

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

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

Monday, August 27, 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 July 23, 2012 Regular Board Meeting and August 6, 2012 Special Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
 - Expenses By Vendor
 - d. Approval to Pay Sales Tax on the Purchase of the Bottomless Arch Culvert for the Quiota Creek 7 Project
- 4. BOARD COMMITTEE APPOINTMENTS FOR FY 2012-13**
 - a. Administrative (Finance, Personnel, Legal)
 - b. Operations Division
 - c. Fisheries Division
 - d. Public Outreach
- 5. CONSIDER APPROVAL OF A PROJECT LIST FOR PROPOSITION 84 GRANT FUNDING**
Action: Recommend approval and vote of the Board
- 6. GENERAL COUNSEL REPORT**
 - a. Recent Suspension of Brown Act Requirements By California Legislature [2012 Budget Act]

Action: Recommend approval and vote of the Board on Continuing Compliance With Brown Act Requirements Despite Budget Act Suspension of Requirements

7. PROGRESS REPORT ON OUTREACH PROGRAM WITH LAUREL CANYON NEIGHBORS
8. PROGRESS REPORT ON CACHUMA LAKE OAK TREE PROGRAM
 - a. Oak Tree Restoration Plan
 - b. Projected Costs for Fiscal Year 2013
9. REPORT ON MODIFIED SCC UPPER REACH RELIABILITY PROJECT
 - a. MURRP Progress Report
 - b. MURRP Expenditures
10. REPORT ON QUIOTA CREEK CROSSING 7 FISH PASSAGE IMPROVEMENT PROJECT
11. REPORT ON SEPTIC TANK INSTALLED NEAR THE SCC MODIFIED UPPER REACH RELIABILITY PROJECT
12. REPORT ON DIABLO CREEK/LAURO DEBRIS BASIN WATER SOURCE
13. CONVEYANCE SYSTEM OPERATIONS PROGRAM REPORT
14. FISHERIES PROGRAM REPORT
15. REPORTS FROM THE MANAGER
 - a. Cachuma Water Reports
 - b. Cachuma Reservoir Current Conditions
 - c. Lake Cachuma Quagga Survey
 - d. Verbal – Bureau Visits
16. DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING
17. [CLOSED SESSION]:
 - a. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
 - (1) SIGNIFICANT EXPOSURE TO LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9 (b) One case
 - (2) 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

18. MEETING SCHEDULE

- September 24, 2012 at 2:00 P.M., COMB Office
- Board Packages Available on COMB Website
www.cachuma-board.org

19. 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, July 23, 2012**

1. Call to Order, Roll Call

The meeting was called to order at 2:00 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
Karen Carroll	John McInnes
Tim Robinson	John Oshiro
Tim Cloherty	Vernon Bugh
Phil Walker	Janet Gingras
Ruth Snodgrass	Adelle Capponi
Chris Dahlstrom	Melinda Fournier

President Hanson announced that Item #17c would be considered after public comment and Item #10 and #11 would switch order.

2. Public Comment

Phil Walker thanked staff for the tour of the Modified Upper Reach Reliability Project. He also made comments on the drought in much of the country.

17 c. Laurel Canyon Neighbors Concerns and Use of COMB's Yard

General Manager Bruce Mowry reported that there has been some concern from the neighbors along Laurel Canyon Road in regards to the excess soil added to the side of Lauro yard, truck traffic along the road and the condition of the road itself. He also suggested that COMB staff have a public outreach program to meet with the neighbors to discuss the ongoing master planning of our facility.

Tim Cloherty, Laurel Canyon Road neighbor expressed his concerns regarding the fill dirt added to the Lauro yard adjacent to his property.

Vern Bugh, Laurel Canyon Road neighbor stated that he would appreciate an outreach program to notify the neighbors on any major changes and also his concerns of the condition of the road.

John Oshiro, Laurel Canyon Road neighbor, expressed his desire that COMB promote and continue good relations with the neighbors as has been the case for years.

Melinda Fournier commented on this item.

President Hanson stated that a progress report on the Neighbors Outreach Program should be added to the agenda for the August Board meeting.

3. Consent Agenda

a. Minutes:

May 21, 2012 and June 25, 2012 Regular Board Meetings and June 29, 2012, July 6, 2012 and July 11, 2012 Special Board Meetings

Director Francisco requested that the minutes from the July 6 and July 11 meetings be considered separately as he was not able to attend those meetings. President Hanson reported that Alternate Director Karen Carroll approved the change in her statement from the May 21, 2012 minutes and the addition to the July 6, 2012 minutes reflected that Director Francisco did not teleconference into the meeting.

Director Beebe moved to approve the minutes of May 21, 2012, June 25, 2012 and June 29, 2012 as presented, seconded by Director Lieberknecht, passed 7/0/0.

Director Beebe moved to approve the minutes of July 6, 2012 and July 11, 2012 as presented, seconded by Director Morgan, passed 5/0/2, Director Francisco abstained.

b. Investment Funds

Financial Report
Investment Report

c. Payment of Claims

During discussion of the Payment of Claims an item regarding the purchase of tires for an easement from Tom Brown was noticed. Legal Counsel stated that the easement needed to come before the Board for approval and the Board directed General Manager Bruce Mowry to provide a detailed explanation of the purchase of tires.

Director Morgan moved to approve the Investment Funds and the Payment of Claims as presented in the consent agenda, seconded by Director Lieberknecht, passed 7/0/0.

4. Approval of Purchase Orders/Contracts over \$10,000

a. TechnoFlo - \$13,958.33

b. Otis Elevator Company - \$8,400.00

c. Otis Elevator Company - \$260.00 per month

General Manager Bruce Mowry requested that the Board approve three purchase orders, one from TechnoFlo for \$13,958.33 and two for Otis Elevator Company, \$8,400.00 and a maintenance contract for \$260.00 per month.

Director Francisco moved to authorize the General Manager to execute purchase orders for TechnoFlo Systems and Otis Elevator Company as presented, seconded by Director Morgan, passed 6/0/1, Director Beebe abstained.

5. Fiscal Year 2012-13 Elections and Appointments of Cachuma Operation & Maintenance Board

Director Beebe nominated Director Hanson for President, seconded by Director Morgan; Director Francisco nominated Director Morgan for President, there was no second, motion died. Director Hanson was elected President of the Board, 5/2/0, Director Francisco voted no.

Director Lieberknecht nominated Director Morgan for Vice President, seconded by Director Beebe, passed 7/0/0.

Director Beebe moved to appoint all those currently serving positions c – f to be appointed for FY 2012/2013, seconded by President Hanson, passed 7/0/0.

- ACWA/JPIA Representative and Alternate, Director Lieberknecht and Bruce Mowry as alternate
- General Counsel, Tony Trembley, Musick, Peeler & Garrett LLP
- Secretary of the Board, General Manager Bruce Mowry
- Treasurer and Auditor-Controller, Administrative Manager Janet Gingras

No appointment for Assistant Secretary of the Board was made, pending further information.

6. Proposed Annual Resolutions

The Resolutions included in the board packet are basic housekeeping items to be considered each year when the Board holds its annual organizational meeting. These are identical to the resolutions presented to the Board in the past, and supersedes those resolutions where noted.

- a. Resolution No. 544 Adopting an Annual Statement of Investment Policy
- b. Resolution No. 545 Establishing a Supplemental Account Agreement for Telephone Transfers
- c. Resolution No. 546 Authorizing Signatories for Revolving Fund Account at Santa Barbara Bank and Trust
- d. Resolution No. 547 Authorizing Investment of Monies in the Local Agency Investment Fund
- e. Resolution No. 548 Establishing a Check Signing Policy for General Fund Account for Payment of Claims
- f. Resolution No. 549 Authorizing Signatories for General Fund Account at Santa Barbara Bank & Trust

- g. Resolution No. 550 Establishing a Check Signing Policy for Cachuma Project Trust Fund and Master Contract Renewal Fund Accounts for Payment of Claims
- h. Resolution No. 551 Authorizing Signatories for Trust Fund and Renewal Fund Accounts at Santa Barbara Bank and Trust
- i. Resolution No. 552 Establishing Time and Place for Board Meetings

Director Morgan moved to approve Resolutions 544 through 552, seconded by Director Francisco.

The motion passed by a roll call vote:

Ayes: Beebe, Francisco, Hanson, Lieberknecht, Morgan

Nayes: None

Absent/Abstain: None

7. Consider Approval for Selection of Bartlett Pringle Wolf, LLP to Perform Fiscal Year 2011-2012 Audit

Included in the board packet was an engagement letter from Bartlett Pringle Wolf, LLP to serve as the outside auditor for FY ending June 30, 2012.

Director Beebe moved to approve the selection of Bartlett Pringle Wolf, LLP to perform the Fiscal Year 2012-2013 financial audit, seconded by Director Francisco, passed 7/0/0.

8. Consider Resolution No. 553 to Adopt a Policy, Pursuant to Government Code Section 54956.96(a), That Allows an Agency Member of COMB to Disclose in its Closed Session Confidential Information Learned by the Member Agency's Representative in a COMB Closed Session if the Matter Considered Would Have Direct Financial or Liability Implications for the Local Agency

Director Beebe and Counsel Tony Trembley highlighted Resolution 553 for the Board. The Brown Act specifies that a Joint Powers Agency may adopt a policy authorizing the disclosure of confidential closed session information that has direct financial or liability implications to its local agency members. Approval of this Resolution by the COMB Board would allow the legislative body of a local agency member, upon the advice of its legal counsel, may conduct a closed session in order to receive, discuss, and take action concerning information obtained in a closed session of COMB.

Director Beebe moved to approve Resolution 553, seconded by Director Francisco.

The motion passed by a roll call vote:

Ayes: Beebe, Francisco, Hanson, Lieberknecht, Morgan

Nayes: None

Absent/Abstain: None

At 3:23 P.M. the Board took a short break and resumed the meeting at 4:30 P.M.

9. Consider Approval of a Memorandum of Understanding (MOU) with the County of Santa Barbara for Proposition 84 Process Related to Integrated Regional Water Management (IRWM) Activities

General Manager Bruce Mowry reported that the MOU sets the mutual responsibilities of the Cooperating Partners and Project Proponents in the existing comprehensive IRWM Plan. Approval of this MOU would allow COMB's continued participation in the state-wide Proposition 84 process.

Director Beebe moved approval of the Memorandum of Understanding Participation in the State-wide Proposition 84 process and related Integrated Regional Water Management Activities in Santa Barbara County in order to continue participation in the process, seconded by Director Francisco, passed 7/0/0.

The Board next considered Item 11 then Item 10

10. Consider Approval of Professional Services Agreement and Scopes of Work/Task Orders for Fisheries Related Consultant Work

Included in the board packet were the Scopes of Work and Task Orders for Fisheries related consultant work. Director Morgan requested that more detail be added to the Scopes of Work and Task Orders. He would like to work with Tim Robinson in developing these Scopes and Task Orders. The Board delayed approval at today's meeting and would consider approval at a later meeting after more detail has been added.

11. Progress Report on Cachuma Lake Oak Tree Work Plan

The update on the Lake Cachuma Oak Tree Restoration Program prepared by Tim Robinson was included in the board packet. He reported that COMB staff had completed the watering, weeding and general maintenance for the first three weeks of July and that an oak tree specialist has been selected to provide professional guidance for the program.

Director Beebe stated that he is still uncomfortable with the Plan and would address his concerns in a letter to COMB.

12. Consider Approval of Comment Letter on Solvang's Water Master Plan Update DEIR

Included in the board packet was a comment letter on COMB's position with regard to the placement of Solvang's proposed wells. Director Beebe expressed his concern that Solvang's wells do not concern COMB and the letter would be inappropriate to send.

Director Beebe moved not to send the DEIR comment letter, seconded by Director Morgan, passed 5/0/2 Director Francisco abstained.

13. Report on Modified SCC Upper Reach Reliability Project

The monthly report prepared by David Baum was included in the board packet. The underground pipe has been installed and backfilled except for approximately 37 feet connecting the existing pipe to the new South Portal Junction Structure. Work this last month also included construction of a structural fill slope to repair a slide along the Glen Annie Turnout access road and the construction on a gravity block retaining wall at the toe of the fill slope to provide added protection against future slides.

14. Report on Permitting Status and Regulatory Compliance of Septic System Installed in the Vicinity of Modified Upper Reach Reliability Project

General Manager Bruce Mowry reported on the permitting status and regulatory compliance of the septic system installed in the vicinity of the Modified Upper Reach Project. Mr. Mowry was directed to contact the Santa Barbara County Environmental Health Department to find out if COMB meets County standards and report back to the Board at the August meeting. Mr. Mowry also needs to include the cost of keeping the septic tank in place, cost of adding a building for a restroom and whether it is cost effective over renting a porta-potty.

15. Conveyance System Operations Program Report

General Manager, Bruce Mowry highlighted the monthly report. The Board requested additional information on the Lauro Debris Basin water and suggested that it be a separate agenda item for the August meeting.

16. Fisheries Program Report

Tim Robinson highlighted the monthly report for the Fisheries Program. Mr. Robinson reported that the contract for Quiota Creek Crossing 7 construction and the purchase order for the bottomless arched culvert are being reviewed by legal counsel and will be brought to the COMB Board as soon as possible. The Board scheduled a Special Board meeting for Monday, August 6, 2012 at 10:00 a.m. to consider the contract, purchase order and payment of County fees for the Quiota Creek Crossing 7 Project.

17. Reports From the Manager

- a. **Cachuma Reservoir Current Conditions**
The daily operations report for Lake Cachuma through July 18, 2012 was included in the board packet.
- b. **Lake Cachuma Quagga Survey**
The County's summary of Aquatic Invasive Species Inspection Program for June 2012 was included in the board packet.
- c. **Laurel Canyon Neighbors Concerns and Use of COMB's Yard**
This item was considered after Public Comment.

18. Directors' Request for Agenda Items for Next Meeting

Director Beebe requested an update on the Oak Tree Plan and Counsel Tony Trembley requested a report on a Brown Act Development be added to the next agenda.

19. [Closed Session]: Conference with Legal Counsel – Anticipated Litigation

a. Significant Exposure to Litigation Pursuant to Government Code Section 54956.9 (b): One case

Tony Trembley announced that the Board would adjourn into closed session, conference with legal counsel. Significant Exposure to Litigation pursuant to Government Code Section 54956.9 (b): one case: removal of excess fill over the South Coast Conduit at 1215 Franklin Ranch Road, Goleta, CA, landowners Jessica and Andrew Brown, County LUP Appeals Case #, 07 LUP-00000-00830.

The Board went into closed session at 6:36 p.m. and came out of closed session at 6:54 p.m. There was no action to report out of closed session.

15. Meeting Schedule

- The next regular Board meeting will be held August 27, 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 6:54 p.m.

Respectfully submitted,

Bruce Mowry, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

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

held at
3301 Laurel Canyon Road
Santa Barbara, CA

Monday, August 6, 2012

Note: This is a special meeting of the Governing Board called in accordance with Government Code Section 54956. Other than the listed agenda items, no other business will be conducted by the Governing Board.

1. Call to Order, Roll Call

The meeting was called to order at 10:03 a.m. by President Lauren Hanson, who chaired the meeting. Those in attendance were:

Directors Present:

Lauren Hanson	Goleta Water District
Doug Morgan	Montecito Water District
Robert Lieberknecht	Carpinteria Valley Water District
Dennis Beebe	SYR Conservation Dist ID#1
Dale Francisco	City of Santa Barbara

Others present

Bruce Mowry	Tony Trembley
Ruth Snodgrass	Janet Gingras
Tim Robinson	Charles Hamilton
David Baum	

2. Public Comment

There were no comments from the public.

3. Fish Passage Improvement on Crossing 7, Quiota Creek Project

General Manager, Bruce Mowry stated that staff is recommending that the Board consider awarding the construction contract to Peter Lapidus Construction, approve the purchase order to Contech Engineered Solutions, LLC for the bottomless arched culvert and consider approval of the payment of fees to the County of Santa Barbara for the Encroachment Permits for Crossing 7 Quiota Creek Project.

a. Award Construction Contract to Peter Lapidus Construction, Inc.

Director Francisco moved to approve entering into a contract with Peter Lapidus Construction Inc, in the amount of \$526,974.00 for the construction of the Quiota Creek Crossing 7 Project, to start in the fall of 2012, upon receiving design approval from NMFS and the County, all permits, and the Letter to Proceed from California Department of Fish and Game, seconded by Director Morgan.

Passed by a roll call vote 6/1/0:

Ayes: Francisco, Lieberknecht, Hanson, Morgan

Nays: Beebe

Abstain/Absent: None

b. Consider Approval for Purchase from Contech Engineered Solutions, LLC of a Bottomless Arch Culvert

Director Morgan moved to approve the Purchase Order to Contech Engineered Solutions, in the amount of \$150,157.16 for the prefabricated bottomless arched culvert for Quiota Creek Crossing 7 Project, seconded by Director Francisco.

Passed by a roll call vote 6/1/0:

Ayes: Francisco, Lieberknecht, Hanson, Morgan

Nays: Beebe

Absent/Abstain: None

c. Consider approval of Payment of Fees to the County of Santa Barbara for the Encroachment Permits

Director Francisco moved to approve the payment of a maximum not to exceed \$20,745 to the County of Santa Barbara for the Encroachment Permits, seconded by Director Morgan.

Passed by a roll call vote 6/1/0:

Ayes: Francisco, Lieberknecht, Hanson, Morgan

Nays: Beebe

Absent/Abstain: None

4. Consider Approval of Professional Services Agreements and Scopes of Work/Task Orders for Fisheries Related Consultant Work FY 2012-13

President Hanson reported that the Board would consider approval of the first four consultants listed. Stetson Engineers and Hanson Environmental, Inc. are contracts that are held by ID#1 and will invoice COMB for work performed. Director Morgan reported on his meeting with staff reviewing these Scopes of Work/Task Orders. He requested that the wording on Task 1302 of Cardno ENTRIX be changed to reflect that Ms. Baldrige will 'assist' COMB monitoring the AMC instead of 'representative' on the AMC.

- **Kenneth A. Knight, Consulting**
- **Northwest Hydraulic Consultants**

- **HDR Fisheries Design Center**
- **Cardno ENTRIX**

Director Morgan moved to approve the Professional Services Agreements and Scopes of Work/Task Orders for Kenneth A. Knight, Northwest Hydraulic Consultants, HDR Fisheries Design Center and Cardno ENTRIX with the changes to Task 1302, seconded by Director Francisco.

Passed by a roll call vote 6/1/0:

Ayes: Francisco, Lieberknecht, Hanson, Morgan

Nays: Beebe

Absent/Abstain: None

- **Stetson Engineers**
- **Hanson Environmental, Inc.**

These were included for information.

5. Status of North Portal Elevator/Service Contracts

Legal Counsel, Tony Trembley reported that COMB currently has a contract with Republic Elevator for services which can be renewed in 5 year increments. The current contract expires in 2016. Staff was unaware of this when the Board approved to enter into a contract with Otis for the service contract. The service contract will remain with Republic Elevator at this time.

6. [Closed Session]: Conference with Legal Counsel – Anticipated Litigation **a. Significant Exposure to Litigation Pursuant to Government Code Section 54956.9 (b): One case**

Legal Counsel, Tony Trembley announced that the Board would adjourn into closed session, conference with legal counsel. Significant Exposure to Litigation pursuant to Government Code Section 54956.9 (b): One case: Removal of excess fill over the South Coast Conduit at 1215 Franklin Ranch Road, Goleta, CA., landowners Jessica and Andrew Brown, County LUP Appeals Case#, 07 LUP-00000-00830.

The Board went into closed session at 11:45 a.m. and came out of closed session at 11:49 a.m. There was no action to report out of closed session.

7. COMB Adjournment

There being no further business, the meeting was adjourned at 11:49 a.m.

Respectfully submitted,

Bruce Mowry, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

sec.comb/boardminutes/08.06.2012COMB Minutes.doc

ITEM # 3a
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COMB
Statement of Net Assets
As of July 31, 2012

ASSETS

Current Assets

Checking/Savings

TRUST FUNDS

1210 · WARREN ACT TRUST FUND 61,750.28

1220 · RENEWAL FUND 10,134.63

Total TRUST FUNDS 71,884.91

1050 · GENERAL FUND 320,171.23

1100 · REVOLVING FUND 197,002.43

Total Checking/Savings 589,058.57

Other Current Assets

1010 · PETTY CASH 400.00

1200 · LAIF 3,872.06

1303 · Bradbury SOD Act Assmnts Rec 66,328.00

1304 · Lauro Dam SOD Assesmnt Rec 12,089.00

1305 · ACCRUED INTEREST RECEIVABLE 65.00

1308 · Prop 50 Grant Receivable 1,979,475.70

1400 · PREPAID INSURANCE 12,860.72

1401 · W/C INSURANCE DEPOSIT 6,529.00

Total Other Current Assets 2,081,619.48

Total Current Assets 2,670,678.05

Fixed Assets

1500 · VEHICLES 412,962.06

1505 · OFFICE FURN & EQUIPMENT 346,249.32

1510 · MOBILE OFFICES 97,803.34

1515 · FIELD EQUIPMENT 447,612.64

1525 · PAVING 22,350.00

1550 · ACCUMULATED DEPRECIATION -1,092,434.64

Total Fixed Assets 234,542.72

Other Assets

1910 · LT Bradbury SOD Act Assess Rec 5,557,253.07

1920 · LT Lauro SOD Act Assess Rec 992,518.00

Total Other Assets 6,549,771.07TOTAL ASSETS 9,454,991.84

COMB
Statement of Net Assets
As of July 31, 2012

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

2200 · ACCOUNTS PAYABLE

2,186,509.50

Total Accounts Payable

2,186,509.50**Other Current Liabilities**

Payroll-DepPrm Admin

102.31

Payroll-DepPrm FD

2.31

Payroll-DepPrm Ops

59.24

2550 · VACATION/SICK

51,242.30

2560 · CACHUMA ENTITLEMENT

0.02

2561 · BRADBURY DAM SOD ACT

66,328.61

2562 · SWRCB - WATER RIGHTS FEE

0.90

2563 · LAURO DAM SOD ACT

12,089.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

71,884.91

Total Other Current Liabilities

288,717.60

Total Current Liabilities

2,475,227.10

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury

5,557,253.07

2603 · LT SOD Act Liability - Lauro

992,518.00

2604 · OPEB LT Liability

189,568.00

Total Long Term Liabilities

6,739,339.07

Total Liabilities

9,214,566.17

NET ASSETS

3901 · Retained Net Assets

-132,596.31

Net Income

373,021.98

Total Net Assets

240,425.67**TOTAL LIABILITIES & NET ASSETS**9,454,991.84**Note:**

This statement does not reflect AJE's from FYE 6/30/2012

Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2012-Jun 2013

	Fisheries			Operations			TOTAL		
	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget
Income									
3000 REVENUE	107,336.00	813,727.00	13.2%	527,928.00	3,147,450.00	16.8%	635,264.00	3,961,177.00	16.0%
3001 - O&M Budget (Qtrly Assessments)	0.00	-706,391.00	0.0%	0.00	-2,619,522.00	0.0%	0.00	43,559.00	0.0%
3006 - Warren Act	0.00	-43,559.00	0.0%	0.00	0.00	0.0%	0.00	219,770.00	0.0%
3007 - Renewal Fund	0.00	219,770.00	0.0%	0.00	33.22	0.0%	33.22	0.00	100.0%
3010 - Interest Income	0.00	840,419.00	0.0%	0.00	2,000,000.00	0.0%	0.00	840,419.00	0.0%
3021 - Grant Income	0.00	90,000.00	0.0%	0.00	-2,000,000.00	0.0%	0.00	2,000,000.00	0.0%
3023 - Prop 50 Grant Income	0.00	2,007,475.00	5.3%	527,961.22	5,147,450.00	10.3%	635,297.22	7,154,925.00	8.9%
3035 - Cachuma Project Betterment Fund	0.00	2,007,475.00	5.3%	527,961.22	5,147,450.00	10.3%	635,297.22	7,154,925.00	8.9%
Total 3000 REVENUE	107,336.00	2,007,475.00	5.3%	527,961.22	5,147,450.00	10.3%	635,297.22	7,154,925.00	8.9%
Total Income	107,336.00	2,007,475.00	5.3%	527,961.22	5,147,450.00	10.3%	635,297.22	7,154,925.00	8.9%
Gross Profit	107,336.00	2,007,475.00	5.3%	527,961.22	5,147,450.00	10.3%	635,297.22	7,154,925.00	8.9%
Expense									
PAYROLL	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
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	0.00	8,064.58	0.0%	8,064.58	0.00	0.0%	8,064.58	0.00	100.0%
3101-E - Engineer	0.00	1,421.64	0.0%	1,421.64	0.00	0.0%	1,421.64	0.00	100.0%
3101-H - Holiday Leave	0.00	762.37	0.0%	762.37	0.00	0.0%	762.37	0.00	100.0%
3101-S - Sick Leave	0.00	2,418.22	0.0%	2,418.22	0.00	0.0%	2,418.22	0.00	100.0%
3101-V - Vacation Leave	0.00	276.85	0.0%	276.85	0.00	0.0%	276.85	0.00	100.0%
3102 - Meter Reading	0.00	9,462.34	0.0%	9,462.34	0.00	0.0%	9,462.34	0.00	100.0%
3103 - SCC Ops	0.00	499.91	0.0%	499.91	0.00	0.0%	499.91	0.00	100.0%
3105 - SCADA	0.00	681.61	0.0%	681.61	0.00	0.0%	681.61	0.00	100.0%
3106 - Rodent Bait	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3107 - NORTH PORTAL	0.00	277.20	0.0%	277.20	0.00	0.0%	277.20	0.00	100.0%
3107-1 - NP INTAKE TOWER	0.00	119.72	0.0%	119.72	0.00	0.0%	119.72	0.00	100.0%
3107-1b - Cleaning	0.00	396.92	0.0%	396.92	0.00	0.0%	396.92	0.00	100.0%
3107-1f - Operations	0.00	396.92	0.0%	396.92	0.00	0.0%	396.92	0.00	100.0%
Total 3107-1 - NP INTAKE TOWER	0.00	396.92	0.0%	396.92	0.00	0.0%	396.92	0.00	100.0%
Total 3107 - NORTH PORTAL	0.00	289.89	0.0%	289.89	0.00	0.0%	289.89	0.00	100.0%
3108 - GLEN ANNE	0.00	289.89	0.0%	289.89	0.00	0.0%	289.89	0.00	100.0%
3108-1 - GA SOUTH PORTAL	0.00	289.89	0.0%	289.89	0.00	0.0%	289.89	0.00	100.0%
3108-1g - Road	0.00	590.70	0.0%	590.70	0.00	0.0%	590.70	0.00	100.0%
Total 3108-1 - GA SOUTH PORTAL	0.00	64.41	0.0%	64.41	0.00	0.0%	64.41	0.00	100.0%
3108-2 - GA RESERVOIR	0.00	655.11	0.0%	655.11	0.00	0.0%	655.11	0.00	100.0%
3108-2d - Weed Management	0.00	1,663.75	0.0%	1,663.75	0.00	0.0%	1,663.75	0.00	100.0%
3108-2f - Operations	0.00	209.51	0.0%	209.51	0.00	0.0%	209.51	0.00	100.0%
Total 3108-2 - GA RESERVOIR	0.00	1,873.26	0.0%	1,873.26	0.00	0.0%	1,873.26	0.00	100.0%
3108-4 - GA TURNOUT	0.00	2,818.26	0.0%	2,818.26	0.00	0.0%	2,818.26	0.00	100.0%
3108-4a - Maintenance	0.00	3,122.27	0.0%	3,122.27	0.00	0.0%	3,122.27	0.00	100.0%
3108-4e - Landscaping	0.00	980.00	0.0%	980.00	0.00	0.0%	980.00	0.00	100.0%
Total 3108-4 - GA TURNOUT	0.00	4,102.27	0.0%	4,102.27	0.00	0.0%	4,102.27	0.00	100.0%
Total 3108 - GLEN ANNE	0.00	3,122.27	0.0%	3,122.27	0.00	0.0%	3,122.27	0.00	100.0%
3110 - LAURO	0.00	980.00	0.0%	980.00	0.00	0.0%	980.00	0.00	100.0%
3110-1 - YARD	0.00	4,102.27	0.0%	4,102.27	0.00	0.0%	4,102.27	0.00	100.0%
3110-1a - Maintenance	0.00	3,122.27	0.0%	3,122.27	0.00	0.0%	3,122.27	0.00	100.0%
3110-1b - Cleaning	0.00	980.00	0.0%	980.00	0.00	0.0%	980.00	0.00	100.0%
Total 3110-1 - YARD	0.00	4,102.27	0.0%	4,102.27	0.00	0.0%	4,102.27	0.00	100.0%
3110-2 - CONTROL STATION	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2012-June 2013

Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget
3110-2h · Inspection	0.00	51.74		51.74	0.00		51.74	0.00	100.0%
Total 3110-2 · CONTROL STATION	0.00	51.74		51.74	0.00		51.74	0.00	100.0%
3110-3 · RESERVOIR	0.00	142.50		142.50	0.00		142.50	0.00	100.0%
3110-3d · Weed Management	0.00	85.88		85.88	0.00		85.88	0.00	100.0%
3110-3e · Landscaping	0.00	64.41		64.41	0.00		64.41	0.00	100.0%
3110-3f · Operations	0.00	292.79		292.79	0.00		292.79	0.00	100.0%
Total 3110-3 · RESERVOIR	0.00	1,228.75		1,228.75	0.00		1,228.75	0.00	100.0%
3110-4 · DEBRIS BASINS	0.00	1,228.75		1,228.75	0.00		1,228.75	0.00	100.0%
3110-4a · Maintenance	0.00	1,228.75		1,228.75	0.00		1,228.75	0.00	100.0%
Total 3110-4 · DEBRIS BASINS	0.00	5,675.55		5,675.55	0.00		5,675.55	0.00	100.0%
Total 3110 · LAURO	0.00	5,675.55		5,675.55	0.00		5,675.55	0.00	100.0%
3113 · ORTEGA	0.00	647.02		647.02	0.00		647.02	0.00	100.0%
3113-2 · RESERVOIR	0.00	47.50		47.50	0.00		47.50	0.00	100.0%
3113-2d · Weed Management	0.00	694.52		694.52	0.00		694.52	0.00	100.0%
3113-2h · Inspection	0.00	694.52		694.52	0.00		694.52	0.00	100.0%
Total 3113-2 · RESERVOIR	0.00	694.52		694.52	0.00		694.52	0.00	100.0%
Total 3113 · ORTEGA	0.00	694.52		694.52	0.00		694.52	0.00	100.0%
3115 · CARPINTERIA	0.00	214.72		214.72	0.00		214.72	0.00	100.0%
3115-2 · RESERVOIR	0.00	323.94		323.94	0.00		323.94	0.00	100.0%
3115-2a · Maintenance	0.00	47.50		47.50	0.00		47.50	0.00	100.0%
3115-2d · Weed Management	0.00	586.16		586.16	0.00		586.16	0.00	100.0%
3115-2h · Inspection	0.00	586.16		586.16	0.00		586.16	0.00	100.0%
Total 3115-2 · RESERVOIR	0.00	586.16		586.16	0.00		586.16	0.00	100.0%
Total 3115 · CARPINTERIA	0.00	586.16		586.16	0.00		586.16	0.00	100.0%
3117 · CARPINTERIA REACH	0.00	68.04		68.04	0.00		68.04	0.00	100.0%
3117-4 · CONDUIT	0.00	68.04		68.04	0.00		68.04	0.00	100.0%
3117-4f · Operations	0.00	68.04		68.04	0.00		68.04	0.00	100.0%
Total 3117-4 · CONDUIT	0.00	68.04		68.04	0.00		68.04	0.00	100.0%
Total 3117 · CARPINTERIA REACH	0.00	68.04		68.04	0.00		68.04	0.00	100.0%
3118 · Oak Tree Program	0.00	703.08		703.08	0.00		703.08	0.00	100.0%
3150 · Health & Workers Comp	0.00	24,274.88		24,274.88	0.00		24,274.88	0.00	100.0%
3155 · PERS	0.00	89,910.00	13.1%	185,907.00	185,907.00	13.1%	-161,632.12	-161,632.12	13.1%
3160 · Ops Co FICA	0.00	6,295.24	7.0%	89,910.00	89,910.00	7.0%	-83,614.76	-83,614.76	7.0%
3165 · Ops Co Medicare	0.00	2,393.97	7.6%	31,511.00	31,511.00	7.6%	-29,117.03	-29,117.03	7.6%
3100 · LABOR - OPERATIONS - Other	0.00	559.86	7.6%	7,370.00	7,370.00	7.6%	-6,810.14	-6,810.14	7.6%
3100 · LABOR - OPERATIONS	0.00	0.00	0.0%	508,246.00	508,246.00	0.0%	-508,246.00	-508,246.00	0.0%
Total 3100 · LABOR - OPERATIONS	0.00	68,054.00	8.3%	822,944.00	822,944.00	8.3%	-754,890.00	-754,890.00	8.3%
3200 VEH & EQUIPMENT	0.00	1,695.88		1,695.88	30,000.00	5.7%	-28,304.12	-28,304.12	5.7%
3201 · Vehicle/Equip Mfce	0.00	0.00	0.0%	0.00	15,000.00	0.0%	-15,000.00	-15,000.00	0.0%
3202 · Fixed Capital	0.00	119.95	2.4%	5,000.00	5,000.00	2.4%	-4,880.05	-4,880.05	2.4%
3203 · Equipment Rental	0.00	220.30	4.4%	5,000.00	5,000.00	4.4%	-4,779.70	-4,779.70	4.4%
3204 · Miscellaneous	0.00	2,036.13	3.7%	55,000.00	55,000.00	3.7%	-52,963.87	-52,963.87	3.7%
Total 3200 VEH & EQUIPMENT	0.00	2,036.13	3.7%	55,000.00	55,000.00	3.7%	-52,963.87	-52,963.87	3.7%
3300 · CONTRACT LABOR	0.00	0.00	0.0%	20,000.00	20,000.00	0.0%	-20,000.00	-20,000.00	0.0%
3301 · Conduit, Meter, Valve & Misc	0.00	746.89	3.7%	20,000.00	20,000.00	3.7%	-19,253.11	-19,253.11	3.7%
3302 · Buildings & Roads	0.00	0.00	0.0%	10,000.00	10,000.00	0.0%	-10,000.00	-10,000.00	0.0%
3303 · Reservoirs	0.00	0.00	0.0%	10,000.00	10,000.00	0.0%	-10,000.00	-10,000.00	0.0%
3304 · Engineering, Misc Services	0.00	0.00	0.0%	10,000.00	10,000.00	0.0%	-10,000.00	-10,000.00	0.0%
Total 3300 · CONTRACT LABOR	0.00	746.89	1.2%	60,000.00	60,000.00	1.2%	-59,253.11	-59,253.11	1.2%
3400 · MATERIALS & SUPPLIES									

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Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July 2012-June 2013

	Fisheries			Operations			TOTAL		
	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget
3401 - Conduit, Meter, Valve & Misc	0.00	25,000.00	2.9%	716.42	25,000.00	2.9%	716.42	25,000.00	2.9%
3402 - Buildings & Roads	0.00	15,000.00	9.3%	1,389.30	15,000.00	9.3%	1,389.30	15,000.00	9.3%
3403 - Reservoirs	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
Total 3400 - MATERIALS & SUPPLIES	0.00	50,000.00	4.2%	2,105.72	50,000.00	4.2%	2,105.72	50,000.00	4.2%
3500 - OTHER EXPENSES	0.00	7,000.00	7.4%	516.67	7,000.00	7.4%	516.67	7,000.00	7.4%
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	9.3%	1,667.85	18,000.00	9.3%	1,667.85	18,000.00	9.3%
3503 - Communications	0.00	4,000.00	3.9%	156.00	4,000.00	3.9%	156.00	4,000.00	3.9%
3504 - USA & Other Services	0.00	8,000.00	10.5%	838.74	8,000.00	10.5%	838.74	8,000.00	10.5%
3505 - Miscellaneous	0.00	3,000.00	2.3%	70.00	3,000.00	2.3%	70.00	3,000.00	2.3%
3506 - Training	0.00	46,000.00	7.3%	3,357.00	46,000.00	7.3%	3,357.00	46,000.00	7.3%
Total 3500 - OTHER EXPENSES	0.00	46,000.00	7.3%	3,357.00	46,000.00	7.3%	3,357.00	46,000.00	7.3%
4100 - LABOR - FISHERIES	6,404.94	93,817.00	6.8%	0.00	93,817.00	6.8%	6,404.94	93,817.00	6.8%
4101 - Senior Resource Scientist	6,164.37	88,729.00	6.9%	0.00	88,729.00	6.9%	6,164.37	88,729.00	6.9%
4102 - Project Biologist	4,567.58	69,348.00	6.6%	0.00	69,348.00	6.6%	4,567.58	69,348.00	6.6%
4103 - Biologist	2,831.11	15,000.00	0.0%	0.00	15,000.00	0.0%	2,831.11	15,000.00	0.0%
4104 - Oak Tree Program	0.00	15,000.00	1.1%	162.00	15,000.00	1.1%	162.00	15,000.00	1.1%
4114 - Seasonal Aide - JG	0.00	15,000.00	0.7%	101.25	15,000.00	0.7%	101.25	15,000.00	0.7%
4115 - Seasonal Aide - RK	0.00	83,708.00	9.6%	8,025.37	83,708.00	9.6%	8,025.37	83,708.00	9.6%
4116 - Seasonal Aide - DR	0.00	44,220.68	7.6%	3,657.32	44,220.68	7.6%	3,657.32	44,220.68	7.6%
4150 - FD Health & WC	0.00	18,407.00	7.5%	1,378.90	18,407.00	7.5%	1,378.90	18,407.00	7.5%
4151 - FD PERS	0.00	4,305.00	7.5%	322.47	4,305.00	7.5%	322.47	4,305.00	7.5%
4152 - FD Co FICA	0.00	451,192.00	7.5%	33,615.31	451,192.00	7.5%	33,615.31	451,192.00	7.5%
4153 - FD Co Medicare	0.00	13,000.00	4.6%	592.89	13,000.00	4.6%	592.89	13,000.00	4.6%
Total 4100 - LABOR - FISHERIES	6,404.94	93,817.00	6.8%	0.00	93,817.00	6.8%	6,404.94	93,817.00	6.8%
4200 - VEHICLES & EQUIP - FISHERIES	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
4270 - Vehicle/Equip Mice	0.00	2,500.00	0.0%	0.00	2,500.00	0.0%	0.00	2,500.00	0.0%
4280 - Fixed Capital	0.00	25,500.00	2.3%	592.89	25,500.00	2.3%	592.89	25,500.00	2.3%
4290 - Miscellaneous	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
Total 4200 - VEHICLES & EQUIP - FISHERIES	0.00	16,000.00	0.0%	0.00	16,000.00	0.0%	0.00	16,000.00	0.0%
4220 - CONTRACT LABOR - FISHERIES	0.00	6,000.00	0.0%	0.00	6,000.00	0.0%	0.00	6,000.00	0.0%
4221 - Meters & Valves	0.00	6,000.00	0.0%	0.00	6,000.00	0.0%	0.00	6,000.00	0.0%
4222 - Fish Projects Maintenance	0.00	2,500.00	7.9%	196.34	2,500.00	7.9%	196.34	2,500.00	7.9%
Total 4220 - CONTRACT LABOR - FISHERIES	0.00	2,500.00	7.9%	196.34	2,500.00	7.9%	196.34	2,500.00	7.9%
4300 - MATERIALS/SUPPLIES - FISHERIES	0.00	2,500.00	7.9%	196.34	2,500.00	7.9%	196.34	2,500.00	7.9%
4390 - Miscellaneous	0.00	1,530.00	8.3%	127.46	1,530.00	8.3%	127.46	1,530.00	8.3%
Total 4300 - MATERIALS/SUPPLIES - FISHERIES	0.00	6,000.00	0.0%	0.00	6,000.00	0.0%	0.00	6,000.00	0.0%
4500 - OTHER EXPENSES - FISHERIES	0.00	2,500.00	7.9%	196.34	2,500.00	7.9%	196.34	2,500.00	7.9%
4502 - Uniforms	0.00	2,500.00	7.9%	196.34	2,500.00	7.9%	196.34	2,500.00	7.9%
Total 4500 - OTHER EXPENSES - FISHERIES	0.00	2,500.00	7.9%	196.34	2,500.00	7.9%	196.34	2,500.00	7.9%
4999 - GENERAL & ADMINISTRATIVE	0.00	1,530.00	8.3%	127.46	1,530.00	8.3%	127.46	1,530.00	8.3%
5000 - Director Fees	0.00	6,270.00	17.3%	1,081.60	6,270.00	17.3%	1,081.60	6,270.00	17.3%
5001 - Director Mileage	0.00	7,800.00	15.5%	1,209.06	7,800.00	15.5%	1,209.06	7,800.00	15.5%
5000 - Director Fees - Other	0.00	100,000.00	0.0%	0.00	100,000.00	0.0%	0.00	100,000.00	0.0%
Total 5000 - Director Fees	0.00	11,700.00	0.0%	0.00	11,700.00	0.0%	0.00	11,700.00	0.0%
5100 - Legal	0.00	40,000.00	90.7%	36,293.40	40,000.00	90.7%	36,293.40	40,000.00	90.7%
5101-1 - Audit	0.00	155,566.00	9.9%	15,405.51	155,566.00	9.9%	15,405.51	155,566.00	9.9%
5200 - Liability Insurance	0.00	53,810.00	7.6%	4,095.47	53,810.00	7.6%	4,095.47	53,810.00	7.6%
5201 - Health & Workers Comp	0.00	17,553.00	8.6%	1,507.86	17,553.00	8.6%	1,507.86	17,553.00	8.6%
5250 - PERS	0.00	4,105.00	8.6%	352.65	4,105.00	8.6%	352.65	4,105.00	8.6%
5260 - Company FICA Admin	0.00	104,000.00	7.7%	8,000.00	104,000.00	7.7%	8,000.00	104,000.00	7.7%
5265 - Company MCARE Admin	0.00	64,092.00	7.7%	4,930.14	64,092.00	7.7%	4,930.14	64,092.00	7.7%
5300 - Manager Salary	0.00	1,530.00	8.3%	127.46	1,530.00	8.3%	127.46	1,530.00	8.3%
5301 - Administrative Manager	0.00	6,270.00	17.3%	1,081.60	6,270.00	17.3%	1,081.60	6,270.00	17.3%
Total 4999 - GENERAL & ADMINISTRATIVE	0.00	7,800.00	15.5%	1,209.06	7,800.00	15.5%	1,209.06	7,800.00	15.5%
Total 5100 - Legal	0.00	100,000.00	0.0%	0.00	100,000.00	0.0%	0.00	100,000.00	0.0%
Total 5200 - Liability Insurance	0.00	11,700.00	0.0%	0.00	11,700.00	0.0%	0.00	11,700.00	0.0%
Total 5201 - Health & Workers Comp	0.00	40,000.00	90.7%	36,293.40	40,000.00	90.7%	36,293.40	40,000.00	90.7%
Total 5250 - PERS	0.00	155,566.00	9.9%	15,405.51	155,566.00	9.9%	15,405.51	155,566.00	9.9%
Total 5260 - Company FICA Admin	0.00	53,810.00	7.6%	4,095.47	53,810.00	7.6%	4,095.47	53,810.00	7.6%
Total 5265 - Company MCARE Admin	0.00	17,553.00	8.6%	1,507.86	17,553.00	8.6%	1,507.86	17,553.00	8.6%
Total 5300 - Manager Salary	0.00	4,105.00	8.6%	352.65	4,105.00	8.6%	352.65	4,105.00	8.6%
Total 5301 - Administrative Manager	0.00	104,000.00	7.7%	8,000.00	104,000.00	7.7%	8,000.00	104,000.00	7.7%
Total 4999 - GENERAL & ADMINISTRATIVE	0.00	64,092.00	7.7%	4,930.14	64,092.00	7.7%	4,930.14	64,092.00	7.7%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures

Budget vs. Actuals - July 2012-Jun 2013

	Fisheries			Operations			TOTAL		
	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget
5304 - Administrative Secretary	0.00	36,785.00	7.7%	2,829.84	36,785.00	7.7%	2,829.84	36,785.00	7.7%
5306 - Administrative Assistant	0.00	39,590.00	7.8%	3,102.22	39,590.00	7.8%	3,102.22	39,590.00	7.8%
5307 - Water Resources Planner	0.00	38,642.00	7.5%	2,888.08	38,642.00	7.5%	2,888.08	38,642.00	7.5%
5310 - Postage/Office Exp	0.00	680.34	7.5%	680.34	9,100.00	7.5%	680.34	9,100.00	7.5%
5311 - Office Equip/Leases	0.00	728.62	7.5%	728.62	9,691.00	7.5%	728.62	9,691.00	7.5%
5312 - Misc Admin Expenses	0.00	556.58	5.2%	556.58	10,790.00	5.2%	556.58	10,790.00	5.2%
5313 - Communications	0.00	811.92	10.2%	811.92	7,985.00	10.2%	811.92	7,985.00	10.2%
5314 - Utilities	0.00	920.19	9.5%	920.19	9,737.00	9.5%	920.19	9,737.00	9.5%
5315 - Membership Dues	0.00	0.00	0.0%	0.00	6,425.00	0.0%	0.00	6,425.00	0.0%
5316 - Admin Fixed Assets	0.00	0.00	0.0%	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
5318 - Computer Consultant	0.00	1,621.63	9.8%	1,621.63	16,625.00	9.8%	1,621.63	16,625.00	9.8%
5325 - Emp Training/Subscriptions	0.00	435.00	21.8%	435.00	2,000.00	21.8%	435.00	2,000.00	21.8%
5330 - Admin Travel/Conferences	0.00	510.60	25.5%	510.60	2,000.00	25.5%	510.60	2,000.00	25.5%
5331 - Public Information	0.00	9.72	1.0%	9.72	1,000.00	1.0%	9.72	1,000.00	1.0%
5332 - Transportation	0.00	0.00	0.0%	0.00	-990.28	0.0%	0.00	0.00	0.0%
5333 - Relocation Expense	0.00	-4,468.44	0.0%	0.00	-4,468.44	0.0%	0.00	-4,468.44	0.0%
5333-1 - Relocation Expense GM - C/O	0.00	0.00	0.0%	0.00	4,468.44	0.0%	0.00	4,468.44	0.0%
5333 - Relocation Expense - Other	0.00	4,468.44	0.0%	0.00	-4,468.44	0.0%	0.00	-4,468.44	0.0%
Total 5333 - Relocation Expense	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
Total 4989 - GENERAL & ADMINISTRATIVE	0.00	754,006.00	11.5%	86,888.83	754,006.00	11.5%	86,888.83	754,006.00	11.5%
5400 - GENERAL & ADMIN - FISHERIES									
5401 - Health & Workers Comp.	4,453.04	41,902.00	10.6%	0.00	-37,448.96	0.0%	4,453.04	41,902.00	10.6%
5402 - CalPERS	2,205.28	28,975.00	7.6%	0.00	-26,769.72	0.0%	2,205.28	28,975.00	7.6%
5403 - Company Fica	811.95	9,452.00	8.6%	0.00	-8,640.05	0.0%	811.95	9,452.00	8.6%
5404 - Admin Secretary	1,523.76	19,807.00	7.7%	0.00	-18,283.24	0.0%	1,523.76	19,807.00	7.7%
5405 - GM Salary	4,307.70	56,000.00	7.7%	0.00	-51,692.30	0.0%	4,307.70	56,000.00	7.7%
5406 - Company/MCARE	189.89	2,210.00	8.6%	0.00	-2,020.11	0.0%	189.89	2,210.00	8.6%
5407 - Legal - FD	0.00	25,000.00	0.0%	0.00	-25,000.00	0.0%	0.00	25,000.00	0.0%
5408 - Administrative Manager	2,654.70	34,511.00	7.7%	0.00	-31,856.30	0.0%	2,654.70	34,511.00	7.7%
5409 - Administrative Assistant	1,670.42	21,317.00	7.8%	0.00	-19,646.58	0.0%	1,670.42	21,317.00	7.8%
5410 - Postage / Office Supplies	366.34	4,900.00	7.5%	0.00	-4,533.66	0.0%	366.34	4,900.00	7.5%
5411 - Office Equipment / Leases	392.32	5,218.00	7.5%	0.00	-4,825.68	0.0%	392.32	5,218.00	7.5%
5412 - Misc. Admin Expense	285.92	5,810.00	4.9%	0.00	-5,524.08	0.0%	285.92	5,810.00	4.9%
5413 - Communications	470.91	4,305.00	10.9%	0.00	-3,834.09	0.0%	470.91	4,305.00	10.9%
5414 - Utilities	495.49	5,243.00	9.5%	0.00	-4,747.51	0.0%	495.49	5,243.00	9.5%
5415 - Membership Dues	0.00	2,900.00	0.0%	0.00	-2,900.00	0.0%	0.00	2,900.00	0.0%
5416 - Admin Fixed Assets	0.00	4,000.00	0.0%	0.00	-4,000.00	0.0%	0.00	4,000.00	0.0%
5418 - Computer Consultant	873.19	7,125.00	12.3%	0.00	-6,251.81	0.0%	873.19	7,125.00	12.3%
5425 - Employee Education/Subscription	0.00	2,500.00	0.0%	0.00	-2,500.00	0.0%	0.00	2,500.00	0.0%
5426 - Director Fees	582.40	4,000.00	14.6%	0.00	-3,417.60	0.0%	582.40	4,000.00	14.6%
5430 - Travel	68.65	200.00	34.3%	0.00	-131.35	0.0%	68.65	200.00	34.3%
5431 - Public Information	5.23	2,500.00	0.0%	0.00	-2,500.00	0.0%	5.23	2,500.00	0.0%
5432 - Transportation	0.00	2,000.00	0.3%	0.00	-1,994.77	0.0%	0.00	2,000.00	0.3%
5433 - Relocation Expense - GM	0.00	-1,915.06	0.0%	0.00	1,915.06	0.0%	0.00	-1,915.06	0.0%
5433-1 - Relocation Expense GM - C/O	0.00	1,915.06	0.0%	0.00	-1,915.06	0.0%	0.00	1,915.06	0.0%
5433 - Relocation Expense - GM - Other	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
Total 5433 - Relocation Expense - GM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5441 - Audit	0.00	6,300.00	0.0%	0.00	-6,300.00	0.0%	0.00	6,300.00	0.0%
5443 - Liab & Property Ins	19,542.60	21,300.00	91.7%	0.00	-1,757.40	0.0%	19,542.60	21,300.00	91.7%
5490 - Fish Projects Interest Expense	0.00	1,000.00	0.0%	0.00	-1,000.00	0.0%	0.00	1,000.00	0.0%
5450 - Water Resources Planner	1,555.12	20,808.00	7.5%	0.00	-19,252.88	0.0%	1,555.12	20,808.00	7.5%
Total 5400 - GENERAL & ADMIN - FISHERIES	42,454.91	339,283.00	12.5%	0.00	-296,828.09	0.0%	42,454.91	339,283.00	12.5%
5510 - Integrated Reg. Water Mgt Plan	0.00	5,000.00	0.0%	0.00	-5,000.00	0.0%	0.00	5,000.00	0.0%
5512 - OPEB Actuarial	0.00	3,000.00	0.0%	0.00	-3,000.00	0.0%	0.00	3,000.00	0.0%
6000 - SPECIAL PROJECTS	0.00	35,000.00	0.0%	10.10	-34,989.90	0.0%	10.10	35,000.00	0.0%
6062 - SCADA	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6090-1 - COMB Bldg/Grounds Repair	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures
 Budget vs. Actuals - July 2012-Jun 2013

