

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

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

Monday, October 22, 2012

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**
Action: Recommend approval of Consent Agenda by vote on one motion unless member requests separate consideration
 - a. Minutes September 24, 2012 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
 - Expenses By Vendor
- 4. REPORT FROM BOARD COMMITTEES**
 - a. Administrative Committee Meeting, October 4, 2012
- 5. REPORT/DISCUSSION ON UNACCOUNTED FOR WATER AND TWO PERCENT SYSTEM LOSS**
- 6. PROGRESS REPORT ON CACHUMA LAKE OAK TREE PROGRAM**
- 7. REPORT ON MODIFIED SCC UPPER REACH RELIABILITY PROJECT**
 - a. Contingency Plans for SCC Shutdowns
 - b. MURRP Expenditures
- 8. REPORT ON QUIOTA CREEK CROSSING 7 FISH PASSAGE IMPROVEMENT PROJECT**

9. **CONVEYANCE SYSTEM OPERATIONS PROGRAM REPORT**
10. **FISHERIES PROGRAM REPORT**
11. **REPORTS FROM THE MANAGER**
 - a. Cachuma Water Reports
 - b. Cachuma Reservoir Current Conditions
 - c. Lake Cachuma Quagga Survey
 - d. Follow-up on COMB Activities
 1. Prop 84 Update
 2. Progress on Glen Anne Reservoir
12. **SEPTIC SYSTEM REPORT**
13. **REPORT ON CLAY PIPE INSTALLED BY RECLAMATION**
14. **UPDATE ON CAPITAL IMPROVEMENT PLAN**
15. **DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING**
16. **[CLOSED SESSION]:**
 - a. **CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**
 - (1) **INITIATION OF LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9 (c): One case**
 - b. **PUBLIC EMPLOYEE PERFORMANCE EVALUATION – GOVERNMENT CODE SECTION 54957**

TITLE: GENERAL MANAGER
17. **MEETING SCHEDULE**
 - November 19, 2012 at 2:00 P.M., COMB Office
 - Board Packages Available on COMB Website
www.cachuma-board.org
18. **COMB ADJOURNMENT**

NOTICE TO PUBLIC

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. If you wish to address the Board under this item, please complete and deliver to the Secretary of the Board before the meeting is convened, a "Request to Speak" form including a description of the subject you wish to address.

Americans with Disabilities Act: In compliance with the Americans with Disabilities Act, if you need special assistance to 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.

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

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

**held at
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, September 24, 2012**

1. Call to Order, Roll Call

The meeting was called to order at 2:05 p.m. by President Lauren Hanson who chaired the meeting. Those in attendance were:

Directors present:

Lauren Hanson	Goleta Water District
Bob Lieberknecht	Carpinteria Valley Water District
Doug Morgan	Montecito Water District
Dennis Beebe	SYR Water Conservation District, ID No. 1
Dale Francisco	City of Santa Barbara

Others present:

Bruce Mowry	Tony Trembley
John McInnes	Tim Robinson
Rebecca Bjork	Charles Hamilton
Phil Walker	Janet Gingras
Ruth Snodgrass	Sonia Fernandez
David Baum	Adelle Capponi

2. Public Comment

Phil Walker commented on the dry winter, Gibraltar Bathymetric Survey, MURRP, and Baldwin Hills Reservoir.

3. Consent Agenda

- a. **Minutes:**
August 27, 2012 Regular Board Meetings
- b. **Investment Funds**
Financial Report
Investment Report
- c. **Payment of Claims**

Director Francisco moved to approve the consent agenda, Director Morgan seconded the motion.

Director Beebe requested that Item 10 of the minutes be clarified with regard to the Notice to Proceed for the Quiota Creek 7 project. The clarification was that the appropriate approval (a letter to proceed) for the design and project had been received from NMFS and CDFG and that COMB will sign and issue a construction form, "Notice to Proceed" for the contractor, Peter Lapidus Construction.

Director Francisco amended the motion to include the modification to Item 10 of the minutes; Director Morgan amended the second to include the modification, passed 7/0/0.

4. Consider Approval of Letter to Governor Jerry Brown Regarding AB 2443

President Hanson announced that Governor Brown had signed AB 2443 this morning. The Directors decided that it would be a good idea to send a thank you letter to Governor Brown for signing this important bill regarding the prevention of quagga and zebra mussels.

President Hanson moved to send a thank you letter to the Governor for signing AB 2443, seconded by Director Morgan, passed 7/0/0.

Phil Walker commented on this item.

5. Report From General Counsel

a. U.S. Bureau of Reclamation Request for Telephonic Access to Board Meetings

General Counsel Tony Trembley reported that Nick Zaninovich, U. S. Bureau of Reclamation Chief of Operations, Fresno, has requested that the Bureau staff be able to participate in COMB Board meetings via telephonic access from the Fresno office.

Director Morgan moved that the Board authorize and provide a teleconferencing location to be established at the office of the Bureau of Reclamation in Fresno and that location would be listed on the agenda according to the provisions of the Brown Act, seconded by Director Francisco.

The Board had some concerns and directed staff to prepare a report and submit it to the Administrative Committee for review prior to Board approval. Staff would need to address Reclamations' participation or monitoring procedures at their location, and procedures for COMB agenda's and meetings.

Director Morgan moved to table the motion and have staff prepare a report and send to the Board Committee, seconded by Director Beebe, passed 7/0/0.

6. Report From Board Committees

a. Administrative Committee Meeting, September 14, 2012

President Hanson reported on the Administrative Committee meeting, September 14, 2012. The agenda was included in the board packet. The next meeting will be held October 4, 2012. Director Morgan is the other member of the Committee.

7. Progress Report on Cachuma Lake Oak Tree Program

The progress report was included in the board packet. Director Beebe questioned the timing of the presentation on the Oak Tree Program by Consultant Ken Knight. President Hanson informed the Board that Mr. Knight would be scheduled for the November Board meeting. Director Beebe also requested that the Oak Tree Report remain a separate agenda item, that the hours spent and the source of those hours be included in the report, the YTD expenses for the program be added, and also the water used for watering the trees should be tracked and reported monthly.

8. Report on Modified SCC Upper Reach Reliability Project

General Manager Bruce Mowry reported that the project is moving along well. The first shutdown occurred during the week of September 17th and that the work required 12 hours. Staff is working on streamlining the next shutdown scheduled for October 30th. David Baum, COMB's Engineer, included his report on the MURRP in the board packet.

President Hanson directed Mr. Mowry to provide in writing to the Member Units the contingency plans prior to the next shutdown.

Phil Walker commented on this item.

9. Report on Quiota Creek Crossing 7 Fish Passage Improvement Project

The monthly report on the Quiota Creek Crossing 7 by David Baum and Tim Robinson was included in the board packet. Mr. Robinson reported that the project is ahead of schedule by a week. The installation of the prefabricated bridge has been moved up to October 4, 2012. He also reported that in order to save four mature trees, one wing wall was shifted 15 degrees which will generate a change order for a slight increase of cost; the details will be presented to the Board next month.

Director Beebe requested clarification on the inconsistency between the financial report table and the status table. Tim Robinson and David Baum will work on a solution for the reporting.

10. Conveyance System Operations Program Report

The monthly report prepared by Shane King was included in the board packet.

Phil Walker commented on this item.

11. Fisheries Program Report

Tim Robinson highlighted his monthly report that was included in the board packet. Mr. Robinson announced that the Agricultural Commissioner's Office will be conducting an *Arundo Donax* weed eradication project in October along the Santa Ynez River.

After reviewing the Surcharge Accounting table in the report and the amount of project yield used for target flows, the Board suggested that Mr. Robinson contact Reclamation to call an Adaptive Management Committee (AMC) meeting to discuss target flows and possibly using the 500 acre-feet of water in the AMC account.

12. Reports From the Manager

a. Cachuma Water Reports

The monthly reports were included in the board packet.

b. Cachuma Reservoir Current Conditions

The daily operations report for Lake Cachuma through September 19, 2012 was included in the board packet.

c. Lake Cachuma Quagga Survey

The County's summary of Aquatic Invasive Species Inspection Program for August 2012 was included in the board packet.

d. Reclamation's Twelfth Annual Operations Coordination Meeting

The agenda for the meeting was included in the board packet.

e. ADA Specification Requirements for Lauro Yard

Bruce Mowry reported that staff has been working to make Lauro Yard ADA compliant. The ramp to the Boardroom has almost been completed and the restroom in that building will be started soon.

f. COMB Activities

Bruce Mowry reported that the meter at Toro Canyon stopped working and a new meter has been ordered. COMB staff has been working with Montecito Water District and Carpinteria Valley Water District on this replacement project.

13. Directors' Request for Agenda Items for Next Meeting

Director Beebe requested that at a future meeting a report on unaccounted water be included.

President Hanson requested Mr. Mowry provide at the October meeting a written report on the septic system, a report on the clay pipes installed by Reclamation, a CIP update, a Prop 84 update and the status report on the Glen Annie Reservoir.

14. [Closed Session]:

a. Conference with Legal Counsel – Anticipated Litigation

(1) Initiation of Litigation Pursuant to Government Code Section 54956.9 (c): One case

b. Public Employee Performance Evaluation – Government Code Section 54957

Title: General Manager

Tony Trembley announced that the Board would enter into a closed session conference with legal counsel to discuss Items 14a and 14b.

The Board entered into closed session at 3:57 p.m. and adjourned out of closed session at 4:54 p.m. There was no action to report out of closed session.

15. Meeting Schedule

- The next regular Board meeting will be held October 22, 2012 at 2:00 P.M.
- The Agendas and Board Packets are available on the COMB website, www.cachuma-board.org

16. COMB Adjournment

There being no further business the meeting was adjourned at 4:45 p.m.

Respectfully submitted,

Bruce Mowry, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

Approved _____

Unapproved _____ ✓

COMB
Statement of Net Assets
As of September 30, 2012

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

1210 · WARREN ACT TRUST FUND 61,781.25

1220 · RENEWAL FUND 150,239.60

Total TRUST FUNDS		212,020.85
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1050 · GENERAL FUND		1,335,430.39
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1100 · REVOLVING FUND		6,712.91
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Total Checking/Savings		1,554,164.15
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Other Current Assets

1010 · PETTY CASH		400.00
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1200 · LAIF		3,872.06
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1303 · Bradbury SOD Act Assmnts Rec		70,212.00
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1304 · Lauro Dam SOD Assesmnt Rec		12,640.00
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1305 · ACCRUED INTEREST RECEIVABLE		68.44
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1308 · Prop 50 Grant Receivable		810,988.42
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1400 · PREPAID INSURANCE		15,192.72
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Total Other Current Assets		913,373.64
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Total Current Assets		2,467,537.79
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Fixed Assets

1500 · VEHICLES		444,890.47
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1505 · OFFICE FURN & EQUIPMENT		384,565.63
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1510 · MOBILE OFFICES		97,803.34
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1515 · FIELD EQUIPMENT		493,184.33
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1525 · PAVING		22,350.00
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1550 · ACCUMULATED DEPRECIATION		-1,199,075.89
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Total Fixed Assets		243,717.88
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Other Assets

1910 · LT Bradbury SOD Act Assess Rec		5,487,041.07
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1920 · LT Lauro SOD Act Assess Rec		981,853.00
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1930 · OPEB LT Assessments Rec		63,080.00
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Total Other Assets		6,531,974.07
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TOTAL ASSETS		9,243,229.74
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COMB
Statement of Net Assets
As of September 30, 2012

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

2200 · ACCOUNTS PAYABLE	2,806,236.90
Total Accounts Payable	<u>2,806,236.90</u>

Other Current Liabilities

Payroll-DepPrm Admin	82.31
Payroll-DepPrm FD	4.62
Payroll-DepPrm Ops	49.24
2550 · VACATION/SICK	92,114.03
2560 - CACHUMA ENTITLEMENT	-773,367.80
2561 · BRADBURY DAM SOD ACT	10,447.36
2563 · LAURO DAM SOD ACT	-4,019.00
2565 · ACCRUED INTEREST SOD ACT	87,008.00
2590 · DEFERRED REVENUE	212,020.85
Total Other Current Liabilities	<u>-375,660.39</u>

Total Current Liabilities	2,430,576.51
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Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury	5,487,041.07
2603 · LT SOD Act Liability - Lauro	979,878.00
2604 · OPEB LT Liability	254,623.00
Total Long Term Liabilities	<u>6,721,542.07</u>

Total Liabilities	9,152,118.58
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NET ASSETS

3901 · Retained Net Assets	-111,861.02
Net Income	202,972.18
Total Net Assets	<u>91,111.16</u>

TOTAL LIABILITIES & NET ASSETS	<u><u>9,243,229.74</u></u>
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**Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures**

Budget vs. Actuals - July - Sept 2012

2:16 PM
10/17/12

Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget
Income									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	309,289.23	813,727.00	38.0%	1,414,789.00	3,147,450.00	45.0%	1,724,078.23	3,961,177.00	43.5%
3006 - Warren Act	0.00	43,559.00	0.0%	0.00	-504,437.77	0.0%	0.00	43,559.00	0.0%
3007 - Renewal Fund	0.00	219,770.00	0.0%	0.00	-219,770.00	0.0%	0.00	219,770.00	0.0%
3010 - Interest Income	0.00	0.00	0.0%	106.84	106.84	0.0%	106.84	106.84	100.0%
3020 - Misc Income	0.00	840,419.00	0.0%	1,608.80	-840,419.00	0.0%	1,608.80	840,419.00	100.0%
3021 - Grant Income	0.00	90,000.00	0.0%	0.00	-90,000.00	0.0%	0.00	90,000.00	0.0%
3023 - Prop 50 Grant Income	0.00	2,007,475.00	0.0%	0.00	-2,000,000.00	0.0%	0.00	2,000,000.00	0.0%
3035 - Cachuma Project Betterment Fund	0.00	1,698,185.77	0.0%	0.00	-1,698,185.77	0.0%	0.00	1,698,185.77	0.0%
Total 3000 REVENUE	309,289.23	2,007,475.00	15.4%	1,416,504.64	-3,730,945.36	27.5%	1,725,793.87	7,154,925.00	24.1%
Total Income	309,289.23	2,007,475.00	15.4%	1,416,504.64	-3,730,945.36	27.5%	1,725,793.87	7,154,925.00	24.1%
Gross Profit	309,289.23	2,007,475.00	15.4%	1,416,504.64	-3,730,945.36	27.5%	1,725,793.87	7,154,925.00	24.1%
Expense									
PAYROLL									
Gross	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
Gross-FD	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
Total PAYROLL	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3100 - LABOR - OPERATIONS									
3101-B - Bereavement Leave	0.00	257.68	0.0%	257.68	257.68	100.0%	257.68	257.68	100.0%
3101-E - Engineer	0.00	28,226.03	0.0%	28,226.03	28,226.03	100.0%	28,226.03	28,226.03	100.0%
3101-H - Holiday Leave	0.00	2,854.17	0.0%	2,854.17	2,854.17	100.0%	2,854.17	2,854.17	100.0%
3101-S - Sick Leave	0.00	2,642.86	0.0%	2,642.86	2,642.86	100.0%	2,642.86	2,642.86	100.0%
3101-V - Vacation Leave	0.00	4,877.76	0.0%	4,877.76	4,877.76	100.0%	4,877.76	4,877.76	100.0%
3102 - Meter Reading	0.00	520.23	0.0%	520.23	520.23	100.0%	520.23	520.23	100.0%
3103 - SCC Ops	0.00	35,438.91	0.0%	35,438.91	35,438.91	100.0%	35,438.91	35,438.91	100.0%
3104 - Veh & Equip Mtce	0.00	277.42	0.0%	277.42	277.42	100.0%	277.42	277.42	100.0%
3105 - SCADA	0.00	10,183.68	0.0%	10,183.68	10,183.68	100.0%	10,183.68	10,183.68	100.0%
3106 - Rodent Bait	0.00	2,378.59	0.0%	2,378.59	2,378.59	100.0%	2,378.59	2,378.59	100.0%
3107 - NORTH PORTAL									
3107-1 - NP INTAKE TOWER									
3107-1b - Cleaning	0.00	822.04	0.0%	822.04	822.04	100.0%	822.04	822.04	100.0%
3107-1f - Operations	0.00	190.97	0.0%	190.97	190.97	100.0%	190.97	190.97	100.0%
3107-1h - Inspection	0.00	480.98	0.0%	480.98	480.98	100.0%	480.98	480.98	100.0%
Total 3107-1 - NP INTAKE TOWER	0.00	1,493.99	0.0%	1,493.99	1,493.99	100.0%	1,493.99	1,493.99	100.0%
3107-2 - NP CONTROL STATION									
3107-2a - Maintenance	0.00	1,873.94	0.0%	1,873.94	1,873.94	100.0%	1,873.94	1,873.94	100.0%
3107-2f - Operations	0.00	90.72	0.0%	90.72	90.72	100.0%	90.72	90.72	100.0%
3107-2h - Inspection	0.00	179.58	0.0%	179.58	179.58	100.0%	179.58	179.58	100.0%
Total 3107-2 - NP CONTROL STATION	0.00	2,144.24	0.0%	2,144.24	2,144.24	100.0%	2,144.24	2,144.24	100.0%
3107-3 - NP TECOLOTE TUNNEL									
3107-3j - Rehabilitation	0.00	193.26	0.0%	193.26	193.26	100.0%	193.26	193.26	100.0%
Total 3107-3 - NP TECOLOTE TUNNEL	0.00	193.26	0.0%	193.26	193.26	100.0%	193.26	193.26	100.0%
Total 3107 - NORTH PORTAL	0.00	3,831.49	0.0%	3,831.49	3,831.49	100.0%	3,831.49	3,831.49	100.0%
3108 - GLEN ANNE									
3108-1 - GA SOUTH PORTAL									
3108-1g - Road	0.00	2,641.22	0.0%	2,641.22	2,641.22	100.0%	2,641.22	2,641.22	100.0%
Total 3108-1 - GA SOUTH PORTAL	0.00	2,641.22	0.0%	2,641.22	2,641.22	100.0%	2,641.22	2,641.22	100.0%
3108-2 - GA RESERVOIR									
3108-2a - Maintenance	0.00	308.43	0.0%	308.43	308.43	100.0%	308.43	308.43	100.0%
3108-2d - Weed Management	0.00	590.70	0.0%	590.70	590.70	100.0%	590.70	590.70	100.0%
3108-2e - Landscaping	0.00	68.04	0.0%	68.04	68.04	100.0%	68.04	68.04	100.0%
3108-2f - Operations	0.00	232.29	0.0%	232.29	232.29	100.0%	232.29	232.29	100.0%

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Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals - July - Sept 2012

2:16 PM
 10/17/12
 Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget
Total 3108-2 - GA RESERVOIR	0.00			1,199.46			1,199.46		100.0%
3108-3 - GA PUMP STATION	0.00			68.04			68.04		100.0%
3108-3f - Operations	0.00			68.04			68.04		100.0%
Total 3108-3 - GA PUMP STATION	0.00			68.04			68.04		100.0%
3108-4 - GA TURNOUT	0.00			2,195.88			2,195.88		100.0%
3108-4a - Maintenance	0.00			209.51			209.51		100.0%
3108-4e - Landscaping	0.00			90.72			90.72		100.0%
3108-4f - Operations	0.00			2,496.11			2,496.11		100.0%
Total 3108-4 - GA TURNOUT	0.00			2,496.11			2,496.11		100.0%
Total 3108 - GLEN ANNE	0.00			6,404.83			6,404.83		100.0%
3110 - LAURO									
3110-1 - YARD									
3110-1a - Maintenance	0.00			5,833.38			5,833.38		100.0%
3110-1b - Cleaning	0.00			2,550.96			2,550.96		100.0%
3110-1d - Weed Management	0.00			142.50			142.50		100.0%
3110-1e - Landscaping	0.00			398.32			398.32		100.0%
3110-1g - Road	0.00			483.15			483.15		100.0%
Total 3110-1 - YARD	0.00			9,408.31			9,408.31		100.0%
3110-2 - CONTROL STATION									
3110-2d - Weed Management	0.00			181.44			181.44		100.0%
3110-2e - Landscaping	0.00			90.72			90.72		100.0%
3110-2h - Inspection	0.00			51.74			51.74		100.0%
Total 3110-2 - CONTROL STATION	0.00			323.90			323.90		100.0%
3110-3 - RESERVOIR									
3110-3a - Maintenance	0.00			179.58			179.58		100.0%
3110-3c - Fencing	0.00			346.76			346.76		100.0%
3110-3d - Weed Management	0.00			582.74			582.74		100.0%
3110-3e - Landscaping	0.00			703.59			703.59		100.0%
3110-3f - Operations	0.00			64.41			64.41		100.0%
3110-3h - Inspection	0.00			388.12			388.12		100.0%
Total 3110-3 - RESERVOIR	0.00			2,265.20			2,265.20		100.0%
3110-4 - DEBRIS BASINS									
3110-4a - Maintenance	0.00			1,228.75			1,228.75		100.0%
Total 3110-4 - DEBRIS BASINS	0.00			1,228.75			1,228.75		100.0%
Total 3110 - LAURO	0.00			13,226.16			13,226.16		100.0%
3112 - SHEFFIELD									
3112-1 - CONTROL STATION									
3112-1b - Cleaning	0.00			116.61			116.61		100.0%
Total 3112-1 - CONTROL STATION	0.00			116.61			116.61		100.0%
Total 3112 - SHEFFIELD	0.00			116.61			116.61		100.0%
3113 - ORTEGA									
3113-1 - CONTROL STATION									
3113-1e - Landscaping	0.00			68.04			68.04		100.0%
Total 3113-1 - CONTROL STATION	0.00			68.04			68.04		100.0%
3113-2 - RESERVOIR									
3113-2d - Weed Management	0.00			647.02			647.02		100.0%
3113-2h - Inspection	0.00			166.25			166.25		100.0%
Total 3113-2 - RESERVOIR	0.00			813.27			813.27		100.0%

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Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July - Sept 2012

	Fisheries			Operations			TOTAL		
	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget
Total 3113 - ORTEGA	0.00			881.31	0.00		881.31	0.00	100.0%
3114 - BOUNDARY METER									
3114-1 - VAULT									
3114-1a - Maintenance	0.00			1,172.92	0.00		1,172.92	0.00	100.0%
Total 3114-1 - VAULT	0.00			1,172.92	0.00		1,172.92	0.00	100.0%
Total 3114 - BOUNDARY METER	0.00			1,172.92	0.00		1,172.92	0.00	100.0%
3115 - CARPINTERIA									
3115-1 - CONTROL STATION									
3115-1a - Maintenance	0.00			2,065.49	0.00		2,065.49	0.00	100.0%
3115-1f - Operations	0.00			158.76	0.00		158.76	0.00	100.0%
3115-1j - Rehabilitation	0.00			237.50	0.00		237.50	0.00	100.0%
Total 3115-1 - CONTROL STATION	0.00			2,461.75	0.00		2,461.75	0.00	100.0%
3115-2 - RESERVOIR									
3115-2a - Maintenance	0.00			214.72	0.00		214.72	0.00	100.0%
3115-2d - Weed Management	0.00			323.94	0.00		323.94	0.00	100.0%
3115-2f - Operations	0.00			453.60	0.00		453.60	0.00	100.0%
3115-2h - Inspection	0.00			166.25	0.00		166.25	0.00	100.0%
Total 3115-2 - RESERVOIR	0.00			1,158.51	0.00		1,158.51	0.00	100.0%
Total 3115 - CARPINTERIA	0.00			3,620.26	0.00		3,620.26	0.00	100.0%
3116 - GOLETA REACH									
3116-1 - STRUCTURES									
3116-1d - Weed Management	0.00			149.65	0.00		149.65	0.00	100.0%
3116-1h - Inspection	0.00			45.36	0.00		45.36	0.00	100.0%
Total 3116-1 - STRUCTURES	0.00			195.01	0.00		195.01	0.00	100.0%
3116-4 - CONDUIT									
3116-4h - Inspection	0.00			209.51	0.00		209.51	0.00	100.0%
Total 3116-4 - CONDUIT	0.00			209.51	0.00		209.51	0.00	100.0%
Total 3116 - GOLETA REACH	0.00			404.52	0.00		404.52	0.00	100.0%
3117 - CARPINTERIA REACH									
3117-1 - STRUCTURES									
3117-1a - Maintenance	0.00			166.25	0.00		166.25	0.00	100.0%
3117-1h - Inspection	0.00			430.92	0.00		430.92	0.00	100.0%
Total 3117-1 - STRUCTURES	0.00			597.17	0.00		597.17	0.00	100.0%
3117-2 - LATERAL METERS									
3117-2a - Maintenance	0.00			2,963.58	0.00		2,963.58	0.00	100.0%
Total 3117-2 - LATERAL METERS	0.00			2,963.58	0.00		2,963.58	0.00	100.0%
3117-4 - CONDUIT									
3117-4f - Operations	0.00			68.04	0.00		68.04	0.00	100.0%
Total 3117-4 - CONDUIT	0.00			68.04	0.00		68.04	0.00	100.0%
Total 3117 - CARPINTERIA REACH	0.00			3,628.79	0.00		3,628.79	0.00	100.0%
3118 - Oak Tree Program	0.00			2,460.60	0.00		2,460.60	0.00	100.0%
3150 - Health & Workers Comp	0.00			53,960.40	185,907.00	29.0%	-131,946.60	185,907.00	29.0%
3155 - PERS	0.00			22,079.34	89,910.00	24.6%	-67,830.66	89,910.00	24.6%
3160 - Ops Co FICA	0.00			8,447.12	31,511.00	26.8%	-23,063.88	31,511.00	26.8%
3165 - Ops Co Medicare	0.00			1,975.52	7,370.00	26.8%	-5,394.48	7,370.00	26.8%
3100 - LABOR - OPERATIONS - Other	0.00			0.00	508,246.00	0.0%	-508,246.00	508,246.00	0.0%
Total 3100 - LABOR - OPERATIONS	0.00			209,867.20	822,944.00	25.5%	-613,076.80	822,944.00	25.5%
3200 VEH & EQUIPMENT									

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Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July - Sept 2012

