

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

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

Monday, November 16, 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 October 13, 2015 Special Board Meeting
Minutes October 19, 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:
 - Fisheries Committee Meeting – October 23, 2015
 - Lake Cachuma Oak Tree Committee Meeting – November 11, 2015
5. **RESOLUTION NO. 609 – EXTENDING PROJECT EXPENDITURE DATE FOR THE EMERGENCY PUMPING FACILITIES PROJECT**
Action: Recommend approval by motion and roll call vote of the Board
6. **INTERIM GENERAL MANAGER'S REPORT**
Receive information from the Interim General Manager on topics pertaining to COMB, including but not limited to the following:
 - Board Administration
 - Personnel
 - Cachuma Member Unit Managers Meeting
 - Financial
 - Operations Division
 - Fisheries Division

7. **OPERATIONS DIVISION REPORT**

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

- Lake Cachuma Operations
- Operation and Maintenance Activities

8. **FISHERIES DIVISION REPORT**

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

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

9. **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

10. **UPDATE ON FISH PASSAGE IMPROVEMENT PROJECT – QUIOTA CREEK CROSSING 3**

Action: Recommend Approval by motion and roll call vote of the Board

- Review and Consider for Approval: Changes of Work

11. **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

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

13. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: EXISTING AND POTENTIAL LITIGATION**

- 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]

- a. Alleged Access Rights to Ortega Ridge Road, Ocean View Estates Subdivision

15. **MEETING SCHEDULE**

- **December 21, 2015 at 2:00 P.M., COMB Office**
- **Board Packages Available on COMB Website**
www.cachuma-board.org

16. **COMB ADJOURNMENT**

NOTICE TO PUBLIC

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

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

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

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

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

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

**held at
3301 Laurel Canyon Road, Santa Barbara, CA
Tuesday, October 13, 2015**

1. Call to Order, Roll Call

The meeting was called to order at 11:02 a.m. by President Doug Morgan, who chaired the meeting. Those in attendance were:

Directors present:

Doug Morgan	Montecito Water District
Kevin Walsh	SYR Water Conservation Dist, ID No. 1
Polly Holcombe	Carpinteria Valley Water District
Lauren Hanson	Goleta Water District

Others Present:

Janet Gingras	Dave Stewart
Adelle Capponi	Amy Smith

2. Public Comment

There was no public comment.

3. Emergency Stabilization Project – South Coast Conduit at Mission Creek

Director Walsh summarized the proposed Emergency Stabilization Project to the Board, explaining that the Operations Committee had considered it at length and is forwarding Granite Construction's proposal to the Board with the recommendation to approve authorizing the Interim General Manager to execute a construction contract. Following brief discussion and questions from the Board regarding the proposed work and the suggested budget adjustment, Director Holcombe moved to approve the recommendation, as presented. Seconded by Director Walsh, the motion carried 5/0/2 as follows:

Ayes: Walsh, Holcombe, Hanson, Morgan

Nays: None

Absent/Abstain: White

4. Meeting Schedule

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

5. COMB Adjournment

There being no further business, the meeting was adjourned at 11:29 a.m.

Respectfully submitted,

Janet Gingras, Secretary to the Board

APPROVED:

	<i>Approved</i>
√	<i>Unapproved</i>

Doug Morgan, President of the Board

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

held at
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, October 19, 2015

1. Call to Order, Roll Call

The meeting was called to order at 2:01 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	Shane King
Adelle Capponi	Charles Hamilton
Amy Smith	Fray Crease
Tim Robinson	William Carter
Dave Stewart	Chris Dahlstrom
Phil Walker	

2. Public Comment

Phil Walker spoke to the increasing probability of an El Niño year and storm preparedness for the coming winter.

3. Consent Agenda

a. Minutes

September 17, 2015 Special Board Meeting
September 28, 2015 Regular Board Meeting

b. Investment Funds

Financial Reports
Investment Reports

c. Review of Paid Claims

d. Review of Pending Claims for Payment

Director Walsh requested to remove Items #3b and #3c for further consideration. Director White moved approval of the remainder of the Consent Agenda: Items #3a and #3d. Seconded by Director Holcombe, the motion passed by unanimous roll call vote:

Ayes: White, Walsh, Holcombe, Hanson, Morgan

Nays: None

Absent/Abstain: None

Considering Item #3b, Director Walsh requested that the Administrative Committee examine whether or not it would be appropriate to showcase constructive return amounts, or assessed but unexpended funds, on the COMB Balance Sheet. President Morgan agreed with his suggestion, leaving it up to the Committee whether it would further discuss and analyze that possibility. Examining Item #3c, Director Walsh requested that the Administrative Committee also investigate a possible further, more in-depth, “coding” of legal invoices so that each item of legal work may be applied to the specific COMB account for which it was performed. Director Walsh moved approval of Items #3b and #3c, seconded by Director Holcombe. Janet Gingras addressed Director Walsh’s comment on in-depth coding by stating that COMB currently breaks out legal costs between the Operations and Fisheries Divisions; additionally, detailed costs are spreadsheet-tracked outside of the accounting system. Following further discussion of long-standing COMB accounting practices, the motion passed by unanimous roll call vote:

Ayes: White, Walsh, Holcombe, Hanson, Morgan

Nays: None

Absent/Abstain: None

4. Operations Division Staff Presentation – Overview of South Coast Conduit Conveyance System

Mr. Shane King, Water Service Worker III/Lead, reviewed with the Board a PowerPoint presentation he authored to showcase the South Coast Conduit and its operational and maintenance requirements. He then fielded questions from the Board. The Board expressed their thanks to Shane for his efforts in developing this presentation.

5. Verbal Reports from Board Committees

- *Special Operations Committee Meeting – October 8, 2015:* Director Walsh notified the Board that the full report on the Special Operations Committee meeting was considered at the October 13, 2015 Special Board Meeting. Ms. Janet Gingras, Interim General Manager, informed the Board that construction preparation for the Emergency Stabilization Project at Mission Creek had commenced that day.
- *Lake Cachuma Oak Tree Committee Meeting – October 14, 2015:* Director White summarized his positive educational experience at the Lake Cachuma Oak Tree Committee meeting and Ms. Gingras added that a Lake Cachuma Oak Tree Committee “field trip” would be scheduled soon.
- *Special Administrative Committee Meeting – October 15, 2015:* President Morgan outlined the agenda, noting that a Board policy for Document Release is in development and that any request for documentation or data would be considered by the Fisheries Committee, on a case-by-case basis, in the interim.

6. Interim General Manager’s Report

- *Board Administration*
- *Personnel*
- *Financial*
- *Operations Division*
- *Santa Barbara County Drought Task Force*

Ms. Gingras highlighted topics within her report as incorporated in the board packet and offered to field any questions from the Board. Director Hanson told Ms. Gingras that she

would like the Board to be made aware of how the new water bill is calculated before COMB issues payment on it. Ms. Gingras also explained her calculation of the constructive returns reflected in the Fiscal Year 2015-2016 1st Quarter Assessments that were submitted to the Member Agencies.

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 storm preparedness and ensuring COMB facilities were equipped for potential high-flow events during the coming winter.

8. Fisheries Division Report

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

Dr. Tim Robinson, Fisheries Division Manager, noted some highlights as presented in his report in the board packet. Following lengthy discussion on monitoring efforts and the potential Fish Passage Improvement Project at Quiota Creek Crossing No. 8, Director Holcombe requested that the referenced Fish Passage Improvement Project be made an item for discussion on the next Fisheries Committee meeting agenda.

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

Dr. Robinson gave a brief update on the status of the project, notifying the Board that survey work had just been completed and that the team was about 13 working days into the project. He also informed the Board that he expects some outstanding landowner requirements to fall into place by the beginning of the following month.

10. Progress Report on Lake Cachuma Oak Tree Program

- *Maintenance and Monitoring*
- *2014 Draft Annual Monitoring Report*

Dr. Robinson expressed his excitement for the upcoming Lake Cachuma Oak Tree Committee field trip. Regarding the 2014 Draft Annual Monitoring Report, Dr. Robinson stated that he would gladly incorporate any comments or suggestions for revisions from the Board into the document, and then allow the Lake Cachuma Oak Tree Committee to review the report once more before it is finalized.

11. Directors' Requests for Agenda Items for Future Meeting

- Director Walsh requested that the Administrative Committee review the backup detailing how the constructive return reflected in the Fiscal Year 2015-2016 1st Quarter Assessment was calculated and consider whether or not constructive return amounts should be listed on the COMB Balance Sheet.
- Director Walsh requested that the Administrative Committee consider a more comprehensive invoice coding method, specifically for legal invoices.

- Director Holcombe requested that the Fisheries Committee review the potential Fish Passage Improvement Project at Quiota Creek Crossing No. 8.

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

The Board went into closed session at 4:06 p.m.

- a. [Government Code Section 54956.9(d)(4)]
Name of case: California Trout, Inc. v. United States Bureau of Reclamation et al.,
United States District Court, CDCA, Case No. 2:14-CV-7744
- b. [Government Code Section 54956.9(d)(4)]
Name of matter: Protest of Member Unit re: Payment of Assessment for Certain
Fisheries Related Activities

13. Reconvene Into Open Session

[Government Code Section 54957.7]

Disclosure of actions taken in closed session, as applicable

[Government Code Section 54957.1]

The Board came out of closed session at 6:00 p.m.

- a. California Trout, Inc. v. United States Bureau of Reclamation et al
There was no reportable action.
- b. Protest of Member Unit re: Payment of Assessment for Certain Fisheries Related
Activities
There was no reportable action.

14. Meeting Schedule

- The next regular Board meeting will be held November 16, 2015 at 2:00 p.m. *Note: this is the 3rd Monday of the month.*
- The Agendas and Board Packets are available on the COMB website at www.cachuma-board.org

15. COMB Adjournment

There being no further business, the meeting was adjourned at 6:00 p.m.

Respectfully submitted,

Janet Gingras, Secretary of the Board

APPROVED:

Doug Morgan, President of the Board

	Approved
√	Unapproved

COMB
Statement of Net Assets
As of October 31, 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

