
Grant Fund Reimbursements								
CA Dept. of Fish & Wildlife (CDFW/CDFG)	-	\$171,110	\$232,679	\$400,108	\$700,528	\$521,141	<i>(Estimated)</i> \$705,205	
Wildlife Conservation Board (WCB)	-	-	-	\$358,103	-	\$150,000	-	
CA Coastal Conservancy (CCC)	-	-	\$14,000	-	-	-	-	
State Coastal Conservancy (SCC)	\$371,800	-	-	-	-	-	-	
National Fish & Wildlife Foundation (NFWF)	-	-	\$40,014	-	-	-	-	
FishAmerica	-	\$49,761	-	-	-	-	-	
Total Grant Funds	\$371,800	\$220,871	\$286,693	\$758,211	\$700,528	\$671,141	\$705,205	
Expenses								
General & Administrative	\$45,000	\$33,002	\$35,490	\$81,288	\$78,745	\$99,186	<i>(Estimated)</i> \$85,114	
Engineering & Design	\$69,055	\$48,000	\$59,290	\$92,907	\$54,067	\$86,115	\$77,976	
Construction	\$897,759	\$472,005	\$277,910	\$721,992	\$646,461	\$713,521	\$744,747	
Legal (Estimated)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	
Total Expenses	\$1,021,814	\$563,007	\$382,690	\$906,187	\$789,273	\$908,822	\$917,836	
Total Unreimbursed Cost								
Goleta Water District (GWD)	36.25%	\$342,136	\$95,997	\$147,975	\$88,745	\$237,681	\$212,631	
City of Santa Barbara (City)	32.19%	\$124,024	\$34,799	\$53,641	\$32,170	\$86,159	\$77,079	
Montecito Water District (MWD)	10.31%	\$110,134	\$30,901	\$47,633	\$28,567	\$76,510	\$68,446	
Carpinteria Valley Water District (CVWD)	10.94%	\$35,274	\$9,897	\$15,256	\$9,150	\$24,505	\$21,922	
SYRWCD Improvement District No. 1 (IDNo.1)	10.31%	\$37,430	\$10,502	\$16,189	\$9,709	\$26,002	\$23,262	
		\$35,274	\$9,897	\$15,256	\$9,150	\$24,505	\$21,922	

*CCRB 1973 JPA states that official acts or "decisions involving the Santa Ynez River watershed downstream from the Cachuma Project [...] shall require the affirmative vote of a **majority** of the representatives of the CCRB."

**COMB 1996 JPA requires a unanimous vote for any capital expenditure greater than \$1 Million, which shall not be effective unless it is ratified by a resolution approved by all of the parties.

Note: *Italicized* = Estimated

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: December 21, 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 November was 1,404.5 acre-feet, for an average daily flow of 46.85 acre-feet. Lake elevation was 667.56 feet at the beginning of the month and 666.02 feet at the end. Storage change decreased 1,509 acre-feet. CCWA wheeled 60.0 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 – Respond 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 performing flushing 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:

- ✓ Put Safety in gear when backing
- ✓ Be an extra safe driver
- ✓ Respirator Safety
- ✓ Excavations
- ✓ Cold Stress

COMB Operations Staff specifically performed the following activities:

- Diligently working to prepare for the winter/wet months by continuing the storm preparedness work along the South Coast Conduit.
- Removed a chain-drive hoist from Glen Anne control station. The hoist was installed during the original construction of the Cachuma Project. During an inspection by the Bureau of Reclamation, it was recommended that all original hoists be removed from the control buildings.
- The population of bats in the Carpinteria and Glen Anne control buildings was particularly high this past season. Bats are migrating mammals that travel to a warmer climate in the winter months, so after there was no sign of bat population, COMB staff sealed off any holes or small nooks in the control buildings where they might nest in the following season. Staff also carefully cleaned up and removed any bat droppings and any other signs of occupancy.
- Cleared brush and debris from the upstream side of the inflow dam to the Lauro Reservoirs debris basin. Keeping this area clear of debris is important to the function of the debris basin and keeps storm water from overtopping or intruding into Lauro Reservoir's water supply. (see photos)
- Operations personnel that carry a "Pesticide Applicators Certificate" attended a Pesticide Applicators Professional Association (PAPA) seminar to stay informed of the current California regulations for insecticide, herbicide, and pesticide applications. These seminars also provide continuing education hours required to renew these certificates.
- Repaired the roof to the administration building. The roof has shown signs of leaking in several areas during the past few rains this season. Staff overlaid the existing roof with water barrier roofing material to further its lifespan. (see photos)
- The Operations crew excavated the Stop Valve in the Lauro upper service yard to expose the valve operator and get a clear indication of the manufacture and type of part needed for repair. The reason that the indicator failed and the repairs are currently under investigation.
- The Operations crew continually inspects all sites, reservoirs, and the South Coast Conduit for items to add to the IIP for future projects.