	Fisheries			Operations			TOTAL		
	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget
3201 - Vehicle/Equip Mtce	0.00	30,000.00	25.4%	7,624.71	30,000.00	25.4%	7,624.71	30,000.00	25.4%
3202 - Fixed Capital	0.00	15,000.00	0.0%	0.00	15,000.00	0.0%	0.00	15,000.00	0.0%
3203 - Equipment Rental	0.00	5,000.00	12.6%	630.29	5,000.00	12.6%	630.29	5,000.00	12.6%
3204 - Miscellaneous	0.00	5,000.00	26.2%	1,307.52	5,000.00	26.2%	1,307.52	5,000.00	26.2%
Total 3200 VEH & EQUIPMENT	0.00	55,000.00	17.4%	9,562.52	55,000.00	17.4%	9,562.52	55,000.00	17.4%
3300 - CONTRACT LABOR	0.00	20,000.00	1.2%	245.00	20,000.00	1.2%	245.00	20,000.00	1.2%
3301 - Conduit, Meter, Valve & Misc	0.00	20,000.00	11.2%	2,240.67	20,000.00	11.2%	2,240.67	20,000.00	11.2%
3302 - Buildings & Roads	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
3303 - Reservoirs	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
3304 - Engineering, Misc Services	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
Total 3300 - CONTRACT LABOR	0.00	60,000.00	4.1%	2,485.67	60,000.00	4.1%	2,485.67	60,000.00	4.1%
3400 - MATERIALS & SUPPLIES	0.00	25,000.00	27.0%	6,758.82	25,000.00	27.0%	6,758.82	25,000.00	27.0%
3401 - Conduit, Meter, Valve & Misc	0.00	15,000.00	15.3%	2,289.21	15,000.00	15.3%	2,289.21	15,000.00	15.3%
3402 - Buildings & Roads	0.00	10,000.00	1.0%	99.98	10,000.00	1.0%	99.98	10,000.00	1.0%
3403 - Reservoirs	0.00	50,000.00	18.3%	9,148.01	50,000.00	18.3%	9,148.01	50,000.00	18.3%
Total 3400 - MATERIALS & SUPPLIES	0.00	90,000.00	52.6%	18,185.02	90,000.00	52.6%	18,185.02	90,000.00	52.6%
3500 - OTHER EXPENSES	0.00	7,000.00	29.9%	2,090.40	7,000.00	29.9%	2,090.40	7,000.00	29.9%
3501 - Utilities	0.00	6,000.00	1.8%	107.74	6,000.00	1.8%	107.74	6,000.00	1.8%
3502 - Uniforms	0.00	18,000.00	27.6%	4,969.06	18,000.00	27.6%	4,969.06	18,000.00	27.6%
3503 - Communications	0.00	4,000.00	7.7%	306.00	4,000.00	7.7%	306.00	4,000.00	7.7%
3504 - USA & Other Services	0.00	8,000.00	21.2%	1,697.15	8,000.00	21.2%	1,697.15	8,000.00	21.2%
3505 - Miscellaneous	0.00	3,000.00	10.3%	309.28	3,000.00	10.3%	309.28	3,000.00	10.3%
3506 - Training	0.00	46,000.00	20.6%	9,479.63	46,000.00	20.6%	9,479.63	46,000.00	20.6%
Total 3500 - OTHER EXPENSES	0.00	80,000.00	20.6%	18,871.86	80,000.00	20.6%	18,871.86	80,000.00	20.6%
4100 - LABOR - FISHERIES	21,537.47	93,817.00	23.0%	0.00	93,817.00	23.0%	21,537.47	93,817.00	23.0%
4101 - Senior Resource Scientist	22,503.15	88,729.00	25.4%	0.00	88,729.00	25.4%	22,503.15	88,729.00	25.4%
4102 - Project Biologist	16,643.60	69,348.00	24.0%	0.00	69,348.00	24.0%	16,643.60	69,348.00	24.0%
4103 - Biologist	15,816.52	15,816.52	0.0%	0.00	15,816.52	0.0%	15,816.52	15,816.52	100.0%
4104 - Oak Tree Program	0.00	15,000.00	4.0%	0.00	15,000.00	4.0%	0.00	15,000.00	4.0%
4114 - Seasonal Aide - JG	595.69	14,404.31	3.6%	0.00	14,404.31	3.6%	595.69	14,404.31	4.0%
4115 - Seasonal Aide - RK	545.07	15,000.00	24.3%	0.00	15,000.00	24.3%	545.07	15,000.00	3.6%
4116 - Seasonal Aide - DR	20,300.47	83,708.00	27.1%	0.00	83,708.00	27.1%	20,300.47	83,708.00	24.3%
4150 - FD Health & WC	12,970.17	47,878.00	28.5%	0.00	47,878.00	28.5%	12,970.17	47,878.00	27.1%
4151 - FD PERS	5,249.75	18,407.00	28.5%	0.00	18,407.00	28.5%	5,249.75	18,407.00	28.5%
4152 - FD Co FICA	1,227.74	4,305.00	26.0%	0.00	4,305.00	26.0%	1,227.74	4,305.00	28.5%
4153 - FD Co Medicare	117,389.63	451,192.00	26.0%	0.00	451,192.00	26.0%	117,389.63	451,192.00	26.0%
Total 4100 - LABOR - FISHERIES	217,537.47	938,170.00	23.0%	0.00	938,170.00	23.0%	217,537.47	938,170.00	23.0%
4200 - VEHICLES & EQUIP - FISHERIES	2,529.26	13,000.00	19.5%	0.00	13,000.00	19.5%	2,529.26	13,000.00	19.5%
4270 - Vehicle/Equip Mtce	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
4280 - Fixed Capital	246.75	2,500.00	9.9%	0.00	2,500.00	9.9%	246.75	2,500.00	9.9%
4290 - Miscellaneous	2,776.01	25,500.00	10.9%	0.00	25,500.00	10.9%	2,776.01	25,500.00	10.9%
Total 4200 - VEHICLES & EQUIP - FISHERIES	2,776.01	41,000.00	10.9%	0.00	41,000.00	10.9%	2,776.01	41,000.00	10.9%
4220 - CONTRACT LABOR - FISHERIES	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
4221 - Meters & Valves	0.00	13,000.00	0.0%	0.00	13,000.00	0.0%	0.00	13,000.00	0.0%
4222 - Fish Projects Maintenance	0.00	16,000.00	0.0%	0.00	16,000.00	0.0%	0.00	16,000.00	0.0%
Total 4220 - CONTRACT LABOR - FISHERIES	0.00	32,000.00	0.0%	0.00	32,000.00	0.0%	0.00	32,000.00	0.0%
4300 - MATERIALS/SUPPLIES - FISHERIES	59.24	6,000.00	1.0%	0.00	6,000.00	1.0%	59.24	6,000.00	1.0%
4390 - Miscellaneous	59.24	6,000.00	1.0%	0.00	6,000.00	1.0%	59.24	6,000.00	1.0%
Total 4300 - MATERIALS/SUPPLIES - FISHERIES	59.24	12,000.00	1.0%	0.00	12,000.00	1.0%	59.24	12,000.00	1.0%
4500 - OTHER EXPENSES - FISHERIES	196.34	2,500.00	7.9%	0.00	2,500.00	7.9%	196.34	2,500.00	7.9%
4502 - Uniforms	196.34	2,500.00	7.9%	0.00	2,500.00	7.9%	196.34	2,500.00	7.9%
Total 4500 - OTHER EXPENSES - FISHERIES	196.34	5,000.00	7.9%	0.00	5,000.00	7.9%	196.34	5,000.00	7.9%
4999 - GENERAL & ADMINISTRATIVE									

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Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
Budget vs. Actuals - July - Sept 2012

	Fisheries			Operations			TOTAL		
	Jul - Sep 12	\$ Over Budget	% of Budget	Jul - Sep 12	\$ Over Budget	% of Budget	Jul - Sep 12	\$ Over Budget	% of Budget
	Budget			Budget			Budget		
5000 - Director Fees	0.00			1,530.00	-1,258.25	17.8%	1,530.00	-1,258.25	17.8%
5001 - Director Mileage	0.00			6,270.00	-3,774.00	39.8%	6,270.00	-3,774.00	39.8%
5000 - Director Fees - Other	0.00			7,800.00	-5,032.25	35.5%	7,800.00	-5,032.25	35.5%
Total 5000 - Director Fees	0.00			15,600.00	-10,064.50	35.5%	15,600.00	-10,064.50	35.5%
5100 - Legal	0.00			100,000.00	-74,821.70	25.2%	100,000.00	-74,821.70	25.2%
5101 - Audit	0.00			11,700.00	-11,700.00	0.0%	11,700.00	-11,700.00	0.0%
5200 - Liability Insurance	0.00			40,000.00	-3,706.60	90.7%	40,000.00	-3,706.60	90.7%
5201 - Health & Workers Comp	0.00			155,966.00	-122,750.67	21.1%	155,966.00	-122,750.67	21.1%
5250 - PERS	0.00			53,810.00	-39,462.03	26.7%	53,810.00	-39,462.03	26.7%
5260 - Company FICA Admin	0.00			17,553.00	-12,792.85	27.1%	17,553.00	-12,792.85	27.1%
5265 - Company MCARE Admin	0.00			4,105.00	-2,869.41	30.1%	4,105.00	-2,869.41	30.1%
5300 - Manager Salary	0.00			104,000.00	-76,000.00	26.9%	104,000.00	-76,000.00	26.9%
5301 - Administrative Manager	0.00			17,255.49	-46,836.51	26.9%	17,255.49	-46,836.51	26.9%
5304 - Administrative Secretary	0.00			10,023.82	-26,761.18	27.2%	10,023.82	-26,761.18	27.2%
5306 - Administrative Assistant	0.00			39,590.00	-28,874.98	27.1%	39,590.00	-28,874.98	27.1%
5307 - Water Resources Planner	0.00			10,222.10	-28,419.90	26.5%	10,222.10	-28,419.90	26.5%
5310 - Postage/Office Exp	0.00			9,100.00	-7,470.92	17.9%	9,100.00	-7,470.92	17.9%
5311 - Office Equip/Leases	0.00			9,691.00	2,549.62	26.3%	9,691.00	2,549.62	26.3%
5312 - Misc Admin Expenses	0.00			10,790.00	-8,946.72	17.1%	10,790.00	-8,946.72	17.1%
5313 - Communications	0.00			7,995.00	-5,764.15	27.9%	7,995.00	-5,764.15	27.9%
5314 - Utilities	0.00			9,737.00	-6,926.89	28.9%	9,737.00	-6,926.89	28.9%
5315 - Membership Dues	0.00			6,425.00	-6,425.00	0.0%	6,425.00	-6,425.00	0.0%
5316 - Admin Fixed Assets	0.00			5,000.00	-5,000.00	0.0%	5,000.00	-5,000.00	0.0%
5318 - Computer Consultant	0.00			16,625.00	-12,075.97	27.4%	16,625.00	-12,075.97	27.4%
5325 - Emp Training/Subscriptions	0.00			2,000.00	-1,459.73	27.0%	2,000.00	-1,459.73	27.0%
5330 - Admin Travel/Conferences	0.00			2,000.00	-1,406.78	29.7%	2,000.00	-1,406.78	29.7%
5331 - Public Information	0.00			1,000.00	-764.38	23.6%	1,000.00	-764.38	23.6%
5332 - Transportation	0.00			0.00	0.00	0.0%	0.00	0.00	0.0%
5333 - Relocation Expense	0.00			-4,468.44	4,468.44	0.0%	-4,468.44	4,468.44	0.0%
5333-1 - Relocation Expense GM - C/O	0.00			4,468.44	-3,612.20	19.2%	4,468.44	-3,612.20	19.2%
5333 - Relocation Expense - Other	0.00			0.00	856.24	100.0%	0.00	856.24	100.0%
Total 5333 - Relocation Expense	0.00			0.00	856.24	100.0%	0.00	856.24	100.0%
Total 4999 - GENERAL & ADMINISTRATIVE	0.00			754,006.00	-542,553.76	28.0%	754,006.00	-542,553.76	28.0%
5400 - GENERAL & ADMIN - FISHERIES									
5401 - Health & Workers Comp.	10,757.88	41,902.00	25.7%	0.00	-31,144.12	25.7%	41,902.00	-31,144.12	25.7%
5402 - CalPERS	7,725.98	28,975.00	26.7%	0.00	-21,249.02	26.7%	28,975.00	-21,249.02	26.7%
5403 - Company Fica	2,563.24	9,452.00	27.1%	0.00	-6,888.76	27.1%	9,452.00	-6,888.76	27.1%
5404 - Admin Secretary	5,397.45	19,807.00	27.3%	0.00	-14,409.55	27.3%	19,807.00	-14,409.55	27.3%
5405 - GM Salary	15,076.95	56,000.00	26.9%	0.00	-40,923.05	26.9%	56,000.00	-40,923.05	26.9%
5406 - Company MCare	665.31	2,210.00	30.1%	0.00	-1,544.69	30.1%	2,210.00	-1,544.69	30.1%
5407 - Legal - FD	6,486.00	25,000.00	25.9%	0.00	-18,514.00	25.9%	25,000.00	-18,514.00	25.9%
5408 - Administrative Manager	9,291.45	34,511.00	26.9%	0.00	-25,219.55	26.9%	34,511.00	-25,219.55	26.9%
5409 - Administrative Assistant	5,769.62	21,317.00	27.1%	0.00	-15,547.38	27.1%	21,317.00	-15,547.38	27.1%
5410 - Postage / Office Supplies	927.74	4,900.00	18.9%	0.00	-3,972.26	18.9%	4,900.00	-3,972.26	18.9%
5411 - Office Equipment / Leases	1,372.83	5,218.00	26.3%	0.00	-3,845.17	26.3%	5,218.00	-3,845.17	26.3%
5412 - Misc. Admin Expense	952.78	5,810.00	16.4%	0.00	-4,857.22	16.4%	5,810.00	-4,857.22	16.4%
5413 - Communications	1,259.93	4,305.00	29.3%	0.00	-3,045.07	29.3%	4,305.00	-3,045.07	29.3%
5414 - Utilities	1,513.14	5,243.00	28.9%	0.00	-3,729.86	28.9%	5,243.00	-3,729.86	28.9%
5415 - Membership Dues	0.00	2,900.00	0.0%	0.00	-2,900.00	0.0%	2,900.00	-2,900.00	0.0%
5416 - Admin Fixed Assets	0.00	4,000.00	0.0%	0.00	-4,000.00	0.0%	4,000.00	-4,000.00	0.0%
5418 - Computer Consultant	2,449.49	7,125.00	34.4%	0.00	-4,675.51	34.4%	7,125.00	-4,675.51	34.4%
5425 - Employee Education/Subsription	0.00	2,500.00	0.0%	0.00	-2,500.00	0.0%	2,500.00	-2,500.00	0.0%
5426 - Director Fees	1,344.00	4,000.00	33.6%	0.00	-2,656.00	33.6%	4,000.00	-2,656.00	33.6%
5427 - Director Mileage	146.34	200.00	73.2%	0.00	-53.66	73.2%	200.00	-53.66	73.2%
5430 - Travel	0.00	2,500.00	0.0%	0.00	-2,500.00	0.0%	2,500.00	-2,500.00	0.0%
5431 - Public Information	126.87	2,000.00	6.3%	0.00	-1,873.13	6.3%	2,000.00	-1,873.13	6.3%
5432 - Transportation	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5433 - Relocation Expense - GM	0.00	-1,915.06	0.0%	0.00	1,915.06	0.0%	-1,915.06	1,915.06	0.0%
5433-1 - Relocation Expense GM - C/O	0.00								

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Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures

Budget vs. Actuals - July - Sept 2012

	Fisheries			Operations			TOTAL		
	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget	Jul - Sep 12	Budget	% of Budget
5433 - Relocation Expense - GM - Other									
Total 5433 - Relocation Expense - GM	366.96	1,915.06	19.2%	0.00			366.96	1,915.06	19.2%
5441 - Audt	366.96	0.00	100.0%	0.00			366.96	0.00	100.0%
5443 - Liab & Property Ins	0.00	6,300.00	0.0%	0.00			0.00	6,300.00	0.0%
5490 - Fish Projects Interest Expense	19,542.60	21,300.00	91.7%	0.00			19,542.60	21,300.00	91.7%
5450 - Water Resources Planner	0.00	1,000.00	0.0%	0.00			0.00	1,000.00	0.0%
	5,504.21	20,808.00	26.5%	0.00			5,504.21	20,808.00	26.5%
Total 5400 - GENERAL & ADMIN - FISHERIES	99,240.77	339,283.00	29.3%	0.00			99,240.77	339,283.00	29.3%
5510 - Integrated Reg. Water Mgt Plan	0.00			0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
5512 - OPEB Actuarial	0.00			0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
6000 - SPECIAL PROJECTS									
6062 - SCADA	0.00			1,882.68	35,000.00	5.4%	1,882.68	35,000.00	5.4%
6090-1 - COMB Bldg/Grounds Repair	0.00			0.00			0.00		
6090 - COMB Office Building	0.00			5,326.78	30,000.00	17.8%	5,326.78	30,000.00	17.8%
6092 - SCC Improv Plan & Design	0.00			0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
6097 - GIS and Mapping	0.00			2,409.57	10,000.00	24.1%	2,409.57	10,000.00	24.1%
6103 - SCCMURRP	0.00			481,022.75	3,200,000.00	15.0%	481,022.75	3,200,000.00	15.0%
6104 - Lower Reach Boundary Meter	0.00			15,143.48	22,500.00	67.3%	15,143.48	22,500.00	67.3%
6106 - NPLake intake Tower Phase I	0.00			0.00	27,000.00	0.0%	0.00	27,000.00	0.0%
Total 6000 - SPECIAL PROJECTS	0.00			505,785.26	3,349,500.00	15.1%	505,785.26	3,349,500.00	15.1%
6200 - FISHERIES ACTIVITIES									
6201 - FMP Implementation	0.00	92,000.00	0.0%	0.00			0.00	92,000.00	0.0%
6202 - GIS and Mapping	588.19	10,000.00	5.9%	0.00			588.19	10,000.00	5.9%
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	0.00	10,000.00	0.0%	0.00			0.00	10,000.00	0.0%
6205 - USGS Stream Gauge Program	18,537.50	75,000.00	24.7%	0.00			18,537.50	75,000.00	24.7%
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	5,317.05	20,000.00	26.6%	0.00			5,317.05	20,000.00	26.6%
6208 - Legislative & Steelhead Funding	0.00	5,000.00	0.0%	0.00			0.00	5,000.00	0.0%
6211 - SYR RiverWare Model Use	0.00	12,000.00	0.0%	0.00			0.00	12,000.00	0.0%
Total 6200 - FISHERIES ACTIVITIES	24,442.74	239,000.00	10.2%	0.00			24,442.74	239,000.00	10.2%
6300 - HABITAT ENHANCEMENT									
6303 - Tributary Projects Support	0.00	3,000.00	0.0%	0.00			0.00	3,000.00	0.0%
6304 - Engineering Designs - QC	0.00	35,000.00	0.0%	0.00			0.00	35,000.00	0.0%
6308 - Quiota Creek Crossing #7	314,407.42	890,000.00	35.3%	0.00			314,407.42	890,000.00	35.3%
Total 6300 - HABITAT ENHANCEMENT	314,407.42	928,000.00	33.9%	0.00			314,407.42	928,000.00	33.9%
6400 - STORM DAMAGE									
6402 - Zaca Fire Damage	0.00			0.00			0.00		
Total 6400 - STORM DAMAGE	0.00			0.00			0.00		
7006 - INTEREST EXPENSE	0.00			0.00	2,000.00	0.0%	0.00	2,000.00	0.0%
Total Expense	558,512.15	2,007,475.00	27.8%	957,780.53	5,147,450.00	18.6%	1,515,292.68	7,154,925.00	21.2%
Net Income	-249,222.92	0.00	100.0%	458,724.11	0.00	100.0%	209,501.19	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
October 01, 2012

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Tran Type Definitions

September 2012 Statement

Account Summary

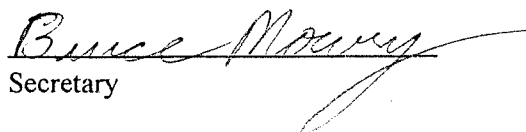
Total Deposit:	0.00	Beginning Balance:	3,872.06
Total Withdrawal:	0.00	Ending Balance:	3,872.06

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Bruce A. Mowry, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of September, 2012, 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

ITEM # 36
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**SANTA BARBARA
BANK & TRUST**

P.O. Box 60839, Santa Barbara, CA 93160-0839

5969
Cachuma Operation & Maintenance Board
Master Contract Renewal Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement

Statement Period: 09/01/2012 to 09/30/2012

Customer Service Representative
(888) 400-SBBT (400-7228)

BANKLINE-24-HOUR AUTOMATED INFORMATION
(800) 287-SBBT (287-7228)

www.sbbt.com

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It is our objective to assist you in selecting products and services that meet your personal and business needs. If you have any questions regarding your account, please feel free to call or visit one of our bankers for assistance.

Public Interest Checking

Checking Summary

Cachuma Operation & Maintenance Board

Master Contract Renewal Fund

Account Number	102335072
Interest Paid YTD	60.52
Interest Paid Last Year	47.87

Deposit Account Recap

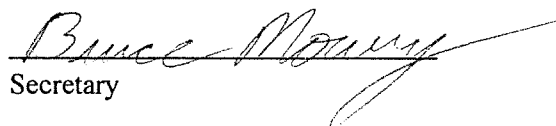
Beginning Balance as of	
September 1, 2012	10,135.06
3 Deposits (Plus)	140,104.54
Ending Balance as of	
September 30, 2012	150,239.60
Interest Paid	1.54

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Bruce A. Mowry, Secretary

SUBJECT: COMB INVESTMENT POLICY

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Secretary

ITEM # 36
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**SANTA BARBARA
BANK & TRUST**

P.O. Box 60839, Santa Barbara, CA 93160-0839

5970
Cachuma Operation & Maintenance Board
Cachuma Project Trust Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement

Statement Period: 09/01/2012 to 09/30/2012

Customer Service Representative
(888) 400-SBBT (400-7228)

BANKLINE-24-HOUR AUTOMATED INFORMATION
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Public Capital Tiered MMDA

Checking Summary

Cachuma Operation & Maintenance Board

Cachuma Project Trust Fund

Account Number	102335080
Interest Paid YTD	130.71
Interest Paid Last Year	383.00

Deposit Account Recap

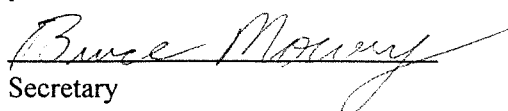
Beginning Balance as of	
September 1, 2012	61,766.02
1 Deposits (Plus)	15.23
Ending Balance as of	
September 30, 2012	61,781.25
Interest Paid	15.23

MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Bruce A. Mowry, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of September, 2012, 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 Santa Barbara Bank & Trust investments of this agency for the period indicated.


Secretary

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Payment of Claims
As of September 30, 2012

	Date	Num	Name	Memo	Amount
1050 · GEN FUND	09/05/2012	21204	COMB-Petty Cash	Replenish petty cash	-294.23
	09/06/2012	21205	Acorn Landscape Management Co.	Scheduled mtce	-260.77
	09/06/2012	21206	All Around Landscape Supply	Couplings/bushings/slips/sealant/adapters	-120.97
	09/06/2012	21207	Aqua-Flo Supply	Carp Res line wash materials/supplies	-135.66
	09/06/2012	21208	AT&T	Aug statement	-389.41
	09/06/2012	21209	Business Card	GM-Notary fee-Brown property easement/fuel/fleet mtce/ airfare/parking (Mowry)/Water Dist class (IVatankhah)/ Water Treatment Plant class (BMowry)/staff refreshments/ lunch-dam tender training	-1,190.17
				AM-Oak trees book/checks & envelopes (accounting)/ satellite monthly fee/webhost	-832.94
	09/06/2012	21210	Cabela's Marketing & Brand Mgt Inc.	Heavy canvas bags-PPE PO#9148	-131.93
	09/06/2012	21211	Cashier, DPR	QAC renewal-SKing #126761	-60.00
	09/06/2012	21212	Central Machine & Welding	Labor-modify pipe spools-NP bypass	-1,219.73
	09/06/2012	21213	Channel City Lumber	Treated stakes/tree snippers (oak trees)	-288.69
	09/06/2012	21214	CIO Solutions, LP	Maintain IT-Sep/Postini-Sep	-1,845.00
	09/06/2012	21215	City of Santa-Barbara	Refuse/recycle 7/30-8/28/12	-182.14
	09/06/2012	21216	City of Santa Barbara-Central Stores	Flag/gloves/ear plugs/masks	-337.66
	09/06/2012	21217	Coastal Copy, LP	Mtce agmts KM-C4035/TASKalfa copiers	-116.38
	09/06/2012	21218	COMB - Revolving Fund	Sep payrolls/taxes	-122,855.37
	09/06/2012	21219	Culligan Water	RO system Sep	-24.95
	09/06/2012	21220	Dale Francisco	Aug mtg fees	-265.20
	09/06/2012	21221	Dennis E. Beebe	Aug mtg fees	-318.95
	09/06/2012	21222	ECHO Communications	Answering service	-64.40
	09/06/2012	21223	GE Capital	Lease agmt KM-C4035 Billing ID#90133933786	-494.57
	09/06/2012	21224	Goleta Building Materials, Inc.	Silt fence with stakes-Quiota Crk/crushed blend gravel	-417.77
	09/06/2012	21225	Graybar Electric Company, Inc.	Insulated cable & coil/headlight (tool)	-63.25
	09/06/2012	21226	Home Depot Credit Services	Rebar/stakes-Oak Tree/misc tools-supplies/saw/concrete	-499.86
	09/06/2012	21227	Hydrex Pest Control Co.	Ant/pest control	-108.00
	09/06/2012	21228	J&C Services	Cleaning services 7/27, 8/3,10,17	-600.00
	09/06/2012	21229	Kenneth A. Knight, Consulting	Arborist services-Oak Tree Program-Aug	-1,710.00
	09/06/2012	21230	Laser Cartridge Co.	Cartridge recharge 64A	-154.07
	09/06/2012	21231	Lauren W. Hanson	Aug mtg fees	-267.10
	09/06/2012	21232	MarVac Electronics	USB's/misc parts	-28.76
	09/06/2012	21233	Musick, Peeler & Garrett LLP	General/Septic sys/Elevator/MURRP-Jul Brown/Salentine-Jul General/Fournier/Oak tree-Jul (Fisheries Dept) Quiota Crk-Jul (Fisheries Dept)	-5,402.70 -6,808.00 -1,449.00 -3,657.00
	09/06/2012	21234	Nextel Communications	Cellular	-517.37
	09/06/2012	21235	Permacolor, Inc.	Paint-spoils/pipe	-578.00
	09/06/2012	21236	PG&E	Tecolote tunnel/NP	-292.62
	09/06/2012	21237	Powell Garage	Battery/diagnosed charged system-'01 Silverado	-178.18
	09/06/2012	21238	Praxair Distribution, Inc	Cylinder rental	-60.45
	09/06/2012	21239	Prudential Overall Supply	Mats (all offices)	-141.82
	09/06/2012	21240	Republic Elevator Co.	Scheduled mtce-NP elevator	-278.12
	09/06/2012	21241	RJ Carroll & Sons, Inc.	Furnish cut pipe	-114.19
	09/06/2012	21242	Robert R. Lieberknecht	Aug mtg fees	-287.42
	09/06/2012	21243	Smarden-Hatcher Co.	Galvanized nipple/union	-109.15
	09/06/2012	21244	Southern California Edison	Main ofc/outlying stations	-1,576.52
	09/06/2012	21245	Staples Contract and Commercial, Inc.	Office supplies	-275.71
	09/06/2012	21246	Sun Coast Rentals	Trencher rental	-185.44
	09/06/2012	21247	Underground Service Alert of So. Calif.	New ticket charges-51	-76.50
	09/06/2012	21248	W. Douglas Morgan	Aug mtg fees	-278.20
	09/06/2012	21249	WFCB-OSH Commercial Services	Tools for Oak Tree prog/sealing tap/brush/weldable steel	-312.56
	09/06/2012	21250	Wright Express Fleet Services	Fuel (fleet)	-2,797.37
	09/12/2012	21251	Association of Ca Water Agencies/JPIA	10/1-11/1/12 coverage	-21,099.24
	09/12/2012	21252	County of Santa-Barbara	Clean rubble/mulch (oak trees)	-213.25
	09/12/2012	21253	Cox Communications	Business internet Sep	-195.00
	09/12/2012	21254	Famcon Pipe & Supply	Adjustable pipe support/gasket PO#9151	-185.33
	09/12/2012	21255	Goleta Building Materials, Inc.	Crushed blend gravel	-129.30
	09/12/2012	21256	Paychex, Inc.	8/3,17,31 payrolls/taxes	-431.40
	09/12/2012	21257	Scott Volan	Aug reimb-snorkel gloves/aluminum labels-tags	-72.53
	09/12/2012	21258	Southern California Edison	Glen Anne gate/Corona-Glen Anne Rd	-51.87
	09/12/2012	21259	Verizon California	Main ofc/outlying stations	-472.57
	09/12/2012	21260	Verizon Wireless	Cellular	-501.59
	09/12/2012	21261	GE Capital	Lease agmt TASKalfa Billing ID#90136047559	-133.61
	09/12/2012	21262	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-Aug	-637.00

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Payment of Claims
As of September 30, 2012