726,866.36

1100 · REVOLVING FUND

13,796.28

Total Checking/Savings

1,095,233.77

Other Current Assets

1010 · PETTY CASH

500.00

1200 · LAIF

1,332,745.79

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

3,091,811.77

Total Current Assets

4,187,045.54

Fixed Assets

1500 · VEHICLES

409,581.12

1505 · OFFICE FURN & EQUIPMENT

432,634.46

1510 · MOBILE OFFICES

97,803.34

1515 · FIELD EQUIPMENT

542,025.24

1525 · PAVING

38,351.00

1550 · ACCUMULATED DEPRECIATION

-1,320,829.64

Total Fixed Assets

199,565.52

Other Assets

1910 · LT Bradbury SOD Act Assess Rec

5,250,759.07

1920 · LT Lauro SOD Act Assess Rec

940,342.00

1921 · Loan Receivable - EPFP

2,601,317.00

Total Other Assets

8,792,418.07

TOTAL ASSETS**13,179,029.13**

COMB
Statement of Net Assets
As of October 31, 2015

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

2200 · ACCOUNTS PAYABLE

580,217.42

Total Accounts Payable580,217.42**Other Current Liabilities**

Payroll-DepPrm Admin

179.62

Payroll-DepPrm FD

4.62

Payroll-DepPrm Ops

201.20

2505 · ACCRUED WAGES

31,189.78

2550 · VACATION/SICK

142,912.32

2561 · BRADBURY DAM SOD ACT

83,283.66

2563 · LAURO DAM SOD ACT

14,447.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

854,571.13

Total Other Current Liabilities1,213,797.33**Total Current Liabilities**

1,794,014.75

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**

11,182,122.82

NET POSITION

3901 · Retained Net Assets

1,158,753.96

Net Income

838,151.40

Total Net Assets1,996,906.31**TOTAL LIABILITIES & NET POSITION**13,179,029.13

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

	Fisheries			Operations			TOTAL		
	Jul - Oct 15	Budget	% of Budget	Jul - Oct 15	Budget	% of Budget	Jul - Oct 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		0.00	0.00	0.0%
3010 - Interest Income	0.00	893.41		893.41	0.00		893.41	893.41	100.0%
3020 - Misc Income	0.00	58.20		58.20	0.00		58.20	58.20	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 - Cachuama 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	345,202.00	3,137,645.00	11.0%	2,272,451.61	5,651,050.00	40.21%	2,617,653.61	8,788,695.00	29.78%
Total Income	345,202.00	3,137,645.00	11.0%	2,272,451.61	5,651,050.00	40.21%	2,617,653.61	8,788,695.00	29.78%
Gross Profit	345,202.00	3,137,645.00	11.0%	2,272,451.61	5,651,050.00	40.21%	2,617,653.61	8,788,695.00	29.78%
Expense									
PAYROLL									
Gross	0.00	0.00		0.00	0.00		0.00	0.00	0.0%
Gross-FD	0.00	0.00		0.00	0.00		0.00	0.00	0.0%
Total PAYROLL	0.00	0.00		0.00	0.00		0.00	0.00	0.0%
3100 - LABOR - OPERATIONS	0.00	815,197.00	23.98%	195,510.49	815,197.00	23.98%	195,510.49	815,197.00	23.98%
3200 VEH & EQUIPMENT	0.00	30,000.00	21.74%	6,521.79	30,000.00	21.74%	6,521.79	30,000.00	21.74%
3201 - Vehicle/Equip Mtce	0.00	15,000.00	23.73%	3,559.39	15,000.00	23.73%	3,559.39	15,000.00	23.73%
3202 - Fixed Capital	0.00	5,000.00	11.76%	588.13	5,000.00	11.76%	588.13	5,000.00	11.76%
3203 - Equipment Rental	0.00	5,000.00	14.89%	744.63	5,000.00	14.89%	744.63	5,000.00	14.89%
3204 - Miscellaneous	0.00	55,000.00	20.75%	11,413.94	55,000.00	20.75%	11,413.94	55,000.00	20.75%
Total 3200 VEH & EQUIPMENT	0.00	815,197.00	23.98%	195,510.49	815,197.00	23.98%	195,510.49	815,197.00	23.98%
3300 - CONTRACT LABOR	0.00	20,000.00	9.04%	1,808.00	20,000.00	9.04%	1,808.00	20,000.00	9.04%
3301 - Conduit, Meter, Valve & Misc	0.00	400.00	2.0%	400.00	400.00	2.0%	400.00	400.00	2.0%
3302 - Buildings & Roads	0.00	30,000.00	0.0%	0.00	-30,000.00		0.00	-30,000.00	0.0%
3303 - Reservoirs	0.00	25,000.00	0.0%	0.00	-25,000.00		0.00	-25,000.00	0.0%
3304 - Engineering, Misc Services	0.00	95,000.00	2.32%	2,208.00	95,000.00	2.32%	2,208.00	95,000.00	2.32%
Total 3300 - CONTRACT LABOR	0.00	20,000.00	9.04%	1,808.00	20,000.00	9.04%	1,808.00	20,000.00	9.04%
3400 - MATERIALS & SUPPLIES	0.00	15,000.00	23.42%	3,513.02	15,000.00	23.42%	3,513.02	15,000.00	23.42%
3401 - Conduit, Meter, Valve & Misc	0.00	10,000.00	9.4%	940.16	10,000.00	9.4%	940.16	10,000.00	9.4%
3402 - Buildings & Roads	0.00	90,000.00	4.95%	4,453.18	90,000.00	4.95%	4,453.18	90,000.00	4.95%
3403 - Reservoirs	0.00	7,000.00	35.53%	2,486.83	7,000.00	35.53%	2,486.83	7,000.00	35.53%
Total 3400 - MATERIALS & SUPPLIES	0.00	15,000.00	23.42%	3,513.02	15,000.00	23.42%	3,513.02	15,000.00	23.42%
3500 - OTHER EXPENSES	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
3501 - Utilities	0.00	5,000.00	0.0%	0.00	-5,000.00		0.00	-5,000.00	0.0%
3502 - Uniforms	0.00	18,000.00	32.14%	5,785.37	18,000.00	32.14%	5,785.37	18,000.00	32.14%
3503 - Communications	0.00	4,000.00	15.56%	622.50	4,000.00	15.56%	622.50	4,000.00	15.56%
3504 - USA & Other Services	0.00	7,000.00	35.53%	2,486.83	7,000.00	35.53%	2,486.83	7,000.00	35.53%

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

	Fisheries			Operations			TOTAL		
	Jul - Oct 15	Budget	% of Budget	Jul - Oct 15	Budget	% of Budget	Jul - Oct 15	Budget	% of Budget
3505 - Miscellaneous	0.00			2,426.47	8,000.00	30.33%	2,426.47	8,000.00	30.33%
3506 - Training	0.00			0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
Total 3500 - OTHER EXPENSES	0.00	0.00	0.0%	11,321.17	45,000.00	25.16%	11,321.17	45,000.00	25.16%
4000 - Reconciliation Discrepancies	0.00			0.09		0.0%	0.09	0.00	100.0%
4100 - LABOR - FISHERIES	189,309.50	549,994.00	34.42%	0.00			189,309.50	549,994.00	34.42%
4200 - VEHICLES & EQUIP - FISHERIES									
4270 - Vehicle/Equip Mtce	4,822.42	13,000.00	37.1%	0.00			4,822.42	13,000.00	37.1%
4280 - Fixed Capital	692.19	15,000.00	4.62%	0.00			692.19	15,000.00	4.62%
4290 - Miscellaneous	360.25	2,500.00	14.41%	0.00			360.25	2,500.00	14.41%
Total 4200 - VEHICLES & EQUIP - FISHERIES	5,874.86	30,500.00	19.26%	0.00	0.00	0.0%	5,874.86	30,500.00	19.26%
4220 - CONTRACT LABOR - FISHERIES									
4221 - Meters & Valves	0.00	3,000.00	0.0%	0.00			0.00	3,000.00	0.0%
4222 - Fish Projects Maintenance	0.00	40,000.00	0.0%	0.00			0.00	40,000.00	0.0%
Total 4220 - CONTRACT LABOR - FISHERIES	0.00	43,000.00	0.0%	0.00	0.00	0.0%	0.00	43,000.00	0.0%
4300 - MATERIALS/SUPPLIES - FISHERIES									
4390 - Miscellaneous	230.63	7,000.00	3.3%	0.00			230.63	7,000.00	3.3%
Total 4300 - MATERIALS/SUPPLIES - FISHERIES	230.63	7,000.00	3.3%	0.00	0.00	0.0%	230.63	7,000.00	3.3%
4500 - OTHER EXPENSES - FISHERIES									
4502 - Uniforms	189.35	2,500.00	7.57%	0.00			189.35	2,500.00	7.57%
Total 4500 - OTHER EXPENSES - FISHERIES	189.35	2,500.00	7.57%	0.00	0.00	0.0%	189.35	2,500.00	7.57%
4999 - GENERAL & ADMINISTRATIVE									
5000 - Director Fees									
5001 - Director Mileage	0.00			409.89	2,000.00	20.5%	409.89	2,000.00	20.5%
5000 - Director Fees - Other	0.00			4,076.80	11,000.00	37.06%	4,076.80	11,000.00	37.06%
Total 5000 - Director Fees	0.00	0.00	0.0%	4,486.69	13,000.00	34.51%	4,486.69	13,000.00	34.51%
5100 - Legal	0.00			9,620.15	100,000.00	9.62%	9,620.15	100,000.00	9.62%
5101-1 - Audit	0.00			0.00	20,000.00	0.0%	0.00	20,000.00	0.0%
5150 - Unemployment Tax	0.00			0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
5200 - Liability Insurance	0.00			40,497.60	42,705.00	94.83%	40,497.60	42,705.00	94.83%
5201 - Health & Workers Comp	0.00			57,748.25	180,093.00	32.07%	57,748.25	180,093.00	32.07%
5250 - PERS	0.00			15,401.13	58,420.00	26.36%	15,401.13	58,420.00	26.36%
5260 - Company FICA Admin	0.00			5,467.13	20,754.00	26.34%	5,467.13	20,754.00	26.34%
5265 - Company MCARE Admin	0.00			1,386.12	4,854.00	28.56%	1,386.12	4,854.00	28.56%
5300 - Manager Salary	0.00			22,802.10	100,750.00	22.63%	22,802.10	100,750.00	22.63%
5301 - Administrative Manager	0.00			32,801.71	87,750.00	37.38%	32,801.71	87,750.00	37.38%
5303 - Admin Assistant I	0.00			15,213.32	42,250.00	36.01%	15,213.32	42,250.00	36.01%
5306 - Administrative Assistant III	0.00			17,599.81	45,500.00	38.68%	17,599.81	45,500.00	38.68%
5310 - Postage/Office Exp	0.00			2,017.11	8,000.00	25.21%	2,017.11	8,000.00	25.21%
5311 - Office Equip/Leases	0.00			2,856.45	8,000.00	35.71%	2,856.45	8,000.00	35.71%
5312 - Misc Admin Expenses	0.00			2,354.33	10,790.00	21.82%	2,354.33	10,790.00	21.82%
5313 - Communications	0.00			2,613.14	8,500.00	30.74%	2,613.14	8,500.00	30.74%
5314 - Utilities	0.00			4,637.18	9,737.00	47.62%	4,637.18	9,737.00	47.62%

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

	Fisheries			Operations			TOTAL		
	Jul - Oct 15	Budget	% of Budget	Jul - Oct 15	Budget	% of Budget	Jul - Oct 15	Budget	% of Budget
5315 · Membership Dues	0.00			0.00	8,000.00	0.0%	0.00	8,000.00	0.0%
5316 · Admin Fixed Assets	0.00			0.00	4,000.00	0.0%	0.00	4,000.00	0.0%
5318 · Computer Consultant	0.00			5,426.59	15,000.00	36.18%	5,426.59	15,000.00	36.18%
5321 · Administrative Consultant	0.00			1,256.99	16,250.00	7.74%	1,256.99	16,250.00	7.74%
5325 · Emp Training/Subscriptions	0.00			0.00	2,000.00	0.0%	0.00	2,000.00	0.0%
5330 · Admin Travel/Conferences	0.00			169.57	2,000.00	8.48%	169.57	2,000.00	8.48%
5331 · Public Information	0.00			181.21	1,000.00	18.12%	181.21	1,000.00	18.12%
5352 · Program Analyst	0.00			0.00	42,250.00	0.0%	0.00	42,250.00	0.0%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00	856,603.00	28.55%	244,536.58	856,603.00	28.55%	244,536.58	856,603.00	28.55%
5400 · GENERAL & ADMIN - FISHERIES									
5401 · Health & Workers Comp.	10,147.65	44,184.00	22.97%	0.00			10,147.65	44,184.00	22.97%
5402 · CalPERS	8,292.89	31,457.00	26.36%	0.00			8,292.89	31,457.00	26.36%
5403 · Company Fica	2,483.45	11,175.00	22.22%	0.00			2,483.45	11,175.00	22.22%
5405 · GM Salary	12,278.04	54,250.00	22.63%	0.00			12,278.04	54,250.00	22.63%
5406 · Company MCare	638.64	2,614.00	24.43%	0.00			638.64	2,614.00	24.43%
5407 · Legal - FD	40,620.60	25,000.00	162.48%	0.00			40,620.60	25,000.00	162.48%
5408 · Administrative Manager	17,662.46	47,250.00	37.38%	0.00			17,662.46	47,250.00	37.38%
5409 · Administrative Assistant III	9,476.82	24,500.00	38.68%	0.00			9,476.82	24,500.00	38.68%
5410 · Postage / Office Supplies	1,020.06	3,000.00	34.0%	0.00			1,020.06	3,000.00	34.0%
5411 · Office Equipment / Leases	1,538.04	5,218.00	29.48%	0.00			1,538.04	5,218.00	29.48%
5412 · Misc. Admin Expense	1,420.59	5,810.00	24.45%	0.00			1,420.59	5,810.00	24.45%
5413 · Communications	1,597.52	4,305.00	37.11%	0.00			1,597.52	4,305.00	37.11%
5414 · Utilities	2,496.93	5,243.00	47.62%	0.00			2,496.93	5,243.00	47.62%
5415 · Membership Dues	0.00	4,000.00	0.0%	0.00			0.00	4,000.00	0.0%
5416 · Admin Fixed Assets	0.00	4,000.00	0.0%	0.00			0.00	4,000.00	0.0%
5418 · Computer Consultant	2,922.00	5,000.00	58.44%	0.00			2,922.00	5,000.00	58.44%
5421 · Administrative Consultant	676.84	8,750.00	7.74%	0.00			676.84	8,750.00	7.74%
5425 · Employee Education/Subsription	0.00	2,500.00	0.0%	0.00			0.00	2,500.00	0.0%
5426 · Director Fees	2,195.20	6,000.00	36.59%	0.00			2,195.20	6,000.00	36.59%
5427 · Director Mileage	220.72	1,000.00	22.07%	0.00			220.72	1,000.00	22.07%
5430 · Travel	76.49	2,500.00	3.06%	0.00			76.49	2,500.00	3.06%
5431 · Public Information	97.58	1,500.00	6.51%	0.00			97.58	1,500.00	6.51%
5441 · Audt	0.00	6,300.00	0.0%	0.00			0.00	6,300.00	0.0%
5443 · Liab & Property Ins	21,806.40	21,595.00	100.98%	0.00			21,806.40	21,595.00	100.98%
5451 · Admin Assistant I	8,191.78	22,750.00	36.01%	0.00			8,191.78	22,750.00	36.01%
5452 · Program Analyst	0.00	22,750.00	0.0%	0.00			0.00	22,750.00	0.0%
Total 5400 · GENERAL & ADMIN - FISHERIES	145,860.70	372,651.00	39.14%	0.00	372,651.00	39.14%	145,860.70	372,651.00	39.14%
5510 · Integrated Reg. Water Mgt Plan	0.00	5,000.00	27.04%	1,352.00	5,000.00	27.04%	1,352.00	5,000.00	27.04%
6000 · SPECIAL PROJECTS									
6062 · SCADA	0.00	25,000.00	1.32%	331.07	25,000.00	1.32%	331.07	25,000.00	1.32%
6090 · COMB Office Building	0.00	200,000.00	1.38%	2,760.83	200,000.00	1.38%	2,760.83	200,000.00	1.38%
6096 · SCC Structure Rehabilitation	0.00	240,000.00	0.16%	386.99	240,000.00	0.16%	386.99	240,000.00	0.16%
6097 · GIS and Mapping	0.00	10,000.00	20.5%	2,050.00	10,000.00	20.5%	2,050.00	10,000.00	20.5%
6105 · ROW Management Program	0.00	20,000.00	67.5%	13,500.25	20,000.00	67.5%	13,500.25	20,000.00	67.5%
6109 · NP Jet Flow Control Valve	0.00	874.80		874.80	0.00		874.80	0.00	100.0%
6111 · Mission Crk Pipe Temp Repair	0.00	150,000.00	3.65%	5,468.00	150,000.00	3.65%	5,468.00	150,000.00	3.65%