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

Pictures

Upstream debris basin dam debris cleaning

Before



After



Administration building roof repair

Before



After



CACHUMA OPERATION AND MAINTENANCE BOARD
BOARD MEMORANDUM

DATE: December 21, 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 and should be completed on 12/18/15, pending County approval. All are pleased with the results and the project came in under budget.
- Hilton Creek Emergency Backup System is now delivering water to Hilton Creek at a flow rate of approximately 2 cfs.

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 November to record water temperatures at all designated locations within the LSYR mainstem and several tributaries. The thermograph network has been deployed in the LSYR mainstem and its tributaries. Thermographs are downloaded monthly and the results are summarized in the Annual Monitoring Report.

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

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. 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 and the contractor has made excellent progress. The project has been completed pending final approval from the County. 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: No further progress has been made on this project.

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). USBR has issued the fourth contract modification for the HCEBS to the contractor to wrap up the remaining work to the system (electrical work, installing actuators and replacing the 10 inch valve with an actuator for system automation). The work should be completed soon. The system was successfully testing in manual mode for three days (10/20-23/15). Once all the actuators and electronics have been installed, there will be another round of system testing; that date has not been determined. Completion and full operation of the HCEBS is scheduled for the end of January 2016.

During the first week of December, USBR changed from the HCWS to the HCEBS for delivery of lake water to Hilton Creek. At the same time they diverted all releases from the Upper Release Point (URP) to the Lower Release Point (LRP), in effect dewatering the reach between the URP and LRP. They then went from pump flow to gravity flow where they were able to establish a constant delivery rate of approximately 2 cfs. Throughout the procedure, the Fish Rescue Team (FRT, consisting of COMB and CDFW) rescued and successfully relocated 247 steelhead/rainbow trout (*Oncorhynchus mykiss*, *O. mykiss*) and 7 prickly sculpin downstream of the LRP. Unfortunately there were 11 *O. mykiss* and 5 sculpin mortalities. A report will be submitted to the National Marine Fisheries Service (NMFS) from USBR and the FRT.

Table 1: List of HCWS repairs and upgrades as reviewed by USBR Management on 12/16/15.

#	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 9/26/15. 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 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		13,686	
Total:	9,184	19,319	3,551
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 11/30/15.			
*** 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: On 8/29/15 staff submitted the 2012 Annual Monitoring Reports to USBR for comments; once their comments have been 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.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 21, 2015
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 April 1, 2015 to the present (4/1/15 – 12/21/15, 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 4/1/15.

	April 2015	May 2015	June 2015	July 2015	August 2015	Sept 2015	Oct 2015	Nov 2015*	Dec 2015*
Year 8 Oaks (2015-2016)									New Trees Gopher Baskets Fertilizer/Compost Deer Cages Mulched/Irrigated
Year 7 Oaks (2014-2015)	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded Cage maint.	Irrigated Weeded Cage maint.	Irrigated Weeded Cage maint.	Irrigated Weeded Cage maint.	Irrigated Weeded		
Year 6 Oaks (2010-2011)		Irrigated Weeded	Cage maint.				Weeded Mulched		
Year 5 Oaks (2009-2010)		Irrigated Weeded					Irrigated Fertilized		
Year 4 Oaks (2008-2009)	Irrigated Weeded							Irrigated Fertilized Cage maint.	
Year 3 Oaks (2007-2008)	Irrigated Weeded							Irrigated Fertilized Cage maint.	
Year 2 Oaks (2006-2007)		Irrigated Weeded	Irrigated Weeded					Fertilized	
Year 1 Oaks (2005-2006)		Irrigated Weeded	Irrigated Weeded					Fertilized	