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
09/12/2012	21263	Megan Emami	Reimb-APWA conf travel/parking	-82.62
09/12/2012	21264	RJ Carroll & Sons, Inc.	Cut and thread steel pipe-Carp Res line wash project	-25.40
09/12/2012	21265	Southern California Edison	Foothill Rd	-36.67
09/17/2012	21266	Verizon California	SCADA	-502.50
09/20/2012	21267	Joe Gonzalez Welding	Weld flange to pipe	-95.00
09/26/2012	21268	COMB-Petty Cash	Replenish petty cash	-304.34
09/26/2012	21269	PG&E	Tecolote tunnel/NP	-338.22
09/26/2012	21270	Bureau of Reclamation	5th Annual Lauro SOD Act Contract#05-WC-20-2923	-32,088.00
09/26/2012	21271	Bureau of Reclamation	11th Annual Bradbury Dam SOD Act Contract#01-WC-20-2	-164,869.70
Total 1050 - GENERAL FUND				<u>-383,119.39</u>
				<u><u>-383,119.39</u></u>

comb2
Expenses By Vendor Year-to-Date
July through September 2012

	<u>Date</u>	<u>Memo</u>	<u>Debit</u>
Acorn Landscape Management Co.			
	07/25/2012	Scheduled mtce-Lauro yard	260.77
	08/25/2012	Scheduled mtce-Lauro yard	260.77
	09/25/2012	Scheduled mtce-Lauro yard	260.77
Total Acorn Landscape Management Co.			* 782.31
ACWA-Joint Powers Insurance Authority			
	09/30/2012	Ops/FD/Admin 7/1-9/30/12 workers comp	7,397.34
Total ACWA-Joint Powers Insurance Authority			7,397.34
ACWA/Joint Powers Insurance Authority			
	07/31/2012	Auto/Gen Liab Prog 10/1/12-9/30/13 policy year	55,836.00
Total ACWA/Joint Powers Insurance Authority			55,836.00
ACWA/JPIA-EAP			
	07/01/2012	Jul EAP	53.10
	07/09/2012	Aug EAP	53.10
Total ACWA/JPIA-EAP			106.20
All Around Landscape Supply			
	07/02/2012	PVC pipe	9.84
	07/03/2012	Slip/adapters	26.06
	08/14/2012	Couplings/bushings/slips/sealant	25.92
	08/15/2012	Adapters/couplings/slips	14.72
	08/16/2012	Couplings/adapters	80.33
Total All Around Landscape Supply			156.87
Aqua-Flo Supply			
	07/03/2012	Coupling/bushing PVC/primer/glue	100.74
	08/10/2012	Materials for Carp Res line wash project	107.50
	08/24/2012	PVC/slip cap/reducer bushing	28.16
	09/25/2012	Slip caps	8.44
	09/25/2012	Hose	96.50
Total Aqua-Flo Supply			341.34
Association of Ca Water Agencies/JPIA			
	07/01/2012	7/1-8/1/12 coverage	21,258.76
	07/09/2012	8/1-9/1/12 coverage	21,328.06
	08/02/2012	9/1-10/1/12 coverage	21,056.32
	09/05/2012	10/1-11/1/12 coverage	21,044.97
Total Association of Ca Water Agencies/JPIA			84,688.11
AT&T			
	07/27/2012	Jul statement	715.45
	08/27/2012	Aug statement	389.41
	09/27/2012	Sep statement	267.74
Total AT&T			1,372.60
Big Brand Tire Company			
	08/09/2012	Oil change/filter-Highlander	43.82
Total Big Brand Tire Company			43.82
Blois Construction, Inc.			
	08/01/2012	Retention-Pay Req#7-Construction portion-MURRP	28,121.43
	08/01/2012	Pay Req#7-Construction portion-MURRP	253,092.82
	09/01/2012	Pay Req#8-Construction portion-MURRP	112,897.44
	09/01/2012	Retention-Pay Req#8-Construction portion-MURRP	12,544.16
	09/30/2012	Pay Req#9-Construction portion-MURRP	64,958.35
	09/30/2012	Retention-Pay Req#9-Construction portion-MURRP	7,217.60
Total Blois Construction, Inc.			478,831.80

comb2
Expenses By Vendor Year-to-Date
 July through September 2012

Business Card	Date	Memo	Debit
	07/18/2012	GM-Parking-Mtg at County	3.00
	07/18/2012	GM-Gas treatment for S-10	11.62
	07/18/2012	AM-Satellite set-up/1st monthly fee	345.89
	07/18/2012	AM-Webhost	14.95
	07/18/2012	AM-APWA Int'l Public Works Expo-Anaheim (MEMami)	435.00
	08/18/2012	AM-Book (on Oak trees)	58.99
	08/18/2012	AM-Checks/envelopes	481.07
	08/18/2012	AM-Satellite monthly fee	49.99
	08/18/2012	AM-Webhost	242.89
	08/18/2012	GM-Notary fee-Brown property easement	30.00
	08/18/2012	GM-Fuel/Fleet mtce/mtce supplies	46.29
	08/18/2012	GM-Fleet mtce	3.85
	08/18/2012	GM-GM airfare/parking	776.20
	08/18/2012	GM-Water Dist class-(IVatankhah)/Water Treatment Plant class-(BMowry)	184.55
	08/18/2012	GM-Staff refreshments/lunch-dam tender training	140.48
	08/18/2012	GM-Staff refreshments	8.80
	09/18/2012	GM-Replacement parts for water truck	113.12
	09/18/2012	GM-Meal-mtg expense/staff refreshments	62.70
	09/18/2012	GM-Staff refreshments	22.58
	09/18/2012	GM-airfare/parking	312.90
	09/18/2012	GM-airfare/parking	134.10
	09/18/2012	GM-Hayward lumber-ADA ramp materials	2,325.87
	09/18/2012	AM-Satellite monthly fee	49.99
	09/18/2012	AM-Website hosting	104.65
Total Business Card			5,959.48
Cabela's Marketing & Brand Mgt Inc.			
	08/15/2012	Heavy canvas bags-PPE PO#9148	131.93
Total Cabela's Marketing & Brand Mgt Inc.			131.93
Cardno ENTRIX			
	09/18/2012	Permit Support-MURRP-Jul	54.08
Total Cardno ENTRIX			54.08
Cashier, DPR			
	09/05/2012	QAC renewal-SKing#126761	60.00
Total Cashier, DPR			60.00
CDPH-OCP			
	07/03/2012	Grade 1 Water Treatment Operator Cert-SKing	70.00
	08/08/2012	Grade 3 Water Treatment App fee-BMowry	100.00
Total CDPH-OCP			170.00
Central Machine & Welding			
	08/15/2012	Labor-modify pipe spools-NP bypass	1,219.73
Total Central Machine & Welding			1,219.73
Channel City Lumber			
	08/03/2012	Tree stakes-Oak Tree Program	150.31
	08/08/2012	Tree stakes-Oak Tree Program	150.31
	08/13/2012	Tree stakes/util knife/ppe (hats)-Oak Tree Program	170.75
	08/21/2012	Treated round stakes 8'	138.29
	08/21/2012	Tree snippers	30.15
	08/22/2012	Treated round stakes 8'	120.25
Total Channel City Lumber			760.06
CIO Solutions, LP			
	07/01/2012	JCare/Essential supp 7/24/12-7/23/13	649.82

comb2
Expenses By Vendor Year-to-Date
July through September 2012

	<u>Date</u>	<u>Memo</u>	<u>Debit</u>
	07/05/2012	Maintain IT-Jul	1,800.00
	07/05/2012	Postini-Jul	45.00
	08/01/2012	Maintain IT-Aug	1,800.00
	08/07/2012	Postini-Aug	45.00
	09/04/2012	Postini-Sep	45.00
	09/04/2012	Maintain IT-Sep	1,800.00
	09/18/2012	Endpoint antivirus 1 yr-all computers	577.73
	09/26/2012	Internal hard drive (for 'scott')	235.97
Total CIO Solutions, LP			<u>6,998.52</u>
City of Santa-Barbara			
	07/31/2012	Refuse/recycle 6/26-7/30/12	182.14
	08/29/2012	Refuse/recycle 7/30-8/28/12	182.14
	09/27/2012	Refuse/recycle 8/28-9/27/12	182.14
Total City of Santa-Barbara			<u>546.42</u>
City of Santa Barbara-Central Stores			
	08/31/2012	Gloves/ear plugs/masks	273.72
	08/31/2012	Flag	63.94
Total City of Santa Barbara-Central Stores			<u>337.66</u>
Coastal Copy, LP			
	08/02/2012	Mtce agmt TASKalfa 250ci 6/20-7/19/12	26.18
	08/02/2012	Mtce agmt KM-C4035E 6/9-7/8/12	393.66
	08/28/2012	Mtce agmt KM-C4035E 7/9-8/8/12	107.91
	08/28/2012	Mtce agmt TASKalpha 7/20-8/19/12	8.47
	09/27/2012	Mtce agmt TASKalpha 8/20-9/19/12	11.54
	09/27/2012	Mtce agmt KM-C4035 8/9-9/8/12	266.93
Total Coastal Copy, LP			<u>814.69</u>
COMB-Petty Cash			
	07/05/2012	Mounting for satellite	80.00
	07/31/2012	Fleet vehicle mtce/water for pump/fuel for truck	162.00
	07/31/2012	Fleet vehicle mtce	73.00
	07/31/2012	Refreshments-Damtenders training	24.76
	08/31/2012	Fleet vehicle mtce	235.00
	08/31/2012	Sunscreen	9.69
	08/31/2012	Fencing	49.54
	09/25/2012	Fleet vehicle mtce	200.00
	09/25/2012	Bolt cutter	19.92
	09/25/2012	Bug spray/poison oak medicine	59.24
	09/25/2012	Tree tags for oaks	25.18
Total COMB-Petty Cash			<u>938.33</u>
CONTECH Engineered Solutions			
	08/09/2012	1/3 Deposit on bridge Quiota Crk xng 7	53,684.76
Total CONTECH Engineered Solutions			<u>53,684.76</u>
County of Santa--Barbara			
	09/05/2012	Clean rubble	33.25
	09/05/2012	Mulch	180.00
	09/06/2012	Mulch	203.10
	09/20/2012	Green waste	17.16
Total County of Santa--Barbara			<u>433.51</u>
County of SB			
	08/09/2012	Quiota Creek Xng#7 Encroachment Permit Fee	20,744.76
Total County of SB			<u>20,744.76</u>

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Expenses By Vendor Year-to-Date
 July through September 2012

	<u>Date</u>	<u>Memo</u>	<u>Debit</u>
Cox Communications			
	07/01/2012	Business Internet Jul	185.25
	08/02/2012	Business Internet Aug	204.75
	09/01/2012	Business Internet Sep	195.00
Total Cox Communications			<u>585.00</u>
Culligan Water			
	07/01/2012	RO System Jul	24.95
	07/31/2012	RO System Aug	24.95
	08/31/2012	RO System Sep	24.95
	09/30/2012	RO System Oct	24.95
Total Culligan Water			<u>99.80</u>
Dale Francisco			
	07/31/2012	Jul Fees	83.20
	07/31/2012	Jul Mileage	2.99
	07/31/2012	Jul Fees	44.80
	07/31/2012	Jul Mileage	1.61
	08/31/2012	Aug Fees	166.40
	08/31/2012	Aug Mileage	5.98
	08/31/2012	Aug Fees	89.60
	08/31/2012	Aug Mileage	3.22
	09/30/2012	Sep Fees	83.20
	09/30/2012	Sep Mileage	2.99
	09/30/2012	Sep Fees	44.80
	09/30/2012	Sep Mileage	1.61
Total Dale Francisco			<u>530.40</u>
David Baum			
	09/30/2012	Reimb-travel/mileage	728.16
Total David Baum			<u>728.16</u>
David Flora			
	07/01/2012	Reimb steel toe boots	107.74
Total David Flora			<u>107.74</u>
Dennis E. Beebe			
	07/31/2012	Jul Fees	249.60
	07/31/2012	Jul Mileage	61.37
	07/31/2012	Jul Fees	134.40
	07/31/2012	Jul Mileage	33.05
	08/31/2012	Aug Fees	166.40
	08/31/2012	Aug Mileage	40.92
	08/31/2012	Aug Fees	89.60
	08/31/2012	Aug Mileage	22.03
	09/30/2012	Sep Fees	83.20
	09/30/2012	Sep Mileage	20.46
	09/30/2012	Sep Fees	44.80
	09/30/2012	Sep Mileage	11.02
Total Dennis E. Beebe			<u>956.85</u>
Draganchuk Alarm Systems			
	07/01/2012	Alarm monitoring 7/1-9/30/12	82.50
Total Draganchuk Alarm Systems			<u>82.50</u>
ECHO Communications			
	08/01/2012	Answering service	63.20
	09/01/2012	Answering service	64.40
Total ECHO Communications			<u>127.60</u>

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Expenses By Vendor Year-to-Date
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	Date	Memo	Debit
Famcon Pipe & Supply			
	07/26/2012	Clamps/couplers-SP Rd repair PO#9141	703.61
	08/03/2012	Steel blind flanges PO#9138	4,434.99
	08/09/2012	Flange, companion 4" PO#9138	23.71
	08/09/2012	2" thread o-let PO#9146	16.11
	08/10/2012	2 1/2" thread o-let PO#9145	45.26
	09/01/2012	10" 501 gaskets PO#9147	207.48
	09/06/2012	Adjustable pipe support/gasket PO#9151	185.33
	09/18/2012	Flanges PO#9155	31.25
	09/27/2012	Flange steel spool PO#9156	447.16
Total Famcon Pipe & Supply			6,094.90
Federal Express			
	07/20/2012	Mailing-ACWA docs	59.65
Total Federal Express			59.65
GE Capital			
	07/01/2012	Lease agmt TASKalfa Billing ID#90136047559	133.61
	07/22/2012	Lease agmt KM-C4035E Billing ID#90133933786	494.57
	08/01/2012	Lease agmt TASKalfa Billing ID#90136047559	133.61
	08/22/2012	Lease agmt KM-C4035 Billing ID#90133933786	494.57
	09/02/2012	Lease agmt TASKalfa Billing ID#90136047559	133.61
	09/23/2012	Lease agmt KM-C4035 Billing ID#90133933786	494.57
	09/23/2012	Property tax KM-C4035 Billing ID#90133933786	76.15
	09/30/2012	Copier lease TASKalfa Billing ID#90136047559	133.61
Total GE Capital			2,094.30
Golden State Labor Compliance, LLC			
	08/01/2012	Labor Compliance for Prop 50-MURRP-Jul	637.00
	09/01/2012	Labor Compliance for Prop 50-MURRP-Aug	637.00
	09/30/2012	Labor Compliance for Prop 50-MURRP-Sep	637.00
Total Golden State Labor Compliance, LLC			1,911.00
Goleta Building Materials, Inc.			
	07/06/2012	Legend wall cap	51.36
	08/23/2012	Crushed blend gravel	64.65
	08/23/2012	Crushed blend gravel	129.30
	09/04/2012	Silt fence w/stakes	353.12
Total Goleta Building Materials, Inc.			598.43
Graybar Electric Company, Inc.			
	07/16/2012	Conduit/couplings/elbow/sealant	47.09
	07/17/2012	Electrical cable	18.94
	08/14/2012	Insulated cable	13.08
	08/14/2012	Headlight (tool)	36.69
	08/16/2012	Insulated cable/coil	13.48
	09/13/2012	Screwdriver set/fluke acv detector (sml tools)	68.09
Total Graybar Electric Company, Inc.			197.37
Home Depot Credit Services			
	07/30/2012	Misc sml tools	220.30
	07/30/2012	Gaskets	35.67
	07/30/2012	Misc materials	23.87
	08/30/2012	Rebar/stakes	51.66
	08/30/2012	Misc tools-supplies/saw	419.98
	08/30/2012	Concrete	28.22
	09/28/2012	Paint-GATO	93.56

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Expenses By Vendor Year-to-Date
 July through September 2012

	<u>Date</u>	<u>Memo</u>	<u>Debit</u>
	09/28/2012	ADA ramp & door materials-supplies	837.32
Total Home Depot Credit Services			1,710.58
Hydrex Pest Control Co.			
	07/24/2012	Ant/pest control	108.00
	08/24/2012	Ant/pest control	108.00
	09/19/2012	Ant/pest control	108.00
Total Hydrex Pest Control Co.			324.00
Iraj Vatankhah			
	07/31/2012	Reimb-ESRI mileage (San Diego)	260.85
	07/31/2012	Reimb-ESRI hotel/parking/meals	445.24
	07/31/2012	Reimb-misc exp	25.00
Total Iraj Vatankhah			731.09
J&C Services			
	07/26/2012	Cleaning services 6/29, 7/6,13,20	600.00
	08/27/2012	Cleaning services 7/27, 8/3,10,17	600.00
	09/21/2012	Cleaning services 8/24, 31, 9/7, 14	600.00
Total J&C Services			1,800.00
Joe Gonzalez Welding			
	09/17/2012	Weld flange to pipe	95.00
Total Joe Gonzalez Welding			95.00
Kenneth A. Knight, Consulting			
	07/31/2012	Arborist services-Oak Tree Program-Jul	720.00
	08/31/2012	Arborist services-Oak Tree Program-Aug	1,710.00
	09/30/2012	Arborist services-Oak Tree Program-Sep	720.00
Total Kenneth A. Knight, Consulting			3,150.00
Larry's 8-Day Auto Parts			
	07/10/2012	Ball/trailer mounts	107.72
Total Larry's 8-Day Auto Parts			107.72
Laser Cartridge Co.			
	08/22/2012	Cartridge recharge 64A	154.07
	09/12/2012	Cartridge recharge 4600	139.75
Total Laser Cartridge Co.			293.82
Lash Construction, Inc.			
	07/31/2012	Base-Lauro yard	147.00
	09/05/2012	Base-Lauro yard	64.65
Total Lash Construction, Inc.			211.65
Lauren W. Hanson			
	07/31/2012	Jul Fees	249.60
	07/31/2012	Jul Mileage	10.82
	07/31/2012	Jul Fees	134.40
	07/31/2012	Jul Mileage	5.83
	08/31/2012	Aug Fees	166.40
	08/31/2012	Aug Mileage	7.22
	08/31/2012	Aug Fees	89.60
	08/31/2012	Aug Mileage	3.88
	09/30/2012	Sep Fees	166.40
	09/30/2012	Sep Mileage	7.22
	09/30/2012	Sep Fees	89.60
	09/30/2012	Sep Mileage	3.88
Total Lauren W. Hanson			934.85

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Expenses By Vendor Year-to-Date
July through September 2012

	<u>Date</u>	<u>Memo</u>	<u>Debit</u>
MapLogic Corporation			
	09/30/2012	MapLogic Layout Mgr Annual Mtce 10/9/12-9/8/13	250.00
Total MapLogic Corporation			<u>250.00</u>
MarBorg Industries			
	07/01/2012	Casitas Pass	97.68
	07/01/2012	Ortega	141.63
	07/01/2012	Glen Anne	88.99
	07/29/2012	Glen Anne 7/2-29/12	88.99
	07/29/2012	Casitas Pass 7/2-29/12	97.68
	07/29/2012	Ortega 7/2-29/12	141.63
	09/23/2012	Glen Anne 8/27-9/23/12	88.99
	09/23/2012	Casitas Pass 8/27-9/23/12	97.68
	09/23/2012	Ortega 8/27-9/23/12	141.63
	09/23/2012	ADA portable toilet 8/27-9/23/12	147.60
	09/27/2012	Green waste ticket #0609392	20.00
	09/27/2012	Green waste ticket #0609422	20.00
	09/27/2012	Green waste ticket #0609592	20.91
Total MarBorg Industries			<u>1,193.41</u>
MarVac Electronics			
	08/14/2012	USB's	18.21
	08/14/2012	Misc parts	10.55
Total MarVac Electronics			<u>28.76</u>
Megan Emami			
	07/31/2012	Reimb-ESRI mileage (San Diego)	246.75
	07/31/2012	Reimb-ESRI hotel/parking/meals	1,839.33
	08/31/2012	Reimb-APWA conf travel/parking	82.62
Total Megan Emami			<u>2,168.70</u>
Musick, Peeler & Garrett LLP			
	08/15/2012	General/Septic sys/Elevator/MURRP-Jul	5,402.70
	08/15/2012	Brown/Salentine-Jul	6,808.00
	08/15/2012	General/Fournier/Oak tree-Jul	1,449.00
	08/15/2012	Quiota Creek-Jul	3,657.00
	09/13/2012	General/Elevator/MURRP-Aug	8,045.60
	09/13/2012	Brown/Salentine-Aug	4,922.00
	09/13/2012	General/Oak tree-Aug	391.00
	09/13/2012	Quiota Creek-Aug	989.00
Total Musick, Peeler & Garrett LLP			<u>31,664.30</u>
Nextel Communications			
	07/22/2012	Cellular	517.44
	08/22/2012	Cellular	517.37
	09/22/2012	Cellular	636.39
Total Nextel Communications			<u>1,671.20</u>
Northern Safety Co. Inc.			
	09/19/2012	Safety vests/hardhats/ppe gown PO#9153	186.42
Total Northern Safety Co. Inc.			<u>186.42</u>
O'Reilly Automotive, Inc.			
	08/01/2012	Wiper blades/floor mats	112.95
	09/07/2012	Oil	36.14
Total O'Reilly Automotive, Inc.			<u>149.09</u>

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Expenses By Vendor Year-to-Date
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	Date	Memo	Debit
OS Systems, Inc.			
	07/03/2012	Stream count dry suit repair PO#9139	196.34
Total OS Systems, Inc.			196.34
Pacific Materials Laboratory			
	07/12/2012	Geotechnical Engineer site visit-Jul	172.00
Total Pacific Materials Laboratory			172.00
Paychex, Inc.			
	07/26/2012	7/6,20 payrolls/taxes/qtr end delivery	292.74
	08/30/2012	8/3,17,31 payrolls/taxes	431.40
	09/27/2012	9/14, 28 payrolls/taxes	287.60
Total Paychex, Inc.			1,011.74
Permacolor, Inc.			
	08/29/2012	Paint-spools/pipe	578.00
	09/17/2012	Paint-spools	150.00
Total Permacolor, Inc.			728.00
Peter Lapidus Construction, Inc.			
	09/26/2012	Quiota Crk xng7-progress inv#1	226,848.60
	09/26/2012	Retention-Quiota Crk xng7-progress inv#1	11,939.40
Total Peter Lapidus Construction, Inc.			238,788.00
PG&E			
	07/19/2012	NP	282.56
	07/19/2012	Tecolote tunnel	20.74
	08/17/2012	Tecolote tunnel	19.06
	08/17/2012	NP	273.56
	09/18/2012	NP	316.58
	09/18/2012	Tecolote tunnel	21.64
Total PG&E			934.14
Pitney Bowes Global Financial Services LL			
	07/01/2012	Postage meter lease 7/10-10/10/12	442.86
	09/23/2012	Postage meter property tax	27.94
	09/23/2012	Postage meter lease 10/10/12-1/10/13	442.86
Total Pitney Bowes Global Financial Services LL			913.66
Powell Garage			
	08/01/2012	Service-'06 Ranger #124	398.55
	08/06/2012	Service-'06 Ranger #123	341.27
	08/10/2012	Service-'03 Ford F150	318.05
	08/28/2012	Battery/diagnosed charged system-'01 Silverado	178.18
Total Powell Garage			1,236.05
Praxair Distribution, Inc			
	07/20/2012	Cylinder rental	58.50
	07/27/2012	Cylinder rental	61.45
	08/20/2012	Cylinder rental	60.45
	09/20/2012	Cylinder rental	60.45
Total Praxair Distribution, Inc			240.85
Premiere Global Services			
	07/31/2012	Conf. calls Jul	128.41
	09/30/2012	Conf. calls Sep	227.13
Total Premiere Global Services			355.54
Prudential Overall Supply			
	07/12/2012	Mats	70.91

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Expenses By Vendor Year-to-Date
 July through September 2012

	<u>Date</u>	<u>Memo</u>	<u>Debit</u>
	07/26/2012	Mats	70.91
	08/09/2012	Mats	70.91
	08/23/2012	Mats	70.91
	09/06/2012	Mats	70.91
	09/20/2012	Mats	49.74
Total Prudential Overall Supply			404.29
Republic Elevator Co.			
	07/01/2012	Scheduled mtce-NP elevator	278.12
	08/01/2012	Scheduled mtce-NP elevator	278.12
	09/01/2012	Scheduled mtce-NP elevator	278.12
Total Republic Elevator Co.			834.36
Reserve Account			
	07/31/2012	Postage refill	400.00
Total Reserve Account			400.00
RJ Carroll & Sons, Inc.			
	08/17/2012	Furnish cut pipe-Carp Res line wash project	114.19
	09/05/2012	Cut and thread steel pipe-Carp res wash line project	25.40
Total RJ Carroll & Sons, Inc.			139.59
Robert R. Lieberknecht			
	07/31/2012	Jul Fees	249.60
	07/31/2012	Jul Mileage	30.63
	07/31/2012	Jul Fees	134.40
	07/31/2012	Mul Mileage	16.50
	08/31/2012	Aug Fees	166.40
	08/31/2012	Aug Mileage	20.42
	08/31/2012	Aug Fees	89.60
	08/31/2012	Aug Mileage	11.00
	09/30/2012	Sep Fees	83.20
	09/30/2012	Sep Mileage	10.22
	09/30/2012	Sep Fees	44.80
	09/30/2012	Sep Mileage	5.51
Total Robert R. Lieberknecht			862.28
SB Home Improvement Center			
	07/16/2012	Hardware for handrail-Lauro yard	14.35
	09/18/2012	Clamps	47.85
	09/25/2012	Lumber/pipe wrap	32.27
	09/27/2012	Lumber	53.59
Total SB Home Improvement Center			148.06
Scott Engblom			
	08/20/2012	Brass hose w/shutoff for water trailer	8.40
	08/20/2012	Brass hose w/shutoff for water trailer	4.52
	08/20/2012	Oak Tree prog supp-stakes/fence/hoses/poles/deer netting	619.31
Total Scott Engblom			632.23
Scott Volan			
	08/31/2012	Snorkel gloves	40.41
	08/31/2012	Aluminum labels/tags	32.12
Total Scott Volan			72.53
Smarden-Hatcher Co.			
	08/09/2012	Gavl nipple/elbow	183.02
	08/16/2012	Gavl nipple/union	109.15
Total Smarden-Hatcher Co.			292.17

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Expenses By Vendor Year-to-Date
 July through September 2012

	Date	Memo	Debit
Smitty's Towing			
	09/19/2012	Towing charges veh#116 '00b Chev	50.00
Total Smitty's Towing			<u>50.00</u>
Southern California Edison			
	07/05/2012	Corona-Glen Anne Rd	20.52
	07/05/2012	Glen Anne gate	21.28
	07/10/2012	Foothill Rd	37.86
	07/28/2012	Outlying stations	133.71
	07/28/2012	Main ofc	1,413.92
	08/04/2012	Corona-Glen Anne Rd	22.39
	08/04/2012	Glen Anne gate	26.37
	08/08/2012	Foothill Rd	34.76
	08/28/2012	Outlying stations	132.96
	08/28/2012	Main ofc	1,443.56
	09/05/2012	Glen Anne gate	27.15
	09/05/2012	Corona-Glen Anne Rd	24.72
	09/07/2012	Foothill Rd	36.67
	09/27/2012	Outlying stations	637.87
	09/27/2012	Main ofc	1,464.01
Total Southern California Edison			<u>5,477.75</u>
Specialty Tool, LTD			
	09/14/2012	Nuts/bolts	32.11
	09/14/2012	Hand cleaner	16.64
	09/21/2012	Bolts	38.70
Total Specialty Tool, LTD			<u>87.45</u>
Staples Contract and Commercial, Inc.			
	07/25/2012	Office supplies	517.03
	08/23/2012	Office supplies	275.71
	09/12/2012	Office supplies PO#9154	258.63
	09/25/2012	Office supplies PO#9158	129.38
Total Staples Contract and Commercial, Inc.			<u>1,180.75</u>
Staples Credit Plan			
	09/27/2012	Ofc supp-ops crew	23.68
Total Staples Credit Plan			<u>23.68</u>
Sun Coast Rentals			
	08/15/2012	Trencher rental	185.44
	09/25/2012	Chipper	204.00
Total Sun Coast Rentals			<u>389.44</u>
TechnoFlo Systems			
	09/06/2012	27" FPI 394L Mult-mag meter (Boundary meter) PO#9143	15,143.48
Total TechnoFlo Systems			<u>15,143.48</u>
The Gas Company			
	07/25/2012	Gas-main office	1.76
Total The Gas Company			<u>1.76</u>
Tierra Contracting, Inc.			
	09/26/2012	Asphalt repair-ADA ramp PO#12-13-04	2,000.00
Total Tierra Contracting, Inc.			<u>2,000.00</u>

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Expenses By Vendor Year-to-Date
 July through September 2012

	Date	Memo	Debit
Tim Robinson			
	07/31/2012	Reimb-Hotel/meals/parking-ESRI conf-San Diego	463.19
Total Tim Robinson			463.19
Tri-Co Reprographics			
	08/03/2012	Copies-Quiota Crk xng#7	108.62
Total Tri-Co Reprographics			108.62
Underground Service Alert of So. Calif.			
	07/01/2012	New ticket charges-49	73.50
	08/01/2012	New ticket charges-49	73.50
	09/01/2012	New ticket charges-51	76.50
Total Underground Service Alert of So. Calif.			223.50
United States Geological Survey			
	07/13/2012	Agmt#12WSCA44600 3rd Qrtly billing Agmt 9/25/11	18,537.50
Total United States Geological Survey			18,537.50
UPS			
	09/29/2012	Shipping	33.68
Total UPS			33.68
Verizon California			
	07/04/2012	SCADA	492.28
	07/28/2012	Main ofc	353.51
	07/28/2012	NP	41.75
	07/28/2012	Ortega	45.37
	07/28/2012	Carp	45.33
	08/04/2012	SCADA	502.50
	08/28/2012	Main ofc	336.22
	08/28/2012	Ortega	45.17
	08/28/2012	NP	46.01
	08/28/2012	Carp	45.17
	09/04/2012	SCADA	502.50
	09/28/2012	Main ofc	339.00
	09/28/2012	Carp	44.34
	09/28/2012	Ortega	44.34
	09/28/2012	NP	44.53
Total Verizon California			2,928.02
Verizon Wireless			
	08/01/2012	Cellular-Ops	266.70
	08/01/2012	Cellular-GM	174.45
	08/01/2012	Cellular-GM/Field	97.09
	09/01/2012	Cellular-Ops	268.92
	09/01/2012	Cellular-GM	149.18
	09/01/2012	Cellular-GM/Field	83.49
Total Verizon Wireless			1,039.83
W. Douglas Morgan			
	07/31/2012	Jul Fees	249.60
	07/31/2012	Jul Mileage	21.65
	07/31/2012	Jul Fees	134.40
	07/31/2012	Jul Mileage	11.66
	08/31/2012	Aug Fees	166.40
	08/31/2012	Aug Mileage	14.43
	08/31/2012	Aug Fees	89.60

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Expenses By Vendor Year-to-Date
 July through September 2012

Date	Memo	Debit
08/31/2012	Aug Mileage	7.77
09/30/2012	Sep Fees	166.40
09/30/2012	Sep Mileage	14.43
09/30/2012	Sep Fees	89.60
09/30/2012	Sep Mileage	7.77
Total W. Douglas Morgan		973.71
WFCB-OSH Commercial Services		
07/05/2012	Conduit for Lauro yard PLC	10.10
07/05/2012	Misc mat-supp	49.52
08/24/2012	Tools for Oak Tree program	246.08
08/24/2012	Sealing tap/brushes/pipe joint compound	43.67
08/24/2012	Weldable steel	22.81
Total WFCB-OSH Commercial Services		372.18
Wright Express Fleet Services		
07/31/2012	Fleet fuel/cards	1,729.79
08/31/2012	Fleet fuel/cards	2,797.37
09/30/2012	Fleet fuel/cards	2,977.69
Total Wright Express Fleet Services		7,504.85
TOTAL		1,088,155.83

CACHUMA OPERATION & MAINTENANCE BOARD
Administrative Committee Meeting

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Thursday, October 4, 2012
10:00 A.M.