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

	Fisheries			Operations			TOTAL		
	Jul - Oct 15	Budget	% of Budget	Jul - Oct 15	Budget	% of Budget	Jul - Oct 15	Budget	% of Budget
6118 · Repair Lateral 3 Structure	0.00			0.00	20,000.00	0.0%	0.00	20,000.00	0.0%
6120 · Emergency Pumping Fac Project	0.00			419,657.01	2,709,250.00	15.49%	419,657.01	2,709,250.00	15.49%
6122 · Rehab San Antonio Crk Blow-off	0.00			0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
6123 · Sheffield Tunnel Insp/Eval SCC	0.00			0.00	100,000.00	0.0%	0.00	100,000.00	0.0%
6124 · SP Slope Stabilization	0.00			0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
6127 · Encroachment-Tree/Veg Overgrow	0.00			0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
6128 · Lauro Tunnel Pipe Support Eval	0.00			0.00	30,000.00	0.0%	0.00	30,000.00	0.0%
6129 · Rehab SCC LR Lateral Structures	0.00			0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
6130 · NP Slope Stabilization	0.00			0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
Total 6000 - SPECIAL PROJECTS	0.00			445,028.95	3,689,250.00	12.06%	445,028.95	3,689,250.00	12.06%
6200 · FISHERIES ACTIVITIES									
6201 · FMP Implementation	7,043.54	100,000.00	7.04%	0.00			7,043.54	100,000.00	7.04%
6202 · GIS and Mapping	1,130.40	10,000.00	11.3%	0.00			1,130.40	10,000.00	11.3%
6203 · Grants Technical Support	0.00	10,000.00	0.0%	0.00			0.00	10,000.00	0.0%
6204 · SYR Hydrology Technical Support	1,582.57	10,000.00	15.83%	0.00			1,582.57	10,000.00	15.83%
6205 · USGS Stream Gauge Program	18,750.00	77,000.00	24.35%	0.00			18,750.00	77,000.00	24.35%
6206 · Tri County Fish Team Funding	0.00	5,000.00	0.0%	0.00			0.00	5,000.00	0.0%
6207 · Oak Tree Restoration Program	1,677.28	100,000.00	1.68%	0.00			1,677.28	100,000.00	1.68%
6209 · SYR Riverware Model/Peer Review	0.00	0.00	0.0%	0.00			0.00	0.00	0.0%
6211 · SYR RiverWare Model Use	0.00	0.00	0.0%	0.00			0.00	0.00	0.0%
Total 6200 - FISHERIES ACTIVITIES	30,183.79	312,000.00	9.67%	0.00			30,183.79	312,000.00	9.67%
6300 · HABITAT ENHANCEMENT									
6303 · Tributary Projects Support	0.00	20,000.00	0.0%	0.00			0.00	20,000.00	0.0%
6312 · Quiota Creek Crossing 0 (a&b)	150.00	810,000.00	0.02%	0.00			150.00	810,000.00	0.02%
6313 · Quiota Creek Crossing 3	491,878.98	930,000.00	52.89%	0.00			491,878.98	930,000.00	52.89%
6314 · Quiota Creek Crossing 4	0.00	30,000.00	0.0%	0.00			0.00	30,000.00	0.0%
6315 · Quiota Creek Crossing 8	0.00	30,000.00	0.0%	0.00			0.00	30,000.00	0.0%
Total 6300 - HABITAT ENHANCEMENT	492,028.98	1,820,000.00	27.04%	0.00			492,028.98	1,820,000.00	27.04%
Total Expense	863,677.81	3,137,645.00	27.53%	915,824.40	5,651,050.00	16.21%	1,779,502.21	8,788,695.00	20.25%
Net Income	-518,475.81	0.00	100.0%	1,356,627.21	0.00	100.0%	838,151.40	0.00	100.0%

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

www.treasurer.ca.gov/pmia-laif/laif.asp
November 02,
2015

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PIIA Average Monthly Yields

Tran Type Definitions

October 2015 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
10/15/2015	10/14/2015	QRD	1481145	SYSTEM	872.22

Account Summary

Total Deposit:	872.22	Beginning Balance:	1,331,873.57
Total Withdrawal:	0.00	Ending Balance:	1,332,745.79

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 October, 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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CACHUMA O&M BOARD

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 09/30/15	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 10/30/15	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 October, 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



THE BANK *of Santa Barbara*

12 East Figueroa Street, Santa Barbara, CA 93101
Tel: 805. 730.7860 WWW.BANKOFSANTABARBARA.COM

008 00001 00 PAGE: 1
ACCOUNT: XXXXXXXXXXXX1543 10/30/2015
DOCUMENTS: 0

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CACHUMA O&M BOARD

CACHUMA OPERATION AND MAINTENANCE BOARD
WARREN ACT TRUST 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 XXXXXXXXXXXX1543

		LAST STATEMENT 09/30/15	327,671.52
MINIMUM BALANCE	327,671.52	1 CREDITS	16,684.00
AVG AVAILABLE BALANCE	337,681.92	DEBITS	.00
AVERAGE BALANCE	337,681.92	THIS STATEMENT 10/30/15	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 October, 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

comb2
Paid Claims
As of October 31, 2015

Date	Num	Name	Memo	Amount
1050 - GENERAL FUND				
10/02/2015	23995	Calif Regional Wtr Quality Control Board	401 Permit-Mission Creek	-200.00
10/02/2015	23996	City of SB-Community Development Dept	Permit Application-Mission Creek	-158.00
10/02/2015	23997	Peter Lapidus Construction, Inc.	Mobilization/erosion control-QC Xng 3	-45,600.00
10/02/2015	23998	Select Staffing	Admin Assistant I position W/E 9/27/15-Final	-1,856.09
10/08/2015	24000	ACWA-Joint Powers Insurance Authority	Workers Comp Program 7/1-9/30/15	-9,166.00
10/08/2015	24001	All Around Landscape Supply	Straw wattle/stakes-storm water erosion protection(Ops)	-1,443.20
10/08/2015	24002	Association of Ca Water Agencies/JPIA	Nov Health Benefits coverage	-22,624.27
10/08/2015	24003	AT&T	Sep charges	-498.63
10/08/2015	24004	City of Santa-Barbara	Trash/Recycle-Sep 2015	-217.82
10/08/2015	24005	Cox Communications	Business internet-Oct	-195.00
10/08/2015	24006	Dal Pozzo Tire Corp.	Tire-water trailer	-215.63
10/08/2015	24007	Draganchuk Alarm Systems	Alarm monitoring 10/1-12/31/15	-82.50
10/08/2015	24008	ECHO Communications	Monthly answering service	-62.00
10/08/2015	24009	Employee Relations, Inc.	Background/verification-(Ops)	-84.10
10/08/2015	24010	GE Capital	Copier lease agmts	-564.24
10/08/2015	24011	Goleta Building Materials, Inc.	3/4" base-SP road culvert repair (Ops)	-113.40
10/08/2015	24012	Harrison Hardware	Batteries for frog surveys equip-QCX3	-28.06
10/08/2015	24013	Harwood White	Sep mtg fees	-265.54
10/08/2015	24014	Home Depot Credit Services	Equip mtce replacement parts/tools/fencing-straw QCX3	-772.44
10/08/2015	24015	J&C Services	Ofc cleaning services-Sep	-600.00
10/08/2015	24016	Kevin D. Walsh	Sep mtg fees	-481.83
10/08/2015	24017	Lauren W. Hanson	Sep mtg fees	-535.00
10/08/2015	24018	MarBorg Industries	Portable toilets-outlying stations	-328.37
10/08/2015	24019	MCT Trailers	Dust cap-equip	-10.70
10/08/2015	24020	O'Reilly Automotive, Inc.	Veh battery/9Volt/cables/shop towels/booster cable	-212.71
10/08/2015	24021	OS Systems, Inc.	Dry suit repair (Fish)	-189.35
10/08/2015	24022	Polly Holcombe	Sep mtg fees	-544.54
10/08/2015	24023	Praxair Distribution, Inc	Cylinder rental (acetylene for welder)	-68.59
10/08/2015	24024	Prudential Overall Supply	Mats/scrapers-Sep	-100.56
10/08/2015	24025	Reserve Account	Postage refill	-400.00
10/08/2015	24026	Southern California Edison	Main office/outlying stations	-1,856.15
10/08/2015	24027	Staples Contract and Commercial, Inc.	Office supplies	-368.84
10/08/2015	24028	Tri-Co Reprographics	Copies-Xng 3 (Fish)	-215.28
10/08/2015	24029	Underground Service Alert of So. Calif.	84 Ticket charges	-126.00
10/08/2015	24030	Verizon California	Main office/outlying stations	-529.61
10/08/2015	24031	W. Douglas Morgan	Sep mtg fees	-418.51
10/08/2015	24032	Wright Express Fleet Services	Fleet fuel	-1,773.65
10/08/2015	24033	Culligan of Sylmar	Monthly RO system-Oct	-24.95
10/08/2015	24034	Paychex, Inc.	9/11, 9/25 payrolls/taxes/deliveries	-313.27
10/13/2015	24035	State Water Resources Control Brd	CGP NOI AppID 463533 (Quiota Crk Crossing)	-513.00
10/13/2015	24036	Crop Production Services, Inc	Soil-materials/supplies-Oak Tree program	-69.53
10/13/2015	24037	Southern California Edison	Outlying stations	-56.57
10/13/2015	24038	Verizon California	SCADA	-530.65
10/13/2015	24039	Verizon Wireless	Cellular/USB's/modems	-555.40
10/19/2015	24040	Coastal Copy, LP	Copier mtce agmt	-302.32
10/19/2015	24041	Pacific Coast Jiffy Lube	Full service-1500 Silverado	-109.09
10/19/2015	24042	Pitney Bowes, Inc.	USPS tracking labels	-10.99
10/19/2015	24043	Sansum Clinic-Occupational Medicine	Pre-employment physical-JLP	-299.00
10/19/2015	24044	Southern California Edison	Foothill Rd	-26.59
10/19/2015	24045	The Bank of Santa Barbara	Loan interest pymt #15-Oct	-6,503.29
10/20/2015	24046	Musick, Peeler & Garrett LLP	General Counsel-Jul/Aug	-12,711.93
10/20/2015	24047	Turenchalk Network Services, Inc.	IT services-Sep	-1,113.50
10/20/2015	24048	Cushman Contracting Corp.	Emerg Pumping System: Pay Req#17 (Rev)-Phase II	-105,700.00

comb2
Paid Claims
As of October 31, 2015

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
10/21/2015	24049	Bob Murray & Associates	GM Recruitment-ads/mailings	-433.83
10/21/2015	24050	PG&E	Tecolote Tunnel/North Portal electricity	-333.76
10/23/2015	24051	Orchard Business/SYNCB	Vehicle mtce/road mtce materials & supplies	-75.87
10/23/2015	24052	Van Sande Structural Consultants, Inc.	Main office-structural evaluation	-2,422.50
Total 1050 · GENERAL FUND				<u>-225,012.65</u>
TOTAL				<u>-225,012.65</u>

APPROVED FOR PAYMENT

_____ Director

_____ Director

_____ Director

FINANCE COMMITTEE

comb2
Pending Claims for Payment
As of October 31, 2015

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Memo</u>	<u>Due Date</u>	<u>Amount Due</u>
Musick, Peeler & Garrett LLP					
Bill	10/09/2015	286938	General Counsel-CalTrout-Sep	11/08/2015	715.00
Bill	10/09/2015	286937	General Counsel-Sep	11/08/2015	5,986.32
Total Musick, Peeler & Garrett LLP					<u>6,701.32</u>
TOTAL			TOTAL CLAIMS PENDING PAYMENT OCT	\$	<u>6,701.32</u>

APPROVED FOR PAYMENT

_____ Director

_____ Director

_____ Director

FINANCE COMMITTEE

CACHUMA OPERATION & MAINTENANCE BOARD

Fisheries Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Friday, October 23, 2015
2:00 PM

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. Formal Request for Fisheries Data from U.S. Bureau of Reclamation
4. Review Dr. Carlos Garza's Role in the Fisheries Program
5. Overview of Fish Passage Improvement Project – Quiota Creek, Crossing 8
6. Hilton Creek Return-Flow System
7. 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

Lake Cachuma Oak Tree Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

**Wednesday, November 11, 2015
9:20 a.m.**

***THIS IS SPECIFICALLY A TOUR OF THE OAK TREE RESTORATION
PROJECT. THE COMMITTEE WILL CONVENE AT THE
BRADBURY DAM OVERLOOK SITE***

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. Tour of the Oak Tree Restoration Project-VariouS Sites
4. Adjournment

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

CACHUMA OPERATION & MAINTENANCE BOARD
BOARD MEMORANDUM

Date:	November 16, 2015
Submitted by:	Janet Gingras

SUBJECT: **EMERGENCY PUMPING FACILITY PROJECT**
Resolution No. 609 Extending Project Expenditure Date

SUMMARY:

The Governing Board took action to approve Resolution No. 577 in April 2014, which included an authorized capital expenditure for the Emergency Pumping Facilities Project (EPFP) in an amount not-to-exceed Six Million Dollars (\$6,000,000), to be budgeted and paid over two (2) fiscal years from July 1, 2013 through June 30, 2015.