1:15 PM
 08/21/12
 Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget	Jul 12	Budget	% of Budget
6090 - COMB Office Building	0.00	30,000.00	0.1%	15.99	30,000.00	0.1%	15.99	30,000.00	0.1%
6092 - SCC Improv Plan & Design	0.00	25,000.00	0.0%	0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
6097 - GIS and Mapping	0.00	10,000.00	22.8%	2,284.57	10,000.00	22.8%	2,284.57	10,000.00	22.8%
6103 - SCCMURRP	0.00	3,200,000.00	0.0%	195.87	3,200,000.00	0.0%	195.87	3,200,000.00	0.0%
6104 - Lower Reach Boundary Meter	0.00	22,500.00	0.0%	0.00	22,500.00	0.0%	0.00	22,500.00	0.0%
6106 - NP/Lake Intake Tower Phase I	0.00	27,000.00	0.0%	0.00	27,000.00	0.0%	0.00	27,000.00	0.0%
Total 6000 - SPECIAL PROJECTS	0.00	3,349,500.00	0.1%	2,506.53	3,349,500.00	0.1%	2,506.53	3,349,500.00	0.1%
6200 - FISHERIES ACTIVITIES									
6201 - FMP Implementation	0.00	92,000.00	0.0%	0.00	92,000.00	0.0%	0.00	92,000.00	0.0%
6202 - GIS and Mapping	463.19	10,000.00	4.6%	0.00	10,000.00	0.0%	463.19	10,000.00	4.6%
6203 - Grants Technical Support	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
6204 - SYR Hydrology Technical Support	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%	0.00	10,000.00	0.0%
6205 - USGS Stream Gauge Program	18,537.50	75,000.00	24.7%	0.00	75,000.00	0.0%	18,537.50	75,000.00	24.7%
6206 - Tri County Fish Team Funding	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
6207 - Oak Tree Restoration Program	720.00	20,000.00	3.6%	0.00	20,000.00	0.0%	720.00	20,000.00	3.6%
6208 - Legislative & Steelhead Funding	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%	0.00	5,000.00	0.0%
6211 - SYR RiverWare Model Use	0.00	12,000.00	0.0%	0.00	12,000.00	0.0%	0.00	12,000.00	0.0%
Total 6200 - FISHERIES ACTIVITIES	19,720.69	239,000.00	8.3%	0.00	239,000.00	0.0%	19,720.69	239,000.00	8.3%
6300 - HABITAT ENHANCEMENT									
6303 - Tributary Projects Support	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
6304 - Engineering Designs - OC	0.00	35,000.00	0.0%	0.00	35,000.00	0.0%	0.00	35,000.00	0.0%
6308 - Quiota Creek Crossing #7	0.00	890,000.00	0.0%	0.00	890,000.00	0.0%	0.00	890,000.00	0.0%
Total 6300 - HABITAT ENHANCEMENT	0.00	928,000.00	0.0%	0.00	928,000.00	0.0%	0.00	928,000.00	0.0%
6400 - STORM DAMAGE									
6402 - Zaca Fire Damage	0.00	0.00		0.00	0.00		0.00	0.00	
Total 6400 - STORM DAMAGE	0.00	0.00		0.00	0.00		0.00	0.00	
7006 - INTEREST EXPENSE	0.00	2,007,475.00	4.8%	165,695.10	5,147,450.00	3.2%	262,275.24	7,154,925.00	3.7%
Total Expense	10,755.86	10,755.86	100.0%	362,266.12	362,266.12	100.0%	373,021.98	373,021.98	100.0%
Net Income									

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

www.treasurer.ca.gov/pmia
-laif
August 14, 2012

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Tran Type Definitions

July 2012 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
7/13/2012	7/12/2012	QRD	1365677	SYSTEM	3.44 ✓

Account Summary


Total Deposit:	3.44	Beginning Balance:	3,868.62
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 July, 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

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**SANTA BARBARA
BANK & TRUST**

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

5927

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

Banking Statement

Statement Period: 07/01/2012 to 07/31/2012

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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Public Interest Checking

Checking Summary

Cachuma Operation & Maintenance Board

Master Contract Renewal Fund

Account Number	102335072
Interest Paid YTD	58.55
Interest Paid Last Year	47.87

Deposit Account Recap

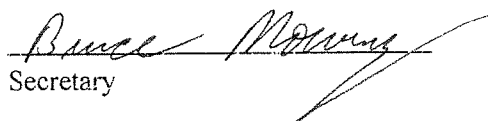
Beginning Balance as of	
July 1, 2012	10,134.12
1 Deposits (Plus)	0.51
Ending Balance as of	
July 31, 2012	10,134.63
Interest Paid	0.51

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 July, 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

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

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

5928
Cachuma Operation & Maintenance Board
Cachuma Project Trust Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement

Statement Period: 07/01/2012 to 07/31/2012

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

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

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Public Capital Tiered MMDA

Checking Summary

Cachuma Operation & Maintenance Board

Cachuma Project Trust Fund

Account Number	102335080
Interest Paid YTD	99.74
Interest Paid Last Year	383.00

Deposit Account Recap

Beginning Balance as of

July 1, 2012	54,468.56
--------------	-----------

2 Deposits (Plus)	7,281.72
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Ending Balance as of

July 31, 2012	61,750.28
---------------	-----------

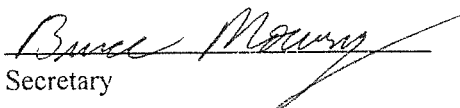
Interest Paid	14.72
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MEMO TO: Board of Directors
Cachuma Operation & Maintenance Board

FROM: Bruce A. Mowry, Secretary

SUBJECT: COMB INVESTMENT POLICY

The above statement of investment activity for the month of July, 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 July 31, 2012

	Date	Num	Name	Memo	Amount
1050 - GEN FUND	07/02/2012	21036	COMB - Revolving Fund	Jul payrolls/taxes	-122,112.55
	07/10/2012	21037	A-OK Mower Shops, Inc.	Compressor/generator/chain sharpen/weed wacker blades	-2,485.53
	07/10/2012	21038	Acorn Landscape Management Co.	Scheduled mtce	-260.77
	07/10/2012	21039	Aqua-Flo Supply	Dual-wall soiltight HDPE pipe	-1,521.73
	07/10/2012	21040	AT&T	Jun statement	-451.95
	07/10/2012	21041	Boone Graphics	Business cards-IV/ME/DB/SE	-218.66
	07/10/2012	21042	Bruce Mowry	Jun reimb D3 application fee	-100.00
	07/10/2012	21043	Business Card	BM-lunch mtg/parking/Water Dist reg/anchorwall JG-Staff mtg lunch/webhosting/ESRI conf (MEemami)	-6,375.48
	07/10/2012	21044	City of Santa-Barbara	Refuse/recycle 5/30-6/26/12	-179.78
	07/10/2012	21045	City of Santa Barbara-Central Stores	Gloves/first aid kit (mounted)	-675.63
	07/10/2012	21046	Coastal Copy, LP	Copier mtce agmts	-311.97
	07/10/2012	21047	COMB-Petty Cash	Mounting for satellite/fleet mtce/calendar	-355.82
	07/10/2012	21048	County of Santa--Barbara	General garbage	-64.50
	07/10/2012	21049	Dale Francisco	Jun mtg fees	-265.20
	07/10/2012	21050	Dell Marketing L.P.	Dell Latitude E6420 laptop PO#9126	-1,552.26
	07/10/2012	21051	Dennis E. Beebe	Jun mtg fees	-256.00
	07/10/2012	21052	ECHO Communications	Answering service	-62.00
	07/10/2012	21053	Electronic Data Solutions	TerraSync update/GeoExplorer module PO#9111	-830.70
	07/10/2012	21054	Famcon Pipe & Supply	Pipe/couplings/anchor assembly PO#9118	-2,670.05
	07/10/2012	21055	Federal Express	Mailing	-33.78
07/10/2012	21056	GE Capital	Lease agmt KM-C4035E Billing ID#90133933786	-494.57	
07/10/2012	21057	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-Jun	-638.00	
07/10/2012	21058	Goleta Building Materials, Inc.	Legend wall block-rehab walls GATO	-714.79	
07/10/2012	21059	Grainger	Pump, rotary vane/cooler for staff PO#9120	-378.93	
07/10/2012	21060	Home Depot Credit Services	Lauro yard fence supplies/misc tools	-643.71	
07/10/2012	21061	J&C Services	Cleaning services 6/1,8,15,22	-600.00	
07/10/2012	21062	Laser Cartridge Co.	Cartridge recharge 4600	-161.30	
07/10/2012	21063	Lash Construction, Inc.	Base-Lauro yard	-452.55	
07/10/2012	21064	Lauren W. Hanson	Jun mtg fees	-267.10	
07/10/2012	21065	Megan Emami	Registration-Wtr dist qty-disinfection/D1 exam/GIS	-214.00	
07/10/2012	21066	Musick, Peeler & Garrett LLP	Gen Counsel-General/Brown-May & Jun	-24,264.60	
07/10/2012	21067	Nargan Fire & Safety, Inc.	Fire ext for server room	-171.32	
07/10/2012	21068	Northwest Hydraulic Consultants	Post project reporting/support-Jan-Dec	-2,304.50	
07/10/2012	21069	Pacific Materials Laboratory	Sand equivalent test/concrete cylinder test	-492.00	
07/10/2012	21070	Paychex, Inc.	6/8, 22 payrolls/taxes	-290.46	
07/10/2012	21071	PG&E	NP/Tecolote tunnel	-338.41	
07/10/2012	21072	Powell Garage	Service-'01 Chev Silverado	-436.61	
07/10/2012	21073	Premiere Global Services	Conf. calls Jun	-221.79	
07/10/2012	21074	QPCS-WMD	AirLink ethernet/cellular antenna PO#9116	-1,106.02	
07/10/2012	21075	Robert R. Lieberknecht	Jun mtg fees	-287.40	
07/10/2012	21076	SAS Institute, Inc.	Annual license-JMP Discover software PO#9110	-1,320.00	
07/10/2012	21077	Scott Engblom	Reimb-thermo equip/fish scale env/ice for calibration	-65.06	
07/10/2012	21078	Scott Volan	Reimb-water proof camera/REI backpacks	-407.29	
07/10/2012	21079	Southern California Edison	Main ofc/outlying stations	-1,418.27	
07/10/2012	21080	Specialty Tool, LTD	Misc supplies/safety glasses/SP rd culvert repair supplies	-81.78	
07/10/2012	21081	Staples Credit Plan	Office supplies	-203.47	
07/10/2012	21082	Titan Industrial & Safety Supply, Inc.	Gas detectors/calibration gas/flow regulator PO#9114	-3,774.01	
07/10/2012	21083	Tri County Auto Glass	Windshield repair-Colorado PO#9129	-245.12	
07/10/2012	21084	W. Douglas Morgan	Jun mtg fees	-278.20	
07/10/2012	21085	Wright Express Fleet Services	Fuel	-2,361.60	
07/10/2012	21086	YSI Incorporated	Repair/replace optical probe PO#9123	-977.83	
07/10/2012	21087	ACWA/JPIA-EAP	EAP-Jul & Aug	-106.20	
07/10/2012	21088	Association of Ca Water Agencies/JPI	7/1-8/1/12 coverage	-21,343.06	
07/10/2012	21089	CDPH-OCP	Grade 1 Water Treatment Operator Cert-SK	-70.00	
07/10/2012	21090	CIO Solutions, LP	Maintain IT-(No Suggestions) supp (phone)	-2,494.82	
07/10/2012	21091	Cox Communications	Business internet Jul	-185.25	
07/10/2012	21092	Culligan Water	RO system Jul	-24.95	
07/10/2012	21093	David Flora	Reimb steel toe boots	-107.74	
07/10/2012	21094	Draganchuk Alarm Systems	Alarm monitoring 7/1-9/30/12	-82.50	
07/10/2012	21095	GE Capital	Lease agmt TASKalpha Billing ID#90136047559	-133.61	
07/10/2012	21096	Pitney Bowes Global Financial Service	Postage meter lease 7/10-10/10/12	-442.86	
07/10/2012	21097	Southern California Edison	Corona-Glen Anne Rd/Glen Anne gate	-41.80	

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Payment of Claims
As of July 31, 2012

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
07/10/2012	21098	Underground Service Alert of So. Calif	New ticket charges-49	-73.50
07/10/2012	21099	Association of Ca Water Agencies/JPI	8/1-9/1/12 coverage	-21,343.06
07/10/2012	21100	Cabela's Marketing & Brand Mgt Inc.	Waders PO#9130	-559.92
07/10/2012	21101	Cardno ENTRIX	Permit support-MURRP/BO compliance/Task mgt-file mtce/ Fisheries monitoring program support	-1,579.00
07/10/2012	21102	HDR Engineering, Inc.	Quiota Crk psg prog design supp-May & Jun/EI Jaro Crk/EI Chorro Ranch grant tech support-May & Jun	-4,463.03
07/10/2012	21103	Rauch Communication Consultants, LI	FMP & website	-2,000.00
07/10/2012	21104	Verizon California	Main ofc/outlying stations	-447.54
07/10/2012	21105	Verizon Wireless	Cellular	-467.82
07/11/2012	21106	All Around Landscape Supply	Slip/adapters/pvc pipe	-35.90
07/11/2012	21107	Dell Marketing L.P.	Dell Latitude E6420 ATG laptop PO#9126	-2,825.07
07/11/2012	21108	Prudential Overall Supply	Mats	-141.82
07/11/2012	21109	Republic Elevator Co.	Scheduled mtce-NP elevator	-278.12
07/17/2012	21110	Standard Automation & Control LP	Upg, InTouch/Develop PO#9128	-20,120.78
07/18/2012	21111	Blois Construction, Inc.	Slope stabilization access road-GATO PO#11-12-24 Gravity block wall install access road-GATE PO#11-12-25	-40,000.00
07/18/2012	21112	CIO Solutions, LP	ProLiant MicroServer (field mapplet)	-2,792.90
07/18/2012	21113	Macro Automatics Corporation	Install-configure cellular modem-Glen Anne PO#11-12-23 Install-configure satellite router PO#11-12-26	-5,931.40
07/18/2012	21114	Pacific Materials Laboratory	Geotechnical Engineer site visit-Jul	-172.00
07/18/2012	21115	Santa Ynez River Water Cons. Dist. ID#1		-2,795.35
07/18/2012	21116	MarBorg Industries	Portable toilets	-328.30
07/18/2012	21117	Southern California Edison	Foothill Rd	-37.86
07/18/2012	21118	Verizon California	SCADA	-492.28
07/20/2012	21119	Nextel Communications	Cellular-Ops/GM/Engineer	-1,154.47
07/24/2012	21120	Melinda L. Fournier	Oak Tree Restoration Program-Jun	-6,870.00
07/25/2012	21121	Business Card	BM-Gen Mgr vehicle wash/social comm-empl activity, meal/T. Brown backhoe tires/COMB tires-backhoe/anchor wall/staff mtg refreshments/SCADA lunch mtg/parking/ gas treatment for S-10 JG-Set-up & 1st mo-Satellite fee/webhosting/APWA Int'l Public Works Expo-(Emami)	-11,376.00
07/25/2012	21122	COMB - Revolving Fund	Aug payrolls/taxes	-184,009.11
07/25/2012	21123	Federal Express	Mailing-ACWA docs	-59.65
07/25/2012	21124	Nextel Communications	Cellular-Ops/GM/Engineer	-517.44
07/25/2012	21125	OS Systems, Inc.	Stream count dry suit repair PO#9139	-196.34
07/25/2012	21126	PG&E	NP/Tecolote tunnel	-303.30
07/30/2012	21127	Blois Construction, Inc.	Construction portion-MURRP	-394,900.00
Total 1050 · GENERAL FUND				<u>-917,699.80</u>
				<u>-917,699.80</u>

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Expenses By Vendor Year-to-Date
July 2012

Date	Num	Memo	Account	Debit
Acorn Landscape Management Co.				
07/25/2012	11180	Scheduled mtce	3302 · Buildings & Roads	260.77
Total Acorn Landscape Management Co.				260.77
ACWA/Joint Powers Insurance Authority				
07/31/2012	Member#C013	Auto/Gen Liab Prog 10/1/12-9/30/13 policy year	5200 · Liability Insurance	36,293.40
07/31/2012	Member#C013	Auto/Gen Liab Prog 10/1/12-9/30/13 policy year	5443 · Liab & Property Ins	19,542.60
Total ACWA/Joint Powers Insurance Authority				55,836.00
ACWA/JPIA-EAP				
07/01/2012	Jul EAP	Jul EAP	3150 · Health & Workers Comp	24.78
07/01/2012	Jul EAP	Jul EAP	5201 · Health & Workers Comp	11.50
07/01/2012	Jul EAP	Jul EAP	5401 · Health & Workers Comp.	6.20
07/01/2012	Jul EAP	Jul EAP	4150 · FD Health & WC	10.62
07/09/2012	Aug EAP	Aug EAP	3150 · Health & Workers Comp	24.78
07/09/2012	Aug EAP	Aug EAP	5201 · Health & Workers Comp	11.50
07/09/2012	Aug EAP	Aug EAP	5401 · Health & Workers Comp.	6.20
07/09/2012	Aug EAP	Aug EAP	4150 · FD Health & WC	10.62
Total ACWA/JPIA-EAP				106.20
All Around Landscape Supply				
07/02/2012	S1601287.001	PVC pipe	3401 · Conduit, Meter, Valve & Misc	9.84
07/03/2012	S1601394.001	Slip/adapters	3401 · Conduit, Meter, Valve & Misc	26.06
Total All Around Landscape Supply				35.90
Aqua-Flo Supply				
07/03/2012	341206	Coupling/bushing PVC/primer/glue	3401 · Conduit, Meter, Valve & Misc	100.74
Total Aqua-Flo Supply				100.74
Association of Ca Water Agencies/JPIA				
07/01/2012	Acct#00013	Ops 7/1-8/1/12 coverage	3150 · Health & Workers Comp	10,338.25
07/01/2012	Acct#00013	Admin 7/1-8/1/12 coverage	5201 · Health & Workers Comp	6,400.36
07/01/2012	Acct#00013	Admin 7/1-8/1/12 coverage	5401 · Health & Workers Comp.	1,528.32
07/01/2012	Acct#00013	Field 7/1-8/1/12 coverage	4150 · FD Health & WC	2,991.83
07/09/2012	Acct#00013	Ops 8/1-9/1/12 coverage	3150 · Health & Workers Comp	10,384.45
07/09/2012	Acct#00013	Admin 8/1-9/1/12 coverage	5201 · Health & Workers Comp	6,411.91
07/09/2012	Acct#00013	Admin 8/1-9/1/12 coverage	5401 · Health & Workers Comp.	1,528.32
07/09/2012	Acct#00013	Field 8/1-9/1/12 coverage	4150 · FD Health & WC	3,003.38
Total Association of Ca Water Agencies/JPIA				42,586.82
AT&T				
07/27/2012	0193583595001	Jul statement	3503 · Communications	19.41
07/27/2012	0193583595001	Jul statement	5313 · Communications	452.43
07/27/2012	0193583595001	Jul statement	5413 · Communications	243.61
Total AT&T				715.45
Business Card				
07/18/2012	Ending#8012	BM-Parking-Mtg at County	5330 · Admin Travel/Conferences	3.00
07/18/2012	Ending#8012	BM-Gas treatment for S-10	3201 · Vehicle/Equip Mtce	11.62
07/18/2012	Ending#3184	JG-Satellite set-up/1st monthly fee	3503 · Communications	345.89
07/18/2012	Ending#3184	JG-Webhost	5331 · Public Information	9.72
07/18/2012	Ending#3184	JG-Webhost	5431 · Public Information	5.23
07/18/2012	Ending#3184	JG-APWA Int'l Public Works Expo-Anaheim (MEmami)	5325 · Emp Training/Subscriptions	435.00
Total Business Card				810.46
CDPH-OCP				
07/03/2012	#164142	Grade 1 Water Treatment Operator Cert-SKing	3506 · Training	70.00
Total CDPH-OCP				70.00
CIO Solutions, LP				
07/01/2012	86043	JCare/Essential supp 7/24/12-7/23/13 (phone system)	5318 · Computer Consultant	422.38
07/01/2012	86043	JCare/Essential supp 7/24/12-7/23/13 (phone system)	5418 · Computer Consultant	227.44
07/05/2012	10765	Maintain IT-Jul	5318 · Computer Consultant	1,170.00
07/05/2012	10765	Maintain IT-Jul	5418 · Computer Consultant	630.00
07/05/2012	10800	Postini-Jul	5318 · Computer Consultant	29.25
07/05/2012	10800	Postini-Jul	5418 · Computer Consultant	15.75
Total CIO Solutions, LP				2,494.82

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Expenses By Vendor Year-to-Date
July 2012

Date	Num	Memo	Account	Debit
City of Santa-Barbara				
07/31/2012	108112-705750	Refuse/recycle 6/26-7/30/12	3505 · Miscellaneous	182.14
Total City of Santa-Barbara				<u>182.14</u>
COMB-Petty Cash				
07/05/2012		Mounting for satellite	3503 · Communications	80.00
07/31/2012		Fleet vehicle mtce/water for pump/fuel for truck	3201 · Vehicle/Equip Mtce	162.00
07/31/2012		Fleet vehicle mtce	4270 · Vehicle/Equip Mtce	73.00
07/31/2012		Refreshments-Damtenders training	5312 · Misc Admin Expenses	24.76
Total COMB-Petty Cash				<u>339.76</u>
Cox Communications				
07/01/2012	0013011025751602	Business Internet Jul	5313 · Communications	126.75
07/01/2012	0013011025751602	Business Internet Jul	5413 · Communications	58.50
Total Cox Communications				<u>185.25</u>
Culligan Water				
07/01/2012	SM-01-398305	RO System Jul	5311 · Office Equip/Leases	16.22
07/01/2012	SM-01-398305	RO System Jul	5411 · Office Equipment / Leases	8.73
07/31/2012	SM-01-398305	RO System Aug	5311 · Office Equip/Leases	16.22
07/31/2012	SM-01-398305	RO System Aug	5411 · Office Equipment / Leases	8.73
Total Culligan Water				<u>49.90</u>
Dale Francisco				
07/31/2012	Jul Fees	Jul Fees	5000 · Director Fees	83.20
07/31/2012	Jul Fees	Jul Mileage	5001 · Director Mileage	2.99
07/31/2012	Jul Fees	Jul Fees	5426 · Director Fees	44.80
07/31/2012	Jul Fees	Jul Mileage	5427 · Director Mileage	1.61
Total Dale Francisco				<u>132.60</u>
David Flora				
07/01/2012		Reimb steel toe boots	3502 · Uniforms	107.74
Total David Flora				<u>107.74</u>
Dennis E. Beebe				
07/31/2012	Jul Fees	Jul Fees	5000 · Director Fees	249.60
07/31/2012	Jul Fees	Jul Mileage	5001 · Director Mileage	61.37
07/31/2012	Jul Fees	Jul Fees	5426 · Director Fees	134.40
07/31/2012	Jul Fees	Jul Mileage	5427 · Director Mileage	33.05
Total Dennis E. Beebe				<u>478.42</u>
Draganchuk Alarm Systems				
07/01/2012	79908	Alarm monitoring 7/1-9/30/12	3504 · USA & Other Services	82.50
Total Draganchuk Alarm Systems				<u>82.50</u>
Famcon Pipe & Supply				
07/26/2012	143521	Clamps/couplers-SP Rd repair PO#9141	3402 · Buildings & Roads	703.61
Total Famcon Pipe & Supply				<u>703.61</u>
Federal Express				
07/20/2012	7-958-94253	Mailing-ACWA docs	5310 · Postage/Office Exp	38.77
07/20/2012	7-958-94253	Mailing-ACWA docs	5410 · Postage / Office Supplies	20.88
Total Federal Express				<u>59.65</u>
GE Capital				
07/01/2012	57420369	Lease agmt TASKalpha Billing ID#90136047559	5311 · Office Equip/Leases	86.85
07/01/2012	57420369	Lease agmt TASKalpha Billing ID#90136047559	5411 · Office Equipment / Leases	46.76
07/22/2012	57499447	Lease agmt KM-C4035E Billing ID#90133933786	5311 · Office Equip/Leases	321.47
07/22/2012	57499447	Lease agmt KM-C4035E Billing ID#90133933786	5411 · Office Equipment / Leases	173.10
Total GE Capital				<u>628.18</u>
Goleta Building Materials, Inc.				
07/06/2012	2089879	Legend wall cap	3402 · Buildings & Roads	51.36
Total Goleta Building Materials, Inc.				<u>51.36</u>

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Expenses By Vendor Year-to-Date
July 2012