AGENDA

1. Structure of Salaries / Benefits for: *(for discussion)*
 - a. Current Employees
 - b. Current Retirees
 - c. Current Employees who retire

Structure of Benefits for: *(for discussion)*

 - d. Future Employees
 - e. Future Employees who retire
2. US Bureau of Reclamation Request for Telephonic Access to Board Meetings
3. Report on Oak Tree Removal authorized by the General Manager including the associated remediation plan
4. Purchase Order tracking worksheet
5. Adjournment

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

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	October 22, 2012
Submitted by:	Janet Gingras
Approved by:	Bruce Mowry

SUBJECT: Unaccounted Water and Two Percent System Loss

SUMMARY:

The unaccounted water identified each month on the Water Production and Use Report is the difference between total water production from Lake Cachuma and total water deliveries recorded for the month. The water production numbers include the amount of water released from the lake to the South Coast through the tunnel, the Tecolote Tunnel infiltration water, and in addition the water used at the Cachuma Lake Park.

The total water deliveries number includes the amount of State Water delivered to the South Coast, the Cachuma Lake demand delivered to the Member Units as calculated from the COMB meter reads, and the South Coast storage gain or loss from all reservoirs. The difference between the production number and the deliveries number is the unaccounted water. It is reasonable to assume a + / - 6% system loss.

I have attached a schedule of unaccounted water outlining the water year ending September 2012 which calculates the percentage of unaccounted water within the Upper Reach and the Lower Reach of the system. This approach is slightly different than the approach utilized in the water production and use report. As the table reflects, with exception of a couple of outliers, the unaccounted water is fairly consistent with a discrepancy of less than 6%.

Conditions in the system that will cause unaccounted water are as follows: natural distribution system losses, normal treatment plant losses, Lauro Reservoir evaporation losses, Ortega Reservoir losses and timing on meter reads. It should also be recognized that replacing worn meters with more accurate, newer technology meters will provide COMB with consistent readings which will provide greater accuracy in recording the demand in the system. The upper reach Glen Anne Turnout meter along with the lower reach Boundary meter have recently been replaced which will affect future readings affiliated with these meters and should show a marked improvement in accuracy over time.

The two percent system losses credited each month to Carpinteria Valley Water District (CVWD) stems from a discussion and arrangement in 2008 between the Member Unit Managers from CVWD and MWD, their Engineers and COMB. It was discovered in 2008 that there was a large discrepancy between the total metered water used for CVWD and CVWD actual customer sales of Cachuma Project Water. This led to several meetings and discussions on how to resolve the dilemma. A letter summarizing the agreed upon corrective actions to resolve the water accounting discrepancies is attached.

FISCAL IMPACTS:

N/A

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LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

For Information Only

LIST OF EXHIBITS:

1. Schedule of Unaccounted Water - Upper Reach and Lower Reach - WY 2012
2. Letter from COMB to CVWD and MWD regarding CVWD Cachuma Project Metering

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Cachuma Operation & Maintenance Board
Unaccounted Water

Water Year 2012

October 22, 2012

Upper Reach unaccounted water

	Cater Influent less Gibraltar	GWD Usage	Total Cater plus GWD	South Portal	Unaccounted Water	Percentage
Oct-11	1359.07	1011.11	2370.18	2440.65	70.47	2.89%
Nov-11	1160.88	757.32	1918.20	1970.63	52.43	2.66%
Dec-11	1056.05	712.33	1768.38	1788.59	20.21	1.13%
Jan-12	1468.64	888.80	2357.44	2455.08	97.64	3.98%
Feb-12	1307.03	735.53	2042.56	2217.47	174.91	7.89%
Mar-12	1359.78	913.44	2273.22	2363.90	90.68	3.84%
Apr-12	651.12	793.66	1444.78	1475.75	30.97	2.10%
May-12	1264.59	1141.91	2406.50	2481.18	74.68	3.01%
Jun-12	1500.76	1194.54	2695.30	2925.41	230.11	7.87%
Jul-12	1910.71	1364.64	3275.35	3384.68	109.33	3.23%
Aug-12	2000.17	1315.19	3315.36	3692.72	377.36	10.22%
Sep-12	2211.98	1193.31	3405.29	3577.05	171.76	4.80%

1500.55

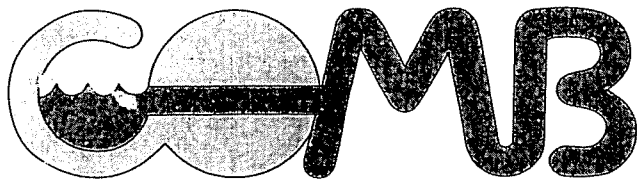
Lower Reach unaccounted water

	Cater South Flow less Sheffield lift	MWD Usage	CVWD Usage	Total MWD & CVWD	Unaccounted Water	Percentage
Oct-11	492.65	262.38	229.69	492.07	0.58	0.12%
Nov-11	334.88	124.44	201.65	326.09	8.79	2.62%
Dec-11	445.06	179.67	248.19	427.86	17.20	3.86%
Jan-12	539.96	222.02	291.36	513.38	26.58	4.92%
Feb-12	446.82	255.63	185.63	441.26	5.56	1.24%
Mar-12	490.80	235.94	229.96	465.90	24.90	5.07%
Apr-12	277.65	117.54	151.69	269.23	8.42	3.03%
May-12	675.59	335.46	274.82	610.28	65.31	9.67%
Jun-12	863.46	408.32	420.78	829.10	34.36	3.98%
Jul-12	1035.15	512.44	487.22	999.66	35.49	3.43%
Aug-12	904.90	493.18	371.49	864.67	40.23	4.45%
Sep-12	833.85	460.86	355.04	815.90	17.95	2.15%

285.37

1785.92

Note: Methodology used in this calculation is not the same as the COMB monthly water production and use report.



CACHUMA OPERATION AND MAINTENANCE BOARD

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contactus@cachuma-board.org

August 13, 2008

Mr. Charles Hamilton, General Manager
Carpinteria Valley Water District
P.O. Box 578
Carpinteria, CA 93104

CHRONO FILE

Mr. Thomas Mosby, General Manager
Montecito Water District
583 San Ysidro Road
Santa Barbara, CA 93108

RE: Carpinteria Valley Water District Cachuma Project Water Metering

Dear Charles and Tom:

As accurately summarized in Mr. Mosby's August 1, 2008 letter, it has recently been discovered that several of the Cachuma Operation and Maintenance Board's (COMB) turnout meters in the lower reach of the South Coast Conduit (SCC) have been malfunctioning. This resulted in discrepancies between COMB's total metered water use for the Carpinteria Valley Water District (CVWD) and CVWD's actual customer sales of Cachuma Project water between March and June 2008. Consequently, COMB undercharged CVWD for the amount of Cachuma water actually used.

Two meetings have been held with staff from COMB, CVWD and MWD to evaluate the extent of the problem, and to come to a mutual decision on how best to resolve the accounting discrepancy between March and June 2008, and how to more accurately account for CVWD Cachuma water use from July 2008 on. This letter is to document the corrective actions agreed to among the three agencies at the meeting of August 7, 2008.

COMB has historically read 40+ lateral meters in the Carpinteria reach of the SCC each month, and totaled the meter reads to ascertain total metered water use for the CVWD. These are mostly original meters installed in the mid 1950s when the Cachuma Project was originally constructed. Over time, five of the meters began malfunctioning or became non-functioning. With agreement from CVWD, COMB abandoned reading the faulty meters, and used CVWD water sales for those parts of their system in lieu of COMB's meter reads. Recently, at least three or four additional meters have also malfunctioned, which resulted in COMB undercharging CVWD for its total Cachuma water use for the last four months. This was discovered when COMB's total metered water use was compared with CVWD total water sales for that period.

A "boundary" meter, installed in 2001, is located on the SCC between MWD and CVWD. Although it is read by COMB each month, it has never been used to calculate CVWD's or MWD's Cachuma water use. To further evaluate the water use discrepancy, COMB staff recalculated CVWD's Cachuma water use using the boundary meter reads. A comparison with CVWD water sales, less well production, from November 2004 to June 2008 showed only a 1.13% averaged difference (not adjusted for system losses), thereby confirming that the some of the lateral meter reads were under-registering water deliveries. It also demonstrated that the boundary meter may be a viable alternative to using the lateral meters in calculating CVWD's Cachuma water use.

*Carpinteria Valley Water District
City of Santa Barbara
Goleta Water District
Montecito Water District*

*Santa Ynez River Water Conservation District, Improvement District #1
General Manager/Secretary of the Board, Kathleen A. Rees*

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At the August 7th meeting, the COMB, CVWD and MWD managers agreed to the following corrective actions.


1. CVWD water sales, less well production, and adjusted by 5% for CVWD unaccounted for system losses, will be used as the basis to calculate the amount of water undercharged by COMB from March through June 2008. The total adjustment for this period will be 700 acre feet.

<u>CVWD sales</u>		<u>well prod</u>	=	<u>CVWD usage</u>		<u>COMB meters</u>	=	<u>difference</u>	<u>w/5% loss</u>
1538 af	-	64	=	1474	-	807.89	=	666.11	~ 700 acre feet

2. COMB will provide CVWD with revised metered use reports from March through June 2008 using the adjustment amount of 700 af, and recalculate CVWD Cachuma water use for each month of that period.
3. CVWD will recalculate MWD's Cater water treatment costs for March 2008 using COMB's revised metered water use report, and issue a credit to MWD on the next quarterly bill.
4. CVWD will use COMB's revised metered use reports for April-May-June 2008 to calculate CVWD and MWD water treatment costs for that quarter.
5. Beginning July 2008, COMB boundary meter reads will be used to calculate CVWD Cachuma water use, and will be adjusted by 2% for SCC system losses.
6. Each month, COMB and CVWD will closely monitor and compare COMB's metered water use for CVWD using the boundary meter reads, adjusted by 2% for SCC system losses, to CVWD's actual water sales, less well production, and adjusted by 5% for CVWD unaccounted for system losses. If discrepancies continue to occur, the parties will reevaluate the water accounting for CVWD.
7. COMB staff will develop a proposal to rehabilitate the laterals in the lower reach of the SCC.

I appreciate everyone's effort and cooperation in resolving this issue. Please call me if you have any additional questions or concerns.

Very best/regards,



Kate Rees
General Manager

cc: Janet Gingras, COMB
Brett Gray, COMB
Norma Rosales, CVWD
Bob McDonald, CVWD
Toni Bailey, MWD
Karl Meiser, MWD

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	October 22, 2012
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Bruce Mowry

SUBJECT: Lake Cachuma Oak Tree Restoration Program – Update

SUMMARY:

COMB staff has completed the watering as prescribed by our consulting arborist. Weeding, mulching and deer protection caging have been completed for Year 6 trees (planted in 2011). Those tasks are ongoing for Years 5, 4 and 3 (planted in 2010, 2009, and 2008, respectively). Staff is in the process of conducting the inventory of all the oak trees planted (Years 3-6 completed, Years 1-2 remain). The Lake Cachuma Oak Tree Restoration Program Plan (Plan) continues to evolve as suggestions and observations are made. A table with a status report of completed tasks is provided (Table 1). The total amount of water used from Lake Cachuma to water oak trees is also provided (Table 2). Table 3 illustrates the number of staff hours and cost, and Table 4 shows material, supplies, and fuel expenses incurred to date.

Table 1: Cachuma Oak Tree Program completed tasks since 7/1/12.

Oak Year Class	Completed Tasks			
	July 2012	August 2012	September 2012	October 2012
Year 6 Oaks (2010-2011)	Site inspection	Mulched	Irrigated	Irrigated
	Irrigated	Irrigated		Tag replacement
	Weed whacked	Cage maintenance		
		Hand weeded		
		Inventoried		
Year 5 Oaks (2009-2010)	Site inspection	Mulched	Irrigated	Irrigated
	Irrigated	Irrigated	Inventoried	
	Weed whacked	Hand weeded		
Year 4 Oaks (2008-2009)	Site inspection	Mulch delivered	Irrigated	Inventoried
	Irrigated*	Irrigated*	Inventoried	Mulched
	Weed whacked			
Year 3 Oaks (2007-2008)	Site inspection	Mulch delivered	Irrigated	Inventoried
	Irrigated*	Irrigated*	Inventoried	Mulched
	Weed whacked			
Year 2 Oaks (2006-2007)	Site inspection	Cage maintenance	Cage maintenance	
	Weed whacked	Irrigated*		
Year 1 Oaks (2005-2006)	Site inspection	Cage maintenance	Cage maintenance	
	Weed whacked	Irrigated*		

*Valley Oaks watered

Water Use:

Table 2: Cachuma Oak Tree Program water use.

	Number of tank fill-ups/day during oak tree watering														
	7/13	7/16	7/17	7/30	7/31	8/1	8/2	8/3	8/28	8/29	8/30	10/2	10/3	10/10	10/11
(900 gallon tank)	2	2	2.75	3	4	3.25	4	2.25	3	2.5	4	2.5	2.5	4	3
(400 gallon tank)	3	3.5	4												
Gallons/day	2,700	2,850	3,675	2,700	3,600	2,925	3,600	2,025	2,700	2,250	3,600	2,250	2,250	3,600	2,700
Acre-feet/day	0.008	0.009	0.011	0.008	0.011	0.009	0.011	0.006	0.008	0.007	0.011	0.007	0.007	0.011	0.008
			Gallons	Acre-feet	1 acre-foot = 325,851 gallons										
	July Total =	15,525	0.048												
	August Total =	17,100	0.052												
	October Total =	10,800	0.033												
Total Water Used to Date =	43,425	0.13													

FINANCIAL IMPACT:

Table 3: Cachuma Oak Tree Program staff hours and personnel cost to date.

	July	August	September	October (through 10/12)	Total
COMB Staff (hours):					
Seasonal Biologist Aide A		177.75	96.5		274.25
Seasonal Biologist Aide B	33.5	170.5	88.5		292.5
Water Service Worker I		8			8
Water Service Worker II	31	48		16	95
Water Service Worker III		16			16
Engineer Technician I				18	18
Project Biologist A	17	17		16	50
Project Biologist B	25.25	60	0.5	20	105.75
Senior Resource Scientist	18	52.5	12	8	90.5
Total Staff Hours:	124.75	549.75	197.5	78	950
Cost - Labor plus burden	\$5,549.22	\$16,505.46	\$3,676.53	\$4,178.44	\$29,909.65
Consultant Service Hours (Ken Knight):	12	28.5	12		52.5
Consultant Cost	\$720.00	\$1,710.00	\$720.00	\$0.00	\$3,150.00
Total Personnel /Consultant Cost	\$6,269.22	\$18,215.46	\$4,396.53	\$4,178.44	\$33,059.65

Table 4: Cachuma Oak Tree Program expenses to date.

	July	August	September	October (through 10/12)	Total
Materials and Supplies:					
Tree stakes		\$759.16			\$759.16
Hand tools		\$176.23			\$176.23
Protective deer netting		\$458.08			\$458.08
Tree tags		\$32.12	\$25.18		\$57.30
Mulch			\$383.10		\$383.10
Rebar		\$51.66			\$51.66
Hoses		\$210.77			\$210.77
PPE		\$70.75			\$70.75
Vehicle Fuel Cost	\$222.00	\$555.00	\$88.80	\$111.00	\$976.80
Equipment Fuel Cost	\$58.35	\$70.02		\$46.68	\$175.05
Total Materials and Supplies	\$280.35	\$2,383.79	\$497.08	\$157.68	\$3,318.90
TOTAL EXPENSES (labor, materials + supplies)	\$6,549.57	\$20,599.25	\$4,893.61	\$4,336.12	\$36,378.55

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

For Board information only.

LIST OF EXHIBITS:



CACHUMA OPERATION AND MAINTENANCE BOARD (COMB)

October 22, 2012 BOARD REPORT

Report By: David Baum

Environmental Mitigation By: Bruce Mowry

PROJECT: Modified Upper Reach Reliability Project (MURRP)

PROJECT DESCRIPTION: Construct approximately 2,000 feet of 48-inch diameter welded steel pipe, install a 48-inch magnetic flowmeter, intertie the new pipeline with the existing pipeline at the Glen Anne Turnout, replace the existing Goleta West meter with a 24-inch magnetic flowmeter and reconstruct the Tecolote Tunnel South Portal Transition Structure.

PROJECT LOCATION: Up a private road north of the north end of Glen Anne Road. Project begins at the South Portal of the Tecolote Tunnel and terminates at the Glen Anne Turnout.

PURPOSE: Increase the operational flexibility, reliability, and capacity of the Conduit between the South Portal of the Tecolote Tunnel and the Corona Del Mar Water Treatment Plan. The increase in operational flexibility, reliability, and capacity are intended to accommodate peak demand levels and to allow maintenance of the pipeline.

CONTRACTOR: Blois Construction, Inc.

DESIGN ENGINEER: Perliter & Ingalsbe

Contract Status - Time

Notice to Proceed:	December 22, 2011
Contract Time (complete all work):	360 Calendar Days
Completion Date:	December 16, 2012
Elapsed Time	306 days
Remaining Time (complete all work):	68 days
Time Elapsed to Date	69%

Contract Status – Financial

Original Contract Sum:	\$3,948,997
Approved Change Orders:	\$0
Adjusted Contract Sum:	\$3,948,997
Total Work Completed to Date:	\$3,631,039
10% Retention	\$363,104
Total Paid to Date	\$3,267,935
Balance to Finish, Plus Retention	\$681,062
% of Work Completed to Date	92%

SUMMARY OF WORK PERFORMED

Blois connected the new 48" pipe to the existing waste pipe, and connected the new 48" pipe to the existing 48" South Coast Conduit and demolished portions of the Tecolote Tunnel South Portal Junction Structure. The top portion of the south end of the Junction Structure was removed in preparation for the shutdown at the end of the month. Prior to the October 30, 2012 shutdown detailed below, Blois will have installed two slide gates; one in the Junction Structure East Chamber and one in the West Chamber and, although all of the joints on the new 48" pipe have been air tested, the pipeline will be filled with water as a final

WORK PROJECTED FOR NEXT MONTH

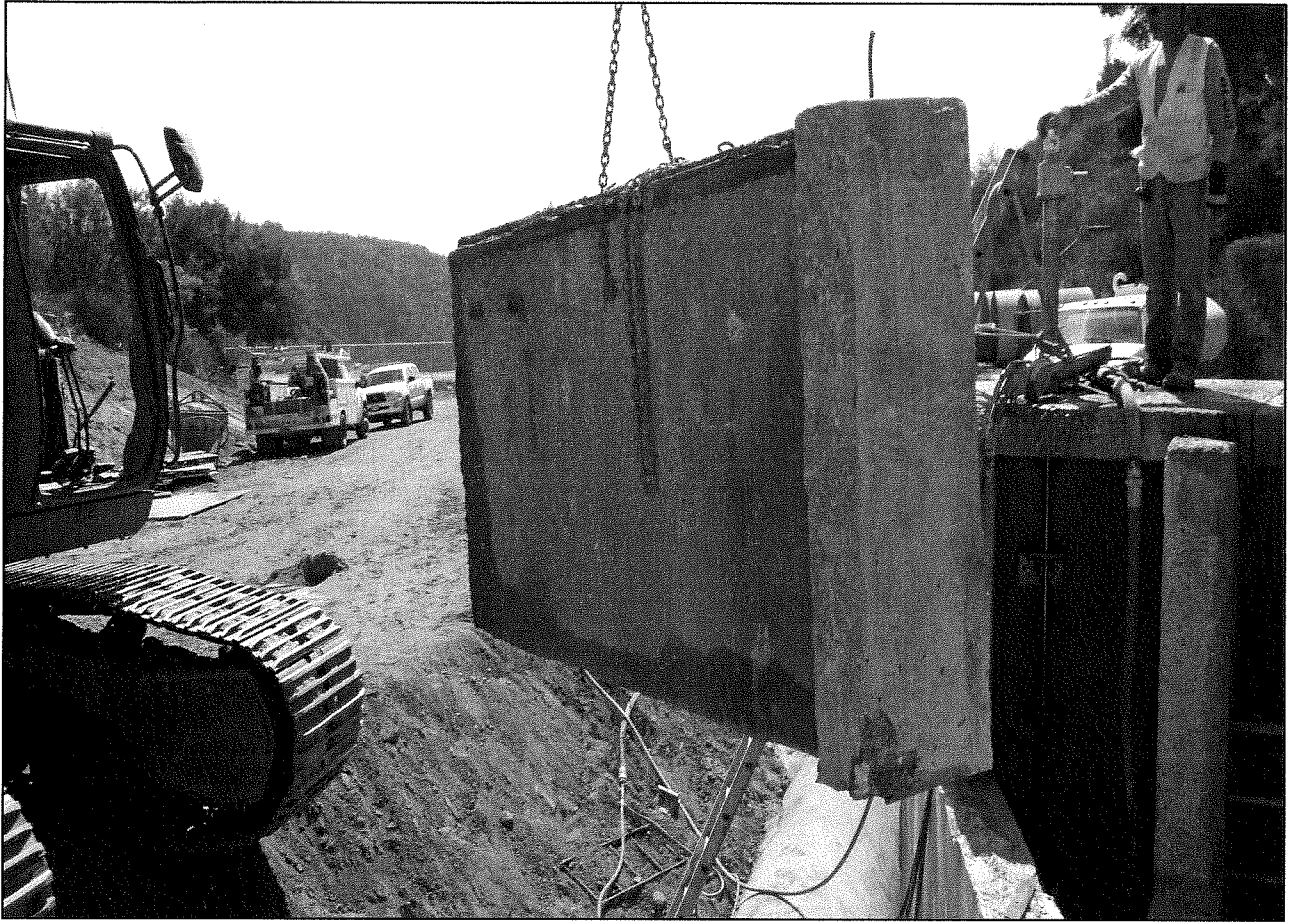
On October 30, 2012, COMB will shut down the Tecolote Tunnel, cutting off all flow into the South Coast Conduit. Blois Construction will accomplish three major Items of work: 1) Break out the existing 48" SCC pipe wall through the point of connection to the new 48" SCC line at station 21+95.08. 2) Cut out the wall between the tunnel and Junction Structure East Chamber. 3) Install a temporary plug to block water from flowing into the existing 48" SCC. Upon completion of all work, water to the Tecolote Tunnel will be turned back on, allowing water to flow through to new 48" pipe. After the new pipeline is in service, the existing pipeline will be connected to the Junction Structure East Chamber and a new 84" tunnel access will be constructed where the south end of the Junction was demolished. A second shutdown will tentatively occur on November 14, 2012 to remove the plug that was installed on October 30, 2012.

MITIGATION EFFORTS

The Modified Upper Reach Reliability Project (MURRP) removed five trees within the construction corridor that were covered by the permits issued on this project. COMB has planted 125 oak trees at Lauro Reservoir. The only permit for the MURRP which requires revegetation is the "Streambed Alteration Agreement", which requires a 2:1 replacement ratio of trees removed within the "sensitive resource zone" 1:1 (five trees) onsite and 1:1 (five trees) offsite. It also requires planting seeds within the disturbed construction corridor with a native seed mix for erosion control. COMB will be hydroseeding all of the disturbed with native seeds, except for the privately owned land. The native seed mix can be rejected by the land owner, and has been. The private land within the project site is an avocado orchard and COMB will be planting low growing legumes to prevent erosion and not disturb the orchard. COMB plans on beginning revegetation on the project site this October.

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PAGE 2

PHOTOGRAPHS



Portion of the South Portal Junction Structure being removed



Saw cutting South Portal Junction Structure walls with diamond blade



Water flowing from Junction Structure into 48" Conduit

CACHUMA OPERATION & MAINTENANCE BOARD
SOUTH COAST CONDUIT SHUTDOWN
OCTOBER 30, 2012

The objective of this shutdown is to be able to transfer flows from the existing SCC to the new SCC so work can be completed at the South Portal Junction Structure and connect the existing SCC to the Junction Structure West Chamber.

Prior to October 30, 2012, Blois Construction (Blois) will install slide gates in South Portal Junction Structure East and West Chambers. If gates are not installed and operable by October 25th, the shutdown will be cancelled.

All pipeline joints on the new 48" pipeline have been tested. However, prior to October 30, 2012, Blois will load the new pipeline with water to test for any leakage and to verify that the new pipeline will convey water.

Point of contact during this shutdown will be Dave Baum (cell number 805-680-3621) and if at any time on October 30th, Dave cannot continue to be the point person, Bruce Mowry (cell number 805-698-8840) will assume the duties as the point of contact. Richard Macias, superintendent with Blois, will be onsite the entire time to supervise all work and keep COMB informed of progress being made and any problems which may arise. **Dave Baum will be the only authorized person to talk with Blois's superintendent during this shutdown.**

Updates will be given to the COMB Board of Directors and all member agencies General Managers at 8:00 am that shutdown was successful and work is progressing as scheduled, 12 noon on status of work, 4:00 pm on status of work and 8:00 pm that work has been successfully completed and water is flowing in Tecolote Tunnel.

Activities on October 30, 2012

4:10 am – COMB will close the flow control valve at the North Portal remotely through COMB's SCADA system. The ten inch bypass pipe at the North Portal will have been closed on October 29th. Two COMB staff members will arrive at the North Portal by 6:30 am to start the tunnel ventilation fan and lock out the flow control valve. They will remain there all day and will turn the valve back on at 4:00 pm. This valve is COMB's modulating valve that is used every day, and therefore constantly being exercised, so no problems are expected. This was the same shutdown procedure that COMB successfully used for the dive inspection on August 22, 2012 at the Intake tower. Flows are expected to be reduced to 2.0± MGD (tunnel infiltration water) at the South Portal by 6:40± am. The overflow drains at the South Portal Junction Structure and the waste line at Glen Annie Turnout (GATO) will be opened by Blois Construction (Blois) to discharge the 2.0± MGD flow to Glen Annie Reservoir. If flows cannot be reduced to 2.0± MGD by 8:00 am, shutdown will be aborted and North Portal flow control valve will be opened to allow water to flow at the current rate. Goleta West Conduit (GWC) flows will be reduced to 0.0 and will remain at that level for the length of the shutdown.

6:40± am – The slide gate allowing water to flow from the GATO to GWC will be closed by COMB Staff.

COMB
SCC Shutdown
October 30, 2012

6:50± am – The blow off valve downstream of GATO (station 23+97) will be opened for approximately ten minutes to drain water in the existing 48" pipe leaving the Glen Annie Turn Out to allow Blois staff to enter the pipe to begin construction activities. Valve will be operated by COMB Staff.

7:10± am – The blow off (station 12+62) valve on the existing 48" pipeline in the West Fork of the Glen Annie Creek by COMB Staff.

6:40± am – Flows to Corona Del Mar Water Treatment Plant (CDMWTP) will drop to 0.0 and will remain at that level for the length of the shutdown. Flows to Laurel Reservoir will drop to 0.0 at 7:00± am. Flows from Laurel Reservoir into Cater WTP will remain the same. Elevation of Laurel Reservoir will be raised 2'± on October 29th. Water flows to The City of Santa Barbara, Montecito Water District and Carpinteria Valley Water District will not be affected by the shutdown.

The adjustable weir in the Corona Del Mar Turn Out will be lowered to the lowest position by COMB Staff during this shutdown and will be raised once flow is returned to the system at the end of the day.

In order to successfully transfer the flows to the new pipeline the following work must be completed in the following three areas. **Area 1:** Break out the existing 48" SCC pipe wall through the point of connection to the new 48" SCC line at station 21+95.08. **Area 2:** Cut out the tunnel wall through the east junction structure box. **Area 3:** Install a temporary plug to block water from flowing into the existing 48" SCC. None of the work scheduled will need to be completed in order to turn the water back on.

Area 1: Blois Construction will begin work at 7:00± am. Area 1 work is at the GATO. A workman will enter the new above ground 48" SCC and crawl through the 48" pipe to the point of connection to the existing 48" SCC at station 21+95.08. Once through to that point he will begin the removal of the existing 48" pipe wall. This will be achieved by use of a diamond blade saw for the majority of the area to be removed. Wedge anchors will be fastened to this section prior to cutting in order to extract the majority of the concrete. A second workman will be available to relieve the first workman if necessary and second saw will be available if the first one breaks. Fabric will be installed prior to beginning the cutting in order to contain the cuttings and slurry from this operation. Access through the turn out will be made prior to the start of this work in order to place the fabric. Once cut through, the edges will be chipped out and filled with fast drying hydraulic cement to provide a smooth transition. All personnel entering the pipes will have a personal oxygen sensor and ventilation fans and will employ the buddy system, where a team member will wait for them out side of the pipe. Blois will implement a confined space procedure in accordance with their safety plan. This work is scheduled to be complete by 2:00.