*November and December work included annual oak tree inventory

The planting of new oak trees (Year 8) during the fall of 2015 and winter of 2016 has commenced. The Fisheries Division, with assistance from the California Conservation Corps began the Year 8 planting process in early December. Trees will be planted at an approximate ratio of 90% Coast Live Oaks and 10%

Valley Oaks. The planting procedure includes marking out a minimum distance of 20 feet between trees, excavating each hole with a backhoe, inserting a gopher cage, mixing compost and fertilizer with the soil that is backfilled into the hole, and planting the new tree. Once this process is completed, tree stakes and wire deer protection fencing is placed around each tree. Then the area is mulched and irrigated as needed. New trees are being planted at a plateau near the Lower Santa Ynez River on Bureau of Reclamation property, downstream of Bradbury Dam. 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:

N/A

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 21, 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.

Additional Work: The additional upstream work as described during the 11/16/15 COMB Board meeting has been successfully completed as proposed.

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 with two change orders totaling \$77,237.

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
Estimated Completion Date	12/18/2015
Number of construction work days (WD*) (expected)	55
Elapsed Time (WD)	55
Remaining Time (WDs to complete all work)	0
Time Elapsed to Date (%)	100%
*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 was then removed and the bridge foundations were excavated. Since no bedrock was found, float rock was added below the foundations for sufficient

loadbearing material. Earthen forms for the foundations were created, rebar tied and concrete poured for both the north and south foundations. All forms were stripped and the foundations were cleaned in preparation for the arrival of the bridge. The bridge was fabricated at Pre-Con in Simi Valley over a 3 week period and then was successfully installed on 10/29/15. The instream channel work was completed on 11/6/15 which included the two change orders. The graffiti proofing was completed on 11/10/15. Newly completed project elements are presented in Figures 1-8 below. All road embankment, road base and asphalt have been installed. The bridge-rails and guardrails were completed on 12/15/15. 30 mitigation trees were planted on 12/16/15 and the site was hydro-mulched/seeded on 12/17/15. The County punch list meeting has been scheduled for 12/17/15 and if they approve the project, the road will be opened on 12/18/15 and the project will be considered successfully completed.

PLC has been doing an excellent job with the project and has been moving as quickly as possible to finish the project by the end of the second week in December.

Work Projected for Next Month: Reporting and grant reimbursement submittals.

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 Order 1:	\$43,810	
Approved Change Order 2:	\$33,426	
Adjusted Construction Contract Amount:	\$795,607	
Total Expenditure to Date*:		
	FY16	FY15
PLC - Invoice 1:	\$45,600	
PLC - Invoice 2:	\$249,025	
PLC - Invoice 3:	\$106,115	
PLC - Invoice CO1:	\$43,810	
PLC - Invoice CO2:	\$33,426	
ConTech Bridge (delivered + tax):	\$184,900	
Resident Engineer - Gino Filippin (fabrication) - Invoice 1:	\$444	
Resident Engineer - Gino Filippin (fabrication) - Invoice 2:	\$2,760	
Resident Engineer - Gino Filippin (site construction) - Invoice 1:	\$222	
Resident Engineer - Gino Filippin (site construction) - Invoice 2:	\$7,076	
Resident Engineer - Gino Filippin (site construction) - Invoice 3:	\$1,246	
Geotechnical Services (Fugro) - Invoice 1:	\$2,339	
Geotechnical Services (Fugro) - Invoice 2:	\$2,339	
Surveying - MNS - Invoice 1:	\$8,320	
Tree Pruning - Branch Out Tree Care - Invoice 1:	\$875	
Materials Testing - Fugro (Pre-Con) - Invoice 1:	\$2,976	
Materials Testing - Fugro (site construction) - Invoice 1:	\$3,464	
Materials Testing - Fugro (site construction) - Invoice 2:	\$2,203	
COMB Legal Counsel Bid Packet + Contract review:	\$1,495	
SB County Encroachment Permit Fee:	\$10,000	\$15,000
CDFW 1600 Permit Fee:	\$0	\$4,912
Total Paid:	\$708,634	\$19,912
Balance to Finish, Plus Retention:	\$53,615	
% of Billed Work Completed to Date:	93%	
* As of COMB Board meeting.		