Date	Num	Memo	Account	Debit
Graybar Electric Company, Inc.				
07/16/2012	961355466	Conduit/couplings/elbow/sealant	3402 · Buildings & Roads	47.09
07/17/2012	961381120	Electrical cable	3402 · Buildings & Roads	18.94
Total Graybar Electric Company, Inc.				66.03
Home Depot Credit Services				
07/30/2012	Ending#6396	Misc small tools	3204 · Miscellaneous	220.30
07/30/2012	Ending#6396	Gaskets	3402 · Buildings & Roads	35.67
07/30/2012	Ending#6396	Misc materials	6103 · SCCMURRP	23.87
Total Home Depot Credit Services				279.84
Hydrex Pest Control Co.				
07/24/2012	10079166	Ant/pest control (grounds/yard)	3302 · Buildings & Roads	108.00
Total Hydrex Pest Control Co.				108.00
Iraj Vatankhah				
07/31/2012		Reimb-ESRI mileage (San Diego)	5330 · Admin Travel/Conferences	260.85
07/31/2012		Reimb-ESRI hotel/parking/meals	6097 · GIS and Mapping	445.24
07/31/2012		Reimb-misc exp	5312 · Misc Admin Expenses	25.00
Total Iraj Vatankhah				731.09
J&C Services				
07/26/2012	20660	Cleaning services 6/29, 7/6,13,20	3302 · Buildings & Roads	100.00
07/26/2012	20660	Cleaning services 6/29, 7/6,13,20	5312 · Misc Admin Expenses	325.00
07/26/2012	20660	Cleaning services 6/29, 7/6,13,20	5412 · Misc. Admin Expense	175.00
Total J&C Services				600.00
Kenneth A. Knight, Consulting				
07/31/2012	1001	Arborist services-Oak Tree Program-Jul	6207 · Oak Tree Restoration Progra	720.00
Total Kenneth A. Knight, Consulting				720.00
Larry's 8-Day Auto Parts				
07/10/2012	ID-178816	Ball/trailer mounts	3201 · Vehicle/Equip Mtce	107.72
Total Larry's 8-Day Auto Parts				107.72
Lash Construction, Inc.				
07/31/2012	74984N	Base-Lauro yard	3402 · Buildings & Roads	147.00
Total Lash Construction, Inc.				147.00
Lauren W. Hanson				
07/31/2012	Jul Fees	Jul Fees	5000 · Director Fees	249.60
07/31/2012	Jul Fees	Jul Mileage	5001 · Director Mileage	10.82
07/31/2012	Jul Fees	Jul Fees	5426 · Director Fees	134.40
07/31/2012	Jul Fees	Jul Mileage	5427 · Director Mileage	5.83
Total Lauren W. Hanson				400.65
MarBorg Industries				
07/01/2012	2768521	Casitas Pass 6/4-7/1/12	3505 · Miscellaneous	97.68
07/01/2012	2768594	Ortega 6/4-7/1/12	3505 · Miscellaneous	141.63
07/01/2012	2768499	Glen Anne 6/4-7/1/12	3505 · Miscellaneous	88.99
07/29/2012	2783977	Glen Anne 7/2-29/12	3505 · Miscellaneous	88.99
07/29/2012	2784000	Casitas Pass 7/2-29/12	3505 · Miscellaneous	97.68
07/29/2012	2784072	Ortega 7/2-29/12	3505 · Miscellaneous	141.63
Total MarBorg Industries				656.60
Megan Emami				
07/31/2012		Reimb-ESRI mileage (San Diego)	5330 · Admin Travel/Conferences	246.75
07/31/2012		Reimb-ESRI hotel/parking/meals	6097 · GIS and Mapping	1,839.33
Total Megan Emami				2,086.08
Nextel Communications				
07/22/2012	741774027-120	Cellular	3503 · Communications	517.44
Total Nextel Communications				517.44
OS Systems, Inc.				
07/03/2012	88662	Stream count dry suit repair PO#9139	4502 · Uniforms	196.34
Total OS Systems, Inc.				196.34

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Expenses By Vendor Year-to-Date
July 2012

Date	Num	Memo	Account	Debit
Pacific Materials Laboratory				
07/12/2012	104833	Geotechnical Engineer site visit-Jul (MURRP)	6103 · SCCMURRP	172.00
Total Pacific Materials Laboratory				172.00
Paychex, Inc.				
07/26/2012	2012072600	7/6,20 payrolls/taxes/qtr end delivery	5312 · Misc Admin Expenses	181.82
07/26/2012	2012072600	7/6,20 payrolls/taxes/qtr end delivery	5412 · Misc. Admin Expense	110.92
Total Paychex, Inc.				292.74
PG&E				
07/19/2012	4508958330-1	NP	3501 · Utilities	282.56
07/19/2012	4550624994-0	Tecolote tunnel	3501 · Utilities	20.74
Total PG&E				303.30
Pitney Bowes Global Financial Services LL				
07/01/2012	2480615-JN12	Postage meter lease 7/10-10/10/12	5311 · Office Equip/Leases	287.86
07/01/2012	2480615-JN12	Postage meter lease 7/10-10/10/12	5411 · Office Equipment / Leases	155.00
Total Pitney Bowes Global Financial Services LL				442.86
Praxair Distribution, Inc				
07/20/2012	43531221	Cylinder rental	3203 · Equipment Rental	58.50
07/27/2012	43263129	Cylinder rental	3203 · Equipment Rental	61.45
Total Praxair Distribution, Inc				119.95
Premiere Global Services				
07/31/2012	11928717	Conf. calls Jul	5313 · Communications	83.47
07/31/2012	11928717	Conf. calls Jul	5413 · Communications	44.94
Total Premiere Global Services				128.41
Prudential Overall Supply				
07/12/2012	170347768	Mats	3402 · Buildings & Roads	70.91
07/26/2012	170350932	Mats	3402 · Buildings & Roads	70.91
Total Prudential Overall Supply				141.82
Republic Elevator Co.				
07/01/2012	115475	Scheduled mtce-NP elevator	3302 · Buildings & Roads	278.12
Total Republic Elevator Co.				278.12
Reserve Account				
07/31/2012	17725086	Postage refill	5310 · Postage/Office Exp	260.00
07/31/2012	17725086	Postage refill	5410 · Postage / Office Supplies	140.00
Total Reserve Account				400.00
Robert R. Lieberknecht				
07/31/2012	Jul Fees	Jul Fees	5000 · Director Fees	249.60
07/31/2012	Jul Fees	Jul Mileage	5001 · Director Mileage	30.63
07/31/2012	Jul Fees	Jul Fees	5426 · Director Fees	134.40
07/31/2012	Jul Fees	Mul Mileage	5427 · Director Mileage	16.50
Total Robert R. Lieberknecht				431.13
SB Home Improvement Center				
07/16/2012	215403	Hardware for handrail-Lauro yard	3402 · Buildings & Roads	14.35
Total SB Home Improvement Center				14.35
Southern California Edison				
07/05/2012	2-32-565-2444	Corona-Glen Anne Rd	3501 · Utilities	20.52
07/05/2012	2-23-438-8171	Glen Anne gate	3501 · Utilities	21.28
07/10/2012	2-31-175-7751	Foothill Rd	3501 · Utilities	37.86
07/28/2012	2-10-440-3522	Outlying stations	3501 · Utilities	133.71
07/28/2012	2-10-440-3522	Main ofc	5314 · Utilities	919.05
07/28/2012	2-10-440-3522	Main ofc	5414 · Utilities	494.87
Total Southern California Edison				1,627.29
Staples Contract and Commercial, Inc.				
07/25/2012	7000068555	Office supplies	5310 · Postage/Office Exp	336.07
07/25/2012	7000068555	Office supplies	5410 · Postage / Office Supplies	180.96
Total Staples Contract and Commercial, Inc.				517.03

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Expenses By Vendor Year-to-Date
July 2012

<u>Date</u>	<u>Num</u>	<u>Memo</u>	<u>Account</u>	<u>Debit</u>
The Gas Company				
07/25/2012	158 415 3400 9	Gas-main office	5314 · Utilities	1.14
07/25/2012	158 415 3400 9	Gas-main office	5414 · Utilities	0.62
Total The Gas Company				<u>1.76</u>
Tim Robinson				
07/31/2012		Reimb-Hotel/meals/parking-ESRI conf-San Diego	6202 · GIS and Mapping	463.19
Total Tim Robinson				<u>463.19</u>
Underground Service Alert of So. Calif.				
07/01/2012	620120582	New ticket charges-49	3504 · USA & Other Services	73.50
Total Underground Service Alert of So. Calif.				<u>73.50</u>
United States Geological Survey				
07/13/2012	90104782	Agmt#12WSCA44600 3rd Qrtly billing Agmt 9/25/11	6205 · USGS Stream Gauge Progr	18,537.50
Total United States Geological Survey				<u>18,537.50</u>
Verizon California				
07/04/2012	805 VM0-0042 030718	SCADA	3503 · Communications	492.28
07/28/2012	805-687-4011	Main ofc	3503 · Communications	80.38
07/28/2012	805-687-4011	Main ofc	5313 · Communications	149.27
07/28/2012	805-687-4011	Main ofc	5413 · Communications	123.86
07/28/2012	805-964-5916	NP	3503 · Communications	41.75
07/28/2012	805-969-4803	Ortega	3503 · Communications	45.37
07/28/2012	805-684-3614	Carp	3503 · Communications	45.33
Total Verizon California				<u>978.24</u>
W. Douglas Morgan				
07/31/2012	Jul Fees	Jul Fees	5000 · Director Fees	249.60
07/31/2012	Jul Fees	Jul Mileage	5001 · Director Mileage	21.65
07/31/2012	Jul Fees	Jul Fees	5426 · Director Fees	134.40
07/31/2012	Jul Fees	Jul Mileage	5427 · Director Mileage	11.66
Total W. Douglas Morgan				<u>417.31</u>
WFCB-OSH Commercial Services				
07/05/2012	Ending#4157	Conduit for Lauro yard PLC	6062 · SCADA	10.10
07/05/2012	Ending#4157	Misc mat-supp	3402 · Buildings & Roads	49.52
Total WFCB-OSH Commercial Services				<u>59.62</u>
Wright Express Fleet Services				
07/31/2012	30168240	Ops Fuel	3201 · Vehicle/Equip Mtce	1,257.82
07/31/2012	30168240	Ops Cards	3201 · Vehicle/Equip Mtce	24.00
07/31/2012	30168240	Field Fuel	4270 · Vehicle/Equip Mtce	441.97
07/31/2012	30168240	Field Cards	4270 · Vehicle/Equip Mtce	6.00
Total Wright Express Fleet Services				<u>1,729.79</u>
TOTAL				<u><u>139,764.97</u></u>

NOTATION:

All Contract and Purchase Order expenditures for Fiscal Year 2012/2013 to-date are approved by the General Manager.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 27, 2012
Submitted by:	Janet Gingras / Tim Robinson
Approved by:	Bruce Mowry

SUBJECT: Approval to Pay Sales Tax on the purchase of the Bottomless Arched Culvert for the Quiota Creek Crossing #7 Project

SUMMARY:

At the August 6, 2012 Special Board meeting, the Purchase Order #12-13-02 for the Contech Bottomless Arched Culvert for use in the Quiota Creek Crossing #7 Project was approved by the Board at a purchase price of \$150,167.16. Sales Tax equaling \$11,637.96 was not included in the original quotation or reflected in the approved purchase order. All other costs including freight were included in the quoted price.

FISCAL IMPACTS:

None – the sales tax amount associated with the bridge purchase was included in the approved project budget for FY 2013.

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Approve payment of sales tax on the purchase of the Contech Bottomless Arched Culvert at an amount of \$11,637.96.

LIST OF EXHIBITS:

N/A

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 27, 2012
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

SUBJECT: Board Committee Appointments for FY 2012-13

SUMMARY:

Many of the activities and projects planned for Fiscal Year 2012-2013 would benefit from being discussed first at the committee level and then brought to the Board of Directors with the committee's recommendation for action.

COMB has four Board committees that would consist of two board members and an alternate for each. The committees meet during the course of the fiscal year, on an as-needed basis, together with COMB staff and Member Unit staff, if necessary.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

It is recommended that the President of the Board make appointments for Fiscal Year 2012-2013 to the following committees: Administrative, Operations Division, Fisheries Division and Public Outreach.

LIST OF EXHIBITS:

1. Chart of appointments for Fiscal Year 2011-2012

CACHUMA OPERATION & MAINTENANCE BOARD

**COMMITTEE APPOINTMENTS
FY 2011-2012**

COMMITTEE NAME	COMMITTEE MEMBER	COMMITTEE MEMBER	ALTERNATE MEMBER
Administrative (Finance, Personnel, Legal)	Chair Lauren Hanson	Doug Morgan	Bob Lieberknecht
Operations Division	Chair Bob Lieberknecht	Lauren Hanson	Dale Francisco
Fisheries Division	Chair Lauren Hanson	Dennis Beebe	Dale Francisco
Public Outreach	Chair Bob Lieberknecht	Doug Morgan	Dennis Beebe

**COMMITTEE APPOINTMENTS
FY 2012-2013**

COMMITTEE NAME	COMMITTEE MEMBER	COMMITTEE MEMBER	ALTERNATE MEMBER
Administrative (Finance, Personnel, Legal)	Chair		
Operations Division	Chair		
Fisheries Division	Chair		
Public Outreach	Chair		

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 27, 2012
Submitted by:	Megan Emami
Approved by:	Bruce Mowry

SUBJECT: Prop 84 Potential Project list

Summary: The second round of Prop 84 funding is available through the Santa Barbara County Inter-Regional Water Management Plan (IRWMP). COMB has been closely involved with the planning process for this funding, and wishes to apply for grant money. Projects must be submitted to the IRWMP website early September for consideration. There are many important projects at COMB, that will be beneficial to COMB's Member Agencies. Once the project list is approved they will be entered on the preliminary list of projects for Prop 84 funding, once the projects are on the list we can fill out a grant application for Prop 84 funding for projects on the list.

Lower Reach Air Vac Valve/ Blowoff Valve Replacement Project- The Lower Reach of the South Coast Conduit conveys potable water and requires special valve designs to minimize the potential of cross-connections and many of these valves are over thirty years in age and in poor condition. See attachment B for detailed analysis.

North Portal/ Lake Intake Tower- 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 the system. Security and reliability are important for continued operation of these facilities.

Gate Chamber- The concrete in the gate chamber consists of many cracks and joints that have water seeping in. In the past we have injected sealant into these cracks which has limited the seepage. However this seepage continues and should be remediated to keep the gate chamber in working conditions, this seepage has impacted the electrical system in the North Portal as well as the elevator. The design was not meant for damp environments, the electrical system will need to be fixed, and fixing the leaking cracks should create a drier environment. The venturi meter at this location should also be

replaced with a mag meter to allow a more accurate reading as well as provide us with an accurate and reliable feed of how much intrusion water is occurring.

Intake Tower- The intake tower has five slide gates with fish screens protecting them, as well as a hoist on top of the deck that is use to list the slide gates for cleaning. The slide gates have anodes that are past their service life which protect the screens from rusting. The anodes should be replaced to keep the fish screens from further deterioration. The fish screens should be repaired and recoated. The hoist used to clean and repair the fish screens need to be reconfigured; currently the screens cannot be lifted high enough to remove them from the structure. Reconfiguration would allow us to remove the screens if they need to be turned around or moved for repairs. The Rip Rap located on the slope that protects the Intake Tower is failing due to waves eroding the shoreline. To prevent further erosion rip rap should be placed on the bank to ensure the bank is stabilized and the intake tower will not fail. This structure has not been evaluated for seismic standards and is expected to be required and upgraded.

Safety- The entry gate located off HWY 154 is not designed to prevent individuals from walking into the facility area. Protective fencing at the intake tower needs to be enhanced to prevent entry from the water and security systems will need to be installed. When accessing the Tecolote Tunnel, mechanical ventilation is required for the safety of the staff. Presently there is a single fan, when access is made in the tunnel, rental of a second fan is required. If we need to utilize the backup fan, the existing fan duct needs to be removed, and the temporary fan must be installed while staff is inside of the tunnel without ventilation. The installation of a second fan would ensure that if one fan fails, the other fan would continue to meet full ventilation requirements. Access to the tunnel will become more frequent in the future, making this installation necessary for the safety of the staff. The intake tower is in need of upgrades including: replace bridge floor planks, repaint all steel surfaces, install motion sensor/camera on intake tower, complete fencing, Improve surfaces of access roads, as well as repairing the roof of the North Portal Structure. These projects are all necessary to maintain a reliable and safe facility.

Mission Creek Crossing- Along HWY 192, the pipeline Crossing at Mission Creek, the South Coast Conduit was damaged by a boulder that struck the pipe while erosion of the pipe cover was occurring. It was reported that the pipe had a dent in the side. In the process of removing the boulder a jack hammer was used, which slipped and penetrated the pipe. The pipeline is a steel cylinder that is wrapped with bars which is then concrete lined and encased to provide strength and prevent corrosion. The method of repair, at Mission Creek, was to weld a steel plate over the hole and dump concrete into the creek to protect the exterior of the pipe. No repairs were attempted at either the dented or the location of the jack hammered hole. Corrosion is occurring on the exposed steel at both of these areas, and failure is eminent. A design was completed by AECOM and the opinion of cost was between \$2.3-\$2.9 million but the project has been value engineered, resulting in a reduction of cost to \$1.5 million. The approach was to install bypass piping at a great expense and replace the pipe in the creek at a lower elevation. The City of Santa Barbara believes that this section of the Lower Reach could be shut down during low demand periods, for several days to allow for replacement without the expensive bypass. In discussions of the project with Blois Construction, they agree that a parallel pipe could be installed with the existing pipe in operation and then a shutdown could occur to make the transfer. COMB has applied for a grant for approximately \$500 thousand to pay for the modifications of the creek bed for fish passage

improvements and would pay for the removal of the old pipe and development of the fish passage requirements.

Sheffield Tunnel Pipeline Replacement- 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 in the lower reach and ensure reliability.

Glen Anne Reservoir Upgrades- Glen Anne Reservoir had an initial storage capacity of 500AF, due to seismic stability requirements the maximum capacity was limited to 375AF in 1988 and again in 2002 it was limited to 175 AF maximum capacity. Glen Anne Reservoir is no longer in service, but COMB continues required maintenance and inspections as required by the USBR. Raw water storage in the Upper Reach is critical to allow Goleta Water District to continue to deliver water to their customers and to allow the Tecolote Tunnel to shutdown for repairs. This can be accomplished by upgrading Glen Anne Reservoir Dam and constructing a reservoir pump station to return flows to Goleta West and the South Coast Conduit. This project will benefit all of the South Coast Member Units. It will allow for storage capacity, increase efficiency and reliability of COMB facilities, allow for shut-downs and necessary repairs of the Tecolote Tunnel, as well as aid in potential fire protection and flood control. While looking at a design for this project we will investigate the potential of generating power off the pipeline to pump water out of the reservoir alleviating operating costs. Funds from BOR safety of Dams would also be requested to upgrade the dam similar as was accomplished for Bradbury and Lauro Dams.

Upper Reach Corona Del Mar Turnout Modifications- The Upper Reach experiences a capacity reduction from the original capacity of 65 million gallons per day to flow approximately 41 to 47 million gallons per day depending on demands from Goleta Water District. This restriction was validated based on previous hydraulic studies performed in the upper reach. The design of the second barrel, which has not been constructed, utilizes a bypass piping arrangement of the turnout to eliminate this restriction. This design concept needs to be reviewed of this design or a variation of it should be constructed in order to return to the original capacity. This modification would also be the terminus of the second barrel project, once constructed. This yields reliability and capacity to the member units.

Upper Reach Pipeline Lining and Creek Crossing Stabilization- 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

Lower Reach Lining and Creek Crossing Stabilization- 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. These pipe sections will be difficult to parallel with the new pipe and replacement within the same trench would require costly by-pass piping. 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.

Upper Reach Second Barrel Project from Glen Anne Turnout to Corona Del Mar Turnout- This would be a continuation of the Modified Upper Reach Reliability Program which ended at Glen Anne Turnout and would complete the second 48" pipeline to extend to Corona Del Mar Turnout approximately 6,700 feet. This is a reliability project, previously approved by the Member Units.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

To approve project list for submittal to the Prop 84 project list.

LIST OF EXHIBITS:

- 1. Comments from the Member Unit General Manager's

Ruth Snodgrass

From: SYRWD - Chris Dahlstrom [cdahlstrom@syrwd.org]
Sent: Monday, August 20, 2012 10:45 AM
To: Ruth Snodgrass; 'Charles Hamilton'; 'Tom Mosby'; 'Bjork, Rebecca'; 'John McInnes'
Cc: 'Cathy Adams'; 'Beth Horn'; Bruce Mowry; Megan Emami
Subject: prop 84:

All,

I have attached ID No.1's comments to the Proposition 84 list. My only other thought is that a CIP and work plan was requested and this list seems to be out front the Board's direction.

Chris Dahlstrom
General Manager
Santa Ynez River Water Conservation District, ID No.1
PO Box 157
Santa Ynez, CA
805-688-6015

From: Ruth Snodgrass [mailto:rsnodgrass@cachuma-board.org]
Sent: Thursday, August 16, 2012 4:23 PM
To: Charles Hamilton; Tom Mosby; Bjork, Rebecca; John McInnes; SYRWD - Chris Dahlstrom
Cc: Cathy Adams; Beth Horn; Bruce Mowry; Megan Emami
Subject:

Yesterday President Hanson requested that all of you be given the chance to review the list of projects COMB is proposing for Prop 84 funding before going to the Board on August 27th. We will need your comments no later than **COB on Monday the 20th**, as the board packet needs to go out on Wednesday. Please email your comments to Megan or myself so that we can prepare the list for the Board. Your assistance will be greatly appreciated.

Thanks,
Ruth

Ruth Snodgrass
Administrative Secretary
Cachuma Operation & Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105
805-687-4011

rsnodgrass@cachuma-board.org

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PAGE 5

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date: August 27, 2012

Submitted by: Megan Emami

Approved by: Bruce Mowry

SUBJECT: Prop 84 Potential Project list

Summary: The second round of Prop 84 funding is available through the Santa Barbara County Inter-Regional Water Management Plan (IRWMP). COMB has been closely involved with the planning process for this funding, and wishes to apply for grant money. Projects must be submitted to the IRWMP website early September for consideration. There are many important projects at COMB, that will be beneficial to COMB's Member Agencies.

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improvements and would pay for the removal of the old pipe and development of the fish passage requirements. Would this be considered a mitigation for work being done on this project? If so, it should be described as such and not as a fish passage project.

Deleted:

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Ruth Snodgrass

From: Charles Hamilton [Charles@cvwd.net]
Sent: Monday, August 20, 2012 4:29 PM
To: Ruth Snodgrass; Tom Mosby; Bjork, Rebecca; John McInnes; SYRWD - Chris Dahlstrom
Cc: Cathy Adams; Beth Horn; Bruce Mowry; Megan Emami
Subject: Prop 84 Potential Project list for COMB

This list is very good for the purpose of identifying potential projects for Prop 84 funding. It does not of course represent any approved or prioritized CIP list. I am also of the impression that other projects may be added and/or substituted in the future. - Charles

From: Ruth Snodgrass [mailto:rsnodgrass@cachuma-board.org]
Sent: Thursday, August 16, 2012 4:23 PM
To: Charles Hamilton; Tom Mosby; Bjork, Rebecca; John McInnes; SYRWD - Chris Dahlstrom
Cc: Cathy Adams; Beth Horn; Bruce Mowry; Megan Emami
Subject:

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Thanks,
Ruth

Ruth Snodgrass
Administrative Secretary
Cachuma Operation & Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93105
805-687-4011

rsnodgrass@cachuma-board.org

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4699 HOLLISTER AVENUE
GOLETA, CALIFORNIA 93110-1999
TELEPHONE 805/964-6761
FAX 805/964-7002

August 20, 2012

Bruce Mowry, General Manager
Cachuma Operation and Maintenance Board
3301 Laurel Canyon Road
Santa Barbara, CA 93015

Re: **Comments on Proposed COMB IRWMP Projects**

Dear Mr. Mowry:

I appreciate the opportunity, afforded by the COMB President, to provide initial comments on the list of potential Integrated Regional Water Management Plan (IRWMP) projects to be proposed by the Cachuma Operation and Maintenance Board (COMB). In the spirit of collaboration, the list appears to contain a number of good projects. However, it is difficult to provide meaningful feedback without knowing the specific details surrounding each of the projects. In consultation with the other COMB Member Units (Member Units), Goleta Water District (GWD) has sought for the past eight months to receive a complete capital plan that professionally presents these and other projects with detailed scopes of work, project budgets, and schedules. To date, the Member Units have yet to see an appropriate capital plan come to fruition. Without such details, GWD will not be able to review or analyze the merits of the proposed COMB IRWMP project list.

Given that this project list is proposed for submission into the IRWMP database for a competitive grant making process, the lack of substantive project information is likely to render COMB's effort to secure regional support moot. Moreover, GWD is concerned that the proposed COMB IRWMP project list contradicts the directions and information provided to IRWMP Cooperating Partners through a June 14, 2012 email from Santa Barbara County (County) consultants, a June 27, 2012 planning meeting, and a July 12, 2012 training workshop on the IRWMP project database.

Specifically, the purpose of the September 14, 2012 IRWMP database submission deadline is for projects that can be competitively considered through a Proposition 84 or Proposition 1E Round 2 (Round 2) grant application. For projects to be seriously considered for selection as part of the Round 2 grant application, they must show significant readiness, inclusive of the ability to demonstrate that the project is part of an existing plan, is technically feasible, has matching funds pre-identified, and is able to complete environmental review and obtain necessary permits within the grant expenditure period.

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The proposed COMB IRWMP project list contains no details regarding how COMB intends to meet these ranking criteria. Accordingly, there is a low level of confidence that any of the listed items would meet the project readiness threshold. Similarly, without providing that information, it would be difficult for the COMB Board to make an informed decision as to which projects merit submission into the IRWMP database for a Round 2 grant application. As we are all aware from the IRWMP planning meetings, projects that are not fully developed have virtually no chance of successfully navigating the screening, scoring, ranking and selection process that will take place prior to an agency being given the opportunity to submit a formal Round 2 grant application.

Worth noting, the County consultant's June 14, 2012 email indicated that conceptual projects or projects at earlier stages of readiness are to be submitted by February 2013 to be considered for inclusion in the final IRWMP. Given this fact, there appears to be adequate time for COMB to facilitate a process that ensures collective Member Units have provided adequate feedback to assist COMB in identifying potential projects. Moreover, this process would ensure COMB is prepared for later (Round 3) grant rounds, when the funding pool is expected to be much larger and could readily accommodate the costly projects you are proposing.