If this work is not completed by 4:00 pm for any reason, the workman will exit the pipe, the new 48" butterfly valve closed allowing water to flow through the existing 48" SCC. Water can be turned back on with the work partially complete.

Area 2: Blois will use Penhall Inc. to complete saw cutting the concrete window between the Tecolote Tunnel and Junction Structure East Chamber. Work will be performed by one operator with one concrete saw, assisted as necessary by Blois. The access and scaffolding will be set up and provided for on the day prior to the shutdown. After Penhall completes cutting the window, Blois will remove the

concrete plug through the tunnel and the south end of the existing Junction Structure which has already been modified to accommodate access and the removal. Blois will use hydraulic rams to move the approximately 1.5 ton concrete blocks from their position after cutting to a skid waiting in the tunnel. They will then use the Hitachi 450 excavator to pull the skid and block down to the South Portal structure and lift them out of the opening. A second excavator is onsite as a backup. As part of the contingency plan for Area 2 work, Blois will schedule a second man and saw with Penhall to perform the cut through of the tunnel window on the West chamber. Therefore, another saw and operator will be onsite if something happens to the primary operation of extracting the window from the east chamber. Removing the window from the tunnel to the west chamber is scheduled for the November 7, 2012 shutdown. However, if everything goes smoothly, it might be completed during this shutdown.

Once the plug has been removed, Blois will begin the work in Area 3. If this work is not completed by 4:00 pm for any reason, the workmen will exit the structure and the water will be turned back on.

Area 3: Blois will install an 84" temporary plug in the tunnel just southerly of the Junction Structure East and West Chambers. This plug will prevent water from the tunnel from flowing into the existing 48" SCC.

If installation of this plug cannot be completed by 4:00, workers will clear the area and the water will be turned back on as scheduled.

After all three areas of work have been completed, the water will be turned back on at the North Portal, the slide gate from the Junction Structure East Chamber will be opened and water will flow through the new 48" SCC to the GATO where it will flow into the existing 33" GWC and the existing 48" SCC.

4:00 pm – By this time on October 30th all workers will be clear of any part of the pipeline system and the North Portal flow control valve will be opened to allow 55 MGD for a period of two hours. The new gate valve at the South Portal Junction Structure will be fully open, the drain valve at the Junction Structure will be open, the 24" butterfly that can discharge to the waste way at the Glen Annie Turn Out will be open, the 24" butterfly connected to GWC will be closed, the 48" butterfly on the new connection to the existing 48" pipeline will be open, all blow offs will be closed and the weir at the Corona Del Mar Turn Out will be at its lowest position. After these first two hours the flow will be reduced to 7-10 MGD until the next day or if Goleta Water District anticipates greater demand the night after this shutdown period on October 30th the flow will be set at the estimated demand of GWD. The following day the flows will be adjusted up to normal operating practices to fill Lauro Reservoir.

Once flow has been established at the South Portal Junction Structure, the drain valve will be closed. When turbidity levels acceptable to GWD have been reached and they are ready to start their chlorination system at the GATO, the 24" butterfly valve to the GWC will be opened and the 24" butterfly valve to the waste way will be closed. When water levels are stable at GATO, the adjustable weir at the Corona Del Mar Turn Out will be raised, and flow conditions at the GATO will be monitored.

When water levels have been achieved at the Corona Del Mar Turn Out to acceptable levels to Goleta Water District, they will be able to start their water treatment plant.

COMB
SCC Shutdown
October 30, 2012

If the new pipeline fails to convey water through the new intertie to the existing 33" GWC or the existing 48" SCC at GATO, the new 24" drain in the Junction Structure East Chamber will be opened, Blois will cut through the upper part of the plug that was just installed with a chain saw, the 24" drain from the East Chamber will be closed and water will flow through the existing conduit to GATO as it did before October 30, 2012 shutdown. If we have to rely on the existing 48" conduit, Goleta needs to switch the chlorination system before GW slide gate is opened at GATO.

Valve Operation

COMB will be operating the following valves on October 30, 2012:

1. North Portal Flow Control Valve will be closed at 4:10 am and opened at 4:00 pm. This valve is COMB's modulating valve that is used every day, and therefore constantly being exercised, so no problems are expected. This was the same shutdown procedure that we successfully used for the dive inspection August 22, 2012 at the Intake tower.
2. The slide gate at GATO, regulating flow to GWC will be closed at 6:40± and will remain closed.
3. The existing drain valve at the South Portal Junction Structure will be opened at 6:40± am.
4. The new gate valve at the South Portal Junction Structure East Chamber will be fully open.
5. The new drain valve at South Portal Junction Structure will be open when the water is turned back on. It will be closed once flow has been established at the South Portal Junction Structure.
6. The new 24" butterfly that delivers water from the new 48" pipe at GATO to GWC will be closed and then opened when turbidity levels acceptable to GWD have been reached and they are ready to start their chlorination system.
7. The 24" butterfly valve that can discharge to the waste way at the Glen Annie Turn Out will be opened at 4:00 pm and closed when turbidity levels acceptable to GWD have been reached and they are ready to start their chlorination system.
8. The existing drain valve at the GATO will be opened at 6:40± am and closed at 4:00 pm.
9. The blow off valve on the existing 48" pipeline in the West Fork of the Glen Annie Creek (station 23+97) will be opened at 6:50± am) for approximately ten minutes to drain water in the existing 48" pipe leaving the GATO to allow Blois Construction staff to enter the pipe to begin construction activities. If valve does not close, COMB has a valve at their yard and will replace it.
10. New 48" valve at the GATO will be closed at 4:00 pm.

Release of Information

Any questions concerning COMB's operations will be referred to Bruce Mowry.

All COMB employees have been instructed to refer all inquires to GWD (964-6761).

COMB
MURRP Expenditures
May 2011 through Sept 2012

6000 - SPECIAL PROJECTS
6103 - SCCMURRP

Date	Num	Name	Memo	Amount
06/10/2011	37133247	AECOM Technical Services, Inc.	TO#37 Mtgs/compile plans/hydraulic model setup/proj admin	16,353.12
06/30/2011	37140585	AECOM Technical Services, Inc.	TO#37 Prelim analysis/design rpt/prep 30% design	48,646.88
05/09/2011	2092-07	Applied EarthWorks, Inc.	Survey/Field recordation PO#09-10-20	598.95
05/13/2011	0067099	Cardno ENTRIX	SCCURRP-Permit support-Apr	950.18
06/30/2011	0068729	Cardno ENTRIX	Permit support/SCC MURRP	1,100.81
				<u>\$87,649.94</u>
08/03/2011	37149769	AECOM Technical Services, Inc.	TO#37 Prelim design/bid phase	48,739.90
12/19/2011		AECOM Technical Services, Inc.	Task Order No.37-FINAL SETTLEMENT	65,000.00
02/02/2012	S1574426.001	All Around Landscape Supply	Drainage fabric 20feet	38.04
03/31/2012	2353-01	Applied EarthWorks, Inc.	Paleontological requirements-MURRP PO#9091	1,770.00
02/25/2012	Acct#1528	Aqua-Flo Supply	Cement/primer/pvc/septic tank/couplings/pipes	4,007.07
06/20/2012	335076	Aqua-Flo Supply	Dual-wall soiltight HDPE pipe	1,521.73
12/31/2011	Pay Reques #1	Blois Construction, Inc.	Pay Req.#1-Construction portion-MURRP	552,862.12
12/31/2011	Ret-Pay Req #1	Blois Construction, Inc.	Retention	61,429.13
01/31/2012	Pay Request #2	Blois Construction, Inc.	Pay Req.#2-Construction portion-MURRP	262,485.00
01/31/2012	Ret-Pay Req.#2	Blois Construction, Inc.	Retention	29,165.00
02/29/2012	Pay Request #3	Blois Construction, Inc.	Pay Req.#3-Construction portion-MURRP	192,910.77
02/29/2012	Ret-Pay Req.#3	Blois Construction, Inc.	Retention	21,434.53
03/31/2012	Pay Request #4	Blois Construction, Inc.	Pay Req.#4-Construction portion-MURRP	810,396.36
03/31/2012	Ret-Pay Req#4	Blois Construction, Inc.	Retention	90,044.04
05/01/2012	Pay Request #5	Blois Construction, Inc.	Pay Request #5-Construction portion-MURRP	310,211.55
05/01/2012	Ret-Pay Req#5	Blois Construction, Inc.	Retention	34,467.95
06/30/2012	Ret-Pay Req#6	Blois Construction, Inc.	Pay Request #6-Construction portion-MURRP	773,078.94
06/30/2012	Ret-Pay Req#6	Blois Construction, Inc.	Retention	85,897.66
07/31/2012	Ret-Pay Req#7	Blois Construction, Inc.	Pay Request #7-Construction portion-MURRP	253,092.82
07/31/2012	Ret-Pay Req#7	Blois Construction, Inc.	Retention	28,121.43
08/31/2012	Ret-Pay Req#8	Blois Construction, Inc.	Pay Request #8-Construction portion-MURRP	112,897.44
08/31/2012	Ret-Pay Req#8	Blois Construction, Inc.	Retention	12,544.16
09/30/2012	Ret-Pay Req#9	Blois Construction, Inc.	Pay Request #9-Construction portion-MURRP	64,958.35
09/30/2012	Ret-Pay Req#9	Blois Construction, Inc.	Retention	7,217.60
10/07/2011		Bruce Mowry	Oct reimb-GM Hotel-mtg/meal	99.08
08/23/2011	0070156	Cardno ENTRIX	Permit support/SCC MURRP-Jul	1,245.01
09/30/2011	0071332	Cardno ENTRIX	Permit support-SCC MURRP-Aug	1,197.38
12/27/2011	0073974	Cardno ENTRIX	Permit support-MURRP Nov	366.94
12/31/2011	0074516	Cardno ENTRIX	Permit support-MURRP Dec	47.64
04/17/2012	0077080	Cardno ENTRIX	Permit support-MURRP PO#11-12-07	602.55
06/30/2012	0079839	Cardno ENTRIX	Permit support-MURRP Jan-Jun	50.21
09/18/2012	0082213	Cardno ENTRIX	Permit support-MURRP Jul - Sept	54.08
03/28/2012		COMB-Petty Cash	S&S Seeds	32.14
06/11/2012	142439	Famcon Pipe & Supply	Couplers/water-tite tee	963.11
03/01/2012	03.2012.43	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP	2,626.00
04/01/2012	4.2012.04	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-Mar	638.00
05/01/2012	05.2012.04	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-Apr	638.00
06/01/2012	06.2012.04	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-May	638.00
06/30/2012	7.2012.04	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-Jun	638.00

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COMB
MURRP Expenditures
May 2011 through Sept 2012

Date	Num	Name	Memo	Amount
08/01/2012	8.01.2012.3R	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-Jul	637.00
09/01/2012	9.01.2012.3R	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-Aug	637.00
10/01/2012	10.01.2012.3R	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-Sept	637.00
10/01/2011	Payment#12 Oct	Growing Solutions	Plant care-MURRP site PO#8987-Final	100.00
04/02/2012	446	LaChaine and Associates, Inc.	Survey coordination-MURRP PO#11-12-19	4,588.75
10/17/2011	13487.001	Musick, Peeler & Garrett LLP	General Counsel-MURRP-Sep	161.00
11/14/2011	229965	Musick, Peeler & Garrett LLP	General Counsel-MURRP-Oct	9,752.00
12/09/2011	13487.001	Musick, Peeler & Garrett LLP	General Counsel-MURRP-Nov	667.00
01/13/2012	13487-001	Musick, Peeler & Garrett LLP	General Counsel-MURRP-Dec	575.00
02/13/2012	233390	Musick, Peeler & Garrett LLP	General Counsel-MURRP-Jan	368.00
03/12/2012	234673	Musick, Peeler & Garrett LLP	General Counsel-MURRP-Feb	46.00
05/10/2012	237019	Musick, Peeler & Garrett LLP	General Counsel-MURRP-Apr	23.00
03/02/2012	103801	Pacific Materials Laboratory	Geotechnical site visits/prepare report	753.00
03/15/2012	103842	Pacific Materials Laboratory	Samples testing	226.00
03/27/2012	103927	Pacific Materials Laboratory	Compaction testing	2,585.00
04/23/2012	104127	Pacific Materials Laboratory	Compaction testing	875.00
05/24/2012	104421	Pacific Materials Laboratory	Steel placement inspection	380.00
06/07/2012	104530	Pacific Materials Laboratory	Concrete cylinder test	191.00
06/12/2012	104567	Pacific Materials Laboratory	Concrete cylinder test	172.00
06/27/2012	104696	Pacific Materials Laboratory	Concrete cylinder test	215.00
06/29/2012	104740	Pacific Materials Laboratory	Sand equivalent test	105.00
07/12/2012	104833	Pacific Materials Laboratory	Geotechnical site visits/prepare report	172.00
12/13/2011	108983	Penfield & Smith	Geotechnical site visits/prepare report	172.00
11/20/2011	Ret#1 Inv#2658	Peter Lapidus Construction, Inc.	MURRP-supplemental surveys-GATO PO#11-12-08	3,994.11
11/20/2011	2658	Peter Lapidus Construction, Inc.	Ret#1 Glen Anne pad prep-MURRP PO#11-12-10	1,940.00
12/08/2011	2665	Peter Lapidus Construction, Inc.	Glen Anne pad prep-MURRP PO#11-12-10	17,460.00
02/02/2012	2689	Peter Lapidus Construction, Inc.	Excavate add'l area Glen Anne pad PO#11-12-10 (addendum)	5,600.00
10/19/2011	19674	RKA Consulting Group	Subgrade-widen culvert-excavation PO#11-12-13	14,600.00
11/14/2011	19674REV	RKA Consulting Group	Engineering services-MURRP PO#11-12-05	0.00
11/16/2011	19769	RKA Consulting Group	Engineering services-MURRP PO#11-12-05 Sep	8,462.50
12/07/2011	19823	RKA Consulting Group	Engineering services-MURRP PO#11-12-05 Oct	31,380.00
02/02/2012	158570	Santa Barbara Sand & Top Soil Corp.	Engineering services-MURRP PO#11-12-05 Nov	1,945.00
06/22/2012	304702	Specialty Tool, LTD	Gravel-MURRP	576.58
03/26/2012	PO#9092	Sitrata Science	Misc supplies	42.88
02/27/2012	App ID#424360	SWRCB	Cultural Resources Pre-Construction mtg	850.00
04/19/2012		Verizon	Permit registration-discharge storm water	621.00
			Advance pyrmt-relocate polyptic cable & remove pole	1,000.00
				<u>\$3,944,465.55</u>

Total 6103 - SCCMURRP

Total 6000 - SPECIAL PROJECTS

TOTAL	\$4,012,115.49
Projected outstanding expenditures	\$387,884.51
Projected Total Cost	\$4,400,000.00



CACHUMA OPERATION AND MAINTENANCE BOARD (COMB)

October 22, 2012 BOARD REPORT

Report By: David Baum and Timothy Robinson

PROJECT: Quiota Creek Crossing 7

PROJECT DESCRIPTION: Remove a low flow road concrete crossing on Refugio Road at the seventh crossing of the road over Quota Creek and replace it with a 60-foot bottomless arched culvert. In addition, install two rock weirs for grade control and pool habitat creation and rock slope protection for bank stabilization. Quiota Creek is a tributary to the Santa Ynez River and Refugio Road is a County Road open to the public.

PROJECT LOCATION: Nearest town is Santa Ynez - Quiota Creek is located off of Highway 246 via Refugio Road to the South (headed towards the Pacific Ocean). Drive south of Hwy 246 on Refugio Road approximately 4 miles to reach Crossing 7. The specific location for Crossing 7 is Lat N34.55923, Long W120.08454.

PURPOSE: The project will open up unimpeded juvenile and adult fish passage for the endangered southern steelhead to designated critical habitat by the National Marine Fisheries Service for spawning and rearing. Secondly, the project will improve road safety and accessibility for the public along Refugio Road.

CONTRACTOR: Peter Lapidus Construction, Inc.

DESIGN ENGINEER: Michael Garelo, HDR Fisheries Design Center

PROJECT STATUS and TIME:

Status	Time
Notice to Proceed	8/27/2012
Construction start	9/4/2012
Contract Time (complete all work)	2.5 months
Completion Date (expected)	11/14/2012
Number of construction Days (expected)	52
Elapsed Time (working days, WD*)	35
Remaining Time (WDs to complete all work)	17
Time Elapsed to Date	67%

*Working days as of the COMB Board meeting.

FINANCIAL REPORT:

	Amount
Revenues:	
CDFG grant	\$442,736
WCB grant	\$397,683
COMB construction match	\$50,000
	Total: \$890,419
Estimated Costs:	
COMB operating expenses	\$52,000
Construction COMB	\$50,000
Construction PLC	\$526,974
Contech prefabricated arch plus	\$161,805
SB County Encroachment Permit fee	\$20,745
	Total: \$811,524
Construction:	
Construction Contract (PLC) + Match (COMB)	\$576,974
ConTech Contract Amount:	\$161,805
Approved Change Orders #1 (Block wall):	\$12,896
Adjusted Construction Contracted Amount:	\$751,675
Total Paid to Date*:	
Deposit for bridge (1/3 of total):	\$53,396
PLC Invoice #1	\$238,788
	Total Paid: \$292,184
Balance to Finish, Plus Retention:	\$519,340
% Spent of Estimated Costs:	38.6%
*As on COMB Board meeting.	

SUMMARY OF WORK PERFORMED:

The project began on 9/4/12 after securing all permits and awarding contracts to Peter Lapidus Construction Inc. (contractor) and ConTech Engineered Solutions (bridge). The contractor continues to make good progress and they are about a week ahead of the construction schedule (Figures 1-12). The two rock weirs and pools plus the majority of the rock slope protection were installed in September. The bridge foundations were completed during the third week of September and the ConTech Bridge (arch-system) was successfully installed on 10/4/12. Since then, the contractor has been backfilling the arch and building up the road base and embankments. To save 4 mature trees (1 sycamore, 2 maples and 1 live oak), one wing wall was shifted by 15% which generated a change order to increase the size of the required block retaining wall that was approved by the COMB general manager for \$12,896.30. The wall will be fully installed by the COMB Board meeting. The initial coats for the bridge anti-graffiti proof paint have been completed.

WORK PROJECTED FOR NEXT MONTH

The contractor will install the bridge and road guard rails, finish the road work, pave and stripe the road, finalize the stream grading, install tree wells around one sycamore tree and one oak tree, re-vegetate the site with hydro-mulch-seed and mitigation trees and install all fencing elements.

PHOTOGRAPHS



Figure 1: Quiota Creek Crossing 7, pre-project condition.

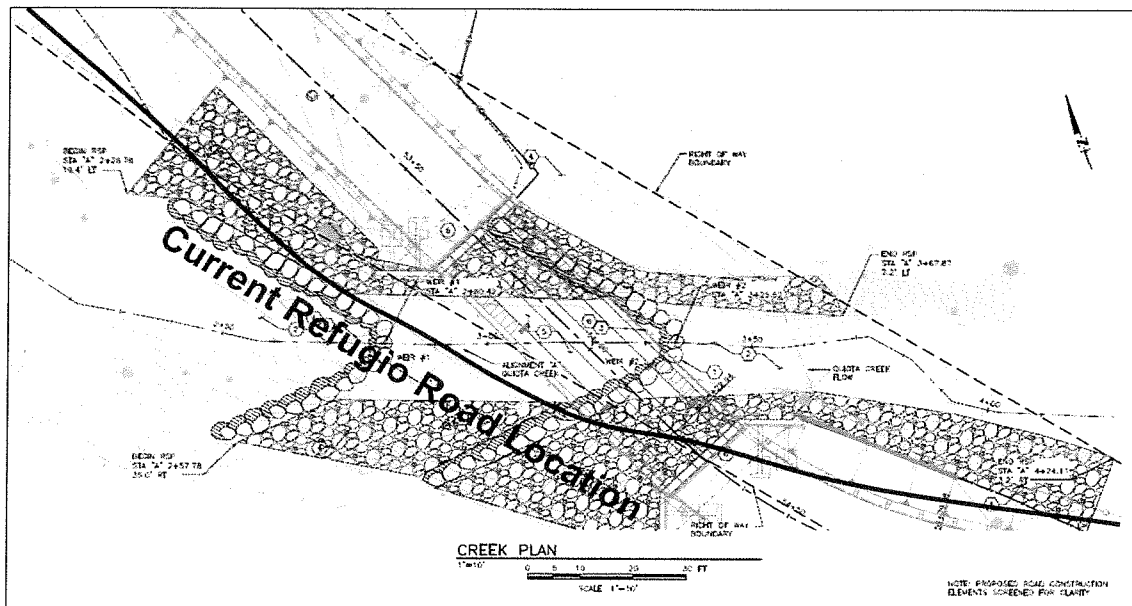


Figure 2: Quiota Creek Crossing 7, design.



Figure 3: Completed bridge foundation (9/25/12).

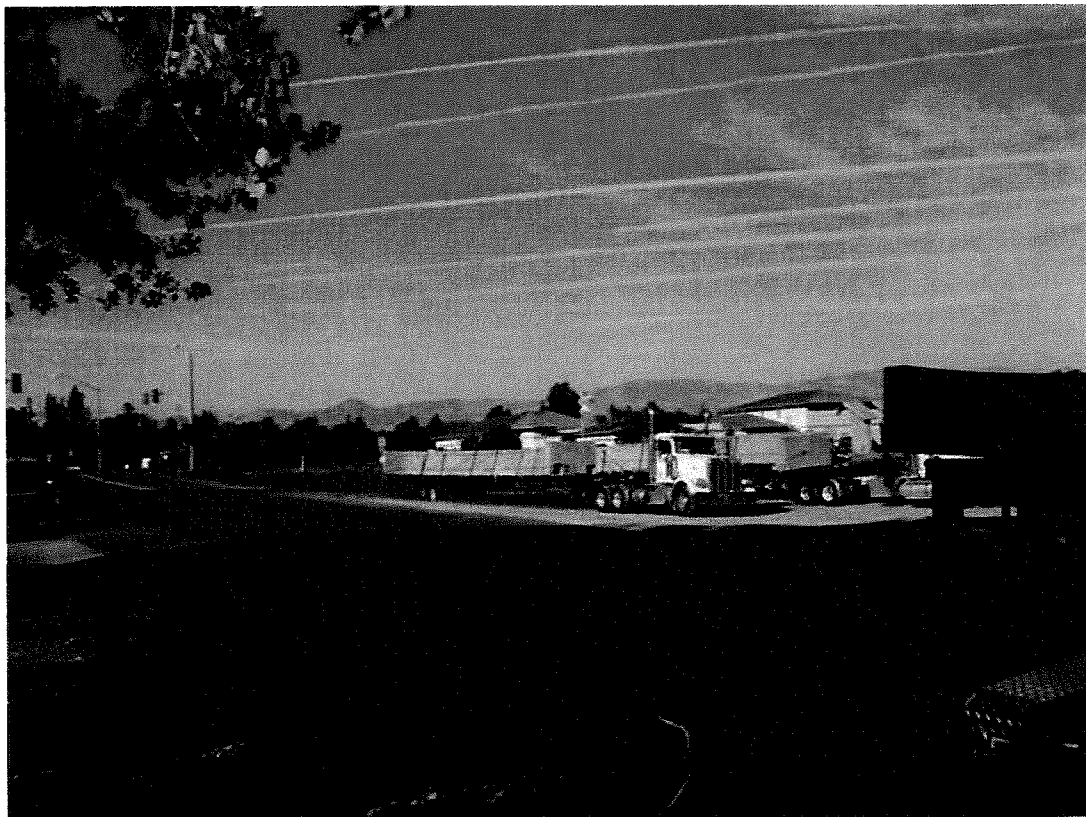


Figure 4: Arriving ConTech bridge at Hwy 246 and Refugio Road (10/3/12).



Figure 5: Transporting the bridge up Refugio Road (10/3/12).



Figure 6: Bridge installation (10/4/12).



Figure 7: Bridge installation (10/4/12).



Figure 8: Bridge installation (10/4/12).



Figure 9: Bridge installation (10/4/12).



Figure 10: Block wall installation (10/15/12).



Figure 11: Painted (anti-graffiti proofing) bridge with rock weirs beneath (10/15/12).



Figure 12: Backfilling the arch with 4 feet to go (10/15/12).

CACHUMA OPERATION & MAINTENANCE BOARD
BOARD MEMORANDUM

Date:	October 22, 2012
Submitted by:	Shane King
Approved by:	Bruce Mowry

SUBJECT: October: Conveyance System Operations Program

Summary:

To ensure reliability, the Operations staff performs routine maintenance on COMB's Distribution System. The Operations staff also continually works to improve the system as well as making sure any deficiencies are addressed.

Lake Cachuma Operations:

The average flow from Lake Cachuma into the Tecolote Tunnel for September was 111.4 acre-feet per day. The lake elevation was 735.86 at the beginning of the month and 733.92 at the end. The storage change was -5,022 acre-feet. During the month, 100 acre-feet of State Water Project water was delivered to the South Coast Member Units.

Activities conducted this period include:

- The Bureau of Reclamation conducted an on-site dam tender training session at COMB headquarters. The class was a one day course explaining the abilities and expectations of a professional dam and reservoir operator.
- The operations staff installed a handrail and ladder on one of the structures located in the COMB yard. This was recommended by JPIA to be compliant with California safety standards.
- COMB operations staff replaced a billing meter in Toro Canyon. The original meter was an 8" compound meter that was estimated to have been installed over 50 years ago. The new meter is an 8" Flow meter that is significantly smaller and will gather more accurate reads. COMB also installed a new 8" gate valve to isolate this meter in case of any emergency. The operations staff spent roughly two weeks on this project and

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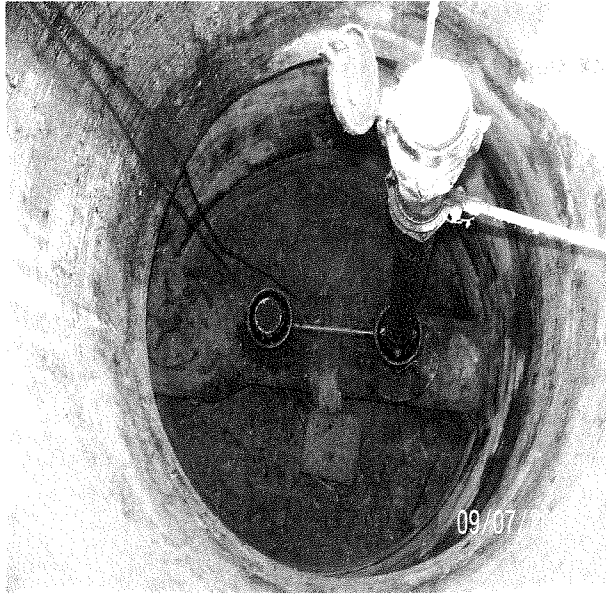
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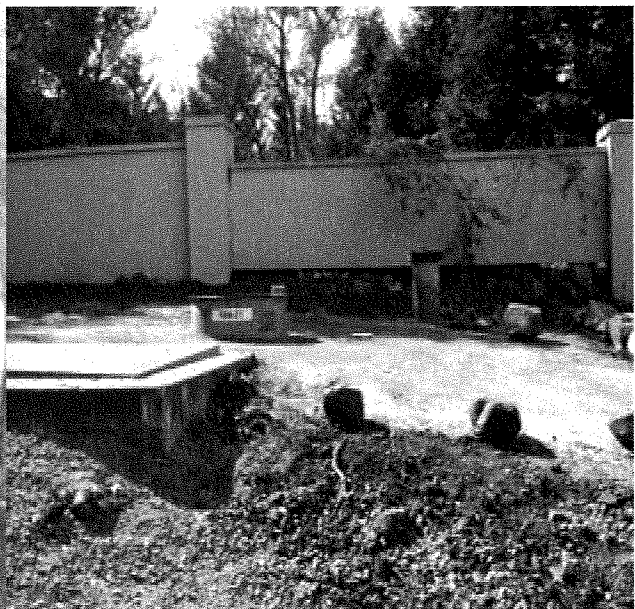
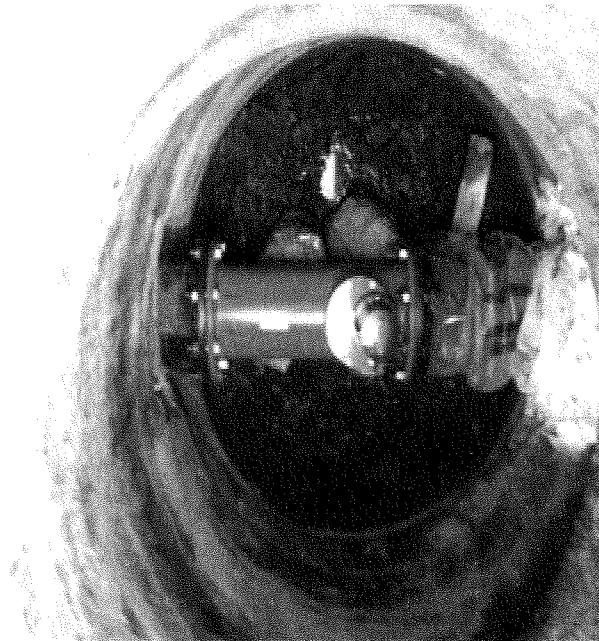
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strongly believes it has greatly improved this section of the pipeline. (See pictures below)

(Below- old compound meter/Toro Canyon) (Below- Meter vault before project/Toro Canyon)



(Below- new flow meter/Toro Canyon) (Below- Meter vault after project/ Toro canyon)



-Operations staff installed a new "Insertion Meter" at the Boundary Meter site, which is the meter that separates water usage from Carpinteria Valley Water District and Montecito Water District. The meter was installed to upgrade the system to gather more accurate reads of water flow. Along with replacing the meter they ran new electrical wiring to the PLC unit, which is also on site. With the help of the contractor, Jay Kirsch, the meter was connected to COMB's SCADA system to gather and store information.