Resolution No. 608, approved by the Board on August 24, 2015, increased the capital expenditure authorization for the project by \$638,000 to an amount not-to-exceed \$6,638,000, and extended the approved project expenditure date through December 31, 2015.

Cumulative expenditures for the project through October 31, 2015 total approximately \$5,990,000. The remaining expenditure authority is sufficient to provide for operational and engineering oversight costs through March 2016 at the site one (1) location. Resolution No. 609 would extend the project expenditure date through March 31, 2016 for operational activities and engineering oversight on the EPFP.

FISCAL IMPACT:

N/A

LEGAL CONCURRENCE:

General Counsel developed Resolution No. 609.

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATIONS:

The Board adopt Resolution No. 609 to extend the project expenditure date through March 31, 2016 for the Emergency Pumping Facility Project at the site one (1) location.

LIST OF EXHIBITS:

- 1) Resolution No. 609

RESOLUTION NO. 609

**RESOLUTION OF THE GOVERNING BOARD OF THE
CACHUMA OPERATION & MAINTENANCE BOARD APPROVING THE
EXTENSION OF APPROVED EXPENDITURES FOR THE DROUGHT EMERGENCY
PUMPING FACILITY PROJECT THROUGH MARCH 31, 2016**

WHEREAS, the Cachuma Operation & Maintenance Board (“COMB”) is a joint powers authority and public entity, organized and existing in the County of Santa Barbara in accordance with Government Code Section 6500 et seq., and operating pursuant to the 1996 Amended and Restated Agreement for the Establishment of a Board of Control to Operate and Maintain the Cachuma Project - Cachuma Operation And Maintenance Board, dated May 23, 1996 (“Amended and Restated Agreement”), as amended by an Amendment to the Amended and Restated Agreement made effective September 16, 2003 (collectively the “Joint Powers Agreement”); and

WHEREAS, COMB operates and maintains Cachuma Project facilities pursuant to a Transfer of Operation and Maintenance Contract with the United States Bureau of Reclamation; and

WHEREAS, the Member Agencies of COMB consist of the City of Santa Barbara, the Goleta Water District, the Montecito Water District, the Carpinteria Valley Water District (collectively herein the “South Coast Member Agencies”), and the Santa Ynez River Water Conservation District, Improvement District No. 1 (“ID No. 1”); and

WHEREAS, on January 17, 2014 the Governor of the State of California proclaimed a state of emergency due to current drought conditions, and on March 1, 2014, the Governor signed into law emergency drought legislation that finds and declares that California is experiencing an unprecedented dry period and shortage of water for its residents, local governments, agriculture, the environment and other uses; and

WHEREAS, there exist severe drought conditions in the South Coast geographic area served by COMB, and should such conditions persist, water levels in Cachuma Lake will continue to diminish and water in the reservoir will not be able to gravity flow to the existing Cachuma Lake inlet tower, which comprises a portion of the Cachuma Project facilities; and

WHEREAS, it is necessary for COMB to continue to undertake emergency action to cause and allow the pumping of water through installation of a floating platform mounted system to the existing lake inlet tower, the re-establishment of service of an existing water entry gate, and related actions thereto (the “Emergency Project”), thereby ensuring the continued use of the Cachuma Lake reservoir until reservoir levels return to a normal operating level, and ensuring the continuing conveyance and supply of Cachuma Lake Project water through the intake tower to the Tecolote Tunnel/South Coast Conduit and then to the South Coast Member Agencies for distribution to their customers and residents; and

WHEREAS, on April 16, 2014 and on May 7, 2014, the Governing Board unanimously adopted Resolution Nos. 576 and 577, respectively, which among other things approved the Emergency Project; authorized a capital expenditure in excess of One Million Dollars (\$1,000,000) for the Emergency Project, and a total Emergency Project expenditure not to exceed Six Million Dollars (\$6,000,000), to be budgeted and paid over two (2) fiscal years from July 1, 2013 through June 30, 2015; authorized COMB to incur indebtedness for the Emergency Project in an amount not to exceed Six Million Dollars (\$6,000,000), with repayment of such indebtedness to COMB by South Coast Member Agencies (and not ID No. 1) pursuant to an April 16, 2014 Indemnification Agreement separately approved by the Governing Board; as between the South Coast Member Agencies; with the aforesaid approvals of such COMB expenditures and incurring of indebtedness contingent upon ratification by each and every Member Agency of COMB; allocated the costs of the Emergency Project to South Coast Member Agencies according to respective percentage allocations as specified therein, with the Electrical Power Component of the cost of the Emergency Project allocated on a modified basis following commencement of operation of the Emergency Project until its end; selected both Cushman Contracting Corporation (“Cushman”) as the contractor for the Emergency Project and HDR as COMB’s Project Oversight Engineering Firm; and authorized COMB’s officers and staff, including the General Manager, to enter into a Contract Agreement with Cushman, issue Notices to Proceed for Phases One and Two of the Emergency Project, and to take other necessary and appropriate steps to implement the Emergency Project; and

WHEREAS, Cushman thereafter undertook and completed design, site mobilization and construction of the Emergency Project; and

WHEREAS, additional work by Cushman is necessary for the Emergency Project to become fully operational, including engineering oversight provided by HDR as COMB’s Project Oversight Engineering Firm, and operation and maintenance of the Emergency Project (“Additional Work”); and

WHEREAS, through June 30, 2015, cumulative expenditures for the Emergency Project totaled approximately Five Million Five Hundred Thousand Dollars (\$5,500,000); and

WHEREAS, COMB in its adopted Fiscal Year 2015-2016 budget has appropriated a total additional amount of approximately Two Million Seven Hundred Thousand Dollars (\$2,700,000) that could potentially be expended for the Additional Work; and

WHEREAS, COMB estimated that such expenditures for the Additional Work would involve approximately Six Hundred Thirty-Eight Thousand Dollars (\$638,000) during the period between July 1, 2015 and December 31, 2015, with the total actual expenditure for the Emergency Project anticipated to increase to approximately Six Million Six Hundred Thirty-Eight Thousand Dollars (\$6,638,000); and

WHEREAS, on August 24, 2015, the Governing Board unanimously adopted Resolution No. 608, which, among other things, approved and authorized the requested expenditure for Additional Work, and an increase in the total expenditure by COMB not to exceed Six Million Six Hundred Thirty-Eight Thousand Dollars (\$6,638,000), for implementation of the Emergency

Project through December 31, 2015. The Governing Board further found and determined that, consistent with prior Resolution Nos. 576 and 577, the cost of the Emergency Project shall continue to be allocated among the South Coast Member Agencies in accordance with their respective percentage allocations set forth in prior Resolution Nos. 576 and 577, namely, Goleta Water District, 40.42%; City of Santa Barbara, 35.88%; Carpinteria Valley Water District, 12.20%; and Montecito Water District, 11.50%. In addition, pursuant to the April 16, 2014 Indemnification Agreement referenced herein, the Governing Board further found and determined that ID No. 1 shall not bear any portion of the cost of the Emergency Project.

WHEREAS, given the continuing severe drought conditions, such approved expenditures for the Additional Work are necessary and anticipated to continue during the period between December 31, 2015 and March 31, 2016; and

WHEREAS, the Governing Board desires to authorize and approve that the previously approved expenditures for the Emergency Project be continued during the time period December 31, 2015 through March 31, 2016, which will include operational and related costs regarding the floating platform (or “barge”) in its current location;

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF COMB AS FOLLOWS:

1. The Governing Board finds and determines that the facts set forth in the above recitals and in the documents referenced herein are true and correct.

2. The Governing Board approves and authorizes that the previously approved expenditures for Additional Work, not to exceed Six Million Six Hundred Thirty-Eight Thousand Dollars (\$6,638,000), for implementation of the Emergency Project, be continued during the time period December 31, 2015 through March 31, 2016.

3. The Governing Board further finds and determines that, consistent with prior Resolution Nos. 576, 577 and 608, the cost of the Emergency Project shall continue to be allocated among the South Coast Member Agencies in accordance with their respective percentage allocations set forth in prior Resolution Nos. 576, 577 and 608, namely, Goleta Water District, 40.42%; City of Santa Barbara, 35.88%; Carpinteria Valley Water District, 12.20%; and Montecito Water District, 11.50%. In addition, pursuant to the April 16, 2014 Indemnification Agreement referenced herein, ID No. 1 shall not bear any portion of the cost of the Emergency Project.

4. The Governing Board further finds and determines that, consistent with prior Resolution Nos. 577 and 608, and notwithstanding the respective percentage allocations set forth in Paragraph 3, the South Coast Member Agencies shall be responsible on a different basis for that component of the Emergency Project cost attributable to electrical power costs for the pumping of water (“Electrical Power Component”). For purposes of COMB’s budget, the Electrical Power Component shall be allocated and billed to each of the South Coast Member Agencies in the respective percentage allocations set forth in Paragraph 3. However, at the end of the first six (6) month period after commencement of operation of the Emergency Project, and

for every six (6) month operating period (or shorter) thereafter until the end of the Emergency Project, each South Coast Member Agency's percentage of total water actually delivered to that particular Member Agency through the Emergency Project facilities shall be compared to its respective percentage allocation set forth in the preceding paragraph. Based on such evaluation, each South Coast Member Agency's share and liability for the Electrical Power Component shall thereafter be adjusted to reflect the percentage of total water actually delivered to the member Agency through the Emergency Project facilities.

5. The Governing Board further authorizes COMB's officers and staff, including the General Manager, to continue to do all things necessary and appropriate [including but not limited to execution and delivery of documents, the processing and continuing execution of the Contract Agreement and any changes thereto, the obtaining of necessary permits, the filing of environmental documents, and any other actions] to implement the Emergency Project.

6. This Resolution amends prior Resolution Nos. 576, 577 and 608 by approving, authorizing and extending the expenditure of previously approved expenditures for the Emergency Project through March 31, 2016.

PASSED, APPROVED AND ADOPTED by the Governing Board of the Cachuma Operation and Maintenance Board, this 16th day of November 2015, by the following roll call vote:

Ayes:

Nays:

Abstain:

APPROVED:

President of the Governing Board

ATTEST:

Secretary of the Governing Board



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.”

November 16, 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 recruitment brochure has been produced and distributed to various potential candidates. As of October 10th, Bob Murray & Associates had received eighteen applications for the open position. The final filing deadline for the online application submittal is November 20, 2015.

Personnel

- AWCA Region 5 Event

COMB staff assisted in facilitating the Sunday tour of Lake Cachuma for the many interested participants who attended the ACWA Region 5 event – The Lake Cachuma Project: Past, Present and Future. In particular, Tim Robinson, Dave Stewart and Amy Smith were extremely helpful in providing assistance for the event. A letter was received from Dick Quiqley, ACWA Region 5 Chair, acknowledging COMB for the tour assistance and for providing the program brochure and display of historical photos of the Cachuma Project for local and extended water community participants.

Cachuma Member Unit Managers Meeting

The Cachuma Member Unit Managers meeting is hosted by the Santa Barbara County Water Agency and scheduled for the first Wednesday of each month. I have attended the past several meetings and participated in discussions centered on items such as Cachuma remaining water estimates, Member Agency tracking process, assumptions for evaporative losses and barge relocation options. Most recently, the discussion included ideas surrounding the preparation of a technical memorandum containing elements related to projected lake levels, storage volume, water quality at various levels, and key barge location operational elevations. The evaluation of options related to implementation of a bypass pipeline for conveyance of state water or supplemental water was also discussed.

I provided the group with a graph of projected lake elevations and storage volumes per month through Water Year (September) 2016 based on the Member Agencies' recent demand projections. I also provided a map of the lake with bathymetric details outlining the barge location at site one and site two in relation to the minimum pool footprint. The discussion focused on the continuance of utilizing the lake as a conveyance facility for state or supplemental water deliveries. HDR Engineering will be preparing the technical memorandum to inform the group. The next meeting is scheduled to be held in early December.

Financial

- Semi-Annual Water Rate Invoice

COMB is in receipt of the Annual Water Rate Worksheets for Water Year 2016 which contain information relative to the semi-annual invoices for Cachuma Project entitlement. The 2016 Cost of Service was based on Fiscal Year 2015 water delivery projections less twenty percent. Since the capital portion of the project has been paid off effective September 2015, the costs reflected in the 2016 water rates are fixed costs affiliated with Reclamation's projected O & M costs. For example, the 2013-14 water rates equated to \$2,346,000 and 2014-15 were \$2,272,000, even with a 55% entitlement reduction request. For 2015-16, the water rate invoice is \$977,000.