LEGAL CONCURRENCE:

COMB legal counsel has reviewed and approved the project.

ENVIRONMENTAL COMPLIANCE:

All permits have been obtained and are being followed.

RECOMMENDATION:

N/A

LIST OF EXHIBITS:

Exhibit 1: Construction photographs:



Figure 1: Installing road base and bridge-rail posts.



Figure 2: Installation of the road embankments and road base.



Figure 3: Grading and compacting the road base.



Figure 4: Paving Refugio Road through the project site.



Figure 5: Completed paving and guardrail installation.

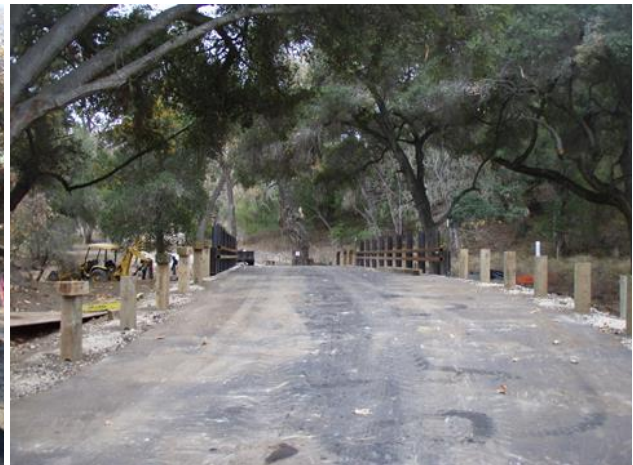




Figure 6: Installation of property fencing.



Figure 7: Planting of mitigation trees.



(a)



(b)

Figure 8: Completed (a) instream work looking downstream and (b) bridge-rail with picket cattle fencing being installed below the bridge.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 21, 2015
Submitted by:	Janet Gingras

SUBJECT: **Monthly Cachuma Project Reports**

Due to discussions by Reclamation regarding the calculation of evaporative losses, the October 2015 and November 2015 Monthly Cachuma Project Reports have not been finalized at the time of Board Packet production. Should the final reports become available by the December 21, 2015 COMB Regular Board meeting, they will be distributed at the meeting as handouts and added to this Board Packet, retroactively.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	December 21, 2015
Submitted by:	Janet Gingras

SUBJECT: **2016 COMB Regular Board Meeting Calendar**

SUMMARY:

On July 27, 2015, the Board passed Resolution No. 607, establishing the time and place for regular Board meetings. Unless otherwise noted, the regular meetings of the COMB Board of Directors shall be held on the fourth Monday of each month, at 2:00 p.m., at 3301 Laurel Canyon Road, Santa Barbara, CA 93105. However, if a Holiday falls on or near the fourth Monday of a month, the regular meeting has historically been moved to the third Monday of that month. The attached schedule outlines the regular Board meeting dates for calendar year 2016 and is provided for your information.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

RECOMMENDATION:

N/A

LIST OF EXHIBITS:

- 1) 2016 COMB Regular Board Meeting Calendar

CACHUMA OPERATION & MAINTANENCE BOARD
3301 Laurel Canyon Road
Santa Barbara, CA 93105

2016 COMB Regular Board Meeting Calendar	
Date	Time
January 25, 2016	2:00pm
February 22, 2016	2:00pm
March 28, 2016	2:00pm
April 25, 2016	2:00pm
May 23, 2016	2:00pm
June 27, 2016	2:00pm
July 25, 2016	2:00pm
August 22, 2016	2:00pm
September 26, 2016	2:00pm
October 24, 2016	2:00pm
November 28, 2016	2:00pm
December 19, 2016*	2:00pm

**The December meeting falls on the third Monday
of the month, due to the Christmas Holiday*