-Operations staff is working on installing a UPS battery backup system on the new Mag Meter that was installed on the Goleta West line. It is important to have a reliable source of power to the meter in case of a power outage because Goleta Water District's chlorination injection line is based off of the amount of water going through the meter.

-Operations staff is currently connecting the 48" Mag meter on the south coast conduit to COMB's SCADA system. This meter is located outside of the Glen Anne turnout. Once the meter is connected to the SCADA system, operations staff will create a new tag on the system to gather and store important information.

-Operations staff is researching information on a new blower fan for the Tecelote Tunnel. Once the new fan is installed we will have a total of two fans to supply fresh air into the tunnel. One fan will be the primary fan and the other will be a backup fan in case the primary one becomes non operable. The reason for having a backup fan is for the safety of COMB employees and all other personnel who enter the tunnel for routine inspections.

- Far west corrosion installed a new Cathodic Protection Rectifier which is located in COMB's upper yard. This rectifier supplies power to an anode ground bed and provides cathodic protection to the south coast conduit that travels through COMB yard. This cathodic protection is in place to ensure that no erosion occurs on the pipeline itself, but instead on the sacrificial anodes that are buried near the pipeline.

Routine Monthly Operation and Maintenance activities conducted during this period included:

Water samples taken at the North Portal Intake Tower

Fish screens pulled and cleaned, Quagga mussel inspection

Read Anodes and recorded data

Monitored conduit right-of-way and responded to dig Alert Reports

Monthly dam inspections, and send reports to USBR

Read Piezometer and underdrains at Glen Anne, Lauro, Ortega, and Carpinteria Dams

Place rodent bait in all traps at all facilities

Meter reads

Water mitigation oak trees at both Cachuma Lake and Lauro Reservoir sites

Carpinteria/Ortega/Lauro weed abatement/spraying

Weekly safety meetings

The purpose of the weekly safety meetings is to continue education of the crew on safe practices at COMB, while in the field, as well as safety using specific machinery on site and in our distribution system. In these safety meetings we urge the operations staff to ask any questions about the topics as well as share some incidences related to the topic and how the incident possibly could have been prevented. It is important to train the crew on different items as well as refresh their training. These safety meetings ensure the operations staff constantly has safety on their mind.

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: October 22, 2012
TO: Board of Directors
FROM: Tim Robinson, Sr. Resource Scientist
Bruce Mowry, General Manager
RE: **September 2012 FISHERIES PROGRAM REPORT**

In compliance with the 2000 Cachuma Project Biological Opinion (BO) and as described in the 2004 Lower Santa Ynez River Fish Management Plan (FMP) and the Monitoring Program in the 2000 Revised Biological Assessment (BA), the Cachuma Project Biology Staff (CPBS) conducts routine monitoring of steelhead/rainbow trout and their habitat on the Lower Santa Ynez River (LSYR) below Bradbury Dam. The following is a list of activities carried out by CPBS during the month of September 2012 that has been broken out by categories.

Snorkel Surveys:

Snorkel surveys are conducted at the end of the spring, summer and fall each year. The spring survey was completed in June 2012 and the summer survey was completed in September 2012. The fall survey will be conducted in October and November of this year. The full results will be presented in the Annual Monitoring Report.

Thermograph Network:

All thermographs were deployed at the beginning of May to record water temperatures at all designated locations within the LSYR mainstem and several tributaries. The units are downloaded monthly and the results are summarized in the Annual Monitoring Report.

Lake Profiles:

Lake Cachuma water quality measurements (temperature, dissolved oxygen concentration and total dissolved solids) at one meter intervals from the surface to the bottom of the lake (Lake Profile) are taken once a month from April through December at the Hilton Creek Watering System (HCWS) intake barge. This is considered to be at or near the deepest point in the lake and allows for monitoring of lake stratification, water quality conditions at the intake level for the HCWS and lake-turnoff.

Cachuma Lake Oak Tree Restoration Program:

COMB staff, with guidance from the hired professional arborist, continues to implement the Program and have 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 7: A status report of the project construction is provided in a separate Board memo.

Quiota Creek Crossing 1: No further progress has been made on this project.

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

Highway 192 and Mission Creek: No further progress has been made on this project.

Surcharge Water Accounting:

The following table summarizes the amount of Surcharge water used to date from each of the three accounts (Table 1). All numbers come from Reclamation’s Daily Operations Report. The start time for the use of the Surcharge Water Accounts was 5/27/11, or the last day of full surcharge. As of May of this year, all of the Fish Rearing account waters have been used and we are now using Project Yield to meet target flows. The amount of water used during September was 832.0 acre-feet.

Table 1: Summary of the surcharge water accounting and use of Project Yield.

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage	3,200	0	3,200
Adaptive Management	500	0	500
Fish Rearing***	5,242	5,242	0
Project Yield		4,916	
Total:	8,942	10,158	3,700

* Originally was 9,200 and as of 2008 it is 8,942.

** Values as of 9/30/12.

*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.

BO required target flows to Alisal Bridge ended on 10/1/12. The Adaptive Management Committee (AMC) met on 9/27/12 to discuss and approve a release of Adaptive Management Account (AMA) waters to maintain residual pool depth within the Refugio and Alisal reaches of the Lower Santa Ynez River mainstem where steelhead/rainbow trout (*O. mykiss*) were present. The CPBS monitored the lower most pool habitat holding *O. mykiss* for presence of fish and water quality. Fish and water quality remained in good condition. A follow up AMC meeting was held on 10/11/12 to discuss the results of the monitoring and after reviewing the data summary, the AMC decided to end the AMA release since flows in the LSYR mainstem were remaining well above target flows to Alisal Bridge. A total of 35 acre-feet of AMA water was used for the release. Minutes and the data summaries from the two AMC meetings were distributed to the COMB Board members and the Member Unit Managers. The CPBS will continue to monitor one pool habitat in both the Alisal and Refugio reaches that are holding *O. mykiss* to assure flow and water quality sustainability. Bradbury Dam releases are now just to meet BO required target flows to Hwy 154 (6.7 cfs) and within Hilton Creek (a minimum of 2 cfs).

Reporting:

Staff has received comments from the managers and legal counsel on the draft WY2010 Annual Monitoring Report (AMR) and hopes to have the next draft to the COMB Fisheries Committee and Reclamation by the next COMB Board meeting. Once their comments have been received and incorporated, Reclamation will submit the report to NMFS. Staff continues drafting the WY2011 AMR.

The aerial imagery project for the South Coast at 6-inch resolution got underway this month. Over flights were successfully conducted by Cooper Aerial on 9/24/12. Delivery of the imagery is expended by the end of the year.

Outreach and Training:

Staff has been working with landowners in the Quiota and Salsipuedes Creek watersheds regarding pending and future fish passage projects. The Senior Resources Scientist gave a guest lecture at California State Channel Islands University on Land Use Planning and Natural Resource Management on 9/13/12.

Consultant Activity Summary (September):

Kenneth A. Knight Consulting (Ken Knight) – Cachuma Lake Oak Tree Restoration Program: monthly field maintenance, monitoring and Plan development.

HDR Fisheries Design Center (Mike Garello) – Design work for Quiota Creek Crossing 7 project.

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

11-12 ENTITLEMENT

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF SEPTEMBER 2012 AND THE WATER YEAR TO DATE**

(All in rounded Acre Feet)

							MONTH TOTAL	YTD TOTAL
WATER PRODUCTION:								
Cachuma Lake (Tec. Diversion)							3,341	28,682
Tecolote Tunnel Infiltration							129	2,091
Glen Anne Reservoir							0	0
Cachuma Lake (County Park)							13	79
State Water Diversion Credit							45	350
Gibraltar Diversion Credit							0	0
Bishop Ranch Diversion							0	100
Meter Reads							3,355	28,854
So. Coast Storage gain/(loss)							(37)	(24)
Total Production							3,483	30,853
Total Deliveries							3,363	29,280
Unaccounted-for							120	1,573
% Unaccounted-for							3.44%	5.10%
	GWD	SB CITY	MWD	CVWD	SYRWCD	ID. #1		TOTAL
WATER USE:								
M&I	867	1,333	390	166	13			2,769
Agricultural	327		71	189				586
TOTAL FOR MONTH	1,193	1,333	461	355	13			3,355
Same Mo/prev. yr	1,169	618	373	270	9			2,439
M&I Yr to date	9,361	9,613	3,142	1,750	80			23,946
Ag. Yr to date	2,631	0	468	1,697	0			4,795
TOTAL YTD	11,991	9,613	3,610	3,447	80			28,741
USAGE % YTD	91.5%	64.9%	74.2%	79.0%	96.1%			77.2%
Previous Year/YTD	11,351	9,422	2,752	2,655	80			26,260
Evaporation	0	0	0	0	0			0
Evaporation, YTD	20	97	20	43	0			180
Entitlement	9,322	8,277	2,651	2,813	2,651			25,714
Carryover	2,530	5,788	1,419	1,988	38			11,763
Carryover Balances Spilled YTD	0	0	0	0	0			0
Surplus^^	0	0	0	0	0			0
State Water Exchange^	937	625	625	419	(2,606)			0
Transfers*/Adjustment***	333	267	200	(800)	0			0
Passthrough H2O**	0	0	0	0	0			0
TOTAL AVAILABLE	13,122	14,957	4,895	4,420	83			37,477
REMAINING BALANCE	1,110	5,247	1,265	930	3			8,556

** 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 0 AF); City of S.B. 0 AF; and LaCumbre 45 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 193 AF; MWD received 128;
City of SB received 128 AF; and CVWD received 86 AF from ID#1 in September 2012.

*** CVWD sold 800 af of entitlement water to GWD (333); SBCity (267); MWD (200) May 2012

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CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **September 2012**

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	346.50 Feet
Water in Storage	84.40 Acre Feet

LAURO RESERVOIR

Capacity at 549' elevation:	600 Acre Feet
Capacity at sill of intake at 512' elevation:	84.39 Acre Feet
Stage of Reservoir Elevation	545.60 Feet
Water in Storage	502.08 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	453.50 Feet
Water in Storage	41.50 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	379.30 Feet
Water in Storage	33.36 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	576.93 Acre Feet
	-37.27 Acre Feet

CACHUMA RESERVOIR*

Capacity at 750' elevation:	186,636 Acre Feet
Capacity at sill of tunnel 660' elevation:	25,668 Acre Feet

Stage of Reservoir Elevation	733.92 Feet
Water in Storage	142,970 AF
Area	2,469
Evaporation	1,046.5 AF
Inflow	59 AF
Downstream Release WR8918	0 AF
Fish Release	443.0 AF
Outlet	389.0 AF
Spill/Seismic Release	0 AF
State Project Water	0 AF
Change in Storage	-5,022 AF
Tecolote Diversion	3,340.6 AF

Rainfall: Month: 0.18 Season: 0.18 Percent of Normal: 78%

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

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: **Carpinteria Valley Water District**
 Last updated by C.O.M.B. 9/30/12

Month	Approved Schedule Current Year		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT		
	2813	1988		M & I	Agri	Total	Evap	Div	Total	M & I	Agri	Total
Oct	105	230	125	105	230	11	230	241	131	110	0	0
Nov	87	202	115	87	202	5	202	207	118	89	0	0
Dec	140	248	140	108	248	3	248	251	142	109	0	0
Jan	146	291	146	145	291	3	291	294	148	147	0	0
Feb	93	185	93	92	185	4	185	189	95	94	0	0
Mar	120	230	120	110	230	4	230	234	122	112	0	0
Apr	92	152	92	60	152	4	152	156	94	62	0	0
May	140	275	140	135	275	5	275	280	142	137	0	0
Jun	202	421	202	219	421	2	421	425	65	70	138	288
Jul	232	487	232	255	487	0	0	0	0	0	232	487
Aug	179	371	179	192	371	0	0	0	0	0	179	371
Sep	166	355	166	189	355	0	0	0	0	0	166	355
Total	1,750	3,447	1,750	1,697	3,447	41	1,947	1,988	1,057	930	715	1,501

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
	M & I	Agri	M & I	Agri	M & I	Agri	M & I	Agri	M & I	Agri
Oct	0	0	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0
Jun	-2	2	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0	0	0
Aug	0	0	3	0	0	0	0	0	0	0
Sep	0	0	80	0	0	0	0	0	0	0
Total	0	0	80	0	1,988	1,061	928	1,013	1,800	2,813

Month	REMAINING BALANCES		SCHEDULE AND REVISIONS	
	M & I	AG	M & I	AG
Oct	1747	930	1018	1800
Nov	1540	812	1026	1800
Dec	1288	670	1026	1800
Jan	994	522	1026	1800
Feb	805	427	1026	1800
Mar	571	305	1033	1800
Apr	415	211	1052	1800
May	135	69	331	1800
Jun	0	2	255	1651
Jul	0	0	92	1396
Aug	0	0	0	1201
Sep	0	0	0	932
Total	1747	930	1018	1800

TOTAL 931

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

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: **Goleta Water District**
 Last updated by C.O.M.B. 9/30/12

Month	Approved Schedule		Carryover Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT			
	Current Year	9322		2530	M&I	Agr	Total	Evap	Div	Total	M & I	AGR	Total
Oct				813	198	1,011	14	1,011	1,025	825	201	0	0
Nov				622	136	758	4	758	762	626	137	0	0
Dec				631	82	712	2	712	714	632	82	0	0
Jan				703	186	889	0	28	28	22	6	681	180
Feb				612	124	736	0	0	0	0	0	612	124
Mar				741	173	914	0	0	0	0	0	741	173
Apr				689	105	794	0	0	0	0	0	689	105
May				857	245	1,102	0	0	0	0	0	857	245
Jun				897	297	1,194	0	0	0	0	0	897	297
Jul				985	380	1,365	0	0	0	0	0	985	380
Aug				904	378	1,282	0	0	0	0	0	904	378
Sep				867	327	1,194	0	0	0	0	0	867	327
Total				9,361	2,631	11,991	20	2,510	2,530	2,105	426	7,273	2,209

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE			SCHEDULES AND REVISIONS		
	M & I	AGR	M & I	AGR	M & I	AGR	Total	M & I	AGR	Total
Oct	0	0	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0	0	0
Dec	279	-279	0	0	0	0	0	0	0	0
Jan	22	-22	0	0	0	0	0	0	0	0
Feb	-1	1	0	0	0	0	0	0	0	0
Mar	1	-1	0	0	0	0	0	0	0	0
Apr	1	-1	0	0	0	0	0	0	0	0
May	1	-1	0	0	0	0	0	0	0	0
Jun	1	-1	0	0	0	0	0	0	0	0
Jul	1	-1	0	0	0	0	0	0	0	0
Aug	1	-1	0	0	0	0	0	0	0	0
Sep	1	-1	0	0	0	0	0	0	0	0
Total										

Month	REMAINING BALANCES		SCHEDULES AND REVISIONS	
	M & I	AGR	M & I	AGR
Oct	1505	979	525	6872
Nov	742	353	388	6889
Dec	28	0	27	6889
Jan	0	0	-1	6208
Feb	0	0	0	5596
Mar	0	0	-1	4870
Apr	0	0	-1	4223
May	0	0	0	3835
Jun	0	0	-1	3078
Jul	0	0	0	2248
Aug	0	0	-1	1533
Sep	0	0	-1	859
Total	1505	979	525	6872

TOTAL 1,110

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: Montecito Water District
Last updated by C.O.M.B. 9/30/12

Month	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES					WATER USED CHARGED TO CURRENT ENTITLEMENT		
	M & I	Agr	Total	Evap	Allocation		Div	Agr	M & I	Agr	Total
					M & I	Agr					
			total								
Oct	251	11	262	8	262	270	259	11	0	0	0
Nov	113	11	124	3	124	127	116	11	0	0	0
Dec	149	31	180	2	180	182	151	31	0	0	0
Jan	188	36	222	2	222	224	188	36	0	0	0
Feb	218	38	256	2	256	258	220	38	0	0	0
Mar	205	31	236	2	236	238	207	31	0	0	0
Apr	107	11	118	1	118	119	108	11	0	0	0
May	297	39	336	0	0	0	0	0	297	39	336
Jun	352	57	409	0	0	0	0	0	352	57	409
Jul	452	60	512	0	0	0	0	0	452	60	512
Aug	422	72	494	0	0	0	0	0	422	72	494
Sep	390	71	461	0	0	0	0	0	390	71	461
Total	3,142	468	3,610	21	1,398	1,419	1,249	169	1,913	299	2,212

Month	STORAGE WATER		CONVERSIONS			CURRENT SCHEDULE		
	M & I	Agr	M & I	CURRENT SCHEDULE		Agr	M & I	Total
				M & I	Agr			
Oct	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0
Dec	-21	21	0	0	0	0	0	0
Jan	-36	36	0	0	0	0	0	0
Feb	-38	38	0	0	0	0	0	0
Mar	-31	31	0	0	0	0	0	0
Apr	-11	11	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	-34	34	0	0	0	0

Month	SCHEDULE AND REVISIONS		
	Total	Allocation	
		M & I	Agr
Begin Bal	1,419	1,387	32
ID#1 Ex+7	0	0	7
ID#1 Ex+12	0	0	12
ID#1 Ex+10	0	0	10
ID#1 Ex+28	0	0	28
ID#1 Ex+117 / Purchase +200	0	0	317
ID#1 Ex+93	0	93	93
ID#1 Ex+104	0	104	104
ID#1 Ex+126	0	126	126
ID#1 Ex+128	0	128	128
Total	1,419	2,386	2,651

Month	REMAINING BALANCES		
	Total	Allocation	
		M & I	Agr
Oct	1149	1128	21
Nov	1022	1012	10
Dec	840	840	0
Jan	616	616	0
Feb	357	358	0
Mar	119	120	0
Apr	0	1	0
May	0	1	0
Jun	0	1	0
Jul	0	1	0
Aug	0	1	0
Sep	0	1	0
Total	1149	2393	2658

TOTAL 1,264

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

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: **City of Santa Barbara**
 Last updated by C.O.M.B. 9/30/12

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				WATER USE CHARGED TO CURRENT ENTITLEMENT		
	M & I	Agr	Evap	Div	Total	M & I	Agr	M & I	Agr
Oct	853	0	33	853	886	886	0	0	0
Nov	786	0	14	786	800	800	0	0	0
Dec	576	0	9	576	585	585	0	0	0
Jan	909	0	9	909	918	918	0	0	0
Feb	845	0	10	845	855	855	0	0	0
Mar	819	0	10	819	829	829	0	0	0
Apr	348	0	6	348	354	354	0	0	0
May	566	0	6	566	561	561	0	0	0
Jun	637	0	0	637	0	0	11	637	0
Jul	876	0	0	876	0	0	876	876	0
Aug	1,065	0	0	1,065	0	0	1,065	1,065	0
Sep	1,333	0	0	1,333	0	0	1,333	1,333	0
Total	9,614	0	97	5,691	5,788	5,788	3,922	3,922	0

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	Agr	M & I	Agr
Oct	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Total	0	0	0	0	5,788	5,788	8,277	8,277

Month	REMAINING BALANCES	
	Total	M&I
Oct	4902	4902
Nov	4101	4102
Dec	3517	3517
Jan	2599	2599
Feb	1743	1744
Mar	915	915
Apr	561	561
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Total	4902	4902

5,247

TOTAL

5,247

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

Contract Year: 10/1/11 to: 9/30/12

Contract Entity: Santa Ynez River Water Conservation District, ID#1
 Last updated by C.O.M.B. 9/30/12

Approved Storage Schedule Credit

Current Year: 2651
 Previous Year: 38

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES			WATER USE CHARGED TO CURRENT ENTITLEMENT		
	M&I	Agr	Evap	Div	Total	M&I	Agr	Total
Oct	7	0	0	7	7	0	0	0
Nov	4	0	0	4	4	0	0	0
Dec	3	0	0	3	3	0	0	0
Jan	4	0	0	4	4	0	0	0
Feb	2	0	0	2	2	0	0	0
Mar	2	0	0	2	2	0	0	0
Apr	2	0	0	2	2	0	0	0
May	7	0	0	7	7	0	0	0
Jun	11	0	0	7	7	0	4	4
Jul	13	0	0	0	0	0	13	13
Aug	12	0	0	0	0	0	12	12
Sep	13	0	0	0	0	0	13	13
Total	79	0	1	37	38	0	42	42

CONVERSIONS

Month	STORAGE WATER		CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M&I	Agr	M&I	Agr	M&I	Agr
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec	0	0	0	0	0	0
Jan	0	0	0	0	0	0
Feb	0	0	0	0	0	0
Mar	0	0	0	0	0	0
Apr	0	0	0	0	0	0
May	3	-3	0	0	0	0
Jun	7	-7	0	0	0	0
Jul	0	0	0	0	0	0
Aug	0	0	0	0	0	0
Sep	0	0	0	0	0	0
Total	0	0	38	28	10	865

Month	COUNTY PARKS		REMAINING BALANCES	
	A.F. Used	Total	M&I	Agr
Oct	7.34	31	21	865
Nov	3.84	27	17	1757
Dec	3.14	23	14	1757
Jan	3.58	20	10	1757
Feb	1.72	18	8	1757
Mar	2.12	16	6	1734
Apr	2.13	14	4	1656
May	6.8	7	0	1656
Jun	10.9	0	0	1366
Jul	12.96	0	0	372
Aug	12.13	0	0	228
Sep	12.77	0	0	39
Total		31	21	1757

*NOTE:

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TOTAL 3

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

Contract Entity: **Santa Barbara Co. Water Agency**
 Last updated by **C.O.M.B. 9/30/12**

Contract Year: 10/1/11 to: 9/30/12

Month	Approved Schedule Current Year	Storage Credit Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT		
			Use %	M & I	Agr	Total	Evap	Div	Allocation	M & I	Agr	Total
	25714	11763										
Oct			6.48%	2,049	314	2,363	67	2,363	2,108	322	0	0
Nov			5.07%	1,840	234	1,874	27	1,874	1,664	237	0	0
Dec			4.63%	1,489	220	1,719	16	1,719	1,513	222	0	0
Jan			6.22%	1,948	367	2,315	15	1,454	1,280	189	681	180
Feb			5.44%	1,770	254	2,024	16	1,288	1,172	132	612	124
Mar			5.92%	1,887	314	2,201	16	1,287	1,160	143	741	173
Apr			3.80%	1,238	176	1,414	11	620	558	73	689	105
May			6.24%	1,907	419	2,326	11	837	710	137	1,205	284
Jun			7.13%	2,099	573	2,672	2	140	72	70	2,028	503
Jul			8.68%	2,558	695	3,253	0	0	0	0	2,558	695
Aug			8.60%	2,582	642	3,224	0	0	0	0	2,582	642
Sep			8.95%	2,769	587	3,356	0	0	0	0	2,769	587
Total	25714	11763	77.17%	23,945	4,795	28,741	181	11,582	10,237	1,525	13,865	3,293

CONVERSIONS

STORAGE WATER		CURRENT SCHEDULE			SCHEDULE AND REVISIONS		
M & I	Agr	M & I	Agr	M & I	Agr	Total	Total
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
258	0	0	0	0	0	0	0
-14	14	0	0	0	0	0	0
-39	39	0	0	0	0	0	0
-30	30	0	0	0	0	0	0
-12	12	0	0	0	0	0	0
4	4	0	0	0	0	0	0
4	4	0	0	0	0	0	0
1	1	0	0	0	0	0	0
-1	1	3	-3	0	0	0	0
1	1	46	-46	0	0	0	0
Begin Bal	11,763	10,068	1,696	19,403	6,311	25,714	25,714

COUNTY PARKS

COUNTY PARKS		REMAINING BALANCES	
A.F. Used	M & I	Agr	Total
7.34	9333	1374	25714
3.84	7432	1137	6282
3.14	5697	657	6282
3.58	4228	482	6102
1.72	2924	389	5978
2.12	1621	276	5782
2.13	990	215	5599
6.81	142	74	5315
10.93	0	2	4522
12.96	0	-1	3507
12.13	0	2	2469
12.77	0	-1	1477

TOTAL 8,555

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

MONTH	DELVRD TO LAKE	CVWD		Transf to MW	MWD		Evap/Spill	S.B.		GWD	LCMWC		RSYS	Delvd to SC		MLC	
		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		
2011																	
Bal. Fwd		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	509	0	0	0	382	277	0	105	0	0	0	0	0	0	0	0	0
February	227	0	0	0	118	5	0	113	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	282	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	30	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	-15	0	0	0	0	0
November	38	0	0	0	0	0	0	0	0	0	0	-2	0	0	0	0	0
December	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1013	0	0	0	500	0	0	218	0	0	0	0	44	0	44	0	0

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

MONTH	DELVRD TO LAKE	CVWD		Transf to MW	MWD		Evap/Spill	S.B.		GWD	LCMWC		RSYS	Delvd to SC		MLC	
		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		Delvd to Lake	Delvd to SC		
2012																	
Bal. Fwd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	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
Total	333	0	0	0	0	0	0	0	0	0	0	55	34	0	34	0	0

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

OCTOBER 2012

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: October 17, 2012

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	CCWA INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.				EVAP AF.	PRECIP INCH	PRECIP INCHES	
		IN LAKE	CHANGE				TUNNEL	HILTON CREEK	OUTLET	SPILLWAY				
	733.92	142,970												
1	733.88	142,872	-98	61.2	0.0	.0	101.6	17.0	.0	.0	40.6	.263	.00	
2	733.81	142,700	-172	19.3	0.0	.0	126.5	16.6	.0	.0	48.2	.313	.00	
3	733.75	142,553	-147	58.0	0.0	.0	136.6	16.5	.0	.0	51.9	.337	.00	
4	733.66	142,332	-221	-36.8	0.0	.0	134.2	16.5	.0	.0	33.5	.218	.00	
5	733.59	142,160	-172	-4.0	0.0	.0	122.2	16.6	.0	.0	29.2	.190	.00	
6	733.51	141,964	-196	-33.9	0.0	.0	111.1	16.5	.0	.0	34.5	.225	.00	
7	733.46	141,841	-123	21.2	0.0	.0	95.8	16.2	.0	.0	32.2	.210	.00	
8	733.41	141,718	-123	-1.3	0.0	.0	82.6	16.1	.0	.0	23.0	.150	.00	
9	733.34	141,546	-172	-23.7	0.0	.0	101.0	16.2	.0	.0	31.1	.203	.00	
10	733.28	141,399	-147	-1.0	0.0	2.0	107.5	16.0	.0	.0	24.5	.160	.01	
11	733.22	141,252	-147	-11.1	0.0	.0	101.6	15.2	.0	.0	19.1	.125	.00	
12	733.17	141,129	-123	-10.2	0.0	2.0	90.0	15.2	.0	.0	9.6	.063	.01	
13	733.12	141,006	-123	-3.9	0.0	.0	86.9	13.8	.0	.0	18.4	.121	.00	
14	733.06	140,859	-147	-23.4	0.0	.0	87.2	13.6	.0	.0	22.8	.150	.00	
15	733.00	140,712	-147	-8.7	0.0	.0	95.8	13.0	.0	.0	29.5	.194	.00	
16	732.95	140,591	-121	38.7	0.0	.0	117.9	12.9	.0	.0	28.9	.190	.00	
17	732.88	140,421	-170	-2.3	0.0	.0	127.4	12.9	.0	.0	27.4	.180	.00	
TOTAL (AF)			-2,549	38.1	0.0	4.0	1,825.9	260.8	.0	.0	504.4	3.292	.02	
(AVG)		141,591												

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION MINUS PRECIP ON THE RESERVOIR SURFACE AND CCWA INFLOW.

DATA BASED ON 24-HOUR PERIOD ENDING 0800.

INDICATED OUTLETS RELEASE INCLUDE ANY LEAKAGE AROUND GATES.

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Below is the September 2012 Cachuma Lake vessel inspection report. No mussels or aquatic nuisance species have been detected on any vessel entering Cachuma Lake as of September 30, 2012.

No early detection marina survey was conducted in September.

Please forward this report to anyone who may be interested.