Explanation on the formulation of rates has been requested from Reclamation and will be confirmed once received.

- Hilton Creek Operation and Maintenance Costs / Cachuma Project Budget Process

A written request for detailed information regarding the Hilton Creek Water System (HCWS) historical operation and maintenance costs and the Cachuma Project annual budget process has been sent to Reclamation. The Cachuma Project Financial Statements provide general information pertaining to overall expenses affiliated with the Project, but do not provide the detail needed for determining where the expenses were recorded and whether or not those expenses impact water rates. The response from Reclamation indicated communication with staff from the Regional office, as well as the Fresno office, is underway. Information will be made available to the Board as soon as it is received from Reclamation.

- Audit Fieldwork

The fiscal year 2014-15 audit fieldwork has been completed with the exception of a few outstanding items for staff production. The draft audit will be presented to the Administrative Committee for review following comprehensive internal review by Bartlett, Pringle & Wolf, LLP.

Operations Division

- Drought Emergency Pumping Facility Project (EPFP)

As of October 10th, the EPFP is operating at site one location with an operating depth of just over twenty-one feet. Water quality is the primary concern and has been acceptable to date. The system is functioning precisely as originally designed.

Dan Ellison, HDR Project Engineer, is in the process of updating the technical memorandum related to the EPFP with details regarding various lake levels and utilizing the lake as the conveyance facility for state water or supplemental water ordered on behalf of the Member Agencies.

The Department of Water Resources (DWR) and State Water Resources Control Board (SWRCB) Grant reimbursement requests for the EPFP have been submitted by the Member Agencies to the respective grantors. Proposition 84 IRWMP grant deliverables are in the process of being submitted by COMB to DWR for reimbursement.

- South Coast Conduit Emergency Stabilization Project – Mission Creek

The emergency stabilization project on the South Coast Conduit at Mission Creek commenced on October 13th and was completed on October 26th. Dudek prepared the concept drawings and the permit applications. Granite Construction performed the work under budget and within an aggressive construction schedule. Final deliverables are being processed for submittal to the various regulatory agencies for project close-out.

- Gibraltar Fire

The Gibraltar Fire started in the early morning hours of Thursday, October 29th and was eventually contained to twenty-one acres in the Los Padres National Forest, one-half mile off East Camino Cielo and west of Montecito Peak. Helicopters deployed by the U.S. Forest Service and Cal-Fire extracted water from Lauro Reservoir for fire-fighting efforts. All helicopters were in compliance with quagga mussel control measures and procedures. Staff estimates 360,000 gallons were used for this incident.

Fisheries Division

- Historical Quiota Creek Project Costs

Staff is compiling information necessary to complete a matrix on project costs and grant reimbursements associated with all Quiota Creek crossings which have been completed to date. Once completed, this item will be reviewed, as requested previously by the Fisheries Committee, and then submitted to the Board.

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: November 16, 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 October was 1,641.5 acre-feet, for an average daily flow of 52.9 acre-feet. Lake elevation was 669.57 feet at the beginning of the month and 667.64 feet at the end. Storage change decreased 1,959 acre-feet. CCWA wheeled 0.0 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 – Responded as necessary to alerts
- Pesticide report to County of Santa Barbara
- Operational tests of generators at the North Portal and at Lauro Yard
- Inspection of fire extinguishers
- Read anodes and rectifier data
- Water samples taken at Lake Cachuma
- Meter calibration and flushing performed on all Venturi meters

Weekly Safety Meetings:

The primary purpose of the weekly safety meetings is to continue 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:

- ✓ Don't miss the near misses
- ✓ Chainsaw safety
- ✓ Chainsaw training
- ✓ Caught or crushed injuries

COMB Operations Staff specifically performed the following activities:

- Diligently working to prepare for the wet months of the coming winter by continuing the storm preparedness efforts along the South Coast Conduit.
- Conducted rehabilitation and re-design work on the drains and drop inlets along the road around Lauro Reservoir. It's critical that these drains remain in working order, considering that the inlets connect to the underdrain system, which also captures and re-routes storm water at the Reservoirs debris basin. If this underdrain system does not function properly, storm water could potentially build up overtop the debris basin dam and create an undesirable inflow of water into Lauro Reservoir. (Photos below)
- Cleaning of all valve pits at Lauro, Sheffield, Ortega, and Carpinteria Reservoirs. In preparation for rain events, the cleaning of these pits includes: removal of all debris and leaves, ensuring that the pit drains are in working order, and that the flood alarms connected to the SCADA system are in working order. Ensuring that these valve pits drain properly is especially crucial since there are electrically-operated assets within that could suffer damage in the event of flooding.
- Conducted a chainsaw training and tree felling exercise at the North Portal site in which staff could acquire hands-on training of proper chainsaw use, as well as how to safely handle and cut with these power tools. Staff removed some deceased trees that were a falling hazard to the North Portal building and the blower system used to supply fresh air during Tecolote Tunnel inspections.
- Clearing of drains and drop inlets at the North Portal site was completed to ensure that the access roadway does not suffer any damage in heavy rainfall events.
- Extensive Storm preparation was completed at the Ortega Reservoir and Carpinteria Reservoir sites. This work consisted primarily of installing wattle on bare hillsides and clearing excess brush and dirt from around storm drains and drop inlets and was completed to help minimize potential damage from mud slides or silt sloughing in the event of heavy rainfall.
- Attended a Confined Space Training course, directed by Lee Patton from ACWA/JPIA. The training was located at the main office of the Carpinteria Valley Water District headquarters.
- Granite Construction was contracted by COMB to repair the exposed section of the South Coast Conduit at Foothill and Mission Creek. (photos below)
- Continually inspect 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

Lauro Reservoir Drain Rehabilitation Project



Mission Creek SCC Exposed Pipe Repair



CACHUMA OPERATION AND MAINTENANCE BOARD
BOARD MEMORANDUM

DATE: November 16, 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, the foundations were finished within 2 weeks, the bridge was installed on 10/29/15, a portion of the stream work has been completed and the contractor is on track to finish the project on time during the first week of December.
- Hilton Creek Emergency Backup System was successfully tested for three days (10/20-23/15); completion and full system operation is expected by the end of January 2016.

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 the HDR design engineer met with one of the landowners who we hope will then discuss the merits of the latest design with the other landowner. Once we have agreement on the design, we will submit the designs to NMFS/CDFW for their review and begin the permit process. The objective is to build the project in the fall of 2016.

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

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

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

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

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

Hilton Creek Watering System (HCWS) Repairs and Upgrades 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.

Table 1: List of HCWS repairs and upgrades as reviewed by USBR Management on 11/10/15.

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

Surcharge Water Accounting

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

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

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage Supplementation	3,200	0	3,200
Adaptive Management	500	149	351
Fish Rearing***	5,484	5,484	0
Project Yield		13,465	
Total:	9,184	19,098	3,551
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 10/31/15.			
*** 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. COMB's Senior Resource Scientist gave an invited talk on the Santa Ynez River Hydrology to the Santa Ynez Valley Natural History Society on 10/29/15 that was well attended and received.

Consultant Activity Summary:

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

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

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

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

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

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	November 16, 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 January 1, 2015 to the present (1/1/15 – 11/16/15, Table 1). Labor and expenses for the entire fiscal year (July 2014 - June 2015) as well as water usage will be tracked separately but not reported as recommended by the COMB Board Lake Cachuma Oak Tree Committee. COMB staff continues to rely on the Fisheries Division seasonal employees to conduct the majority of oak tree work in the field. The inventory of all trees planted 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*
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
Year 3 Oaks (2007-2008)	Irrigated Weeded							Irrigated Fertilized
Year 2 Oaks (2006-2007)		Irrigated Weeded	Irrigated Weeded					
Year 1 Oaks (2005-2006)		Irrigated Weeded	Irrigated Weeded					

*November work included annual oak tree inventory

The planting of new oak trees (Year 7) during the fall of 2014 and winter of 2015 has been completed with 906 trees planted. Trees were planted at an approximate ratio of 90% Coast Live Oaks and 10% Valley Oaks. The Fisheries Division completed 6 full rounds of irrigation on the new oak trees, and will continue watering throughout the fall as needed to ensure maximum survival of the new trees over the dry season. COMB staff has started another round of irrigation on all of the older planted oak trees this fall. If early season rainfall is significant, COMB will discontinue watering for the remainder of the calendar year. The fertilization of oak trees has commenced as determined by the soil sample analyses that were conducted at the Bradbury Dam and Storke Flat oak tree planting areas over the summer.

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:	November 16, 2015
Submitted by:	Tim Robinson
Approved by:	Janet Gingras

SUBJECT: Quiota Creek Crossing 3 Fish Passage Improvement Project Update
Request for Change Order Approval

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 upstream landowner at the project site, Mr. Paul Slavik, has recently decided to collaborate by allowing access and work to be done on his property. After a site visit with our design engineer at HDR, the contractor, the landowner and the COMB project manager, a proposal was put forth and approved by the granting agency (CDFW, California Department of Fish and Wildlife) to move a willow tree out of the middle of the stream thalweg to improve flow conveyance under the bridge and install rock slope protection (RSP) on the outer stream bank just upstream of the bridge to protect the bridge and one large oak tree from channel scour. Secondly, the County, just prior to issuing the Encroachment Permit for the project, required an increase in the RSP thickness which increased the unit cost for line item (#17) in the Bid Schedule from \$20.00 to \$25.40 per square foot (sf). These elements constitute Change Order No. 1 (outlined below) approved per COMB change order policy. Work was completed just prior to the bridge installation for ease of excavator access to the upstream area.

Change Order No. 1: Add the required RSP, move a willow tree and install bank slope protection.

		Units	Quantity	Unit Cost	Item Cost	TOTAL
County Requirement						
#17	RSP increase in thickness specification by the County	sf	2500	\$5.40	\$13,500.00	
Field Order 1						
#4	Erosion control - hydroseed	sf	950	\$0.36	\$342.00	
#16	Streambed coursening	sf	800	\$10.00	\$8,000.00	
#17	RSP	sf	700	\$25.40	\$17,780.00	
#18	Instream Grading	sf	1330	\$1.00	\$1,330.00	
	Relocate live willow 8' root ball 14" double trunk including pruning, disposing of limbs and watering	ls	1	\$1,500.00	\$1,500.00	
				Sub-Total:	\$42,452.00	
Bonding(3.2%)					\$1,358.46	
Change-Order 1 TOTAL:						\$43,810.46

Recently, the landowner brought to our attention an erosion scarp 50 yards upstream of the bridge where the stream is eroding away the bank and cutting directly towards the road on the upstream side of the bridge. This is of great concern as the cut if left unabated could migrate through the road and flank the project. A design proposal (Exhibit 1) was immediately put together and submitted to CDFW for review and subsequent approved last Friday (11/6/15). Our project design engineer has determined that this proposed erosion mitigation is necessary to safeguard the project. The landowner is in favor of the project. This proposed work constitutes Change Order No. 2 (outlined below).

Change Order No. 2 (pending): Arrest the identified erosion issue (scarp) upstream of the project site.

		Units	Quantity	Unit Cost	Item Cost	TOTAL
Field Order 2						
#4	Erosion control hydroseed	sf	3500	\$0.36	\$1,260.00	
#17	RSP	sf	750	\$25.40	\$19,050.00	
#18	Instream Grading	sf	3700	\$1.00	\$3,700.00	
#19	Revegetation (mitigation tree holes on top of bank)	ea	4	\$10.00	\$40.00	
	Relocate 6" live willow including pruning, disposing of limbs and watering	ea	4	\$700.00	\$2,800.00	
	Import fill	cy	80	\$65.00	\$5,200.00	
	Fence repair	lf	20	\$17.00	\$340.00	
				Sub-Total:	\$32,390.00	
Bonding(3.2%)					\$1,036.48	
					Change-Order 1 TOTAL:	\$33,426.48

The proposed work will place 2 courses of RSP in front of the erosion scarp, move 4 willow trees out of the middle of the channel placing them in the hole of the erosion scarp that will be leveled out as a planting terrace, straighten the stream thalweg for better flow conveyance and dig several holes to plant mitigation oak trees at the top of bank above the arrested scarp. The work will take approximately 2 days and will be done immediately upon approval.

Since this will exceed a COMB policy change order cap of 10% of the project construction contract, staff seeks Board approval to conduct the necessary bank stabilization effort. The project cost with both change orders (1 and 2) will be well below project revenues and budgeted project cost. Since both change orders have been approved by the granting agency (CDFW) and the project is under budget, costs will be reimbursable through the secured grant.

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

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

Design Engineer: Michael Garelo, HDR Fisheries Design Center.

Resident Engineer: Gino Filippin, Filippin Engineering.