It is time that the General Managers and COMB work with haste to prepare and complete COMB's capital plan. Without such a plan, it is difficult to envision how GWD, or any other individual Member Unit, could support choosing a COMB IRWMP project over other truly vital regional projects that are being discussed outside of the COMB structure by the IRWMP Cooperating Partner agencies, cities, and affiliated organizations.

I hope our continued feedback helps you recognize the serious gap that exists between COMB's unfinished capital planning and related project readiness and how this reality has the potential to undermine regional IRWMP grant competitiveness.

Sincerely,



John McInnes
General Manager

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 27, 2012
Submitted by:	Megan Emami
Approved by:	Bruce Mowry

SUBJECT: COMB Public Outreach Program

SUMMARY:

Throughout Santa Barbara County, COMB facilities are located in residents' yards, driveways, businesses, and roads. It is necessary that the community is made aware of our facilities, and any work that may affect their day-to-day life. In order to keep the community informed and gain their support for what we are doing, COMB is creating a Public Outreach Program.

COMB's Public Outreach Program will get the word out to residents who may be affected by work occurring at COMB facilities; this will raise awareness of who we are and the importance of our system. Reaching out to the community will allow residents voices to be heard, soliciting ideas, concerns and opinions. Residents will be more accepting of projects or impacts if we take their comments into consideration.

The outreach program will begin with the neighbors located below the COMB yard who are affected the most on a daily basis. We will also inform surrounding residents of any projects that may affect traffic or increase noise. The goal of the outreach program is to have all residents with Cachuma Project facilities or easements on their property informed ahead of time of any work.

Outreach with the neighbors at COMB's yard will begin with face-to-face contact and introductions; from there we will get email addresses and email neighbors or send flyers informing them of any projects which may affect them. Once the Public Outreach Program is established, we will utilize the COMB website to keep residents informed. In the beginning stages of establishing the outreach program it is important to get feedback from the neighbors and see what they want.

To date the public outreach program has been working on a revegetation plan for the slope located on the northwest side of COMB's yard. Ed Cateriano, Code Enforcement Officer Building Inspector for the City of Santa Barbara inspected the site in July, he observed that it looks great and he does not have a problem with the grading. August 6th Tim Downey City Urban Forest Superintendent with the City of Santa Barbara met with neighbor Tim Chlorey and Bruce Mowry. Tim Downey stated there was no negative impact on the trees and vegetation, and the fill dirt has enhanced the capture of water. August 16th Tim Chlorey met with USBR to discuss the fill, and on August 20th Tim Chlorey met with Megan Emami and Ruth Snodgrass to discuss the proposed vegetation plan for the slope.

FISCAL IMPACTS:

Unknown at this time.

LEGAL CONCURRENCE:

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PAGE

1

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

Information only

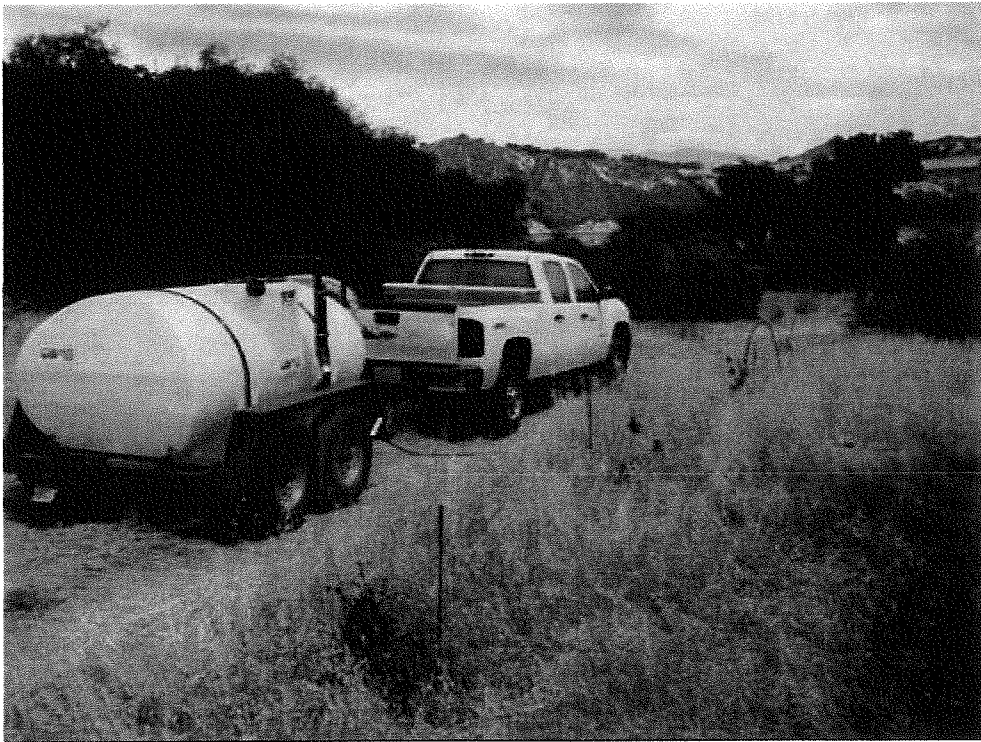
LIST OF EXHIBITS:

N/A

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CACHUMA LAKE OAK TREE RESTORATION PROGRAM

FISCAL YEAR 2013 PLAN



Prepared for: Cachuma Operation and Maintenance Board

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

August 27, 2012

Introduction

The Cachuma Operation and Maintenance Board (COMB), with the assistance of Kenneth A. Knight from Kenneth A. Knight Consulting (Registered Consulting Arborist), are now implementing the Cachuma Lake Oak Tree Restoration Program (Program). The following is the Fiscal Year 2013 Plan (Plan) that describes current conditions and the Program implementation. The Registered Consulting Arborist was retained for the current Fiscal Year (July 1, 2012 through June 30, 2013) to be the contracted arborist for the Program. The Registered Consulting Arborist's recommendations originate from standards established by the International Society of Arboriculture Best Management Practices for tree planting and maintenance.

The Fiscal Year 2013 Plan (Plan) is presented below and is an evolving document that will be updated periodically throughout the year as experience, knowledge and resources are gained. We are currently entering into year eight (8) of this twenty (20) year restoration project. The specific tasks outlined in this Plan are listed by month with an annual estimate of staffing time and materials needed to complete the program. The referenced tasks include a current conditions assessment, an ongoing maintenance program, a vital monitoring program and progress and annual reporting (inventory and lakeshore survey) on implementation of the plan.

Background

In 2004, the U.S. Bureau of Reclamation (Reclamation) extended the flash boards on Bradbury Dam to the top of the radial gates by four feet. This allows for the surcharging of Lake Cachuma from 750 to 753 feet above mean sea level. At that time, this additional storage water was calculated to be 9,200 acre-feet and was designated to support the fisheries activities below Bradbury Dam.

Surcharging Lake Cachuma was listed as a proposed action in the Cachuma Project Biological Opinion (BO) (NMFS, 2000). Environmental impacts from that action were described and covered in the EIR/EIS for the Lower Santa Ynez River Fish Management Plan and BO for southern steelhead trout (COMB and USBR, 2004). The environmental impact from surcharging Lake Cachuma was determined to be adverse but not significant (Class III) due to the small acreage involved. The 2004 EIR/EIS states that Reclamation will be conservative in their count of impacted shoreline oak trees by including in their final count dead and impacted (threatened or at-risk) trees. The EIR/EIR recommended an initial replacement ratio of 5:1 in order to reach a final 2:1 replacement ratio at 20 years with the mitigation number set at 10 years after surcharging began (i.e., 2015).

Increasing storage in the lake during surcharge events can impact near shore oak trees by inundation or wave action. In 2005, the Cachuma Lake Oak Tree Restoration Program was put in place to mitigate the potential loss of oak trees around the shoreline of Lake Cachuma from surcharge operations. An oak tree specialist was contracted to run the project and continued to be utilized for the past seven years.

The effect of surcharging on lakeshore oak trees was observable from 2005 onward. The reservoir was fully surcharged for the first time on January 14, 2005 and subsequently on May 7,

2006 and more recently on May 5, 2011. During 2011, which was a historic rainfall year, the lake was held at or near full surcharge for an extended period of time. This was the first time a full surcharge had been maintained over the course of several months. The surcharge continued through August of that year.

For six consecutive years starting in Fiscal Year 2005-2006 (Year 1), oak trees have been planted and maintained by the previous oak tree specialist in accordance with a mitigation plan. Mitigated oak trees have been planted in two areas around Lake Cachuma: Storke Flats and slightly downstream of Bradbury Dam (Figure 1). The number of trees planted each year and their survival rate as of July 25, 2011 are presented in Table 1. In Fiscal Year 2011-2012 (Year 7), no new oak trees were planted.

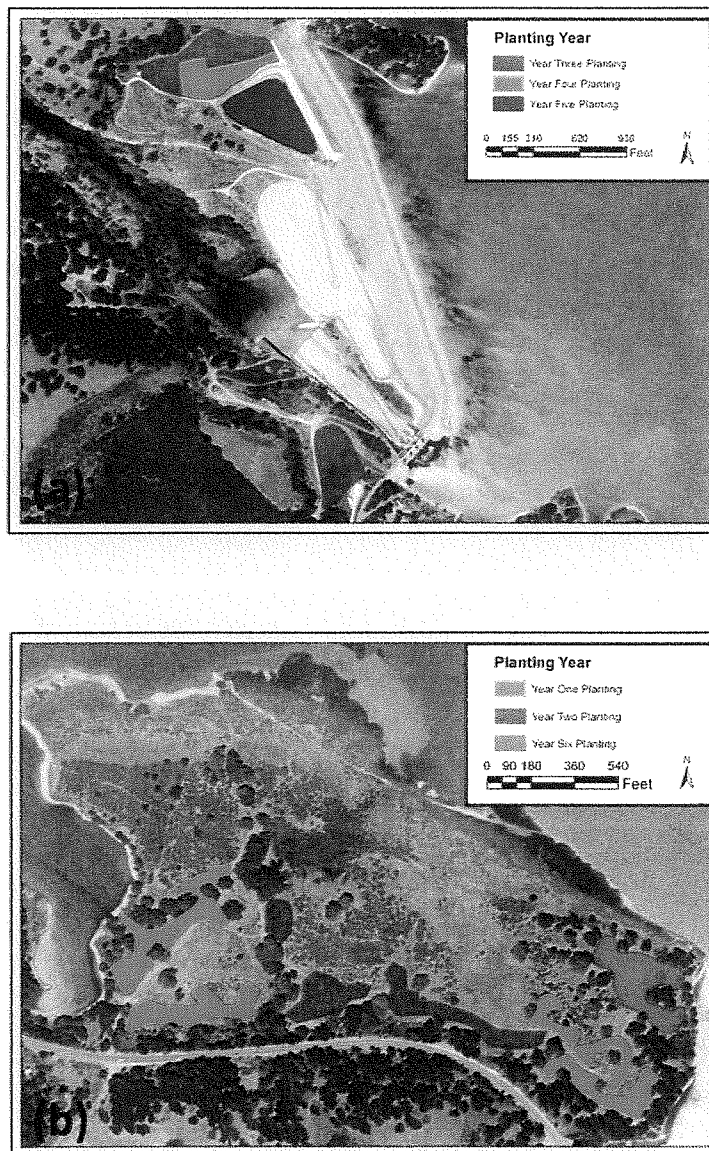


Figure 1: Location of planted trees near Lake Cachuma.

According to the Annual Progress Report for 2012 (Fournier, 2012b), 2,256 oak trees have been planted and 2,083 have survived at an average survival rate of just over 93% (Table 1). To date, three Lakeshore surveys for oak tree death or at-risk from surcharging have been conducted (2005, 2007 and 2012). The 2012 Lakeshore Monitoring Report (Fournier, 2012a) states that 879 trees have perished around the lake due to lake surcharge operations, while 813 additional trees are at-risk as they lie directly on the border of the inundation zone. Taking into consideration only the number of perished trees, the project is currently above our 2:1 replacement ratio (2108:879).

Table 1: Planted oak trees for the Cachuma Lake Oak Tree Restoration Program.

Fiscal Year	Tree Status:			Survival Rate 2012
	No. Planted	When Planted*	Alive	
Year 1 (2005-2006)	375	Winter-06	333	88.8%
Year 2 (2006-2007)	375	Jan-07	325	86.7%
Year 3 (2007-2008)	375	Dec-07	348	92.8%
Year 4 (2008-2009)	375	Dec-08 + Jan-09	338	90.2%
Year 5 (2009-2010)	379	Jan-10	371	97.9%
Year 6 (2010-2011)	377	March-11	368	97.6%
Totals:	2256		2083	92.3%

*Reported by month or season depending on the 2012 Annual Report (Fournier, 2012b).

Additional work is needed to determine the total number of trees to be mitigated by the end of the 10 year mark in 2015 which, in turn, will identify the mitigated number of planted mature trees at the end of the 20 year mitigation period. As of 2012, the total number of trees to be mitigated is 879, which is the total number of dead trees to date. At a two to one mitigation ratio, this would require $879 \times 2 = 1,758$ trees to be living at year 2025. The 1,758 number needs to be increased by the total number of at-risk trees, previously identified at 813, to abide by the conservative margin set forth in the EIR/EIS.

It is recommended that careful protocols be written for the Lakeshore Survey and that in October 2012 an additional survey be conducted to identify and project how many of the 813 trees are anticipated to die by 2015. The total number of mitigated trees will most likely increase from the original 2012 baseline of 879 dead trees due to the effects of surcharging Lake Cachuma for a prolonged period during 2011.

A complete survey of the 2,256 trees planted to date will also be conducted in the fall of 2012 to determine; a) if the 46 planted trees listed as missing can be located, b) to verify if the 2,083 remaining trees are still alive, and c) to determine if any trees under five feet tall should have deer protection barriers reinstalled. A tree less than five feet tall is subject to continual browsing by deer which will prevent the tree from growing to a height tall enough to be considered a replacement tree at the end of the 20 year mitigation period.

Other factors need to be considered into the target number of planted mitigated trees. First, if the current six year 93.5% survival rate is applied every six years, approximately 275 to 300 of the mitigation trees may die over the next fourteen years until the end of the mitigation period,

removing them from the total number of trees available for compliance. Second, the survival rate decreases with time (see Table 1). At the target year of 2025, the survival rate will likely be less than 93% as indicated by Year 1 and Year 2 survival rates, which is more likely to be the long-term success. These two factors suggest the need for additional oak trees to be planted.

After the two surveys are completed in the fall and staff has more confidence in the numbers, a recommendation will be made to the COMB Board as to whether additional oak trees should be planted to meet mitigation requirements, the total number of oak trees suggested to be planted, and potential planting locations. If additional trees are to be planted, possible implementation could begin as soon as November and December (the recommended planting season) of this year pending a Board directive.

Condition of Oak Trees (July, 2012)

When COMB began implementation of the Program in July of 2012, the Registered Consulting Arborist (herein referred to as the Arborist) and COMB assessed each age class of oak trees planted during the period from 2006-2011. For reference, Year 1 oak trees were planted in the fall of 2005, and Year 6 oak trees were planted in the winter of 2011. In general, the state and health of the oak trees ranged from good (Year 6 and Year 5), to fair (Year 4 and Year 3), to poor (Year 2 and Year 1). This loose definition is used to describe the general condition of an entire age class of planted oak trees, rather than specific oak trees. There are oak trees in each age class that are thriving and appear to be in excellent condition. On the other hand, there are oak trees in each class that are either dead, are in very poor condition, or are missing. The paragraphs below describe the current condition of the trees as observed by COMB staff and the Arborist in July and August 2012. The elements of condition discussed include issues with irrigation, weeding, protective caging, mulching, irrigation tubes, planting, tree condition, and inventory.

Irrigation

Due to below average rainfall in the winter and spring of 2012, the newer age classes of oak trees (Year 6 & Year 5) appeared stressed and needed irrigation. In particular, the valley oaks (*Quercus lobata*) compared to coastal live oaks (*Quercus agrifolia*) in all age classes (Years 1-6) showed signs of water deficiencies. Valley oaks prefer relatively moist soils where they can extend their roots deep and tap into the water table (Costello et al., 2010). Many of the valley oaks observed in July were partially defoliated and showed extensive branch dieback which is an obvious symptom of water deficiency (Figure 2a).

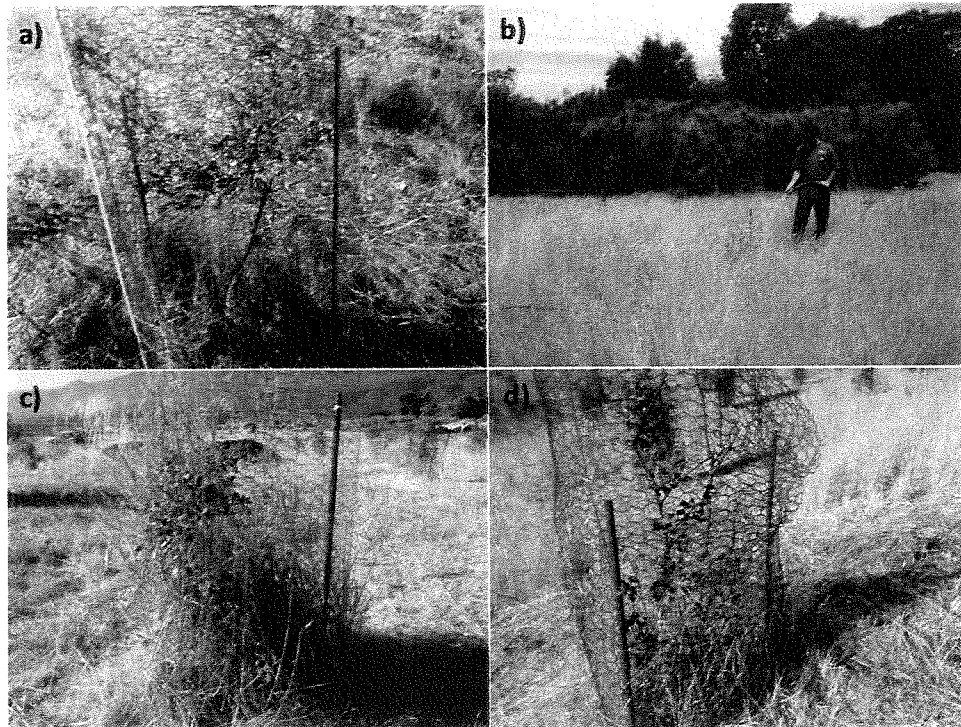


Figure 2: Oak Tree Program showing a) valley oak defoliated from water deficiency, b) weed growth around Year 6 oak trees, c) weed growth inside protective cage, and d) cage damage from long-term deer browsing.

Weeding

Weeds and tall grasses were prolific in and around all age classes of trees during first observation of the oak tree planting locations. Weeds had grown to 3-4 feet in height, blocking some of the essential sunlight required by the newer smaller age classes of oak trees (Figure 2b). This was particularly evident in the Year 6 and Year 5 trees, where it was difficult to locate them through the tall grasses. Weed whacking was necessary around the perimeter of the oak tree cages and hand weeding was needed on the inside of the cages as well (Figure 2c).

Protective Caging

Protective caging to eliminate deer browsing had been installed on all newly planted oak trees since the beginning of the Program in 2005. In general, 4-foot high chicken or welded wire fencing was the material used for caging the trees. As expected, the protective caging on the Year 6 and Year 5 oak trees appeared to be in good condition, which is preventing deer browsing and other browsing animals such as rabbits from damaging the oaks. These trees are still relatively small (1-3 feet in height), and the 4-foot cage height is currently tall enough to prevent deer from browsing the tops of the oaks. However, the Year 6 and Year 5 oaks with low-lying branches that had grown outside of the cage showed evidence of deer browsing.

The protective caging on oaks from Year 4 and Year 3 showed signs of damage from the local deer population (Figure 2d). Many cages had their tops and sides pushed down, a result of deer leaning on the cages to access the tender new oak leaves as they formed. A large portion of these older oak trees (4-5 years old) had been browsed down to 1-2 feet in height (Figure 3a). The Year 2 and Year 1 oak trees had suffered the same fate, as many of the originally installed

protective cages had been removed. As a result of the cages being removed, the local deer population has browsed many of these maturing trees down to 1-3 feet in height (Figure 3b and 3c). Some of the oaks survived the heavy browsing and managed to reach a height greater than the reach of the deer (maximum browse height is estimated to be 6 feet), however, the middle sections of these oaks continue to be eaten (Figure 3d).

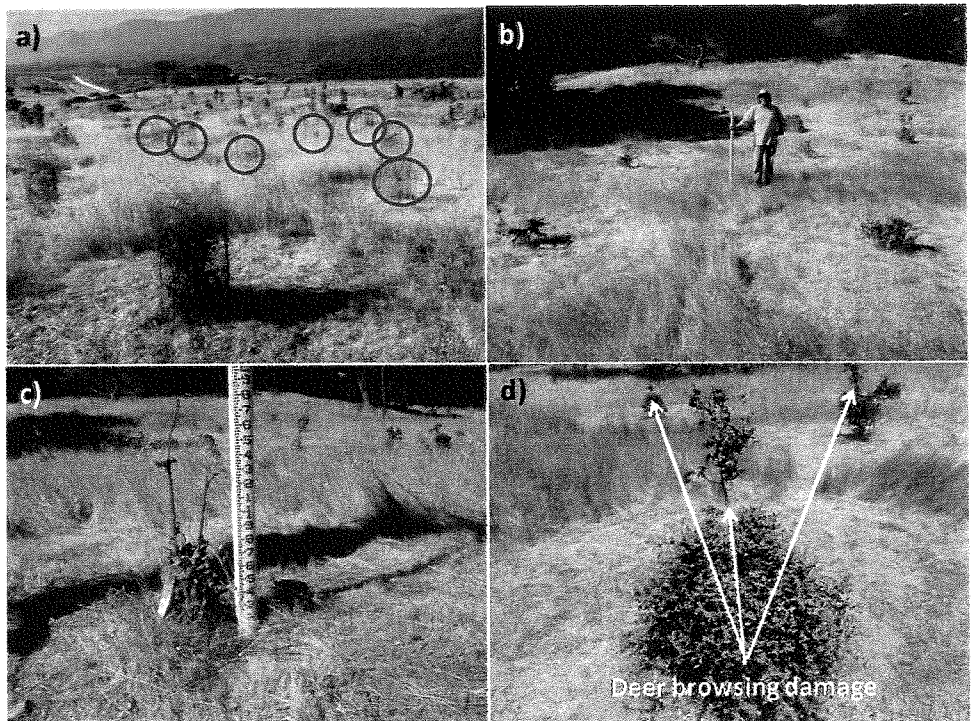


Figure 3: Oak Tree Program showing a) Year 4 and Year 3 trees only 1-2 feet in height, b) Year 2 trees only 1-2 feet in height, c) close-up of Year 2 tree height, and d) deer browsing on middle of Year 1 trees.

Mulching

Staff observed a lack of suitable ground cover (mulch) in and around all age classes of oak trees (Figure 4a). It appeared as though no mulching efforts had been implemented in recent years, and the combination of a dry water year and no mulch had likely manifested early soil moisture deficits. Newly planted oaks are especially sensitive and need a surrounding mulch layer to retain moisture during the dry season. This deficit of mulch was observed during the July 2012 inspection and was partially to blame for the poor condition of some trees. In contrast, years of direct irrigation had caused the surrounding soil to pile up against the trunks on the majority of the oak trees. This was leading to poor air circulation around the trunks and root collars (root crown) on many of the oak trees.

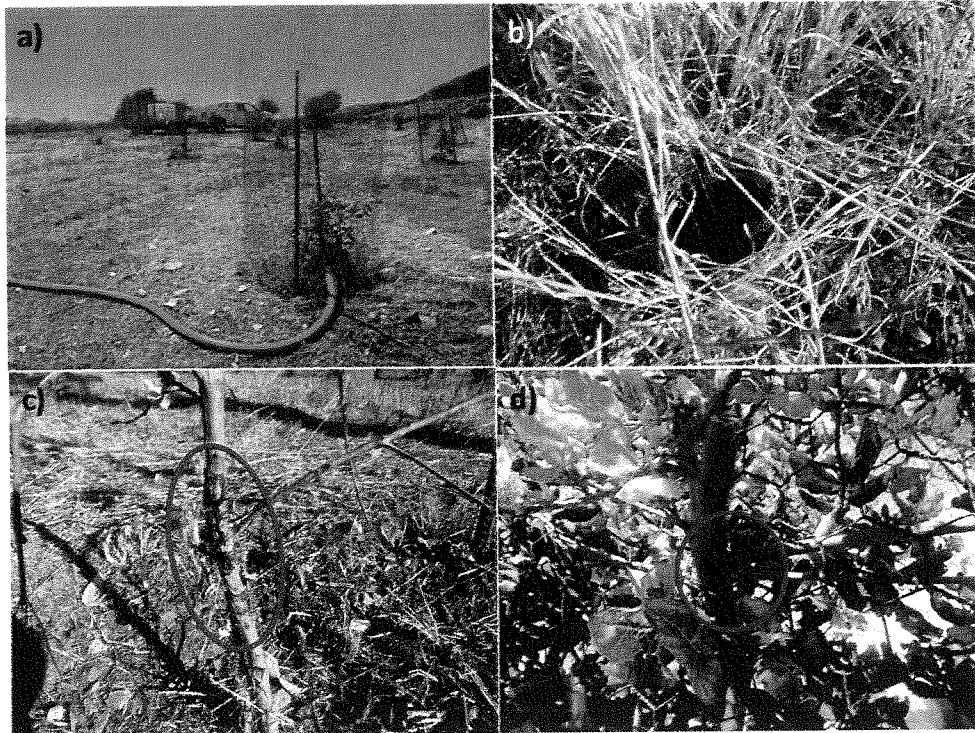


Figure 4: Oak Tree Program showing a) Year 5 oak trees with no ground covering (mulch), b) irrigation tube with damaged cap, c) dead Year 5 oak as a result of trunk injury, and d) Year 1 oak branch being restricted by cage.