**Santa Barbara County Community Services Department
Cachuma Lake Recreation Area**

**Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: SEPTEMBER 2012**

CACHUMA LAKE BOAT LAUNCH DATA:

Cachuma Lake Recreation Area Boat Launch Data -- September 2012		
Inspection Data		
Total Vessels entering Park	526	
Total Vessels launched	522	
Total Vessels Quarantined	4	1%
Returning with Boat Launch Tag	314	60%
Arriving new: Inspected, washed	110	21%
Kayak/Canoe: Inspected	98	19%
4-stroke engines	140	27%
2-strokes, w/CARB star ratings	135	26%
2-strokes, NO emissions ratings	149	29%

Quarantine Data		
Total Vessels Quarantined	4	
Quarantined 7 days	0	
Quarantined 14 days	4	

Quarantine Reasons -- May be several for 1 boat		
Water on vessel	0	
Debris on hull	0	
Plug installed	0	
From infected county	0	
Ballast tanks	0	
Boat longer than 24 feet	3	
Out-of-state	1	
Unspecified	0	

Demographic Data		
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Quarantined from infected county	0	
Quarantined from SB County	2	

Boat Launch Tags: Boats with Cachuma Lake Boat Launch Tags attached to boat and trailer. These boats have not been removed from trailer since last visit to lake and are not subject to inspection or decontamination.

CACHUMA LAKE QUAGGA SURVEY:

Summary: No early-detection monitoring survey was conducted in the Cachuma Lake marina in September. The next survey will be conducted on Thursday, October 11, 2012.

Prepared by Liz Gaspar, based on inspections & data collected by Cachuma Lake Staff and Park Hosts

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	October 22, 2012
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

SUBJECT: Prop 84 Update

SUMMARY:

By the deadline of September 17th there were 114 projects submitted for potential funding in this region. COMB submitted all the projects approved by the Board for potential funding, but COMB is not committed to submit any of these projects for a grant. They are just kept eligible for consideration at a future date. Only projects that scored high will be ranked and that work is ongoing with the committee members performing their review of projects the week of October 15th. COMB will review three projects that were submitted by others and each of the committee members will have similar assignments to review approximately 31 of the top scoring projects for the regional plan. This ranking of the projects still does not obligate anyone to actually submit an application for a grant.

Attached is the list of project submitted for the region.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Informational item only.

LIST OF EXHIBITS:

N/A

SB IRWMP – OPTI Project List (Oct 8, 2012)

#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
1	Livestock & Land/ Cachuma Resource Conservation District (Co-sponsor: South Coast Habitat Restoration, UC Cooperative Extension (potential), Natural Resource Conservation Services)/ Anne Coates	This project would help meet Basin Plan water quality objectives and TMDLs by working with equestrian facilities to implement Best Management Practices (BMPs) and improve resource stewardship. This project would achieve immediate and lasting reductions in nutrient, sediment and pathogen pollution to surface and groundwaters, adding to current efforts to replace substandard septic systems and reduce agricultural runoff.	\$749,090.00	\$998,786.00	Ready for Implementation
2	Sewer Line Replacement/City of Lompoc/ Susan Segovia	Replace approximately 8,300 feet of old deteriorating sewer lines in Lompoc. Several miles of old, deteriorating clay sewer lines, some as old as 1916, have been identified in the City as needing replacement. Problem lines risk undesirable inflow and infiltration to the collection system, leaks to groundwater, overflows, and interference with treatment plant operations. This project phase addresses approximately one-quarter of the lines in question, and redirects some lines to improve flow.	\$2,000,000.00	\$500,000.00	Not Provided
3	Waterline from Alisal Road to WWTP/City of Solvang (Co-sponsor: Santa Ynez Community Services District)/ Matt Van der Linden	The Solvang Water Distribution System Evaluation (2008) identified the need for this project. A portion of the waterline serving the WWTP is undersized and unable to provide adequate pressure and fire protection. The waterline also needs to be relocated due to erosion exposing the pipe. An easement will need to be secured and a properly sized waterline installed further away from the Santa Ynez River.	\$240,000.00	\$96,000.00	Conceptual
4	WWTP Access Road Improvements Project/City of Solvang (Co-sponsor: Santa Ynez Community Services District)/ Matt Van der Linden	Repair potholes and ruts in the existing dirt access road from Alisal Road to the Solvang WWTP, and construct concrete and AC pavement at entry gates to ensure all-weather access to the plant	\$200,000.00	\$80,000.00	Conceptual
5	Sewer line Rehabilitation Project/City of Solvang / Matt Van der Linden	Deteriorated sewer lines will be repaired or replaced, and locations of high infiltration will be repaired.	\$700,000.00	\$140,000.00	Conceptual
6	Regional Habitat Conservation Bank for Endangered Species/Regional/Martin Wilder	The creation of a mitigation bank for impacts in endangered species habitat areas. A fee acquisition or conservation easement would be completed and transition of ownership to a recognized bank operator such as the California Rangeland Trust or other acceptable agency. The creation of the bank would include funds to establish an endowment.	\$4,000,000.00	\$4,000,000.00	Conceptual
7	Second Street Drainage Improvement Project/City of Solvang (Co-sponsor: Caltrans)/ Matt Van de Linden	The project will replace undersized storm drain lines and catch basins with larger facilities to increase the capacity of the storm drain system around and through the downtown area of Solvang including portions of State Highway 245 through Solvang.	\$617,500.00	\$247,000.00	Conceptual
8	Tunnel Road Sewer Main Extension/County of Santa Barbara Public Works Department/Martin Wilder	The project consists of extending the existing sewer main up Tunnel Road to serve homes currently on septic systems or existing lots that do not meet standards for septic systems.	\$1,500,000.00	\$1,000,000.00	Conceptual
9	Plant Facility Flood Protection/Laguna County Sanitation District/Martin Wilder	Evaluation and implementation of flood mitigation facilities at the Laguna County Sanitation District wastewater reclamation facility.	\$1,000,000.00	\$750,000.00	Conceptual
10	Palomino Road Sewer Main Extension/County of Santa Barbara Public Works Department/Martin Wilder	Sewer main extension to serve approximately 50 parcels currently on septic systems	\$4,419,253.00	\$3,000,000.00	Conceptual
11	Los Olivos Wastewater Collection and Treatment Facility/County of Santa Barbara Public Health Department (Co-sponsor: County of Santa Barbara Public Works Department)/David Brummond	Installation of collection, treatment and disposal facilities to replace substandard septic systems.	\$10,911,000.00	Not Provided	Not Provided
12	Waller/Stubbs List Station/Laguna County Sanitation	Installation of 1,500 LF of gravity trunk sewer, a lift station and 3,350 LF of force	\$1,839,000.00	\$80.00	In Design

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SB IRWMP – OPTI Project List (Oct 8, 2012)

#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
13	District/Martin Wilder East Side Wastewater Treatment Plant/ Laguna County Sanitation District (Co-sponsor: County of Santa Barbara Public Health Department)/ Martin Wilder	Installation of a package wastewater treatment plant primarily to serve the Lake Marie Estates housing development.	\$5,000,000.00	\$3,000,000.00	Conceptual
14	Recycled Water Pipeline Extension/Retrofit at Rancho Maria Golf Course/ Laguna County Sanitation District/ Martin Wilder	Approximately 2 miles extension of 12" PVC recycled water main and on site irrigation system retrofit at the Rancho Maria Golf Course. On site work includes using existing facilities as well as adding a new pump station and holding pond.	\$2,510,000.00	\$1,655,000.00	Ready for Implementation
15	Recycled Water Pipeline Extension to Waller County Park Area/ Laguna County Sanitation District/ Martin Wilder	Extension of existing recycled water distribution system to provide water for irrigation to Waller County Park and neighboring areas such as the Santa Maria Public Airport, and Haggerman Fields. Facilities needed include pipeline, tanks, and pump stations.	\$2,000,000.00	\$1,500,000.00	Conceptual
16	Sludge Drying Beds Improvements/Laguna County Sanitation District/Martin Wilder	Replacement of existing earthen sludge beds with lined beds and supernatant return system.	\$1,179,000.00	\$500,000.00	In Design
17	UV Disinfection System Optimization Project/Laguna County Sanitation District/Martin Wilder	Installation of a break tank and pump system to maintain constant feed of ultrafiltration effluent to an existing UV disinfection system. The UV system would be revalidated under NRWI Guidelines with the goal of reducing the power demand.	\$370,000.00	\$302,500.00	Conceptual
18	Backup Generator System/ Laguna County Sanitation District/ Martin Wilder	Installation of backup generators.	\$1,400,000.00	\$1,000,000.00	In Design
19	Tamarisk and Arundo Removal along the Santa Ynez River/Santa Barbara County Agricultural Commissioner/David Chang	A project is under way to remove Arundo in the fall of 2012 and 2013 but funding is needed for Tamarisk removal to assure eradication success for two years after the initial two years of treatment. The proposed project would have the following schedule 2013 and 2014 Tamarisk removal; 2014 and 2015 Arundo removal, follow-up year to assure eradication that would be done at the same time as the tamarisk removal; 2015 and 2016 Tamarisk removal, follow-up year to assure eradication.	\$550,000.00	\$470,000.00	Ready for Implementation
20	New River Wells & Water Treatment Plant Project/City of Solvang/Matt Van der Linden	The project consists of 3 primary components: wells, waterlines, and a water treatment plant. New wells will be installed along the north bank of the Santa Ynez River to extract river underflow. A treatment plant will be constructed in City owned open space along Alisal Rd. Waterlines will be constructed to convey the raw well water and treated water. The wells will have a combined design capacity of 1,500 gpm. The treatment plant will have a design capacity of 2 MGD.	\$5,500,000.00	\$1,100,000.00	In Design
21	Self-Regenerating Water Softener (SRWS) Rebate/Replacement Program / City of Solvang (Co-sponsors: Santa Ynez Community Services District; Santa Ynez River Water Conservation District; Santa Ynez River Water Conservation District - ID#1; City of Buellton; County of Santa Barbara) / Matt van der Linden	The Solvang WWTP effluent water has exceeded the sodium and chloride limit specified in its Waste Discharge Permit and the City's Salt Management Program (2011) identified self-generating water softeners as a significant contributor of salt (TDS, sodium, and chloride) loading to the Solvang WWTP. The ability to eliminate and/or replace antiquated softening systems with new technology will greatly improve the likelihood of meeting effluent limits.	\$500,000.00	\$400,000.00	Not Provided
22	Covered Solids Handling Area Structure at WWTP /City of Solvang (Co-sponsor: Santa Ynez Community Services District)/Matt Van der Linden	Build "Buttler Building" (pole barn) around solids handling area to reduce odor, and to keep sludge dry during inclement weather thus reducing sludge transport costs. This will improve the operational efficiency of the WWTP.	\$100,000.00	\$40,000.00	Conceptual
23	Reservoir 1 Roof Replacement/ City of Solvang/Matt Van der Linden	The Solvang Water System Master Plan Update (2011) identified this project to occur within five years. Replace reservoir roof with new roofing system. Reservoir 1 is a 600,000 gallon reservoir includes an adjacent zone 2 booster station, zone 3 booster station and a 4,000 gallon hydro pneumatic tank.	\$550,000.00	\$220,000.00	Conceptual

SB IRWMP – OPTI Project List (Oct 8, 2012)

#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
24	Reservoir 2 Recoating Project/ City of Solvang/ Matt Van der Linden	Recoat the Reservoir 2 interior and exterior, and perform interior piping repairs to ensure Reservoir achieves its full useful design life. Reservoir 2 is a 450,000 gallon reservoir.	\$200,000.00	\$80,000.00	Conceptual
25	New Reservoir 4 to Replace Cisterns/City of Solvang/Matt van der Linden	The Solvang Water System Master Plan Update (2011) identified this project to occur within five years. Replace old undersized cisterns with new 400,000 gallon reservoir to ensure capability to meet future summertime peak water demands. Install new waterline in Riley Road and relocate booster pumping station adjacent to new reservoir. This will improve fire protection to all customers south of the Santa Ynez River, including the WWTP.	\$925,000.00	\$370,000.00	Not Provided
26	Recycled Water Enhancement Project/City of Santa Barbara (Co-sponsor: Heal the Ocean)/Rebecca Bjork	Upgrade of the recycled water treatment plant to increase reliability and decrease the need to blend recycled water with potable water. It is projected that this project will increase the City's ability to reliably produce recycled water by approximately 800 AF/Yr	\$10,000,000.00	\$3,000,000.00	Not Provided
27	Las Positas Valley Restoration/City of Santa Barbara/ Cameron Benson	The purpose of this project is to restore the riparian corridor in the lower Las Positas Valley. Restoration will include non-native weed removal and revegetation with native plants, biotechnical stabilization of eroding banks, removal of concrete from the creek channel, and improvement of trails and interpretive information.	\$2,200,000.00	\$1,450,000.00	Conceptual
28	Lower Arroyo Burro Restoration Project/City of Santa Barbara/ Cameron Benson	The purpose of this project is to restore the riparian corridor along Arroyo Burro in the lower Las Positas Valley. Restoration will include non-native weed removal and revegetation with native plants, biotechnical stabilization of eroding banks and creek bed, removal of concrete and pipe and wire revetment from the creek channel, modify existing grade control structures, and improvement of trails and interpretive information.	\$2,500,000.00	\$1,600,000.00	Conceptual
29	Mid-Arroyo Burro Restoration Project/City of Santa Barbara/ Cameron Benson	The purpose of this project is to restore the riparian corridor along the middle reach of Arroyo Burro. Restoration will include non-native weed removal and revegetation with native plants, biotechnical stabilization of eroding banks and creek bed, removal of concrete and pipe and wire revetment from the creek channel, modifying existing grade control structures, and improvement of trails and interpretive information.	\$2,800,000.00	\$1,800,000.00	Conceptual
30	Mission Creek Lagoon/Laguna Creek Restoration and Management Project/ City of Santa Barbara/ Cameron Benson	This is a creek, estuary and dune restoration project. The project will remove non-native plants and replace them with native vegetation. The project will also remove sections of concrete channel in the creek and replace them with biotechnical stabilization. The project design includes elements that will improve flood control, sediment management, and protect nearby infrastructure. The project will also improve water quality, and habitat for the endangered tidewater goby and steelhead trout.	\$9,000,000.00	\$4,000,000.00	In Design
31	Mission Creek Restoration and Steelhead Passage Project/ City of Santa Barbara/ Cameron Benson	The purpose of this project is to improve passage for the endangered steelhead trout through a mile long concrete flood control channel. The design will create a low flow channel and resting areas within the bed of the concrete channel. The project will provide the proper water depth to allow fish to migrate upstream during low flows as well as provide reduced velocities and resting areas for upstream migration during higher flow events, while maintaining flood capacity in the channel.	\$6,000,000.00	\$1,000,000.00	Ready for Implementation
32	Storm Water Treatment Retrofit Project/ City of Santa	The purpose of this project is to design, permit, and construct "Low Impact	\$2,500,000.00	\$2,000,000.00	In Design

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SB IRWMP -- OPTI Project List (Oct 8, 2012)

#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
	Barbara/ Cameron Benson	Development" retrofit (storm water and urban run-off treatment) projects on publicly-owned property to reduce storm water pollution and improve creek and ocean water quality.			
33	Sycamore Creek Restoration/City of Santa Barbara/ Cameron Benson	The purpose of this project is to restore the riparian corridor along Sycamore Creek. Restoration will include non-native weed removal and revegetation with native plants, biotechnical stabilization of eroding banks and creek bed, removal of concrete and other debris from the creek channel, and improvement of trails and interpretive information.	\$1,500,000.00	\$900,000.00	Conceptual
34	Andree Clark Bird Refuge Water Quality and Habitat Enhancement Project/ City of Santa Barbara/ Cameron Benson	The purpose of this project is to develop and implement a water quality and habitat enhancement project at the Andree Clark Bird Refuge that will improve water quality, restore native habitat and improve recreational opportunities for Santa Barbara residents and visitors.	\$7,500,000.00	\$4,500,000.00	Conceptual
35	Watershed Invasive Plant Removal Program/City of Santa Barbara/ Cameron Benson	The project includes removal of invasive plant species at various locations along the creek corridors within the City of Santa Barbara. The project also includes replacement of invasive plants with native plants. Where possible, the project will include non-native invasive species removal on privately owned parcels adjacent to public open spaces. The removal of invasive plants will be followed by the replacement with native trees and shrubs.	\$800,000.00	\$500,000.00	Ready for Implementation
36	Los Income Residential Water Audit and Improvement Program/Santa Barbara County Water Agency (Co-sponsors: Community Action Commission, Carpinteria Valley Water District, City of Santa Maria, Goleta Water District, and Vandenberg Village Community Services District)/ Randy Turner	Provide funding, training, and resources for the Community Action Commission (CAC) to assist qualified low income community members in Santa Barbara County with water efficiency and urban runoff prevention. Expand CAC's existing weatherization program to provide indoor and landscape related water efficiency assessments, simple repairs, water efficiency upgrades, and outreach materials.	\$454,000.00	\$313,000.00	Conceptual
37	Santa Barbara County Water Loss Control Program/ Santa Barbara County Water Agency (Co-sponsors: City of Santa Barbara, City of Santa Maria, Carpinteria Valley Water District, and Goleta Water District)/ Randy Turner	This project will provide technical assistance to participating water purveyors in Santa Barbara County to identify and repair distribution system water losses and ensure accurate billing for delivered water. This project will follow American Water Works Association (AWWA) criteria and will provide key technical support to each purveyor's ability to address water losses now and in the future by establishing programs which increase operational efficiency and supply reliability.	Not Provided	Not Provided	Conceptual
38	Commercial and Industrial Water Conservation Program/ Santa Barbara County Water Agency (Co-sponsors: City of Santa Barbara, City of Santa Maria, City of Lompoc, Carpinteria Valley Water District, Goleta Water District, Vandenberg Village Community Services District, and Santa Barbara Green Business Program) / Randy Turner	This project will support water use efficiency surveys, reporting, and incentives for large and complex commercial and industrial facilities in Santa Barbara County. The SBCWA would assist participating water providers by contracting with a qualified consulting firm who will help their customers assess water use, determine site specific improvements, and implement cost effective water conservation projects, while developing long-term institutional knowledge for the water providers.	Not Provided	Not Provided	Conceptual
39	Extreme Landscape Makeover for Schools and Parks/ Santa Barbara County Water Agency (Co-sponsor: Cachuma RCD, Cities of Santa Barbara, Lompoc, Carpinteria, and Santa Maria, Carpinteria Valley Water District, Goleta Water District, Vandenberg Village CSD, County of Santa Barbara Project Clean Water, and Surfrider Foundation's Ocean Friendly Gardens)/ Randy Turner	This grant would provide expertise and funding to reduce irrigation water use and runoff for up to 30 schools, parks, and other high-traffic public facilities in Santa Barbara County. These facilities often do not have the funds to act even on cost effective recommendations to existing facilities. Actions may include an irrigation audit, irrigation efficiency improvements, turf removal, installation of water wise plants, rain gardens, and other LID techniques, as well as hands on workshops.	\$1,204,000.00	\$1,064,000.00	Conceptual

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#	Project Title / Agency / Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
40	Electrical Upgrade at WWTP/City of Buellton/ Rose Hess	The project includes the testing of electrical system at wwtp and the repair and upgrade of the power supply, including the addition of back-up generators.	\$500,000.00	\$400,000.00	Ready for Implementation
41	SCADA System Upgrade/ City Buellton/ Rose Hess	The Project includes the acquisition of a new SCADA system (equipment and software) for the City's water network and includes installation and implementation.	\$160,000.00	\$128,000.00	Conceptual
42	Water Treatment Plant Facilities Expansion/ City of Buellton/ Rose Hess	The Project includes test drilling at 3 various city locations to finalize location of new ground water wells and new water treatment plant. Scope of work includes engineering design, construction, and construction management.	\$2,000,000.00	\$1,600,000.00	Conceptual
43	SWMP/SSMP Implementation/ City of Buellton/ Rose Hess	The Project consists of maintenance implementation to comply with the City's SWMP and SSMP. This will include the acquisition of appropriate equipment such as a vac-con truck and camera system for inspection and cleaning of sewer lines and storm drain system, and include manhole sniffer for safety.	\$500,000.00	\$400,000.00	Ready for Implementation
44	Water Meter Upgrades/ City of Buellton/ Rose Hess	The Project includes the acquisition and installation of smart meters to replace the existing 1600 water meters in the system. The new meters would allow for remote reading and instantaneous access to water usage.	\$800,000.00	\$640,000.00	In Design
45	Water Treatment Plan Upgrades and Safety Improvements/ City of Buellton/ Rose Hess	The Project will include various improvements to existing wtp to replace valves, replace tanks, pipework that has deteriorated, upgrade of the existing chemical process system from Chlorine Gas to Sodium Hypochlorite, interim include appropriate alarms, and replace existing deteriorating buildings.	\$200,000.00	\$160,000.00	In Design
46	WTP/WWTP Back-up Power Generation/ City of Buellton/ Rose Hess	The Project consists of the replacement and upgrade of existing generators at the City's WTP/WWTP. The generator will run all essential systems of the wastewater treatment plant when normal power is lost. The system will include fuel tank, automatic transfer switches and telemetry.	\$400,000.00	\$320,000.00	In Design
47	Booster Pump Station Improvements/ City of Buellton/ Rose Hess	The Project will replace an old booster pump and replace housing facility for pumps so it is accessible. The project will also install a chlorine analyzer to check concentration levels.	\$180,000.00	\$144,000.00	In Design
48	Blending Station Project/ City of Buellton/ Rose Hess	This Project includes the design and construction of a blending station and appurtenant pipeworks to treat groundwater and blend with state water to ensure consistent water deliveries to the community.	\$1,000,000.00	\$800,000.00	Conceptual
49	Wastewater Treatment Plant Security Improvements/ City of Buellton / Rose Hess	The Project consists of the installation of a remote monitoring system, cameras and auto shut-off features to prevent sewage overflows	\$200,000.00	\$160,000.00	In Design
50	SWMP Program Implementation/ City of Buellton / Rose Hess	The Project implements the unfunded mandate to design/monitor and control stormwater runoff and will fund the City's SWMP program.	\$100,000.00	\$80,000.00	Ready for Implementation
51	WWTP Building and Site Improvements/ City of Buellton / Rose Hess	The Project consists of clearing and grading of the wwtp site and the construction of a new building which would provide office and lab space in addition to vehicle and equipment storage.	\$500,000.00	\$400,000.00	Conceptual
52	McMurray WTP Building Expansion/ City of Buellton / Rose Hess	The Project includes the design and construction of a Building at the McMurray Road Water Treatment Plant. The building will house the tools, equipment and supplies for the water treatment and distribution system.	\$100,000.00	\$80,000.00	Conceptual
53	Storm Drain Inlet Retrofits/ City of Buellton / Rose Hess	The City has 180 drainage inlets and catch basins that are publicly maintained. As part of its efforts to clean and remove debris and to increase safety, the City will be installing safety bars and grates, which would prevent large objects, debris from entering the storm drain system.	\$360,000.00	\$288,000.00	In Design
54	Biological Nutrient Removals (BNR) Improvements/ City of Buellton / Rose Hess	The project includes the design and construction of improvements to WWTP	\$1,000,000.00	\$800,000.00	Conceptual

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#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
55	Buellton / Rose Hess Demonstration Gardens and Landscape Conservation Program/ City of Buellton / Rose Hess	processes: aeration tanks, secondary clarifiers, RAS pumping station. The Project will design, install demonstration gardens on sustainable and native vegetation at City Hall. The Project will also create and provide literature to assist residents and businesses to modify their landscaping and also provide a funding source to encourage the community to implement these water conservation features.	\$200,000.00	\$160,000.00	In Design
56	RAS/WAS Pump Replacements/ City of Buellton / Rose Hess	The Project includes the replacement of RAS/WAS pumps	\$200,000.00	\$160,000.00	In Design
57	Buellton River Trail/ City of Buellton / Rose Hess	The Project will design and install a natural trail system between River View Park and Ave of Flags. It will include Trail Heads and water quality/habitat/natural resource educational display boards/signs and fencing. The City has acquired Trail easements through most of the properties along the south City limits.	\$500,000.00	\$400,000.00	Conceptual
58	Santa Ynez River Tamarisk and Arundo Project/ County of Santa Barbara Agricultural Commissioner's Office/ David Chang	The Agricultural Commissioner proposes to apply herbicides to control the California Code of Regulations Section 4500 listed noxious weeds, Arundo donax and Tamarix ramosissima, along the riparian corridor of the Santa Ynez River.	\$500,000.00	\$500,000.00	Not Provided
59	Cogeneration Unit/ Goleta Sanitary District/ Kathleen Werner	Installation of cogeneration unit at WWTP	Not Provided	Not Provided	Not Provided
60	Mattorral Way Creek Aerial Crossing Sewer Replacement Project/ Goleta Sanitary District/ Kathleen Werner	Replace sewer pipe and bridge which crosses San Antonio Creek	Not Provided	Not Provided	Not Provided
61	Modoc Road New Sewer Line Installation Project/ Goleta Sanitary District/ Kathleen Werner	Re-line 5900 feet of sewer line along Modoc Road near Gleneguitas Creek	Not Provided	Not Provided	Not Provided
62	Water Quality Treatment/ City of Santa Maria/ Lisa Long	This project would treat water as it enters or leaves the City of Santa Maria to improve water quality	\$200,000.00	\$160,000.00	Conceptual
63	Water Quality Treatment- LID/ City of Santa Maria/ Lisa Long	This project would treat water with Low Impact Development (LID) best management practices to improve water quality	\$200,000.00	\$150,000.00	Conceptual
64	Salt & Nutrient Management Plan Mitigation Measures/ City of Santa Maria/ Lisa Long	This project would implement mitigation measures recommended in the Salt & Nutrient Management Plan	\$600,000.00	\$450,000.00	Conceptual
65	Central Irrigation Control System/ City of Santa Maria/ Lisa Long	This project would install new and improve existing irrigation control systems that are used to control irrigation of City of Santa Maria parks and facilities.	\$300,000.00	\$225,000.00	Not Provided
66	Santa Maria Valley Groundwater Banking Feasibility Study/ City of Santa Maria/ Lisa Long	This study will investigate the feasibility of banking water in the ground for future use	\$200,000.00	\$150,000.00	Conceptual
67	Stowell Road Drainage Improvements/ City of Santa Maria/ Lisa Long	This project will install drainage improvements at the intersection of Stowell and Black Roads to alleviate flooding	\$180,000.00	\$135,000.00	Conceptual
68	Twitchell Reservoir Sedimentation Management/ City of Santa Maria/ Lisa Long	This project will remove sediment from the Reservoir and associated outlet facilities and implement management practices to decrease future sedimentation	\$800,000.00	\$600,000.00	In Design
69	Water Infiltration Basins/ City of Santa Maria/ Lisa Long	This project would install new basins and improve the operations of existing basins to capture and infiltrate water into the ground	\$1,200,000.00	\$900.00	Conceptual
70	Wastewater Treatment Plant Nutrient Removal/ City of Santa Maria/ Lisa Long	Provide treatment for the City's wastewater to remove nitrogen.	Not Provided	Not Provided	Not Provided
71	Groundwater Treatment/ City of Santa Maria/ Lisa Long	Provide treatment for the City's groundwater supply to remove TDS and nitrogen, and includes well installation and improvements to existing wells to produce a higher initial water quality.	Not Provided	Not Provided	Not Provided
72	Untreated Water Landscape Irrigation Extension/ City of Santa Maria/ Lisa Long	This project extends the City's existing untreated water landscape irrigation system to reach additional large landscaped areas, with the ultimate project	Not Provided	Not Provided	Not Provided