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

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

Status	Time
Notice to Proceed	9/30/2015
Construction start	10/1/2015
Refugio Road closure	10/1/2015
Contract Time (approximate to complete all work)	2 months
Estimated Completion Date	12/4/2015
Number of construction work days (WD*) (expected)	45
Elapsed Time (WD)	33
Remaining Time (WDs to complete all work)	12
Time Elapsed to Date (%)	73%

*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 (Figure 1). The bridge was fabricated at Pre-Con in Simi Valley over a 3 week period (Figures 2 through 5) and then was successfully installed on 10/29/15 (Figures 6 and 7). The instream channel work was completed on 11/6/15 (Figure 9). The graffiti proofing was completed on 11/10/15 (Figure 10).

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 first week in December.

Work Projected for Next Month: Complete the bridge-rail and guardrail installation, conduct the proposed necessary work for the upstream erosion scarp, complete the road base and embankment installation, pave, plant mitigation trees (30 coast live oak), replace existing fencing and hydro-mulch/seed.

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	
Pending 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	
ConTech Bridge (delivered + tax):	\$184,900	
Resident Engineer - Gino Filippin (fabrication) - Invoice 1:	\$444	
Resident Engineer - Gino Filippin (site construction) - Invoice 1:	\$222	
Geotechnical Services (Fugro):	\$2,339	
Resident Engineer - Gino Filippin (fabrication) - Invoice 2:	\$2,760	
Resident Engineer - Gino Filippin (site construction) - Invoice 2:	\$7,076	
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:	\$503,860	\$19,912
Balance to Finish, Plus Retention:	\$258,389	
% of Billed Work Completed to Date:	66%	
* 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:

Board approve change order No. 2 for additional stream work on Quiota Creek Crossing No. 3 for an amount not-to-exceed \$33,427.00.

LIST OF EXHIBITS:

Exhibit 1: HDR Field Directive for Change Order 2.



Project Name:	Quiota Creek Crossing 3	HDR Project Number:	216970
Project Owner:	Cachuma Operations and Maintenance Board	Attn.	Tim Robinson
Contractor:	Lapidus Construction Inc.	Attn.	Pete Lapidus

Attention:

You are hereby directed to promptly execute this Field Order for minor changes in work without changes in Contract Sum or Contract Time.

If you consider that a change in Contract Sum or Contract Time is required, please submit your itemized proposal to COMB immediately and before proceeding with this work. If your proposal is found to be acceptable and in proper order, this Field Order will in that event be superseded by a Change Order.

Reference: Landowner request to improve resistance to bank erosion occurring upstream of project area.

Description:

Contractor shall provide rock toe and vegetated bank revetment as follows:

- Install 1-ton RSP Class toe rock at a depth of 4-ft below existing grade along the contour shown in Figure 1 (Attached)
- Install 4-ft tall lift of 1-ton RSP Class above toe rock lain back at a 2H:1V slope (See Section A)
- Fill bank and voids behind rock with compacted native. Create 4-foot terrace above second course of rock.
- Install live willow stakes and salvaged willows in the terrace fill as the terrace is being constructed.
- Fill remaining height of bank at 2H:1V leaving a smooth planting area at top of bank.
- Excavate hole to accept 4 trees provided by COMB along top of bank.
- Provide full water truck during all planting as directed by COMB.
- Pull back thalweg approximately 10 to 20 feet from toe of slope and create smooth transition at upstream and downstream boundary of work.
- Hydroseed disturbed area as directed in the specifications.
- Salvage and replant up to 4 willows as directed by COMB.
- Protect existing 6 to 8 inch DBH Sycamore in-place.

Attachments:

Figure 1 and Section A.

Receipt Acknowledged: General Contractor

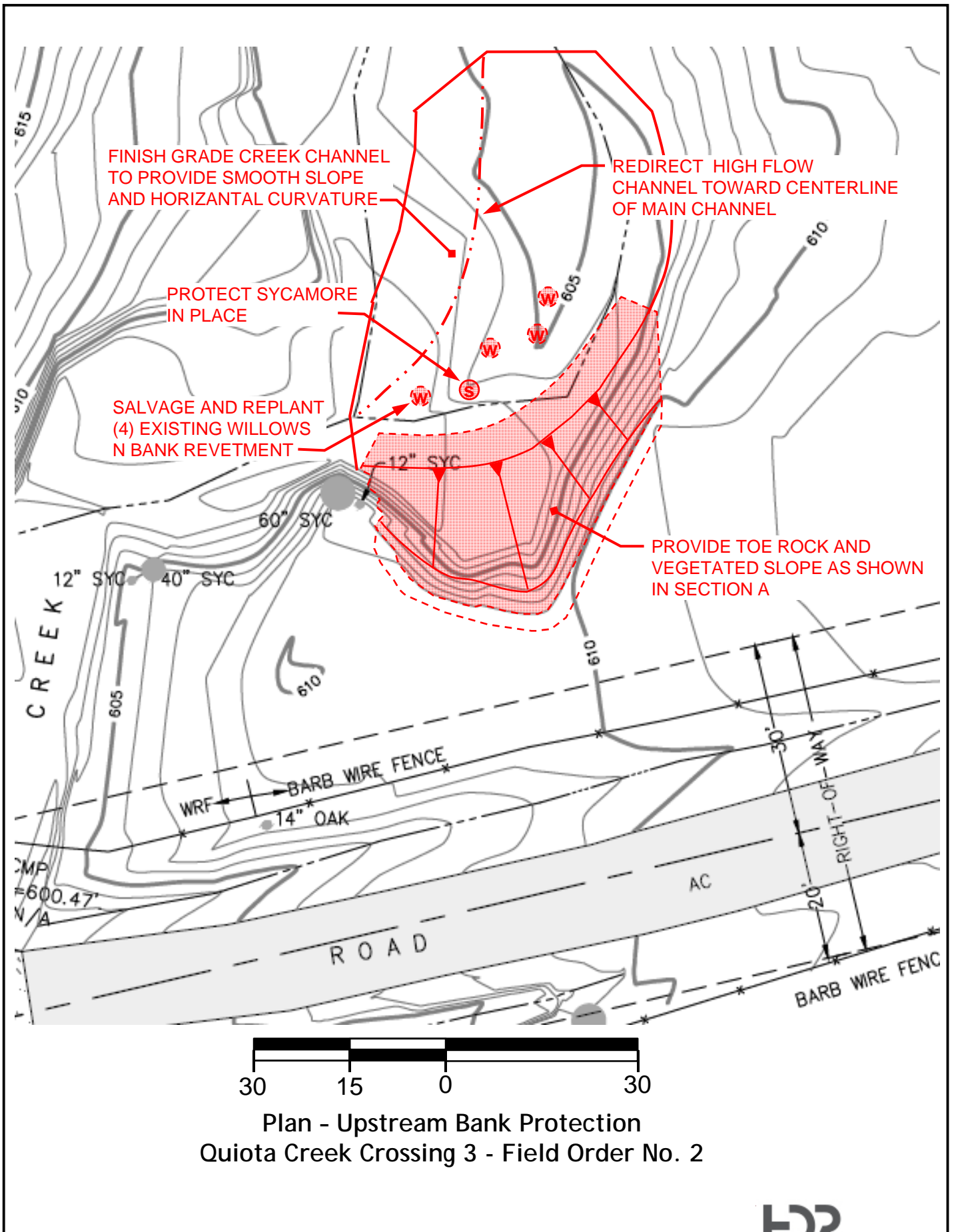
By: HDR Engineering, Inc.

Mike Garelo, PE

Date

Date: 11/05/2015

-EXHIBIT 1-



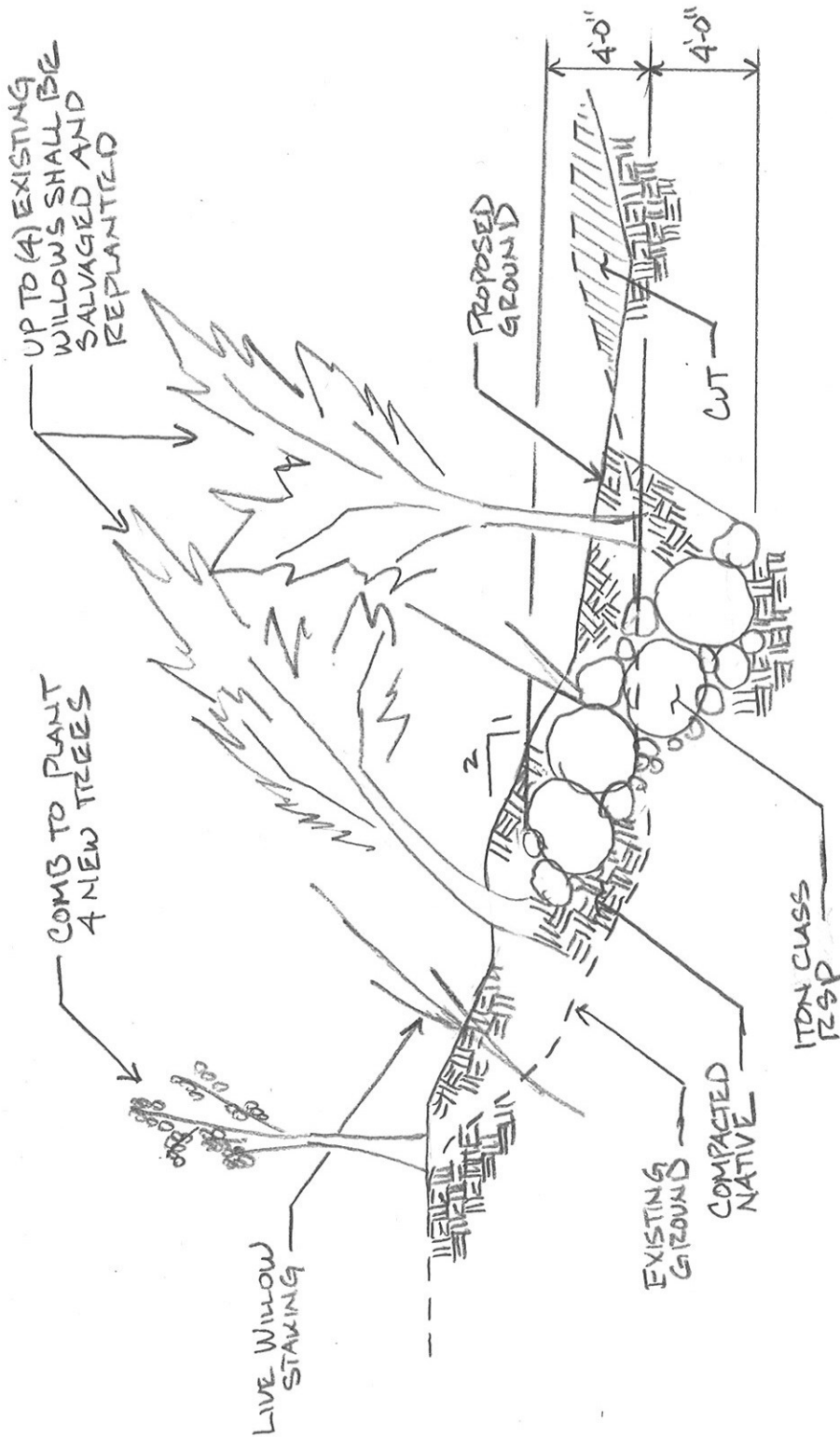
Plan - Upstream Bank Protection
Quiota Creek Crossing 3 - Field Order No. 2



-EXHIBIT 1-



Project: QUIOTA CREEK CROSSING 3 Computed: MCG Date: 11/3/2015
Subject: FIELD ORDER NO. 2 Checked: Date:
Task: VIS BANK PROTECTION Page: of:
Job #: No:



-EXHIBIT 2-

Exhibit 2: Construction photographs:

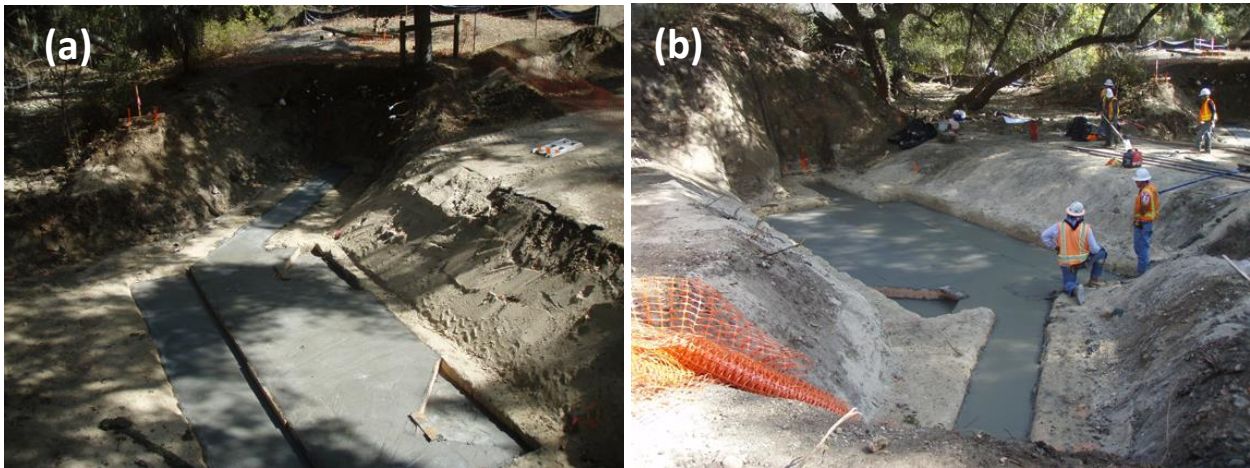


Figure 1: Completed (a) south and (b) north foundations.