Irrigation Tubes

Nearly all of the assessed oak trees contain plastic irrigation tubes that were installed during each planting cycle (Figure 4b). The original methodology contained the idea that the irrigation tubes would promote downward growth by focusing water underground towards the root ball and tap root. The Arborist, citing professional standards, strongly suggests that watering through the irrigation tubes should be discontinued, and that the tubes should ultimately be removed. The irrigation tubes actually increase evaporation in the soil through the tubes and expose tree roots to the air and, as a result, the tree will not grow adequately for long-term survival. In addition, the screens on many of the watering tubes have either fallen apart or have holes chewed through them, allowing pests and rodents direct access to the root ball.

Planting

Additional observations during the July, 2012 inspection include issues regarding how the trees were originally planted. In many locations, mechanical augering was used to dig holes and trees were planted below the general soil surface elevation to create depression that could act as a soil berm for water retention. Those depressions encourage the proliferation of fungal diseases due to excess soil moisture at the base of the tree during the rainy season. In some cases, no soil berms were installed at all during planting. Ideally a small soil berm should be installed at planting and maintained to allow moisture retention during irrigation but have drainage during rainfall events. Mulch can serve as a soil berm. Management actions are being taken to improve this issue.

Tree Condition

The condition of the oak tree is documented upon the annual inventory of all six years of trees planted. Several issues persist that need to be addressed. Damaged bark has been observed on Year 3, 4 and 5 trees that was most likely caused by weed whacking too close to the tree trunk, as well as rodents and pests eating the supple bark of new saplings, was very evident on several age classes of oaks. In some cases, dead oak trees were clearly the result of this damage (Figure 4c). Some of the larger oak trees (mainly Year 2 and Year 1 oaks) that still contained protective caging had thick lateral branches growing out the sides of existing cages causing a “tourniquet” effect (Figure 4d). These cages need to be cut out around the branches and removed. Some of the heavily browsed oaks are missing a central leader (or main stalk), and formative pruning is necessary to encourage vertical growth. Although the oak trees were supposed to be planted a minimum of 15 feet apart, many were planted closer than the planting criteria (Figure 5). Trees planted in close proximity to one another will likely lead to competition for sunlight, water, and nutrients and will manifest stunted growth as a result over the long-term.

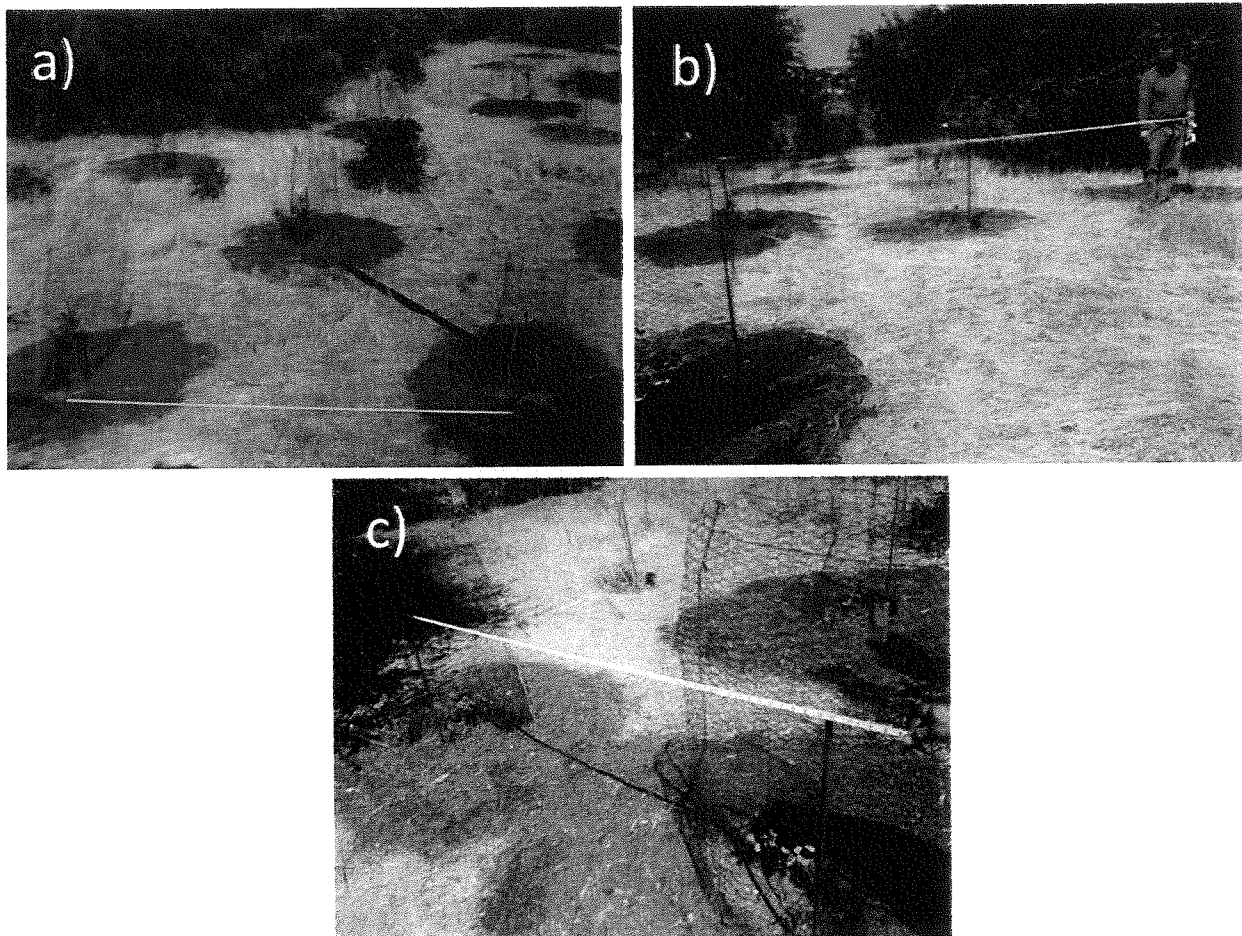


Figure 5: Examples of oak trees planted in close proximity that were less than 15 feet apart; a) the tape is stretched 11 feet and the stake is 8 feet long, b) the tape is stretched 15 feet, and c) the tape extends 7 feet.

Inventory

The current inventory of the oak trees (Fournier, 2012b) provides a list of how many oak trees are alive or dead, their height and species composition. Although these are useful metrics, this inventory technique does not enable the staff to track the needs, results, and maintenance requirements of a long-term, successful mitigation project. Some of the recommended additions to the new inventory procedure include parameters on cage condition, mulch presence, weeding, and pruning. Detailed photo documentation, as well as GPS locations of individual oaks, will alleviate any confusion regarding missing trees and will provide a template for long-term maintenance requirements.

Fiscal Year 2013 Plan

Based on our findings, the following describes needed Best Management Practices (BMPs) as observed as of July 2012 and the implementation (maintenance and monitoring) strategy for the Plan.

Recommended Best Management Practices

Irrigation: Oaks planted in zones where rainfall does not occur throughout the year, such as the Mediterranean zone of the Santa Ynez Valley, may need additional water during the dry season until the trees are established. Irrigation plans should specifically address adaptive traits of the species to be irrigated as well as the environmental conditions of the site. Although the initial tap root of an oak can be deep, water applications should target the surface 1 to 2 feet of soil (Costello et al., 2010). This is where the lateral and fine roots are concentrated, and where the greatest potential for water absorption can be expected. It is better to provide one substantial irrigation application (approximately 20 gallons/tree) rather than two or three smaller irrigation applications per month, as this distributes water more extensively through the root zone and reduces the potential for root disease development. Watering should occur around the circumference of the tree and surrounding area, rather than direct pressure watering near the base of the tree (Figure 6a).

Weeding: All vegetation should be kept 1 foot away from the trunk, allowing the root collar to be exposed to air and sunlight (Figure 6b). General weeding should be done in a 10 foot radius around each tree. Tall grasses and weeds also block essential sunlight to low-lying oak leaves, which is necessary for vertical tree development. Weed trimming should occur in the spring when grasses are expected to be prolific, followed by additional weeding in the summer and fall on an as needed basis.

Protective Caging: The current 4-foot chicken wire fencing on the majority of the oak trees was designed to inhibit deer browsing. Although this type of fencing works well during the first 1-2 years, it does not provide enough protection once the tree is established and begins to grow. Lateral growth is confined to the dimensions of the rigid cage, and in cases where branches grow through the cage; the deer can browse these branches inward toward the cage perimeter. Vertical growth is also limited as soon as the deer can reach to top branches of the oak tree, essentially leaving a shrub instead of a well-developed central trunk. It is important to note that if the trees

have not grown above the deer browsing height limit of 6 feet, they will likely be damaged once the cages have been removed.

The recommended tree cage design involves re-staking the perimeter with three 8-foot wooden stakes with ample spacing for tree growth, and using protective plastic deer netting measuring 6-7 feet in height (Figure 6c). All 4 foot chicken wire fencing should be augmented or replaced to reach the desired 6 foot high protective fencing. Plastic deer netting is also significantly cheaper than the metal caging currently found on the trees.

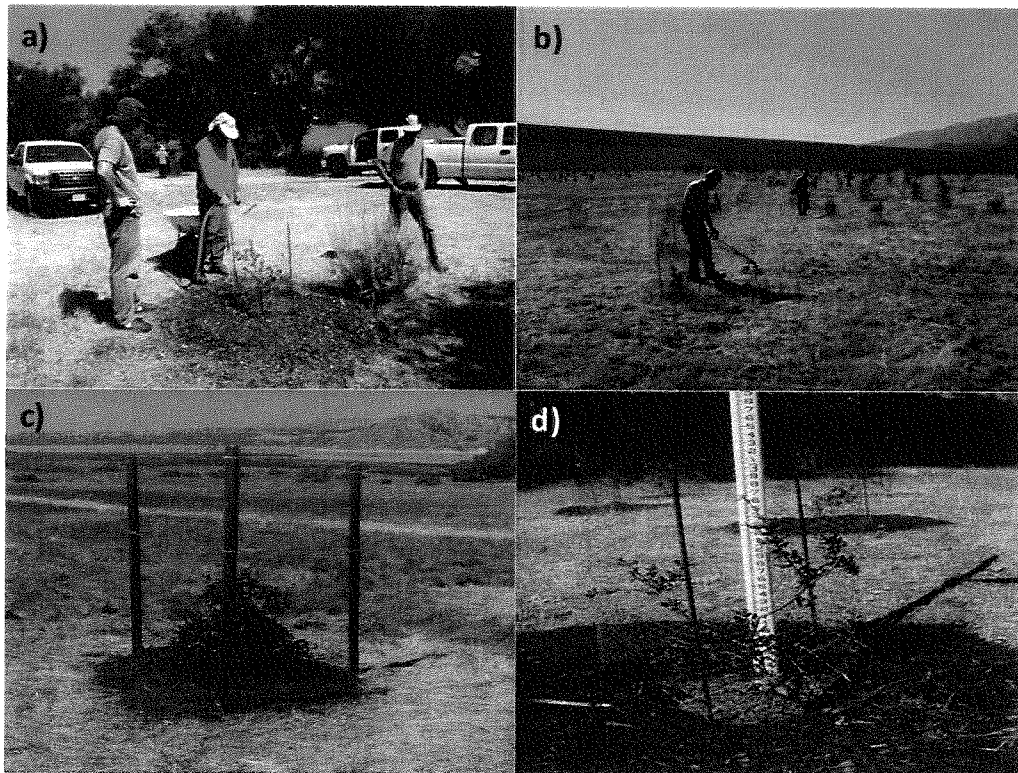


Figure 6: Oak Tree Program showing a) Arborist training staff on proper irrigation, b) CCC crew weeding the outside of the oak cages, c) newly designed deer protection fencing and stakes, and d) proper mulch application around oak tree.

Mulching: Mulching is one of the least expensive yet most effective horticultural practices for maintaining oak health (Costello et al., 2010). Newly planted oaks (1-2 years) contain shallow root structures, so providing appropriate ground cover is a high priority. Mulching conserves water by reducing evaporative losses, moderates the soil temperature, improves soil structure, enhances soil microorganism activity, suppresses weed growth, and protects the soil surface from compaction. Mulch should be placed approximately 1-2 feet beyond the trunk base, extending out to where the roots are anticipated to be present (4-5 feet beyond the trunk). Mulch should be applied to a depth of 3 to 4 inches and should not be up against the tree trunk (Figure 6d).

Irrigation Tubes: Irrigation tubes, a technique implemented by the past oak tree specialist, may actually increase evaporation in the soil and expose tree roots to the air and allow entry of pests. Irrigation tubes will be systematically removed during the rainy season when soils are loose,

allowing easier tube extraction. Holes will be filled in with soil and mulch. In the event that irrigation tubes are not able to be extracted, they will be cut off at the soil level and filled in with soil.

Planting and Tree Maintenance: Watering berms created by soil and mulch piles are beneficial during the dry season as they concentrate water in and around the area where shallow, lateral oak roots are developing. During the rainy season, watering berms can be detrimental as water can accumulate around the root collar and cause fungal disease to form.

It is recommended that the soil be pulled back at least 4 inches from the trunk down to the root collar (Watson and Himelick, 2005). The objective of this task is to allow continuous air circulation around the trunk, as moist soil adjacent to the trunk increases the likelihood of fungal diseases which can lead to tree failure.

Young oak trees need to have a strong, well-established central leader to promote vertical growth and long-term survival (Costello et al., 2010). This is particularly the case in areas where deer browsing can severely limit vertical growth. Establishing a central branch helps to create a strong structure, preventing future tree failure, reducing long-term maintenance costs, and enhancing tree longevity. Formative pruning will take place each fall, beginning with Year 1 and Year 2 oaks that have suffered long-term deer browsing and lack a central leader.

Inventory: A comprehensive oak tree inventory will provide a more detailed list of parameters, allowing for better tracking of the maintenance and monitoring needs of the Program. Photo and GPS documentation should alleviate any discrepancies in survivorship and missing trees. A new inventory of trees has already begun with Year 6 oaks and should conclude with Year 1 oaks toward the end of fall (2012). Once the new inventory is completed, a recommended planting plan (if needed) can be developed.

Maintenance and Monitoring

As of the beginning of FY13, COMB has the necessary equipment to carry out the maintenance program which includes, an 800 gallon watering tank on a trailer with sufficient pumps and hoses, a towing truck to access all planted locations, and the tools and necessary equipment to maintain the trees and their protective cages. The Registered Consulting Arborist will be onsite as often as needed to assure continued survivorship and maintenance of the planted trees, specifically in the quantity and frequency of tree irrigation, weed control, maintenance of cages for deer protection around each tree, and document preparation. The Arborist will report to the COMB oak tree Program manager and general manager.

Table 2 presents the maintenance, monitoring, and reporting schedule that will be performed by COMB staff for Fiscal Year 2013 (Year 8). This schedule of tasks include regular inspection, maintenance of tree basins (watering berms and clearing around trunks), watering Year 5 and Year 6 (once a month) trees, weeding at least 10 feet around each tree twice a year, providing protective oak tree cage maintenance, mulching, and inventory surveying and documentation. Irrigation water for the Storke Flat trees will be obtained from a trash pump and piping system next to the shoreline at Storke Flat. The Bradbury Dam Outlet Works will provide water for the

sites downstream of the dam. Watering will begin and continue as needed with regard to field conditions. COMB will collaborate with Reclamation staff at Bradbury Dam to assist in mowing around oak trees. The access road to all oak trees on Storke Flat will need some level of repair each spring. COMB will bring the necessary equipment to Storke Flat in the spring of 2013 in order to complete this task. Road maintenance should occur in the spring due to fire concerns as well as taking advantage of the softer soil condition during the wet season.

Table 2: Maintenance schedule for the Oak Tree Program.

Trees	Location	Consultant Site Visit	Watering ¹	Weeding ²	Deer Protection	Access Road ³	Mulching ³	Tree Basin ³	Documenting & Reporting ⁴
Year 1	Storke Flats	Monthly	an	Twice/yr	an	Once/yr	Once/yr	Once/yr	Once/yr
Year 2	Storke Flats	Monthly	an	Twice/yr	an	Once/yr	Once/yr	Once/yr	Once/yr
Year 3	Bradbury	Monthly	an	Twice/yr	an	Once/yr	Once/yr	Once/yr	Once/yr
Year 4	Bradbury	Monthly	an	Twice/yr	Monthly	Once/yr	Once/yr	Once/yr	Once/yr
Year 5	Bradbury	Monthly	Monthly	Twice/yr	Monthly	Once/yr	Once/yr	Once/yr	Once/yr
Year 6	Storke Flats	Monthly	Monthly	Twice/yr	Monthly	Once/yr	Once/yr	Once/yr	Once/yr

¹ "an" - as needed.

² Late spring and early fall.

³ Late spring.

⁴ June.

Reporting

An inventory of oak tree survival and growth rates will be conducted in the late spring 2013. This will provide the data needed for the annual report which will be completed by the end of June 2013. The annual report will be written under the guidance of the contracted Arborist.

In 2012, it is recommended to conduct a fall inventory of the trees planted and a lakeshore survey to evaluate the findings in the 6/30/12 Annual Report and 2012 Lakeshore Monitoring Report but also to evaluate the strategy in meeting COMB's mitigation requirements. Recommendations will then be made to the COMB Board on whether more oak trees should be planted and possible locations of plantings in order to meet the compliance target of 2:1 after 20 years. Advice on the frequency of a Lakeshore survey will also be provided.

Estimated Staff and Consulting Time

Estimated COMB staff and consultant time for the maintenance, monitoring and reporting for this project are presented in Table 3.

Table 3: Estimated staffing and consulting needs for this project during Fiscal Year 2013 (FY13).

Task	Number of staff hours per month during FY13:											
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
COMB Staff:												
Watering	80	44	64	64	64					64	64	64
Weeding	85	4										
Deer Protection	12	92	32							48		
Berms/Soil Level	1				24	24						
Mulching	10	78.5										48
Access Road									16			
Tube Capping/Removal			32		32	32		64				
Inventory	3	10		56							72	
Lakeshore Survey				36								
Documentation	12.5	14	10	9	9					3	3	12
Total Staff Hours:	203.5	242.5	138.0	165.0	129.0	56.0	0.0	64.0	16.0	115.0	139.0	124.0
Consultant:												
Consultant Service (Ken Knight):	12	40	24	32	8	0	0	0	0	32	32	32

COMB staffing options include Fisheries staff, Conveyance staff, Seasonals, USBR dam tenders, and California Conservation Corps (CCC) members. Utilizing the CCC could be a great cost savings for weeding, deer protection, tree basins and mulching. The consultant time is anticipated to be approximately 2 days per month.

Status

Each month COMB will provide an updated table of completed maintenance and monitoring tasks for each year class of oak trees (Table 4). Listed tasks will follow the recommended BMPs and projected maintenance schedule as described above.

Table 4: Status of completed tasks for the Oak Tree Program.

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

*Valley Oaks watered

Summary

The Oak Tree Program began with the first planting of oaks (Year 1) in 2005, and has been maintained by an oak tree specialist through June, 2012 in accordance with a general mitigation plan. Each year COMB has received an Annual Progress Report from the previous oak tree specialist. After several site visits by COMB staff and the contracted Arborist in July and August of 2012, it appears that the condition of the oak trees was not well represented in the recent Annual Progress Reports.

It has become clear that a new course of maintenance and monitoring is needed in order to prevent additional oak tree mortality, as well as to insure the long-term (2025) viability of the trees and target objective of the mitigation effort. Although the majority of planted oak trees are alive to date, many trees need immediate attention (new protective cages, irrigation, weeding, and mulch) in order to survive. Significant portions of Year 1 through Year 4 oak trees have not

been able to reach their growth potential due to a variety of environmental factors and without a clear maintenance schedule. The Year 5 and Year 6 oaks will be in the same predicament in several years if treatment were to remain unchanged. COMB has the resources and staff to bring the Oak Tree Program to the next level at this crucial time period and assure successfully meeting mitigation targets of mature oak trees at year 2020. There are Federal, State and County standards for what would be considered a successful mature mitigated oak tree, Santa Barbara County having the most stringent criteria of the three at a minimum of 8 feet tall (Santa Barbara County, 2003).

The future success of the Oak Tree Program will rely on monitoring the health of the oak trees during every site visit and quickly taking action if any problems or deficiencies arise. Modifications to the monitoring, maintenance and reporting program will be ongoing following guidance from the contracted Arborist and valuable experience gained by staff throughout implementation of the Plan.

References

COMB and USBR. 2004. Final program and project specific Environmental Impact report / Environmental Impact Statement, Lower Santa Ynez River Fish Management Plan and Cachuma Project Biological Opinion for southern steelhead trout. Prepared by URS Corporation for the Cachuma Operation and Maintenance Board and United States Bureau of Reclamation, Department of the Interior.

Costello, L. R., B. W. Hagen and K. S. Jones. 2010. Oaks in urban landscapes: selection, care, and preservation. Oakland, University of California Agriculture and Natural Resources Publication.

Fournier, M. 2012a. 2012 Lakeshore Monitoring Report for the Cachuma Lake Oak Tree Restoration Program. Prepared for the Santa Ynez River Water Conservation District ID#1.

Fournier, M. 2012b. Cachuma Lake Oak Tree Restoration Program, Annual Progress Report. Prepared for Cachuma Operation and Maintenance Board.

NMFS. 2000. Cachuma Project Biological Opinion, U.S. Bureau of Reclamation operation and maintenance of the Cachuma Project on the Santa Ynez River in Santa Barbara County, California. National Marine Fisheries Service, Southwest Region.

Santa Barbara County. 2003. Deciduous oak tree protection and regeneration, Article IX of Chapter 35, Santa Barbara County Code. Planning and Development, Santa Barbara.

Watson, G. and E. B. Himelick. 2005. Best Management Practices, Tree Planting. Champaign, IL, International Society of Arboriculture.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date: 8/27/2012
Janet Gingras, Scott
Volan and Tim
Submitted by: Robinson
Approved by: Bruce Mowry

SUBJECT: Projected Costs of the Cachuma Oak Tree Restoration Program for Fiscal Year 2013

SUMMARY:

Exhibit 1 lists projected costs for implementing the Cachuma Oak Tree Restoration Program for Fiscal Year (FY) 2013. Estimated costs include labor, consultant fees, equipment, supplies, fuel, and vehicle usage, which totals \$61,961. Consultant costs to fully implement the program during FY 2012 were \$79,439.

FISCAL IMPACTS:

There is an apparent cost savings of \$17,478 between FY 2012 and FY 2013. In the COMB FY 2013 Budget, there is only \$20,000 for the oak tree consultant. COMB labor, material costs and vehicle expenses are coming out of the general COMB Budget.

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

This project is being done to mitigate the loss of oak trees around Lake Cachuma from surcharge operations that started in 2005.

COMMITTEE STATUS:

N/A

RECOMMENDATION:

For information only.