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#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
73	Las Vegas – San Pedro Creeks Capacity Improvement Project – Phase 3 / Santa Barbara County Flood Control & Water Conservation District (Co-sponsors: City of Goleta, City of Santa Barbara, Union Pacific Railroad)/ Jon Frye	connecting the isolated system around the core of the City to the groundwater header at the southern end of the system. The purpose of the overall proposed project is to increase the conveyance capacity of Las Vegas Creek from a 10-year to a 25-year storm event under the transportation corridors that include Calle Real, Route 101, and the Union Pacific Railroad in Goleta California. This project will specifically address the replacement of the Union Pacific Railroad bridge over Las Vegas Creek to increase capacity.	\$4,067,000.00	\$2,033,500.00	In Design
74	Las Vegas – San Pedro Creeks Capacity Improvement Project – Phase 2/ Santa Barbara County Flood Control & Water Conservation District (Co-sponsors: City of Goleta, City of Santa Barbara, Union Pacific Railroad)/ Jon Frye	The purpose of the overall proposed project is to increase the conveyance capacity of San Pedro Creek from a 10-year to a 25-year storm event under the transportation corridors that include Calle Real, Route 101, and the Union Pacific Railroad in Goleta California. This project will specifically address the replacement of the Union Pacific Railroad bridge over San Pedro Creek to increase capacity.	\$3,958,000.00	\$1,979,000.00	In Design
75	Lower Mission Creek Flood Control & Restoration Project – Reach 2B, Phase 2/ Santa Barbara County Flood Control & Water Conservation District (Co-sponsor: City of Santa Barbara)/ Jon Frye	This project will construct a box culvert and open channel from the existing box culvert at Montecito Street under US Hwy 101 and connect to the existing open channel upstream of the highway. This culvert will allow most of the creek flows in excess of 640 CFS to By-pass an existing oxbow channel in Mission Creek that has limited flow conveyance capacity.	\$4,322,000.00	\$2,161,000.00	In Design
76	Lower Mission Creek Flood Control & Restoration Project – Reach 2A/ Santa Barbara County Flood Control & Water Conservation District (Co-sponsor: City of Santa Barbara, Army Corps of Engineers)/ Jon Frye	This reach of the overall Lower Mission Creek Flood Control and Restoration Project consists of the construction of a double box culvert connecting an existing box culvert, constructed under the Union Pacific Railroad in 2009, to the existing Mission Creek channel just south of Yanonali Street. This culvert will allow most of the creek flows in excess of 640 CFS to By-pass an existing oxbow channel in Mission Creek that has limited flow conveyance capacity.	\$5,290,000.00	\$2,645,000.00	In Design
77	Lower Mission Creek Flood Control & Restoration Project – Reach 1B/ Santa Barbara County Flood Control & Water Conservation District (Co-sponsor: City of Santa Barbara, Army Corps of Engineers)/ Jon Frye	This project will widen the portion of Mission Creek between Yanonali and Mason Streets providing improved aquatic habitat and expanded riparian habitat along the creek banks.	\$7,768,000.00	\$3,884,000.00	In Design
78	Las Vegas- San Pedro Creeks Capacity Improvement Project- Phase 1/ Santa Barbara Flood Control & Water Conservation District (Co-sponsor: City of Santa Barbara, Army Corps of Engineers)/ Jon Frye	This project will construct a berm and flood wall along the westerly bank of San Pedro Creek downstream of the railroad bridge.	\$1,485,000.00	\$742,500.00	Conceptual
79	Lower Mission Creek Flood Control & Restoration Project – Reach 1A, Phase 2/ Santa Barbara County Flood Control & Water Conservation District (Co-sponsor: City of Santa Barbara, Army Corps of Engineers)/ Jon Frye	This project will complete Reach 1A of the overall Lower Mission Creek project. Reach 1A, Phase 1 was completed in 2011. Phase 2 will continue the improvements up to Mason Street. These include widening the creek channel, providing improved aquatic habitat and expanded riparian habitat along the creek banks.	\$4,895,000.00	\$2,447,500.00	Ready for Implementation
80	Recycled Water Enhancement Project/ City of Santa Barbara (Co-sponsor: Heal the Ocean)/ Rebecca Bjork	Upgrade of the recycled water treatment plant to increase reliability and decrease the need to blend recycled water with potable water. It is projected that this project will increase the City's ability to reliably produce recycled water by approximately 800 AF/Yr	\$10,000,000.00	\$3,000,000.00	In Design
81	Northview Road Sewer Extension/ City of Santa Barbara (Co-sponsor: Heal the Ocean, County of Santa Barbara EHS)/ Rebecca Bjork	Extending a sewer main from Calle Real along the length of Northview Road and connecting existing homes currently on septic	\$750,000.00	\$400,000.00	In Design

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#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
82	El Estero Advanced Secondary Treatment and Improvement Project/ City of Santa Barbara (Co-sponsor: City of Santa Barbara) / Theresa Lancy	Replacement of the aeration blowers that supply air to the secondary stage of the wastewater treatment process and modification of tanks to allow nitrification/denitrification of water during treatment. The project aims to improve the reliability and efficiency of the treatment process, producing wastewater effluent that is more suitable for use as recycled water.	\$20,000,000.00	\$2,000,000.00	In Design
83	Phase 3 Recycled Water System Expansion/ City of Santa Barbara/ Theresa Lancy	Additional phase to follow two earlier phases that involved construction of treatment and distribution facilities to serve the major landscaped areas in the City. This project constructs extensions of the system to allow additional use of recycled water in support of local and State policies in support of recycled water use. Four branches have been conceptually identified for extension: Franklin area, Alameda/Courthouse, Cemetery and La Cumbre Golf Course.	\$4,000,000.00	\$750,000.00	Conceptual
84	AMI Pilot Project/ City of Santa Barbara/ Theresa Lancy	The AMI Pilot Project will use advanced metering infrastructure (AMI) which will enable two-way communications with City of Santa Barbara water customer's meters resulting in significant water savings as a result of real time tracking of both water usage on the customer end as well as tracking water loss in the distribution system.	\$108,242.00	\$50,000.00	Ready for Implementation
85	Braemar Area Sewer Extension Project/ City of Santa Barbara/ Theresa Lancy	Extension of the City's sewer system to serve approximately 100 properties not currently served by municipal sewer. A preliminary feasibility study has been completed. The extension would include up to approximately 10,000 feet of 8-inch gravity sewer mains and up to 3,000 feet of 3-inch force mains. The area to be served is on the coastal plain adjacent to the ocean.	\$4,440,280.00	Not Provided	Conceptual
86	El Estero Swale Restoration Project/ City of Santa Barbara/ Theresa Lancy	This project will rehabilitate and enhance degraded wetlands on the south end of the El Estero Treatment Plant. The area is classified as habitat for endangered turtle species.	\$1,000,000.00	\$250,000.00	Conceptual
87	East Via Real Stormwater Treatment Plant/ City of Carpinteria/ Erin Maker	This project will upgrade existing storm drain structures to accommodate the high rate of concentration along Via Real, currently overwhelmed during rain events, causing extreme erosion and sediment discharge. The existing structures will be upgraded and LID will be incorporated to accommodate overflow, which currently runs across the adjacent agricultural fields, causing erosion and picking up sedimentation and pesticides, which discharge onto Via Real and from there into Carpinteria Creek.	\$600,000.00	\$500,000.00	Conceptual
88	Recycled Water Pump Upgrades Project/ Goleta Water District/ Chris Rich	Electrical improvements to two recycled water pump stations, including: 1) replacement of 4 Variable Frequency Drives (VFD) and outdated support equipment with 3 new Soft Start motor controllers, a new VFD pump controller, a new Programmable Logic Controller (PLC) at the Goleta Sanitary District booster pumping station, and 2) electrical support improvements designed to meet OSHA regulated NFPA 70E standards for arc flash protection at the GSD and Hollister pump station.	\$750,000.00	\$375,000.00	Ready for Implementation
89	Recycled Water Pump Arc Flash Improvements/ Goleta Water District/ Chris Rich	Arc flash improvements to the electrical equipment of the Hollister recycled water booster pump station to comply with the National Fire Protection Association (NFPA) standards, eliminate the risk of high voltage electrical equipment explosions, and ensure the continued operation of the recycled water pumps.	\$200,000.00	\$150,000.00	Ready for Implementation
90	Elwood Hydroelectric Project/ Goleta Water District/ Chris Rich	Installation of a hydroelectric turbine generator at Goleta Water District's Elwood Reservoir. The generator would utilize pressure and flowing water	\$350,000.00	\$260,000.00	Conceptual

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#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
		within the District's gravity fed distribution system to spin turbines and generate up to 348,000 kWh of electricity per year.			
91	Corona Del Mar Water Treatment Plant Filter Media Replacement Project/ Goleta Water District/ Chris Rich	Replacement of filter sand and granular activated carbon (GAC) filtering material in six filters at the Corona Del Mar Water Treatment Plant. Carbon filter treatment deodorizes and removes turbidity from water.	\$1,500,000.00	\$750,000.00	In Design
92	Corona Del Mar Water Treatment Plant Sludge Drying Beds Project/ Goleta Water District/ Chris Rich	Reconstruction of three sludge drying beds at the Corona Del Mar Water Treatment Plant, including: excavation and removal of all material (sand, sludge and gravel); removal of sub-drain systems and liners; construction of new sub-drain pipeline systems; installation of impermeable bed liners; placement of sand and filter material and collection pipes above the liner.	\$3,400,000.00	\$1,000,000.00	In Design
93	Goleta Water District-City of Santa Barbara Interconnect Project/ Goleta Water District (Co-sponsor: City of Santa Barbara)/ Chris Rich	Construction of a new high capacity connection (interconnect) between the water distribution systems of the Goleta Water District (GWD) and the City of Santa Barbara (SB). The project involves construction of approximately 700' of 20" diameter PVC waterline, a large meter and a new booster station.	\$1,300,000.00	\$650,000.00	Ready for Implementation
94	Irrigation System for WWTP Discharge/ Cuyama Community Services District/ U.S. Wilson	Install irrigation system to dispose of wastewater instead of discharge into creek.	\$600,000.00	\$600,000.00	Conceptual
95	Water Tower Repair Project/ Cuyama Community Services District/ U.S. Wilson	Rehabilitation and recoating of water tower for water system and additional water storage.	\$100,000.00	\$100,000.00	Ready for Implementation
96	Recycled Water Facilities Upgrade / City of Guadalupe/ Dennis Delzeit	The existing WWTP would need to be upgraded to produce effluent meeting the requirements of Title 22 of the California Code of Regulations. Anticipated recycled water process systems to be added to the WWTP include: secondary effluent lift pumps, packaged flocculation system, packaged filtration system, disinfection, onsite recycled water storage in the one of the abandoned AIPS ponds, recycled water distribution pump station, and recycled water distribution piping.	\$3,650,000.00	\$3,650,000.00	Conceptual
97	Tajiguas Creek Steelhead Recovery/ South Coast Habitat Restoration (Co-sponsor: Landowner, Cachuma Resource Conservation District, Potential partners include: Natural Resource Conservation Service, Department of Fish and Game, US Fish and Wildlife Surface)/ Mauricio Gomez	The purpose of this project is to improve upstream migration for the federally endangered steelhead trout by removing four instream impediments located on private agricultural lands in the Tajiguas Creek watershed along the Gaviota Coast. The project will install two clear span bridges at two of the barriers to improve access for agricultural management. In addition, the project will improve instream water quality conditions by planting native vegetation in the project areas of disturbance.	\$913,641.00	\$618,375.00	In Design
98	City Parking LID Project/ City of Carpinteria/ Erin Maker	The proposed project includes design, permitting and implementation of an LID retrofit to the three downtown public parking lots in Carpinteria to address stormwater runoff.	\$400,000.00	\$300,000.00	Conceptual
99	Upper Reach Second Barrel from Glen Anne Turnout to Corona Del Mar Water Treatment Plant/ Cachuma Operation and Maintenance Board/ Megan Emami	This project would complete the second 48" pipeline section that distributes water to the South Coast population of Santa Barbara County. This project will extend from Glen Anne Turnout to Corona Del Mar Turnout at approximately 6,700 feet in length. Two hundred thousand residents rely on the existing sixty year old pipeline for water distribution to the South Coast of Santa Barbara County. This new pipeline would be a redundant water supply to ensure reliability of the current system.	\$7,600,000.00	\$7,600,000.00	Ready for Implementation
100	South Coast Habitat Restoration/ South Coast Habitat Restoration (Co-sponsor: Landowners, California Coastal Conservancy, National Oceanic Atmospheric	The purpose of this project is to improve upstream migration for the federally endangered steelhead trout by removing two instream impediments located on private agricultural lands in the Carpinteria and Maria Ygnacio Creek watersheds.	\$1,110,000.00	\$950,000.00	Conceptual

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#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
	Administration// Mauricio Gomez	The project will install two clear span bridges to replace the barriers to improve access for agricultural management. In addition, the project will improve instream water quality conditions by planting native vegetation in the project areas of disturbance.			
101	North Portal Security Upgrade/ Cachuma Operation and Maintenance Board/ Megan Enami	The North Portal contains several COMB facilities: North Portal Control Station, Lake Intake Tower and Access Bridge, as well as the North Portal of the Tecolote Tunnel. These facilities are the most critical component of the conveyance system and are in need of upgrades. These facilities are the most remote and are the origin of all flows to Cachuma Operation and Maintenance Board's water distribution system. Security and reliability are important for continued operation of these facilities.	Not Provided	Not Provided	Not Provided
102	Glenn Anne Dam and Reservoir for Emergencies, Accountability, and Management, Seismic Project/ Cachuma Operation and Maintenance Board/ Megan Enami	The project consists of upgrading Glenn Anne Reservoir and Dam to meet seismic regulations, replacement of the reservoir pump station to return flows to Goleta West and the South Coast Conduit to serve the 200,000 users that depend on this water source.	\$10,000,000.00	\$5,000,000.00	Conceptual
103	Lower Reach Air Vac Valve/Blowoff Valve Replacement Project/ Cachuma Operation and Maintenance Board/ Megan Enami	COMB's water distribution pipeline requires special valve designs to minimize the potential of cross connections. Many of the air vac valves and blow off valves are over thirty years old, corroded, and in poor condition. The air vac valves need to be replaced as well as brought above ground to meet state requirements. These replacements and upgrades will ensure the quality of water being distributed meets the required standards as well as improve the reliability of the system.	\$490,013.00	\$245,009.00	Ready for Implementation
104	Highway 192 at Mission Creek Fish Passage and South Coast Conduit Relocation Project/ Cachuma Operation and Maintenance Board/ Timothy H. Robinson	The project will modify an existing concrete apron downstream of the Hwy 192 Bridge over Mission Creek by installing a constructed riffle-ramp-pool sequent to allow for upstream/downstream migration of juvenile and adult endangered southern steelhead. Below the apron is the South Coast Conduit (a 36-inch water delivery main line for the region) that will be lowered below the stream grade. The structural integrity of the bridge, apron and the stream geomorphic continuity will be maintained.	\$1,251,940.00	\$641,811.00	In Design
105	Lower Reach Lining and Creek Stabilization/ Cachuma Operation and Maintenance Board/ Megan Enami	The Lower Reach consists of pipe sizes of 36 inches, 30 inches, and 27 inches. These pipes were installed in the 1950's and are nearing the end of their service life. Lining of these pipes would be the most cost effective method of repair. The length of the lower reach is 90,000 feet and due to the difficulty of construction in this area, the cost would be estimated at 200 dollars per foot. Total program would be \$18 million.	\$18,000,000.00	Not Provided	Not Provided
106	Upper Reach Pipeline Lining and Creek Stabilization/ Cachuma Operation and Maintenance Board/ Megan Enami	The Upper Reach from Corona Del Mar Water Treatment Plant to Lauro Reservoir requires lining to continue to be a reliable conveyance system. The critical sections such as, under HWY 154, and sections with abandoned laterals would be the first focus for repairs and then, the entire 60,000 feet of pipe would be completed. Estimate of cost is \$300 per foot of pipeline equaling an \$18 million program	\$18,000,000.00	Not Provided	Not Provided
107	Sheffield Tunnel Pipeline Replacement/ Cachuma Operation and Maintenance Board/ Megan Enami	The Sheffield Tunnel causes a hydraulic limitation in the lower reach due to having to limit operating pressure to ensure the integrity of the pipe. The pipe in the tunnel is a 6,000 foot, 30" pipe. By lining or replacing the pipe, the reliability would be improved eliminating the pressure limitation. It has been estimated to cost \$150/foot to repair. This project is required in order to meet peak demands	\$900,000.00	Not Provided	Not Provided

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#	Project Title/Agency/Name	Brief Description	Project Cost	Grant Amount Requested	Project Status
108	Fish Passage Improvement on Crossing 3, Quito Creek/ Cachuma County (Co-sponsors: Potential Partners include the South Coast Water District, Avocado Commission, Natural Resources Conservation Service, and UC Cooperation Extension)/ Cachuma Resource Conservation District/ Anne Coates	The project will replace a concrete at-grade road crossing with a 60-foot bottomless-arched culvert (bridge). It will restore a natural stream channel and continuous riparian corridor that will allow for juvenile and adult passage for the endangered southern steelhead while improving road access and safety. The project design confirms with California Department of Fish and Game, the National Marine Fisheries Service and Santa Barbara County design criteria and fish passage guidelines.	\$940,000.00	\$35,500.00	In Design
109	Irrigation System Improvements and BMPs on Orchards in Santa Barbara County (Co-sponsors: Potential Partners include the South Coast Water District, Avocado Commission, Natural Resources Conservation Service, and UC Cooperation Extension)/ Cachuma Resource Conservation District/ Anne Coates	This project would improve irrigation & nutrient management on orchards with steep slopes and/or adjacent to riparian areas, primarily on the South Coast. BMPs would address irrigation and fertilizer practices, runoff management and erosion. Site specific evaluations would allow for recommendations for irrigation system upgrades based on audit and self-assessment information. Priority provided to orchards with greatest potential for reducing water consumption and improving storm water quality.	\$1,000,000.00	\$750,000.00	Ready for Implementation
110	Construction of Well #10-Augment Water Supply/ City of Lompoc/ Susan Segovia	Well #10 is required to augment the supply of water during drought periods, when individual wells experience deeper static levels, pumping levels, and diminished capacity. Current well field contains several wells in excess of 47 years old with diminishing water yields.	\$184.00	\$1	In Design
111	City of Lompoc Treatment Basin Upgrades/ City of Lompoc/ Susan Segovia	The Water Treatment Plant Basins need to be upgraded. The treatment processing equipment of the flocculation and clarification basins need to be replaced and upgraded. The basins primary purpose is to enhance, allow the settling and removal of solids from the City of Lompoc's treated water prior to filtration. One basin will be upgraded and replaced over a two year period.	\$972,400.00	\$700,000.00	Ready for Implementation
112	Corona Del Mar Water Treatment Plant Backwash Basin Improvement Project/ Goleta Water District/ Chris Rich	Located at the Corona Del Mar Water Treatment Plant, the project involves, (1) installation of redesigned piping, baffles, and other system improvements to improve the operation and efficiency of the existing Filter Backwash Recovery Basin (backwash basin), and (2) construction of a new overflow basin to serve as an all purpose sludge, backwash water, and storm water storage area.	\$1,484,000.00	\$750,000.00	In Design
113	WWTP Effluent Disposal Facility Improvements/ City of Guadalupe/ Dennis Deizeit	Install approx. 3,000-ft of buried HDPE or PVC effluent conveyance pipeline between the WWTP and the effluent holding ponds. Upgrades to the irrigation pump station including a ventilation-controlled enclosure for the existing VFDs & rehabilitation/replacement of discharge pressure filters. Install a new, buried spray irrigation system	\$2,240,000.00	Not Provided	Ready for Implementation
114	WWTP Grit System and Influent Pump Improvements/ City of Guadalupe/ Dennis Deizeit	The proposed project would prioritize improvements to improve reliability of the existing WWTP and reduce O&M efforts. The proposed improvements would consist of the following components: 1) Demolish the existing grit removal equipment and install new grit removal system including vortex grit propeller, grit pump, and grit classifier. 2) Remove and replace existing influent pumps, leaking valves, and rehabilitate for forcemain piping. Install new VFD on Pump No. 3.	\$685,000.00	\$685,000.00	Ready for Implementation

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	October 22, 2012
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

SUBJECT: Progress on Glen Anne Reservoir

SUMMARY:

A draft of the Glen Anne Reservoir report has been developed and it will be sent out for review.

It has become clear that storage in the Upper Reach of Cachuma Project facilities is needed for reliability. Retrofitting Glen Anne Dam is necessary to continue supplying a reliable water source to the South Coast of Santa Barbara County for the long-term. Although the investment in the system is high, the long-term return is priceless to continue maintenance of the system and uninterrupted distribution of water. If the project is not implemented it will continue to increase in cost and the South Coast may be questioning why storage was not developed when multiday shutdowns may be required for Tecolote Tunnel repairs.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Informational item only.

LIST OF EXHIBITS:

N/A

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	October 22, 2012
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

SUBJECT: Septic Tank at the MURRP Site

SUMMARY:

The tank located at the Glen Anne Turn Out is presently being used as a holding tank without a connected leach field system. A cap was placed on the discharge of the tank after last months Board meeting. At the completion of the MURRP the construction trailer that is presently utilizing this tank for a single restroom will be removed. COMB staff has requested the General Manager to consider establishing a permanent restroom with a shower for use of staff when performing work in this area of the County. The alternative is to place a shower locker room facility at the Lauro Yard for staff use. Staff handles chemicals for vegetation control in the Glen Anne area and they properly dispose of their chemical suits after use and would like to shower to remove any chemicals remaining on their skin. This item will be addressed in the next several months for consideration by the Board. If the holding tank is converted to septic tank it would be relocated to the area of the present construction trailer location where a larger area of flat ground exists to accommodate the leach field.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Informational item only but Board will have to vote on future policy. If COMB should request to have Santa Barbara Environmental Health Service become the permitting agency of all septic tanks on federal land managed by COMB would be the action item.

LIST OF EXHIBITS:

N/A

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	October 22, 2012
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

SUBJECT: Clay Pipe Installed by Reclamation

SUMMARY:

In the 1950s when Reclamation built the Cachuma Project, clay (tile) pipe or other materials such as concrete pipe were utilized in gravity flow systems as drains. Plastic or PVC pipe were not commonly used because they had not become popular as they are today for this type of use. As you know when you look at the Santa Barbara architecture, clay tiles were commonly used as a roofing material so you would expect clay as a material for pipes. These clay pipes such as was encountered in use at the Glen Anne Turn Out can also be found at all the facilities that COMB manages for Reclamation that would also include the toe drains in many of the dams. These pipes work good in leach fields with open joints and drainage pipe with bell and spigots. Clay pipe does not rust like metal pipe, corrode like concrete pipe, or melt like plastic pipe and clay is very acid resistant, but they are very brittle and reinforcing material like you would find in concrete pipe is not utilized. With clay pipe, if the bells are place on a flat bottom trench, the load of the pipe will crack them and special consideration by digging out under each bell is required to prevent these point loads. If movement of the soil occurs, the pipe that passes through the soil will crack easily.

At the Glen Anne Turn Out there used to be trees up at the top of hill and they were killed in the fires years ago. These trees were not properly cut and removed and when they fell they caused the soil to move and the clay pipes to crack. Normally since these are storm water drains and would only have water passing through them during rain events, these small cracks would not have caused a problem. A process drain was connected to this storm water system and water was present continuously for over ten years. This water continuously leached out into the surrounding soil and caused the slope failure of the hillside that put the South Coast Conduit at risk.

Since these pipes were buried, moisture at the surface was not observed. Also the vegetation that was allowed to grow over the hillside for the past 60 years hid the movement of the soil and the pipes were not able to be properly inspected. When the vegetation was removed this past year the magnitude of the slide was realized and Reclamation required that we repair this area before further damage could occur.

COMB staff has not observed this type of situation at the other locations of our system, but they are very aware of the potential impact it can have and are closely monitoring for this type of occurrence. COMB has cast iron pipe that is in need of repair at Ortega and the sump pump discharge line in the lower chamber of the North portal is leaking and both are scheduled to be replaced this year.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

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N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Informational item only.

LIST OF EXHIBITS:

N/A

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	October 22, 2012
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

SUBJECT: Update of CIP (Capital Improvement Plan)

SUMMARY:

This month we had a very productive meeting with some of the managers concerning the COMB's development of a CIP. The key outcome brought up by Rebecca Bjork of the City of Santa Barbara was that COMB cannot develop a meaningful CIP without direction from the member agencies. Direction on if Upper Reach Storage is going to be developed by individual member agencies or if COMB needs to provide this storage needs to be decided by the members and not COMB.

If the hydraulic limitation that was created at the Corona Del Mar Turn Out is going to be corrected, that would reduce the need for the Second Barrel Project or delay it for many years. This action would have a significant change to the outcome of the CIP. The modifications that were made at Goleta Water District's request to meet head requirements of their water treatment plant were never approved by Reclamation (No MP 620 was requested or issued) and Reclamation could require the structure to be modified again.

Montecito Water District has requested that the replacement of the Air/Vac Valves to meet Public Health Standards be performed as a joint effort of MWD and COMB staff this winter and this portion of work would not show up on the CIP. These are just some of the variables that COMB is working with to complete the CIP.

If inspection of the inside of the pipe that was damaged years ago at the Mission Creek Crossing finds that pipe is not damaged as reported, the replacement of this section of pipe may be determined by the policy of the Board to accommodate fish passage in this section of Mission Creek.

These are just some of the factors that would determine the final CIP.

Attached is a draft of a spreadsheet reviewed at the last meeting with the managers of potential projects that may end up on the CIP.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

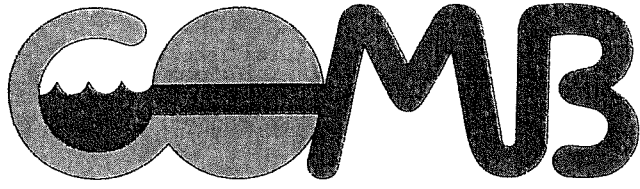
Informational item only.

LIST OF EXHIBITS:

N/A

Projects	FY 2013-2014	FY 2014-2015	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021	FY 2021-2022	FY 2022-2023	FY 2023-2024	FY 2024-2025	FY 2025-2026	FY 2026-2027	Total
Q Crossing No. 1	\$100,000														\$100,000
Lower Reach Air Vac Valve/ Blowoff Valve Replacement Program	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000									\$450,000
Q Crossing No. 3		\$100,000													\$100,000
Q Crossing No. 4			\$100,000												\$100,000
Right-of-Way Management Program	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000					\$750,000
North Portal/ Lake Intake Tower	\$50,000	\$250,000													\$300,000
Mission Creek Crossing	\$1,000,000														\$1,000,000
Q Crossing No. 5				\$100,000											\$100,000
Q Crossing No. 8					\$100,000										\$100,000
Sheffield Tunnel Pipeline		\$900,000													\$900,000
Q Crossing No. 9							\$100,000								
Glen Anne Reservoir															
Upgrades		\$1,000,000	\$1,000,000												\$2,000,000
Upper Reach Corona Del Mar Turnout			\$400,000												\$400,000
Modifications															
Tecolote Tunnel Repairs			\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,400,000
Upper Reach Pipeline Lining and Creek Crossing Stabilization			\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$14,400,000
Lower Reach Lining and Creek Crossing Stabilization				\$720,000	\$720,000	\$720,000	\$720,000	\$720,000	\$720,000	\$720,000	\$720,000	\$720,000	\$720,000	\$720,000	\$7,920,000
Upper Reach Second Barrel Project from Glen Anne Turnout to Corona Del Mar Turnout (6 year			\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$7,200,000
Turnout)			\$3,570,000	\$3,570,000	\$3,570,000	\$3,570,000	\$3,395,000	\$3,395,000	\$3,395,000	\$2,195,000	\$2,120,000	\$2,120,000	\$2,120,000	\$2,120,000	\$38,320,000
Total	\$0	\$1,300,000	\$2,400,000	\$3,050,000	\$3,570,000	\$3,570,000	\$3,395,000	\$3,395,000	\$3,395,000	\$2,195,000	\$2,120,000	\$2,120,000	\$2,120,000	\$2,120,000	\$7,200,000

FYI



CACHUMA OPERATION AND MAINTENANCE BOARD

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September 26, 2012

The Honorable Jerry Brown
Governor of California
c/o State Capitol, Suite 1173
Sacramento, CA 95814

RE: AB 2443 Quagga and Zebra Mussel Infestation Prevention Program

Dear Governor Brown,

On behalf of the Cachuma Operation and Maintenance Board (COMB), I am writing to thank you for signing AB 2443 into law.

AB 2443, introduced by our Assembly Member, Das Williams, will help to prevent the infestation of invasive aquatic species, particularly quagga and zebra mussels, in state bodies of water and help with eradication efforts where these species have already become established.

This is a matter of great consequence to COMB. Our agency operates and maintains an extensive water conveyance system, part of the Cachuma Project, which is owned by the US Bureau of Reclamation. Lake Cachuma is the primary source of water for the South Coast of Santa Barbara County, serving approximately 200,000 residents and numerous agricultural and ranching interests.

If quagga or zebra mussels were to infest Lake Cachuma, eradication efforts would be a significant logistical challenge because the lake is a drinking water supply. Such an infestation would have an adverse impact on all of the facilities of the Cachuma Project and would introduce enormous cost and uncertainty into our operations. Eradication efforts in other areas have been shown to create ongoing economic burdens which are orders of magnitude greater than the cost of effective monitoring and prevention. Those costs in our area would have to be borne by the ratepayers of the local water districts which are the member units of COMB.

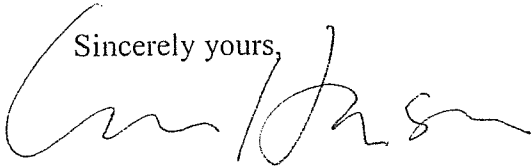
Twenty-six of California's approximately four hundred lakes have already reported the presence of quagga or zebra mussels and their spread cannot go unchecked. Without AB 2443, prevention plans would likely have gone unimplemented or remained underfunded, putting the whole state at risk of infestation.

*Carpinteria Valley Water District
City of Santa Barbara
Goleta Water District
Montecito Water District*

*Santa Ynez River Water Conservation District, Improvement District #1
General Manager/Secretary of the Board, Bruce A. Mowry Ph.D, P.E.*

The Cachuma Operation and Maintenance Board is proud to have been an early supporter of AB 2443. We thank you for signing into law this significant piece of legislation which will benefit our entire state.

Sincerely yours,

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

Lauren Hanson
President of the Board

cc: Assembly Member Das Williams
COMB board members