Figure 2: Pre-Con bridge fabrication of a (a) one and (b) two soil anchor wing wall.

-EXHIBIT 2-

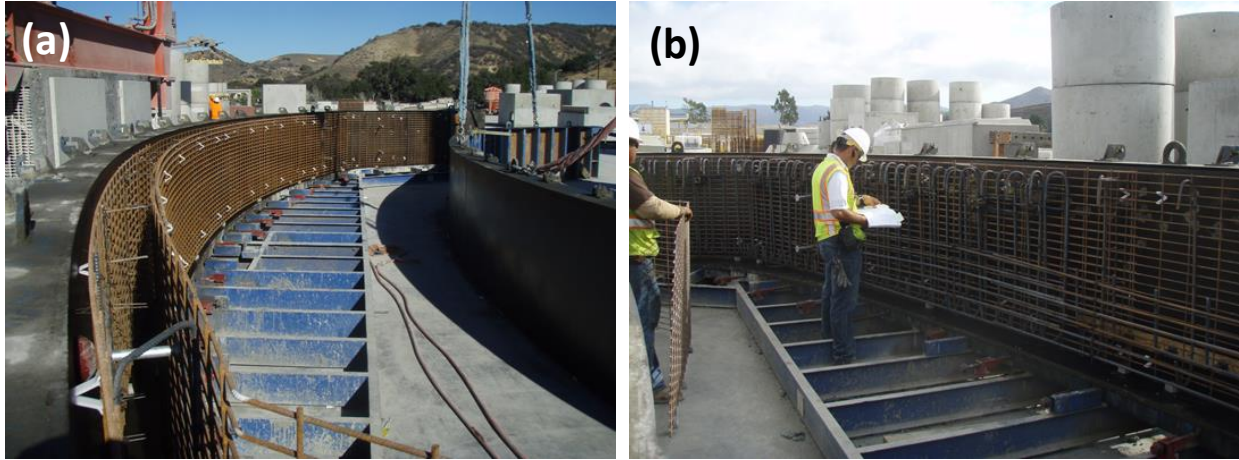


Figure 3: Pre-Con bridge fabrication of one of the arches (a) prior to closing the form and (b) during rebar inspection.



Figure 4: Pre-Con bridge fabrication of the head wall on one of the arches.

-EXHIBIT 2-



Figure 5: Pre-Con bridge fabrication of (a) completed arch with headwall and (b) delivery of that arch over the Santa Ynez River in route to the project site on 10/29/15.

-EXHIBIT 2-



Figure 6: Bridge installation of (a) the first arch and (b) first headwall piece.

-EXHIBIT 2-



Figure 7: Bridge installation of wing walls on the (a) downstream side and (b) upstream side that had to be lifted over the tree canopy.

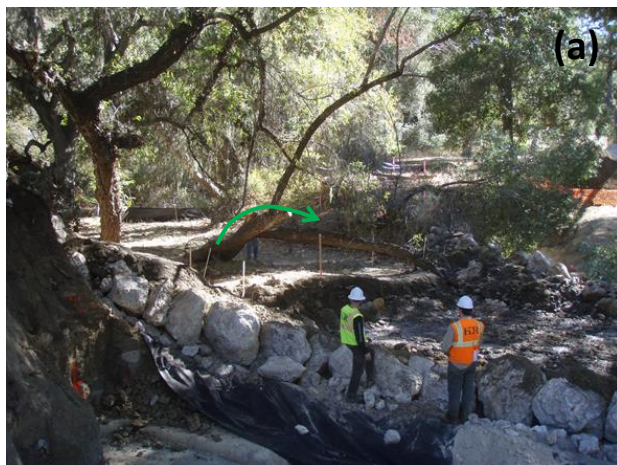


Figure 8: Change Order 1 work as directed by onsite HDR engineers; (a) moving the willow tree to the right bank and (b) installing the bank slope protection just upstream of the bridge foundation.

-EXHIBIT 2-

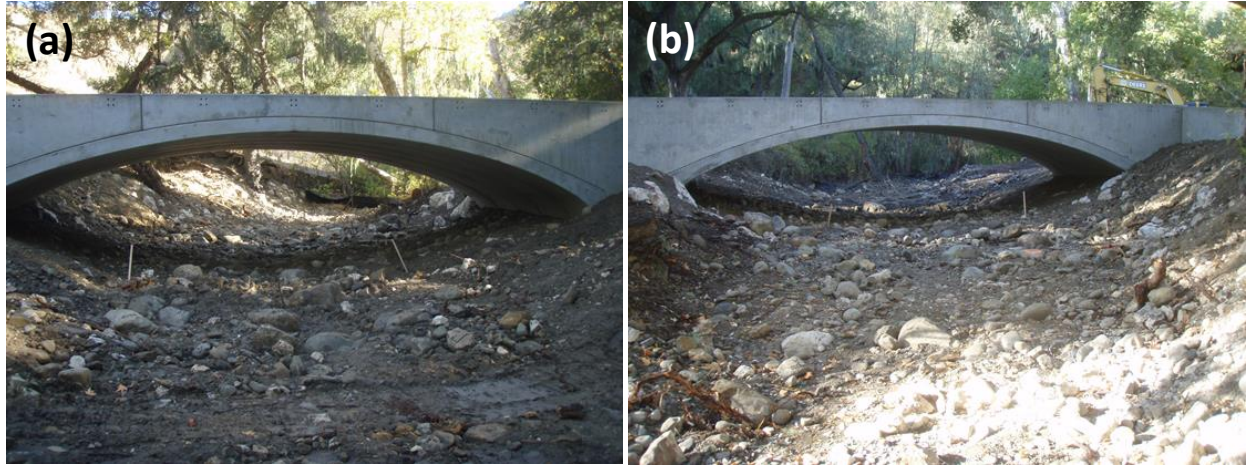


Figure 9: Completed instream work looking (a) upstream and (b) downstream.



Figure 10: Anti-graffiti coating (11/10/15).

14-15 ENTITLEMENT

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF SEPTEMBER 2015 AND THE WATER YEAR TO DATE**

Revised

(All in rounded Acre Feet)

	MONTH					YTD
	TOTAL					TOTAL
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)						17,137
Tecolote Tunnel Infiltration						1,268
Glen Anne Reservoir						0
Cachuma Lake (County Park)						25
State Water Diversion Credit						7,867
Bishop Ranch Diversion						100
Meter Reads						9,430
So. Coast Storage gain/(loss)						(68)
Total Production						18,431
Total Deliveries						17,329
Unaccounted-for						1,102
% Unaccounted-for						5.98%
	GWD	SB CITY	MWD	CVWD	SYRWCD	TOTAL
WATER USE:						
					I.D. #1	
M&I	402	712	279	60	2	1,455
Agricultural	182	0	38	93	0	314
TOTAL FOR MONTH	584	712	317	153	2	1,768
Same Mo/prev. yr	543	182	0	234	2	961
M&I Yr to date	3,216	3,476	398	384	26	7,500
Ag. Yr to date	1,311	0	75	505	0	1,892
TOTAL YTD	4,527	3,476	473	889	26	9,391
USAGE % YTD	68.5%	47.0%	26.3%	43.9%	86.2%	49.6%
Previous Year/YTD	6,634	8,720	1,171	2,610	32	19,167
Evaporation	0	1	126	0	0	127
Evaporation, YTD	186	417	774	22	319	1,718
Entitlement ***	4,195	3,725	1,193	1,266	1,193	11,572
Carryover	2,819	3,188	2,778	564	1,457	10,806
Carryover Balances Spilled YTD	0	0	0	0	0	0
Surplus^	0	0	0	0	0	0
State Water Exchange^	44	611	599	246	(1,500)	0
Transfers/Adjustment #	0	586	(586)	0	0	0
Transfers/Adjustment ~	(177)	177	750	0	(750)	0
Passthrough H2O**	0	0	0	0	0	0
TOTAL AVAILABLE	6,881	8,287	4,734	2,076	400	22,378
REMAINING BALANCE	2,168	4,394	3,487	1,165	55	11,269

*** MU's agreed to 55% reduction of normal (25,714 AF) entitlement

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

State Water Deliveries for September to Lake Cachuma were: MWD 0 AF; CVWD 0 AF
GWD 0 AF (Morehart 7 AF); City of S.B. 0 AF; and LaCumbre 35 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 0 AF; MWD received 0 AF;
City of SB received 0 AF; and CVWD received 0 AF from ID#1 in September 2015.

Juncal transfer(s) to City per annual agreement - 10/2014 (297af) and 9/2015 (289af)

~ SYRWCD ID#1 sold 750af to MWD effective 9/04/2015

~ GWD transferred 176.94af to the City of Santa Barbara effective 9/2015

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **September 2015**

GLEN ANNIE RESERVOIR

Capacity at 385' elevation:	518 Acre Feet
Capacity at sill of intake at 334' elevation:	21 Acre Feet
Stage of Reservoir Elevation	335.00 Feet
Water in Storage	20.63 Acre Feet

LAURO RESERVOIR

Capacity at 549' elevation:	600 Acre Feet
Capacity at sill of intake at 512' elevation:	84.39 Acre Feet
Stage of Reservoir Elevation	546.70 Feet
Water in Storage	543.75 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	446.50 Feet
Water in Storage	17.95 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	374.20 Feet
Water in Storage	21.77 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	583.47 Acre Feet
	-3.70 Acre Feet

CACHUMA RESERVOIR*

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

Stage of Reservoir Elevation	669.6 Feet
Water in Storage	32,989 AF
Surface Area	988
Evaporation	684.3 AF
Inflow	633.1 AF
Downstream Release WR8918	3003.0 AF
Fish Release (Hilton Creek)	215.0 AF
Outlet	0.0 AF
Spill/Seismic Release	0 AF
State Project Water	41.6 AF
Change in Storage	-5,021 AF
Tecolote Diversion	1,805.8 AF

Rainfall: Month: 0.15 Season: 0.18 Percent of Normal: 82%

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

Contract Year: 10/1/14 to: 9/30/15

Revised

Contract Entity: **Montecito Water District**
 Last updated by C.O.M.B. 9/30/15

Month	Approved Schedule Current Year		Carryover Previous Year	TOTAL WATER USED				WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT			
	M & I	Agr		total	Evap	Acre-feet		Allocation		M & I	Agr	Total	M & I	Agr	Total
						Div	Total	M & I	Agr						
Oct	0	0	0	46	0	46	41	5	0	0	0	0	0	0	
Nov	0	0	0	25	0	25	23	2	0	0	0	0	0	0	
Dec	0	0	0	10	0	10	0	10	0	0	0	0	0	0	
Jan	0	0	0	14	0	14	12	2	0	0	0	0	0	0	
Feb	0	0	0	25	0	25	20	5	0	0	0	0	0	0	
Mar	0	0	0	48	0	48	40	8	0	0	0	0	0	0	
Apr	0	0	0	64	0	64	54	10	0	0	0	0	0	0	
May	0	0	0	74	0	74	63	11	0	0	0	0	0	0	
Jun	0	0	0	98	0	98	75	23	0	0	0	0	0	0	
Jul	0	0	0	98	0	98	75	23	0	0	0	0	0	0	
Aug	119	37	156	146	156	302	231	72	0	0	0	0	0	0	
Sep	279	38	317	126	317	443	390	54	0	0	0	0	0	0	
Total	398	75	473	775	473	1,247	1,024	225	0	0	0	0	0	0	

STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr
0	0	0	0	2,778	318	1,110	83
0	0	0	0	Juncal transfer to City		(297)	
0	0	0	0	ID#1 Ex +27		24	3
0	0	0	0	ID#1 Ex +64		55	9
0	0	0	0	ID#1 Ex +151		132	19
0	0	0	0	ID#1 Ex +184		155	29
0	0	0	0	ID#1 Ex +124		105	19
0	0	0	0	ID#1 Ex +49		42	7
0	0	0	0	Purchased C/O from ID#1 9/4/2015 (750af) / Juncal transfer to City (-289.43af)		461	
Total	0	0	0	2,778	318	1,110	83

REMAINING BALANCES		TOTAL	
M & I	Agr	M & I	Agr
1,110	83	1,110	83
(297)		813	83
24	3	813	83
55	9	2,396	299
132	19	2,683	294
155	29	2,658	286
105	19	2,610	276
42	7	2,546	2,207
461		2,472	2,179
		2,374	2,124
		2,276	2,057
		1,974	1,826
		1,531	1,436
Total		2,732	313
		2,707	311
		2,697	301
		2,384	299
		2,364	294
		2,324	286
		2,207	265
		2,132	242
		2,057	219
		1,826	147
		1,436	93
Total		2,419	313
		2,396	311
		2,396	301
		2,384	299
		2,364	294
		2,324	286
		2,207	265
		2,132	242
		2,057	219
		1,826	147
		1,436	93
Total		2,419	313
		2,396	311
		2,396	301
		2,384	299
		2,364	294
		2,324	286
		2,207	265
		2,132	242
		2,057	219
		1,826	147
		1,436	93
Total		2,419	313
		2,396	311
		2,396	301
		2,384	299
		2,364	294
		2,324	286
		2,207	265
		2,132	242
		2,057	219
		1,826	147
		1,436	93
Total		2,419	313
		2,396	311
		2,396	301
		2,384	299
		2,364	294
		2,324	286
		2,207	265
		2,132	242
		2,057	219
		1,826	147
		1,436	93
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		1,436	93
Total		2,419	313
		2,396	311
		2,396	301
		2,384	299
		2,	