LIST OF EXHIBITS:

1. Cachuma Oak Tree Restoration Program Projected Costs for Fiscal Year 2013.

Cachuma Oak Tree
Restoration Program
Projected Costs
FY 2012-13

Description	J-2012	A-2012	S-2012	O-2012	N-2012	D-2013	J-2013	F-2013	M-2013	A-2013	M-2013	J-2013
Water Trailer	\$143.70	\$143.70	\$143.70	\$143.70	\$143.70	\$143.70	\$143.70	\$143.70	\$143.70	\$143.70	\$143.70	\$143.70
Deer Fencing*	\$48.00	\$552.00										
Fencing Stakes*		\$1,680.00										
Zipties*		\$70.00										
Mulch (small)	\$75.00	\$75.00										\$75.00
Mulch (large)		\$100.00										
Hose		\$80.00										
Splitter/Fittings	\$50.50											
Fuel/Mtce (Chevy 2500)**	\$111.00	\$66.60	\$88.80	\$88.80	\$88.80	\$88.80				\$88.80	\$88.80	\$88.80
Fuel/Mtce (Silverado-Fisheries)	\$88.80	\$133.20	\$88.80	\$66.60	\$66.60	\$66.60	\$66.60			\$44.40	\$66.60	\$44.40
Fuel/Mtce (Colorado-Fisheries)	\$44.40	\$44.40	\$44.40	\$44.40								
Fuel/Mtce (Trash Pump)	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20	\$22.20				\$22.20	\$22.20	\$22.20
Fuel/Mtce (Generator)	\$44.40	\$22.20	\$44.40	\$44.40	\$44.40	\$44.40				\$44.40	\$44.40	\$44.40
Fuel/Mtce (Posi-track)									\$177.60			
Fuel/Mtce (Trailer for posi-track)									\$133.20			
Personnel / Consultant Cost	\$7,600.00	\$10,041.50	\$4,476.00	\$8,214.00	\$3,510.00	\$1,088.00	\$0.00	\$2,512.00	\$640.00	\$4,666.00	\$5,242.00	\$5,200.00
CCC - Full Crew		\$1,800.00										
Total:	\$8,228.00	\$14,830.80	\$4,908.30	\$8,624.10	\$3,875.70	\$1,298.30	\$143.70	\$2,722.30	\$1,094.50	\$5,009.50	\$5,607.70	\$5,618.50

Total: \$61,961.40

*Approx. 300 Year 1 and Year 2 oaks need material for caging
 **All three work trucks get approx. 18 mpg on avg. Travel distance = 18 & 21 miles from COMB to Storke and Dam, respectively-
 so all trucks generally burn 2 gallons per roundtrip. Also assumes an average fuel cost of \$3.89/gallon



CACHUMA OPERATION AND MAINTENANCE BOARD (COMB)

August 27, 2012 BOARD REPORT

Report By: David Baum

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 Annie 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 Annie Road. Project begins at the South Portal of the Tecolote Tunnel and terminates at the Glen Annie 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	250 days
Remaining Time (complete all work):	110 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:	\$3,505,597
10% Retention	\$350,560
Total Paid to Date	\$3,155,038
Balance to Finish, Plus Retention	\$793,959
% of Work Completed to Date	89%

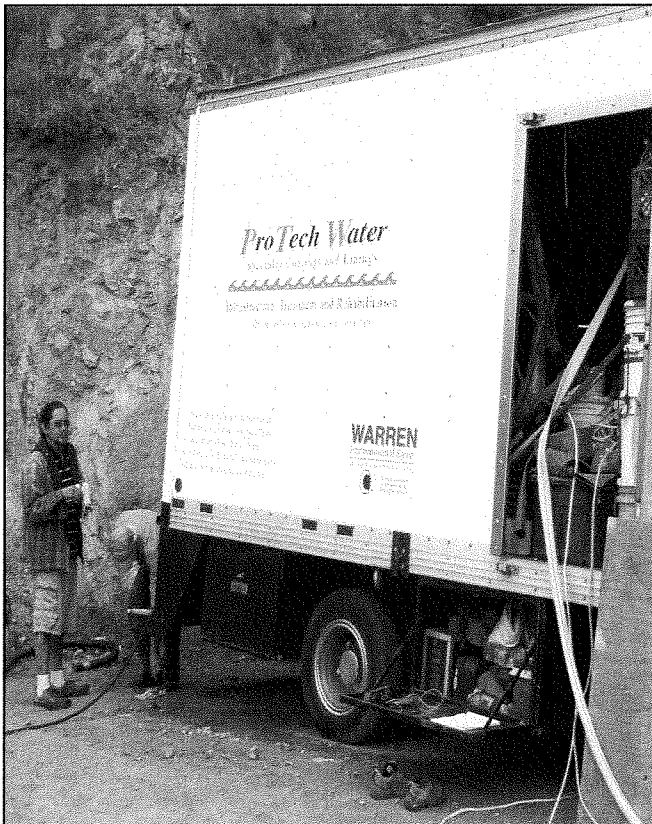
SUMMARY OF WORK PERFORMED

Blois completed a gravity block retaining wall along the Glen Annie Turnout access road at the toe of the recently constructed fill slope to provide added protection against future slides. The 48" SCC, the 33" Goleta West Pipe and the 36" drain pipe were all potholed to determine the exact vertical and horizontal alignment so the new pipe can be fabricated to fit. An existing corrugated steel down drain was repaired and extended. Pro Tech Coatings applied a protective coating to the interior concrete walls and base of the South Portal Inlet Structure and a portion of the 48" pipes. This coating will protect the concrete from deterioration caused by hydrogen sulfide. Fence Factory installed a security fence to prevent access to the South Portal. Blois installed redwood baffles diagonally across the pipe alignment and a storm drain system along the west side of the pipe alignment to prevent erosion. The concrete top for the blow off was poured. Access road to the South Portal was graded where the pipe crosses under the road. A gravity block wall was constructed to prevent soil from the pipe alignment slipping onto the road. A 48" magnetic flow meter was installed on the 48" pipe just before it comes above ground at the Glen Annie Turnout. Drainage inlets and drain pipes were installed, and finish grading performed, at the Glen Annie Turnout.

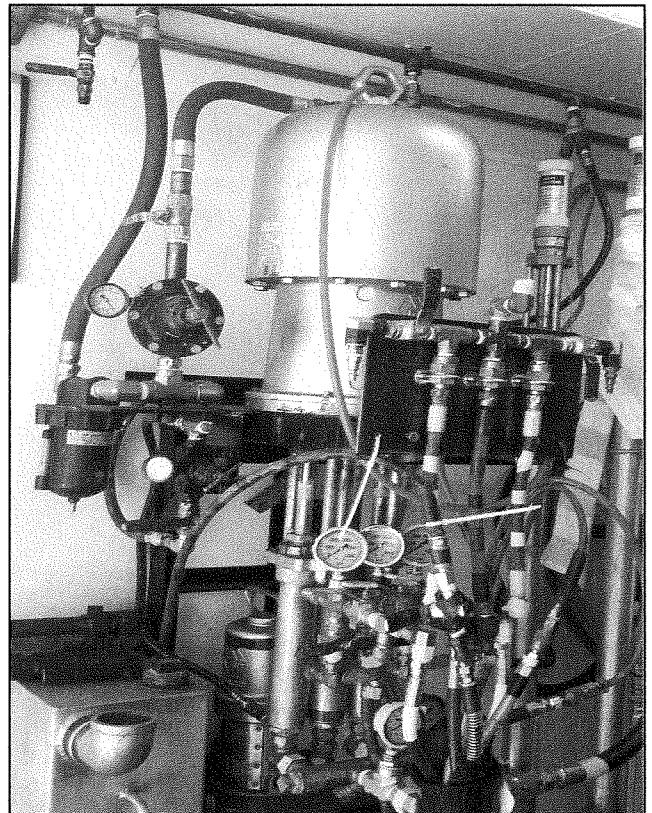
WORK PROJECTED FOR NEXT MONTH

Install above ground piping and prepare for connection to existing pipes at Glen Annie Turnout. Above ground piping will be supported with concrete pipe supports. Connect the new 48" pipe to the existing waste pipe. Connection to the existing 33" Goleta West pipe and the existing 48" SCC probably will not happen until October. Goleta Water District will be given an absolute date at least 3 weeks prior to the work being scheduled. New valves will need to be installed at the same time the tie-ins are performed. All work will be performed in such a way as to reduce the length and number of shutdowns required. Work will begin on the additional modifications to the South Portal Junction Structure

PHOTOGRAPHS



Supply Truck



Epoxy Coating Being Mixed Just Prior to Application

ITEM # 9a

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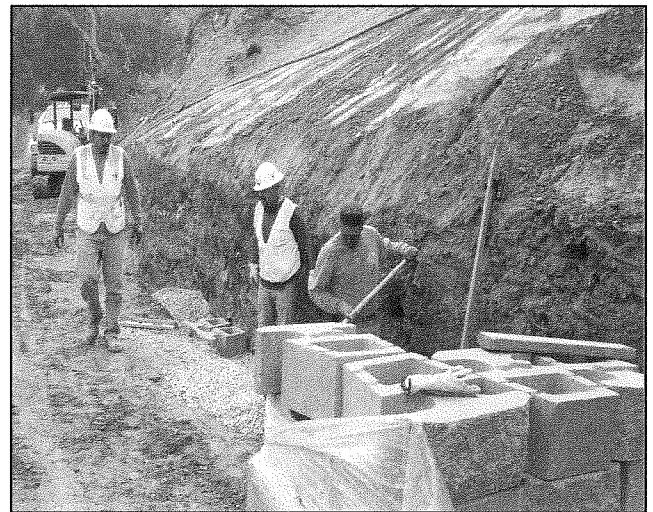
Grinding High Spots



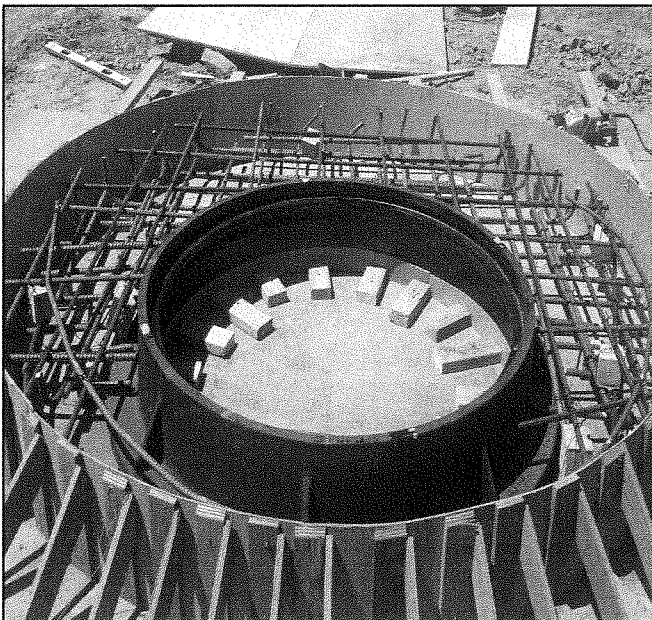
Holiday Testing Coating



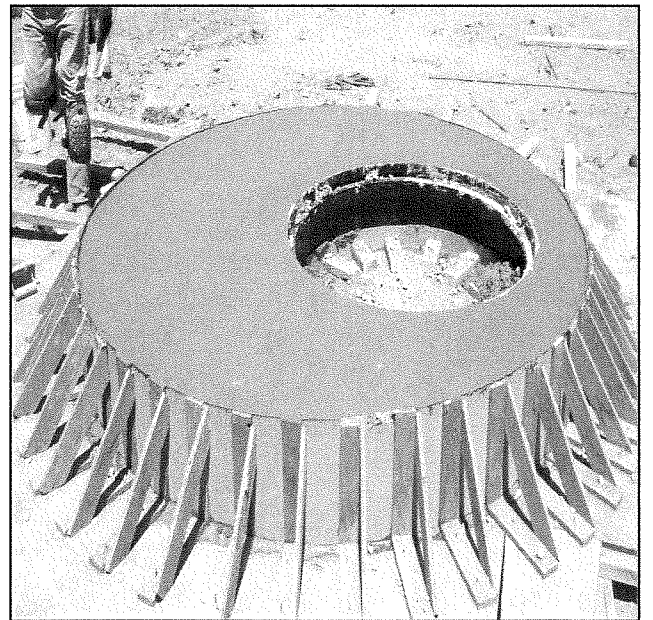
Constructing Gravity Wall on GATO Access Road



Constructing Gravity Wall on South Portal Access Road



Form and Reinforcing Steel for Blow Off Manhole Top



Poured Blow Off Manhole Top

ITEM # 9a

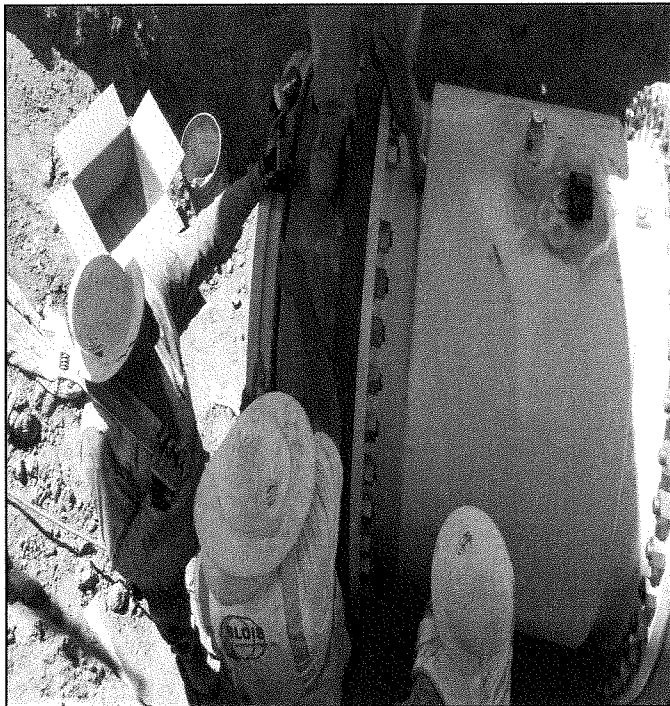
PAGE 3



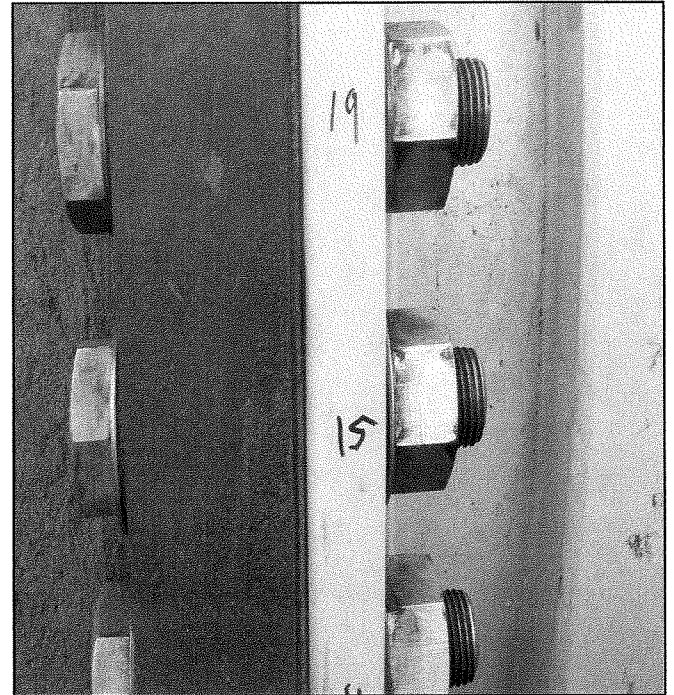
Security Fence



Extending Storm Drain



Fitting up Magnetic Flow Meter



Bolts have to be tightened in an alternating sequence.

COMB
MURRP Expenditures
May 2011 through July 2012

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/prop 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>\$67,649.94</u>
08/03/2011	37149769	AECOM Technical Services, Inc.	TO#37 Prelim design/bid phase	46,739.90
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 soillight 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
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
03/28/2012		COMB-Petty Cash	S&S Seeds	32.14
06/11/2012	142439	Falcon Pipe & Supply	Couplers/water-tite tee	983.11
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
08/01/2012	8.01.2012.3R	Golden State Labor Compliance, LLC	Labor Compliance for Prop 50-MURRP-Jun	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	99.00

COMB
MURRP Expenditures
May 2011 through July 2012

Date	Num	Name	Memo	Amount
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 repor	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	360.00
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	Concrete cylinder test	105.00
07/12/2012	104833	Pacific Materials Laboratory	Sand equivalent test	172.00
12/13/2011	108983	Penfield & Smith	Geotechnical site visits/prepare repor	3,894.11
11/20/2011	Ret#1 Inv#2658	Peter Lapidus Construction, Inc.	MURRP-supplemental surveys-GATO PO#11-12-08	1,940.00
11/20/2011	2658	Peter Lapidus Construction, Inc.	Ret#1 Glen Anne pad prep-MURRP PO#11-12-10	17,460.00
12/08/2011	2665	Peter Lapidus Construction, Inc.	Glen Anne pad prep-MURRP PO#11-12-10	5,600.00
02/02/2012	2689	Peter Lapidus Construction, Inc.	Excavate add'l area Glen Anne pad PO#11-12-10 (addendum)	14,600.00
10/19/2011	19674	RKA Consulting Group	Subgrade-widen culvert-excavation PO#11-12-13	0.00
11/14/2011	19674REV	RKA Consulting Group	Engineering services-MURRP PO#11-12-05	8,462.50
11/16/2011	19769	RKA Consulting Group	Engineering services-MURRP PO#11-12-05 Sep	31,380.00
12/07/2011	19823	RKA Consulting Group	Engineering services-MURRP PO#11-12-05 Oct	1,945.00
02/02/2012	158570	Santa Barbara Sand & Top Soil Corp.	Engineering services-MURRP PO#11-12-05 Nov	576.58
06/22/2012	304702	Specialty Tool, LTD	Gravel-MURRP	42.88
03/26/2012	PO#9092	Strata Science	Misc supplies	850.00
02/27/2012	App ID#424360	SWRCB	Cultural Resources Pre-Construction mtg	621.00
04/19/2012		Verizon	Permit registration-discharge storm water	1,000.00
			Advance pymt-relocate polyptic cable & remove pole	
				<u>\$3,745,519.92</u>

Total 6103 - SCCMURRP

Total 6000 - SPECIAL PROJECTS

TOTAL

\$3,813,169.86

Projected outstanding expenditures

\$586,830.14

Projected Total Cost

\$4,400,000.00

ITEM #
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CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 7
 APPLICATION DATE: 07/31/12
 PERIOD TO: 07/31/12

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE		D WORK COMPLETED FROM PREVIOUS APPLICATION (D + E)		E WORK COMPLETED THIS PERIOD		F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G ÷ C)	H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
10	PROJECT SCOPE											
	Mob/Demob	506,355.00	349,928.45	70,663.25	0.00	0.00	0.00	420,591.70	0.83	85,763.30	42,059.17	
	Mobilization	75,000.00	75,000.00	0.00	0.00	0.00	0.00	75,000.00	1.00	0.00	7,500.00	
	Demobilization	45,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45,000.00	0.00	
	Project Superintendence and Management	90,000.00	62,000.00	18,000.00	0.00	0.00	0.00	80,000.00	0.89	10,000.00	8,000.00	
	Temp Facilities	45,000.00	13,900.00	27,000.00	0.00	0.00	0.00	40,900.00	0.91	4,100.00	4,090.00	
	Storage and Maintenance	11,355.00	4,578.45	5,109.75	0.00	0.00	0.00	9,688.20	0.85	1,666.80	968.82	
	Clean up	25,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00	
	Engineering Design - Junction Structure	65,000.00	59,100.00	5,902.00	0.00	0.00	0.00	65,002.00	1.00	-2.00	6,500.20	
	Engineering Design - BI #5	85,000.00	76,850.00	8,151.50	0.00	0.00	0.00	85,001.50	1.00	-1.50	8,500.15	
	Engineering Design - Blow off and Air Vac	10,000.00	9,000.00	1,000.00	0.00	0.00	0.00	10,000.00	1.00	0.00	1,000.00	
	Engineering Design - Magneters	10,000.00	9,000.00	1,000.00	0.00	0.00	0.00	10,000.00	1.00	0.00	1,000.00	
	Engineering Design - Electrical	15,000.00	13,500.00	1,500.00	0.00	0.00	0.00	15,000.00	1.00	0.00	1,500.00	
	Engineering Design - Access Road	15,000.00	13,500.00	1,500.00	0.00	0.00	0.00	15,000.00	1.00	0.00	1,500.00	
	Engineering Design - BI#18	15,000.00	13,500.00	1,500.00	0.00	0.00	0.00	15,000.00	1.00	0.00	1,500.00	
20	Sheet/Shoring/Bracing	14,872.00	14,872.00	0.00	0.00	0.00	0.00	14,872.00	1.00	0.00	1,487.20	
30	Final Design and Record Drawings	21,809.00	10,940.50	0.00	0.00	0.00	0.00	10,940.50	0.50	10,868.50	1,094.05	
40	Junction Structure 3+40	418,812.00	299,000.00	62,500.00	0.00	0.00	0.00	361,500.00	0.86	57,312.00	36,150.00	
	Demolition	35,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35,500.00	0.00	
	Forming	45,200.00	45,200.00	0.00	0.00	0.00	0.00	45,200.00	1.00	0.00	4,520.00	
	Structure Reinforcing	56,000.00	56,000.00	0.00	0.00	0.00	0.00	56,000.00	1.00	0.00	5,600.00	
	Concrete Placement	64,000.00	64,000.00	0.00	0.00	0.00	0.00	64,000.00	1.00	0.00	6,400.00	
	Protect Ex. Structure in place	35,000.00	17,500.00	17,500.00	0.00	0.00	0.00	35,000.00	1.00	0.00	3,500.00	
	Earthwork	45,000.00	31,500.00	13,500.00	0.00	0.00	0.00	45,000.00	1.00	0.00	4,500.00	
	Prep sub Grade	15,000.00	15,000.00	0.00	0.00	0.00	0.00	15,000.00	1.00	0.00	1,500.00	
	Backfill structure	45,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45,000.00	0.00	
	Waterproofing	9,800.00	9,800.00	0.00	0.00	0.00	0.00	9,800.00	1.00	0.00	980.00	
	Structure appurtenances	60,000.00	60,000.00	0.00	0.00	0.00	0.00	60,000.00	1.00	0.00	6,000.00	
	4" Slab around structure	8,312.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,312.00	0.00	
50	48-inch CML&C Dbl Weld 3+49 - 18+00 I=3/8	1,163,702.00	1,163,702.00	0.00	0.00	0.00	0.00	1,163,702.00	1.00	0.00	116,370.20	
	Piping design and Submittals	43,000.00	43,000.00	0.00	0.00	0.00	0.00	43,000.00	1.00	0.00	4,300.00	
	Pipe Materials Procurement	338,435.80	338,435.80	0.00	0.00	0.00	0.00	338,435.80	1.00	0.00	33,843.58	
	Pipe Materials Delivery	354,564.20	354,564.20	0.00	0.00	0.00	0.00	354,564.20	1.00	0.00	35,456.42	
	Pipe installation	427,702.00	427,702.00	0.00	0.00	0.00	0.00	427,702.00	1.00	0.00	42,770.20	
60	Comb Air/Vac or Blow off Valves	85,289.00	85,289.00	0.00	0.00	0.00	0.00	85,289.00	1.00	0.00	8,528.90	
	Materials Procurement	41,700.00	41,700.00	0.00	0.00	0.00	0.00	41,700.00	1.00	0.00	4,170.00	
	Blow off installation	35,289.00	35,289.00	0.00	0.00	0.00	0.00	35,289.00	1.00	0.00	3,528.90	
	Drain Piping	8,300.00	8,300.00	0.00	0.00	0.00	0.00	8,300.00	1.00	0.00	830.00	
70	Mag Meters	134,192.00	87,000.00	0.00	0.00	0.00	0.00	87,000.00	0.65	47,192.00	8,700.00	

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PAGE

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CONTINUATION SHEET

AIA DOCUMENT G703

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Contractor's signed certification is attached.

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Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 7

APPLICATION DATE: 07/31/12

PERIOD TO: 07/31/12

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED FROM PREVIOUS APPLICATION (D + E)		E WORK COMPLETED THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D O R E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G + C)	H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
			D	E						
	Materials Procurement	87,000.00	87,000.00	0.00	0.00	0.00	87,000.00	1.00	0.00	8,700.00
	48" Magmeter installation	17,500.00	0.00	0.00	0.00	0.00	17,500.00	0.00	0.00	0.00
	24" Magmeter installation	16,500.00	0.00	0.00	0.00	0.00	16,500.00	0.00	0.00	0.00
	Modification and Demo of Goleta West Turnout	13,192.00	0.00	0.00	0.00	0.00	13,192.00	0.00	0.00	0.00
80	Elec/Inst. Flow meters and level transmitters	95,887.00	88,309.60	0.00	0.00	0.00	88,309.60	0.92	7,577.40	8,830.96
	Materials Procurement	58,000.00	58,000.00	0.00	0.00	0.00	58,000.00	1.00	0.00	5,800.00
	Electrical Conduits and Wiring	37,887.00	30,309.60	0.00	0.00	0.00	30,309.60	0.80	7,577.40	3,030.96
90	Earthquake and Tidal Wave Ins.	14,253.00	14,253.00	0.00	0.00	0.00	14,253.00	1.00	0.00	1,425.30
100	Compliance Storm water permit	81,018.00	65,412.60	0.00	0.00	0.00	65,412.60	0.81	15,605.40	6,541.26
	Planning	5,000.00	5,000.00	0.00	0.00	0.00	5,000.00	1.00	0.00	500.00
	Materials Procurement	12,000.00	12,000.00	0.00	0.00	0.00	12,000.00	1.00	0.00	1,200.00
	Implementation	12,000.00	12,000.00	0.00	0.00	0.00	12,000.00	1.00	0.00	1,200.00
	Maintenance/Dust Control	52,018.00	36,412.60	0.00	0.00	0.00	36,412.60	0.70	15,605.40	3,641.26
110	Polyurethane lining and necessary concrete repairs	77,672.00	0.00	54,370.40	0.00	0.00	54,370.40	0.70	23,301.60	5,437.04
120	Other	667,328.00	527,199.50	18,519.00	0.00	0.00	545,718.50	0.82	121,609.50	54,571.85
	Pipe Anchors	35,000.00	24,500.00	10,500.00	0.00	0.00	35,000.00	1.00	0.00	3,500.00
	Painting & Coatings	20,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Pipe Markers	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Construct Access Road	65,000.00	65,000.00	0.00	0.00	0.00	65,000.00	1.00	0.00	6,500.00
	Paving and Guard Rail	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Cut access ROW Prep working area	18,000.00	18,000.00	0.00	0.00	0.00	18,000.00	1.00	0.00	1,800.00
	SHP Historian	10,000.00	10,000.00	0.00	0.00	0.00	10,000.00	1.00	0.00	1,000.00
	Prep Plateau	5,000.00	5,000.00	0.00	0.00	0.00	5,000.00	1.00	0.00	500.00
	CTS Stations	10,038.00	2,509.50	5,019.00	0.00	0.00	7,528.50	0.75	2,509.50	752.85
	Glen Annie Turnout Improvements(paving , storm drain, fe	65,000.00	13,000.00	0.00	0.00	0.00	13,000.00	0.20	52,000.00	1,300.00
	Clear access Potholing and Report	35,000.00	35,000.00	0.00	0.00	0.00	35,000.00	1.00	0.00	3,500.00
	Bypass piping	18,000.00	7,200.00	0.00	0.00	0.00	7,200.00	0.40	10,800.00	720.00
	Fiberoptics Conduits & Pull Boxes	20,000.00	0.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00
	Conduits Duct bank 450'	65,000.00	65,000.00	0.00	0.00	0.00	65,000.00	1.00	0.00	6,500.00
	Bonds	32,990.00	32,990.00	0.00	0.00	0.00	32,990.00	1.00	0.00	3,299.00
	Prep slopes for proposed access to pipe alignment	53,000.00	53,000.00	0.00	0.00	0.00	53,000.00	1.00	0.00	5,300.00
	Clear & Grub ROW	23,000.00	23,000.00	0.00	0.00	0.00	23,000.00	1.00	0.00	2,300.00
	Sampling & Testing	10,000.00	7,000.00	3,000.00	0.00	0.00	10,000.00	1.00	0.00	1,000.00
	Rip Rap at Creek	85,000.00	85,000.00	0.00	0.00	0.00	85,000.00	1.00	0.00	8,500.00
	Redesign alternative routes	23,000.00	23,000.00	0.00	0.00	0.00	23,000.00	1.00	0.00	2,300.00
	Survey Mapping existing conditions	23,000.00	23,000.00	0.00	0.00	0.00	23,000.00	1.00	0.00	2,300.00
	Survey	35,000.00	35,000.00	0.00	0.00	0.00	35,000.00	1.00	0.00	3,500.00
130	48-inch CML&C Dbl weld 18+00-22+50 t-3/8	662,850.00	514,510.00	74,170.00	0.00	0.00	588,680.00	0.89	74,170.00	58,868.00
	Piping Supplier design and Submittals	48,000.00	48,000.00	0.00	0.00	0.00	48,000.00	1.00	0.00	4,800.00

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PAGE 3

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

APPLICATION NO: 7

Contractor's signed certification is attached.