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

Contract Year: 10/1/14 to: 9/30/15

Revised

Contract Entity: City of Santa Barbara
 Last updated by C.O.M.B. 9/30/15

Month	Approved Schedule Current Year	Carryover Previous Year	TOTAL WATER USED			WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT				
			M & I	Agr	total	Evap	Div	Total	M & I	Agr	Total	M & I	Agr	Total
Oct	3725	3188	337	0	337	53	337	390	390	0	0	0	0	0
Nov			193	0	193	25	193	218	218	0	0	0	0	0
Dec			210	0	210	10	210	220	220	0	0	0	0	0
Jan			142	0	142	13	142	155	155	0	0	0	0	0
Feb			0	0	0	20	0	20	20	0	0	0	0	0
Mar			90	0	90	39	90	130	130	0	0	0	0	0
Apr			195	0	195	51	195	246	246	0	0	0	0	0
May			343	0	343	53	343	396	396	0	0	0	0	0
Jun			207	0	207	56	207	264	264	0	0	0	0	0
Jul			355	0	355	48	355	403	403	0	0	0	0	0
Aug			687	0	687	48	687	735	735	0	0	0	0	0
Sep			712	0	712	1	12	13	13	0	0	0	0	0
Total	3725	3188	3,472	0	3,472	416	2,772	3,188	3,188	0	0	0	0	700

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr
Begin Bal					3,188	3,188	3,188	3,725
Juncal transfer from MWD							297	297
ID#1 Ex +30							30	30
ID#1 Ex +72							72	72
ID#1 Ex +151							151	151
ID#1 Ex +185							185	185
ID#1 Ex +124							124	124
ID#1 Ex +49							49	49
Juncal transfer from MWD (289.43 af)/Transfer from GWD overlap (176.94 af)							466	466
Total					3,188	3,188	3,725	3,725

Month	REMAINING BALANCES	
	M & I	Agr
Oct	2,798	0
Nov	2,580	0
Dec	2,360	0
Jan	2,206	0
Feb	2,186	0
Mar	2,056	0
Apr	1,810	0
May	1,414	0
Jun	1,149	0
Jul	748	0
Aug	13	0
Sep	0	0
Total	2,798	0

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

Contract Year: 10/1/14 to: 9/30/15

Contract Entity: Santa Ynez River Water Conservation District, ID#1
 Last updated by C.O.M.B. 9/30/15

Revised

Month	Approved Schedule		Carryover	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT	
	Current Year	Previous Year		M & I	Agri	Total	Evap	Div	Total	M & I	Agri
Oct	1193	1457	2	0	2	24	2	26	0	0	0
Nov			2	0	2	13	2	15	0	0	0
Dec			1	0	1	5	1	6	0	0	0
Jan			2	0	2	8	2	9	0	0	0
Feb			2	0	2	13	2	14	0	0	0
Mar			2	0	2	25	2	27	0	0	0
Apr			3	0	3	33	3	36	0	0	0
May			2	0	2	38	2	41	0	0	0
Jun			2	0	2	51	2	53	0	0	0
Jul			3	0	3	51	3	54	0	0	0
Aug			3	0	3	57	3	60	0	0	0
Sep			2	0	2	0	2	2	0	0	0
Total	1193	1457	25	0	25	319	25	344	343	0	0

CONVERSIONS

STORAGE WATER		CURRENT SCHEDULE	
M & I	Agri	M & I	Agri
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	-61	61
0	0	-111	111
0	0	-245.7	246
0	0	-247	247
0	0	0	0
2	-2	0	0
2	-2	0	0

SCHEDULE AND REVISIONS

Total		M & I		Agri	
Begin Bal	1,457	483	974	0	1,193
Ex cvwd-16/gwd-44/city-30/mwd-27				(56)	(61)
Ex cvwd-35/gwd-0/city-72/mwd-64				(60)	(111)
Ex cvwd-76/gwd-0/city-151/mwd-151				(132)	(246)
Ex cvwd-62/gwd-0/city-185/mwd-184				(184)	(247)
Ex cvwd-41/gwd-0/city-124/mwd-124	(289)	(94)	(195)	0	0
Ex cvwd-16/gwd-0/city-49/mwd-49	(114)	(50)	(64)	0	0
Sold C/O water to MWD effective 9/4/2015	(750)		(750)	0	0

COUNTY PARKS

Month	A.F. Used		Total		M & I		Agri	
	M & I	Agri	M & I	Agri	M & I	Agri	M & I	Agri
Oct	2.15	0	1,431	457	974	0	1,193	0
Nov	1.84	0	1,416	442	974	0	1,193	0
Dec	1.08	0	1,410	436	974	0	1,193	0
Jan	1.59	0	1,400	427	974	0	1,193	0
Feb	1.51	0	1,386	413	974	0	1,193	0
Mar	2.08	0	1,359	386	974	0	1,076	0
Apr	2.79	0	1,323	350	974	0	905	0
May	2.06	0	1,282	309	974	0	527	0
Jun	2.43	0	1,229	256	974	0	96	0
Jul	3.05	0	886	108	779	0	96	0
Aug	2.68	0	712	0	713	0	96	0
Sep	1.89	0	-40	0	-39	0	96	0
TOTAL							56	

*NOTE:

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

Contract Entity: Santa Barbara Co. Water Agency
 Last updated by C.O.M.B. 9/30/15

Contract Year: 10/1/14 to: 9/30/15

Month	Approved Schedule Current Year	Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT		
			Use %	Acre-feet		Evap	Allocation		M & I	Acre-feet	
				M & I	Agr		Total	M & I		Agr	Total
Oct	11572	10806	7.14%	1,022	386	179	1,177	420	0	0	
Nov			4.59%	692	253	83	767	262	0	0	
Dec			1.92%	346	53	32	365	65	0	0	
Jan			0.85%	146	2	41	184	5	0	0	
Feb			0.34%	3	2	70	64	10	0	0	
Mar			1.02%	92	0	135	212	15	0	0	
Apr			1.87%	230	10	179	392	27	0	0	
May			5.33%	799	194	199	977	216	0	0	
Jun			4.06%	544	139	224	688	147	51	21	
Jul			5.34%	796	215	199	558	58	413	181	
Aug			8.49%	1,369	314	251	1,026	72	561	277	
Sep			8.15%	1,455	314	127	405	54	1,162	275	
Total	11572	10806	49.10%	7,495	1,893	1,719	6,815	1,351	2,187	754	

CONVERSIONS

STORAGE WATER		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
M & I	Agr	M & I	Agr	M & I	Agr
108	-108	0	0	10,806	8,285
75	-75	0	0	0	0
25	-25	0	0	0	0
3	-3	0	0	0	0
2	-2	0	0	0	0
0	0	-61	61	0	0
2	-2	-111	111	0	0
-18	18	-245.7	245.7	0	0
-122	122	-247	247	0	0
29	-29	0	0	(289)	(94)
-1	1	0	0	(114)	(64)
5	-5	0	0	(750)	0
Total				10,806	8,285

COUNTY PARKS

Month	A.F. Used		REMAINING BALANCES	
	M & I	Agr	M & I	Agr
Oct	2.15	9,209	7,216	1,993
Nov	1.84	8,181	6,524	1,656
Dec	1.08	7,750	6,184	1,566
Jan	1.59	7,561	6,003	1,558
Feb	1.51	7,486	5,941	1,546
Mar	2.08	7,259	5,729	1,531
Apr	2.79	6,841	5,339	1,502
May	2.06	5,649	4,344	1,304
Jun	2.43	4,814	3,534	1,279
Jul	3.05	3,910	2,911	997
Aug	2.68	2,699	1,836	862
Sep	1.89	1,491	1,436	53
Total				

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

MONTH	DELVRD TO LAKE	CVWD		Delvd Transf to SC to MW	MWD		Evap/Spill	Delvd to SC		S.B. Stored	GWD		Evap/Spill	LCMWC		Delvd to Lake	RSYS		Delvd to Lake	MLC			
		Delvd to Lake	Stored		Delvd to Lake	Stored		Delvd to SC	Stored		Delvd to Lake	Stored		Delvd to SC	Stored		Delvd to Lake	Stored		Delvd to SC	Stored	Delvd to Lake	Stored
2014																							
Bal. Frwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
January	875	54	0	54	82	0	0	82	0	82	615	0	0	615	0	0	0	0	0	0	0	0	
February	1368	133	0	133	200	0	0	200	0	200	749	181	0	568.1	21	0	65	0	0	0	0	0	
March	1362	105	0	105	245	83	0	162.1	286	0	648	335	0	493.6	78	85	14	0	0	0	0	0	
April	486	0	0	0	93	0	0	176	178	0	176	0	0	512	39	105	18	0	0	0	0	0	
May	1265	30	0	30	362	81	0	281.1	362	0	388	0	0	388	120	172	52	0	0	0	0	3	
June	1268	50	0	50	318	142	1	255	348	0	432	0	0	432	115	254	31	0	0	0	0	5	
July	1302	158	0	158	275	149	1	266.4	317	0	441	0	0	441	105	285	72	0	0	0	0	6	
August	1297	121	0	121	314	237	1	225.1	314	0	437	0	0	437	105	375	13	0	0	0	0	6	
September	1257	110	0	110	308	291	2	252	308	0	423	0	0	423	103	418	58	0	0	0	0	5	
October	1296	0	0	0	443	455	5	273.6	570	0	113	0	0	113	170	580	7	0	0	0	0	0	
November	1249	0	0	0	707	962	4	196.5	399	0	0	0	0	143	647	71	0	0	0	0	0	0	
December	271	0	0	0	874	4	4	84.5	249	0	0	0	0	0	609	36	22	0	0	0	0	0	
Total	13296	761	0	761	3347	874	19	2454	3613	0	4422	0	4423	1106	609	496	22	0	22	0	22	0	25

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

MONTH	DELVRD TO LAKE	CVWD		Delvd Transf to SC to MW	MWD		Evap/Spill	Delvd to SC		S.B. Stored	GWD		Evap/Spill	LCMWC		Delvd to Lake	RSYS		Delvd to Lake	MLC		
		Delvd to Lake	Stored		Delvd to Lake	Stored		Delvd to SC	Stored		Delvd to Lake	Stored		Delvd to SC	Stored		Delvd to Lake	Stored		Delvd to SC	Stored	Delvd to Lake
2015																						
Bal. Frwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	833	0	0	0	765	0	5	104	363	0	470	201	0	269	0	561	3	0	0	0	0	0
February	789	0	0	0	650	7	7	107	366	0	423	492	2	130.1	0	510	5	0	0	0	0	0
March	1284	170	0	0	725	0	11	195.9	363	0	462	444	9	501	0	456	9	0	5	0	2	2
April	1152	192	0	0	807	18	18	231.4	428	0	193	0	11	626	0	434	11	0	5	0	3	3
May	658	108	0	0	762	23	23	258.7	305	0	0	0	0	0	0	413	13	0	5	0	3	3
June	371	0	0	0	507	30	30	224.7	366	0	0	0	0	0	0	390	16	0	0	0	5	5
July	306	0	0	0	186	21	21	299.6	306	0	0	0	0	0	0	368	16	0	0	0	0	0
August	40	0	0	0	0	0	12	174	35	0	0	0	0	0	0	340	24	0	0	0	5	5
September	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	340	22	0	0	0	7	7
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5475	470	0	455.7	850	0	128	1596	2532	0	1548	0	21	1,526	35	340	119	15	0	15	0	25



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



**Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: **September 2015****

AIS INSPECTION PROGRAM LAUNCH DATA:

Cachuma Lake Recreation Area Launch Data -- September 2015		
Inspection Data		
Total Vessels entering Park	82	
Total Vessels launched	79	
Total Vessels Quarantined	3	4%
Returning with Boat Launch Tag	26	33%
New: Removed from Quarantine	*	
Kayak/Canoe: Inspected, launched	53	67%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Quarantine Data		
Total Vessels Quarantined	3	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	3	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	0	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	3	
Demographic Data		
Quarantined from infected county	0	
Quarantined from SB County	3	
Quarantined from uninfected co	0	

Boat Launch Tags: Boats with Cachuma Lake Boat Launch Tags attach boat to trailer.

No mussel species have been located on any vessel entering Cachuma Lake as of the last day of this month.

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

Summary: No Dreissenid mussels were detected
 Inspection site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time: 2015.09.23; 09:30am – 12:30pm PDT
 Method: 8 PVC/Cement Sampling Stations; 202 linear feet of line
 Surveyors: Rosey Bishop, Liz Gaspar (SBCO Parks), Carrie Culver, Keith Yaeger (Sea Grant).
 Lake elevation: Max feet: 753.00, current: 670.49; Max acre-feet: 193,000, current: 33,815;
 Current capacity: 18%