APPLICATION DATE: 07/31/12

In tabulations below, amounts are stated to the nearest dollar.

PERIOD TO: 07/31/12

Use Column I on Contracts where variable retainage for fine items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G+C)	H BALANCE TO FINISH (C-G)	I RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D+E)	THIS PERIOD						
	Pipe Materials Procurement	79,000.00	79,000.00	0.00	0.00	0.00	79,000.00	1.00	0.00	7,900.00
	Pipe Materials Delivery	80,000.00	80,000.00	0.00	0.00	0.00	80,000.00	1.00	0.00	8,000.00
	Prep Access	85,000.00	85,000.00	0.00	0.00	0.00	85,000.00	1.00	0.00	8,500.00
	Pipe installation	370,850.00	222,510.00	74,170.00	74,170.00	0.00	296,680.00	0.80	74,170.00	29,668.00
140	Sheet/Shoring/Bracing 18+00-22+50	4,958.00	3,966.40	991.60	991.60	0.00	4,958.00	1.00	0.00	495.80
CONTRACT CHANGE ORDERS										
GRAND TOTALS		\$3,948,997.00	\$3,224,383.05	\$281,214.25	\$0.00	\$3,505,597.30	0.89	\$443,399.70	\$350,559.73	

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PAGE 4



CACHUMA OPERATION AND MAINTENANCE BOARD (COMB)

August 27, 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

Contract Status - Time

Notice to Proceed (expected):	August 27, 2012
Construction start (expected):	September 4, 2012
Contract Time (complete all work):	3 months
Completion Date (expected):	December 1, 2012
Elapsed Time	0 days
Remaining Time (complete all work):	89 days
Time Elapsed to Date	0%

Table 1: 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

	Amount
Estimated Project Cost:	\$811,524
Approved Change Orders:	\$0
Adjusted Construction Contract Amount:	\$526,974
Adjusted ConTech Contract Amount:	\$161,805
Total Work Completed to Date:	\$0
5% Retention:	\$0
Total Paid to Date:	
Deposit for bridge (1/3 of total):	\$53,396
Balance to Finish, Plus Retention:	\$758,128
% of Work Completed to Date:	0%

STATUS OF PERMITS

- 401 – Regional Quality Control Board: Obtained.
- 404 – US Army Corps of Engineers: Obtained.
- 1600 – California Department of Fish and Game: Obtained.
- CEQA (CDFG- Programmatic BO): Obtained
- County Road Encroachment: Obtained.
- Landowner Right of Entry: Obtained.

STATUS OF CONTRACTS

- Peter Lapidus Construction Inc.: Awarded
- ConTech Engineered Solutions: Awarded

SUMMARY OF WORK PERFORMED

No work has been performed. The Pre-Construction meeting at the site has been scheduled for August 29th at 10:00 AM.

WORK PROJECTED FOR NEXT MONTH

The contractor will mobilize, close the road, clear and grub the site, install the dewatering system, excavate for the bridge and wing-wall foundations, form and pour the foundations, and conduct preliminary stream grading.

PHOTOGRAPHS



Figure 1: Quiota Creek Crossing 7, current condition.

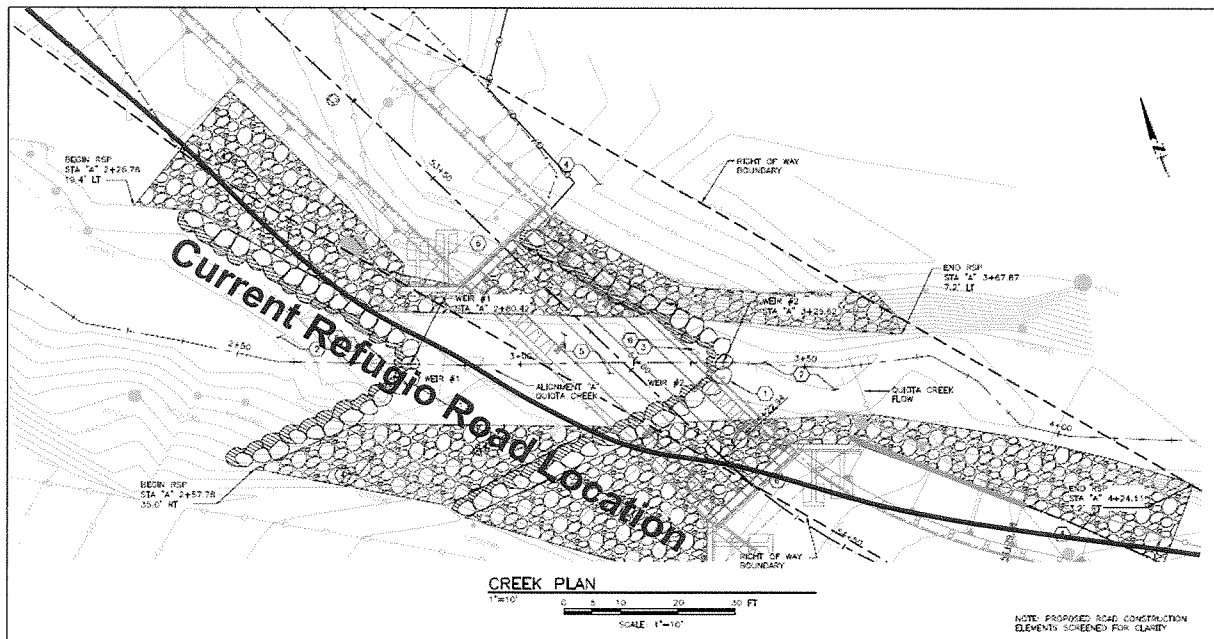


Figure 2: Quiota Creek Crossing 7, design.

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date: August 27, 2012
Submitted by: Bruce Mowry
Approved by: Bruce Mowry

SUBJECT: Report on Septic Tank Installed Near the SCC Modified Upper Reach Reliability Project

SUMMARY:

The COMB Board has requested an update on the status of the septic tank installed at the Glen Annie Turn Out facilities. For at least ten years and probably more, COMB has been utilizing portable toilets at various locations of the South Coast Conduit. These units vary in cost from about \$90 to \$140 per month based on the style and features. The one used presently at Glen Annie Turn Out is a very basic unit without a hand wash station. The hand wash units are the ones that cost the \$140 a month and are considered to be the deluxe models. Since we do not have pressurized chlorinated water available to the COMB employees at the Glen Annie Turn Out we will be upgrading the unit to have a hand wash system at a cost of \$140 per month/\$1680 per year.

I do not believe anyone enjoys having to use a portable toilet so we have been looking for alternatives at all of our locations. Since the MURRP required some type of disposal system, we discussed with the contractor, in lieu of putting in a holding tank and paying a fee to pump it out, would they consider partnering with COMB to install a septic tank to connect the construction trailer for its bathroom. COMB provided the septic tank and leach field equipment and they would do the installation. The cost of material for the septic tank with the entire leach field assembly came to a total cost of approximately \$3800. A typical cost of a septic system would have cost COMB \$10,000 if it would have been done separately. We knew that the soils out at the site had high percolation rates, which has been verified in a standard percolation test, so we installed approximately 30 feet of leach field that exceeded the length necessary according to the calculations. The system has been performing well since the beginning of the project.

When the Board requested that the County be contacted, the County did reply that we were exempt from County standards but we asked that if we were under their jurisdiction, what are their requirements. The email below is from the County Environmental Health Services that defined the criteria that would be applied to our application. The staff of the Environmental Health Services was invited out to look at the septic system, but they declined the offer.

Bruce,

We often permit small flow systems and they still have to be engineered as all systems in SB County. However, the Plumbing Code minimum is 750 gallon tank and 50 linear feet of leach field which sounds like all you would need.

Paul

ITEM # 11
PAGE 1

Our facility exceeds the tank size required, but we will need to extend the 4 inch leach field line by an additional 20 feet to meet their minimum standard criteria. The 30 feet we installed met the application requirements, but not the minimum criteria of County requirements.

We have had a field inspection by the USBR and they have reviewed the test and facility and they have directed COMB to follow the recommended standard from the County and extend the leach field by 20 feet. They will accept the facility when this extension has been installed.

The cost of a single toilet facility that would be located in the area where the present construction trailer is located has not been defined at this time. At this location we have power, water and the septic system all available without additional cost. We are looking at our needs that could vary the type of facility we would locate there. COMB does not have any enclosed/secured storage at this location of our system and if we want to provide emergency material or equipment we could purchase a shipping container with a bathroom installed in one end for approximately \$10,000 that would include the cost of a \$2500 bathroom, this would serve both needs. If we find a used prefabricated toilet like you find in public park areas, the cost could be less than \$1,000 or if we buy a trailer like the contractor has provided for the construction office with a bathroom the estimated cost would be \$5000. All of these options would have a payback period of 5 years or less and COMB would be providing better facilities for the benefit of our employees.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

RECOMMENDATION:

For Information Only

LIST OF EXHIBITS:

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PAGE 2

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 27, 2012
Submitted by:	Bruce Mowry
Approved by:	Bruce Mowry

SUBJECT: Report on Diablo Creek/Lauro Debris Basin Water Source

SUMMARY:

The COMB Member Agencies have invested 1.2 million dollars for improvements to the Lauro Debris Basin for water to be captured, filtered through an under drain system and then discharged into the storm drain with no beneficial use. The USBR approached COMB a few months ago to inform us that their water rights for this drainage basin were up for review and if no beneficial use was shown, the State would not renew their water rights. COMB staff provided the information of the improvements made to the basin in recent years and also indicated that modifications were being made to the Cater Water Treatment Plant. COMB contacted the City of Santa Barbara to discuss potentially using the water from the debris basin to supplement the water supply.

COMB is also collecting the data on the 17 septic systems within this watershed as part of the necessary information to make a determination of use this water.

The City of Santa Barbara is working with their consultant to prepare a sampling plan and COMB is working with the City to install a flow meter to establish the quantity of water that may be available. During the time of this evaluation that may take up to a year, none of this water will be placed into Lauro Reservoir. We do not expect any results until the rains this winter.

A portion of this water from the debris basin is being utilized for beneficial use as irrigation water for the oak trees at Lauro Reservoir.

FISCAL IMPACTS:

N/A

LEGAL CONCURRENCE:

N/A

ENVIRONMENTAL COMPLIANCE:

N/A

COMMITTEE STATUS:

N/A

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PAGE 1

RECOMMENDATION:

For Information Only

LIST OF EXHIBITS:

1. Memo to Reclamation

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PAGE 2

CACHUMA OPERATION & MAINTENANCE BOARD

MEMORANDUM

Date:	June 5, 2012
Submitted by:	Megan Emami
Approved by:	Bruce Mowry

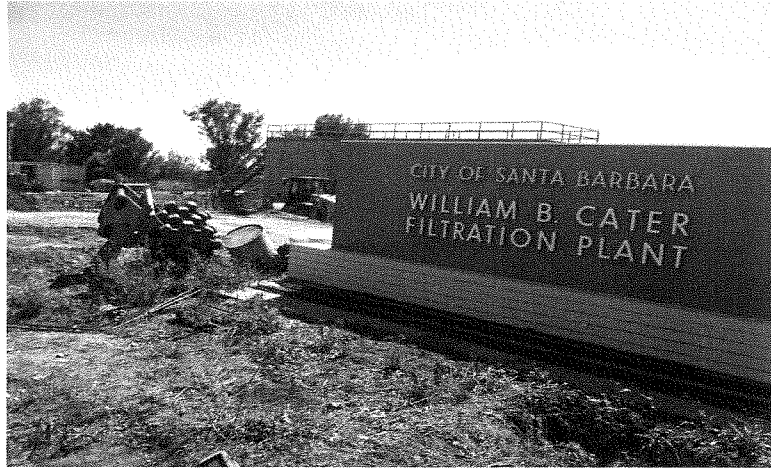
SUBJECT: Lauro Creek

Currently, the water from Lauro Creek flows into the Lauro Reservoir Debris Basin. When the water enters the basin it filtrates through rocks and coarse sand material, which reduces contaminants in the water. In 1996 Cachuma Operation and Maintenance Board (COMB) connected a 24-inch drainage line to the debris basin pump, water is pumped out of the Debris Basin through the drainage line into a City of Santa Barbara storm drain. This storm drain dumps the water west of Lauro Creek into San Roque Creek, which drains to the ocean. The March 2011 Sanitary Survey identifies "Geological Hazards" meaning erosion and potential sediment as the highest concern in the watershed, seeing that this water is "pretreated" in the debris basin, any debris coming in would settle in the basin before being pumped out.

The City of Santa Barbara is currently constructing an Advanced Treatment Project to use Ozone to treat their water. The project is scheduled for completion May 2013. This new facility would allow for the ability to treat this new source of water. The Lauro Creek water will need to go through a series of testing to determine what contaminants are in the water and at what level. COMB will be setting up a testing plan in June. Once the quality of water is determined, the City of Santa Barbara who holds the permit with the California Department of Public Health will be in direct communication to see if this water will be acceptable for use. The new Treatment method will allow for higher contaminant loads to be treated.

In the meantime COMB is going to use this water immediately for irrigation of mitigated honeysuckle and oak trees located within Lauro Reservoir's boundaries. Because this vegetation will not be consumed using the raw water for irrigation is not a concern.

Cater Water Treatment Plant Advanced Treatment Project under construction



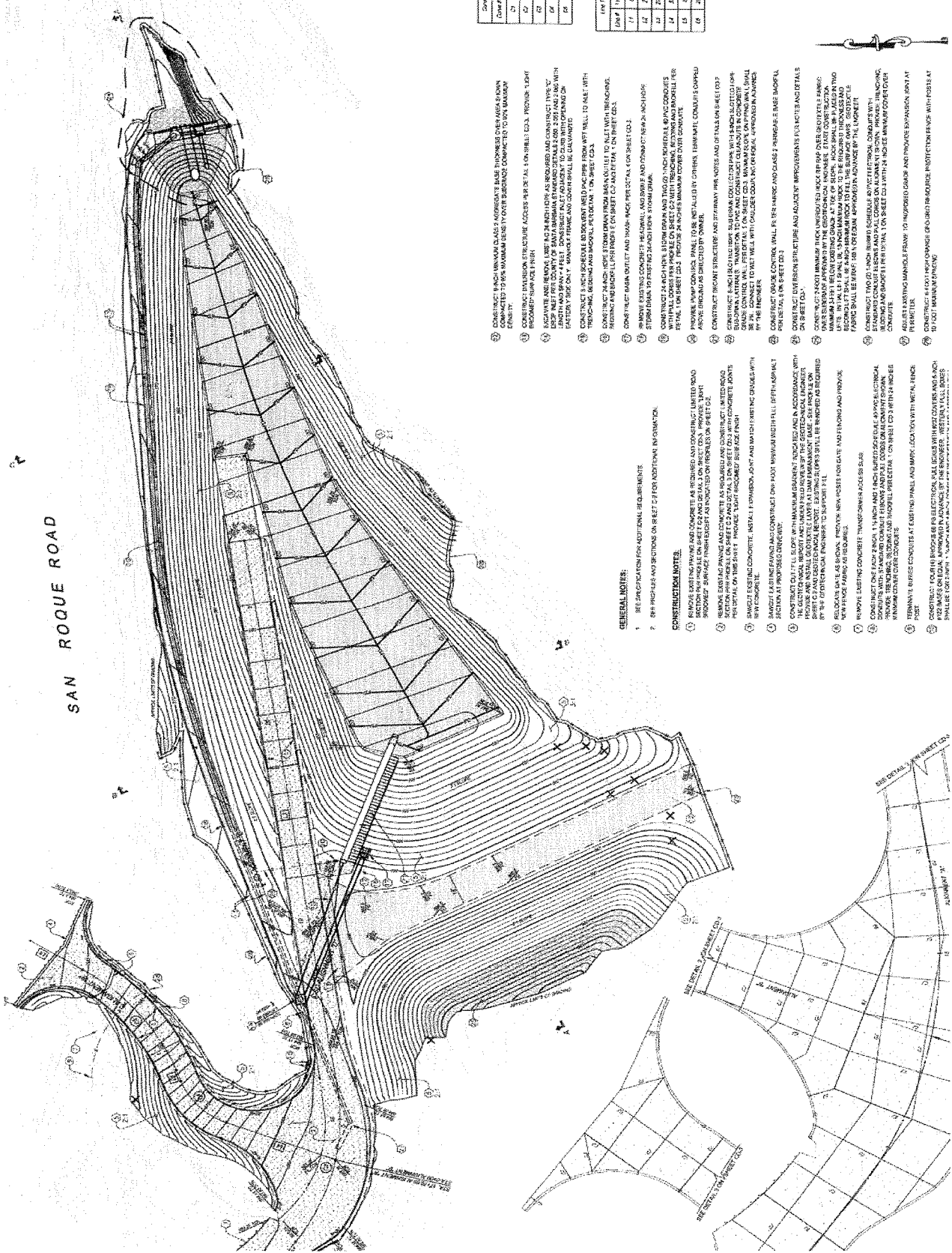
The honeysuckle and oak tree mitigation slope



Lauro Debris Basin and pump



SAN ROQUE ROAD



CONTRACT NO.	DATE	BY
17	1/15/10	SM/AR
18	1/15/10	SM/AR
19	1/15/10	SM/AR
20	1/15/10	SM/AR
21	1/15/10	SM/AR
22	1/15/10	SM/AR
23	1/15/10	SM/AR
24	1/15/10	SM/AR
25	1/15/10	SM/AR

CONTRACT NO.	DATE	BY
17	1/15/10	SM/AR
18	1/15/10	SM/AR
19	1/15/10	SM/AR
20	1/15/10	SM/AR
21	1/15/10	SM/AR
22	1/15/10	SM/AR
23	1/15/10	SM/AR
24	1/15/10	SM/AR
25	1/15/10	SM/AR

- GENERAL NOTES:**
- SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - SEE PROFILES AND SECTIONS ON SHEET C-1 FOR ADDITIONAL INFORMATION.
- CONSTRUCTION NOTES:**
- REMOVE EXISTING PAVING AND CONCRETE AS REQUIRED AND CONSTRUCT LIMITED ROAD BEDDING ON THIS EXISTING PAVING. PROVIDE TYPICAL PROFILE SUBGRADE PAVEMENT WITH 18" (457 MM) EXISTING CONCRETE. INSTALL 18" (457 MM) JOINT AND MATCH BENTONITE DECKING WITH NEW FLOOR PAVING TO BE REQUIRED.
 - REMOVE EXISTING CONCRETE THRESHOLD AND CONSTRUCT NEW CONCRETE THRESHOLD ON EXISTING PAVING. PROVIDE TYPICAL PROFILE SUBGRADE PAVEMENT WITH 18" (457 MM) EXISTING CONCRETE. INSTALL 18" (457 MM) JOINT AND MATCH BENTONITE DECKING WITH NEW FLOOR PAVING TO BE REQUIRED.
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Lauro Debris Basin Plans

CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	August 23, 2012
Submitted by:	Shane King
Approved by:	Bruce Mowry

SUBJECT: August: Conveyance System Operations Program

Summary:

To ensure reliability, the Operations Program performs routine maintenance on COMB's Distribution System. The Operations Program continually works to improve the system as well as making sure any deficiencies are addressed, through communication and organization with outside agencies.

Lake Cachuma Operations:

The average flow from Lake Cachuma into the Tecolote Tunnel for March was 99.3 acre-feet per day. The lake elevation was 740.11 at the beginning of the month and 738.15 at the end. The storage change was -5,332 acre-feet. During the month, 0.0 acre-feet of State Water Project water was delivered to the South Coast Member Units.

Activities conducted this period include:

- Structure maintenance per COMB's maintenance program took place on the South Reach.
- Dive inspections were performed on both Lauro Reservoir Intake structure and the North Portal Intake structure, these inspections are required every 10 years by USBR, the last inspection was completed in 2001. The purpose of this inspection is to check the integrity of the trash racks and general condition of the facilities, as well as seeing how much sedimentation has occurred.
- Emergency Action Plan (EAP) training of all the Reservoirs was performed by the Bureau of Reclamation for COMB staff along with staff from Dams in the surrounding area. The USBR has redone the EAP for COMB facilities and provided training on the new set-up. The previous EAP was outdated. COMB staff is working on changes to the new Draft EAP.
- COMB staff attended a "Trenching and Shoring" class taught by ACWA-JPIA.
- Monitoring of the MURRP project in the Upper Reach area of Glen Annie canyon was performed by COMB staff.

-Dam Tender Training was performed by the Bureau of Reclamation for all of COMB's Operation staff.

-A yearly exercise of the Glen Annie Reservoir outlet works and ball valve was performed.

-Removed Lat. 30 meter to be rehabbed/serviced, the meter reads the amount of water that is going into Carpinteria's Reservoir it is not used for billing; it was pulled from the lateral and capped off. The flow meters impeller froze up and no longer works.

-Permanent repairs were performed on Carpinteria Water Districts Lat. 30 chlorination line. Also permanent repairs are being performed on Carpinteria reservoirs 4" wash line. In the existing configuration the 30" chlorination line came off of our 4" wash line, which requires COMB to keep the wash line pressurized even if we weren't using it. COMB wanted to be able to turn the line off when not in use. Staff connected to chlorinator directly to Lateral 30. While removing the chlorination line from the 4" line they replaced a wafer valve that was not closing with a gate valve on the wash line.

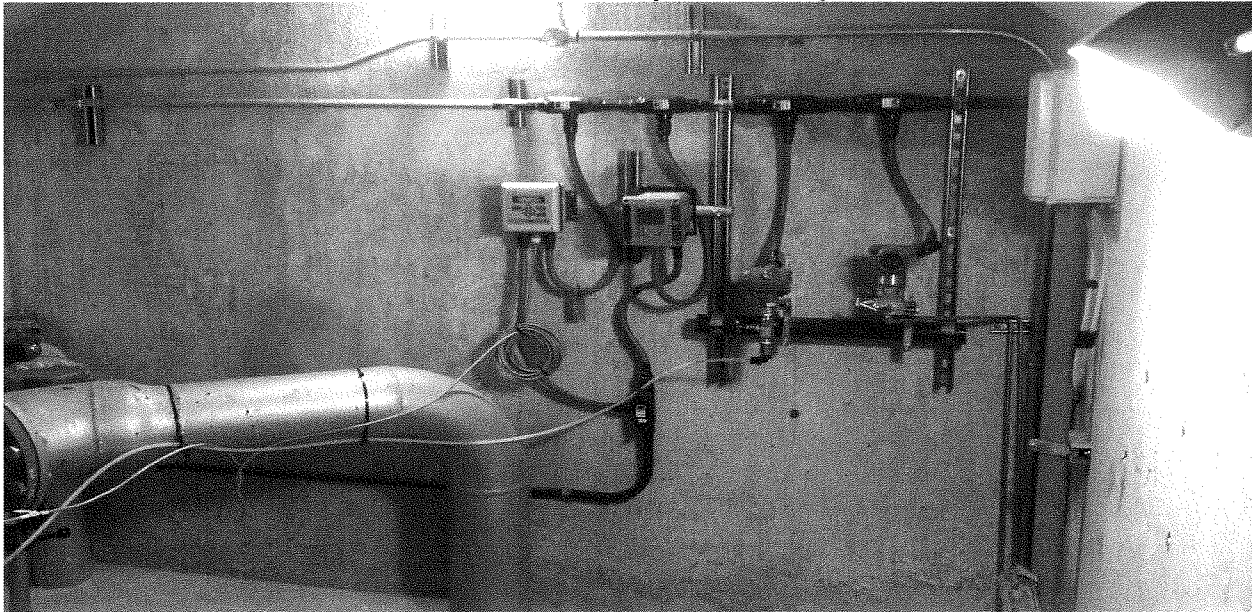




-COMB Operations staff Monitored a project done by Montecito Water District on Hwy 192. At the intersection of Sycamore Canyon Road and Eucalyptus Hill one of Montecito Water Districts distribution lines crossed the South Coast Conduit.



-Improvements are being made on the SCADA system for both the North Portal along with the rest of the South Coast Conduit to ensure reliability and security.



-Megan Emami and Iraj Vatankhah attended ESRI GIS training/conference session in San Diego.

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/ monthly Quagga mussel Inspections

Read Anodes and recorded data

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

Monthly Dam inspections, sent report to USBR

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

Place rodent bait all traps all facilities

Meter reads

Water mitigation oak trees at Lauro Reservoir and Lake Cachuma sites

Carpinteria/Ortega/Lauro weed abatement/spraying

Weekly Safety Meetings:

The purpose of the weekly safety meeting 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. It is important to train the crew on different items as well as refresh their training. The Operations crew held safety meetings on a wide range of topics this month

including: Hand Tools Deserve Respect, Quick Equipment Check, Trenching and Excavation, Injury and Illness Prevention Program training, and Towing a Trailer. COMB staff has taken over the Oak Tree program at Lake Cachuma and are towing the water wagon, staff was trained on proper hook ups of a trailer, safety of driving with a trailer, and safety of hauling. The Operations crew is around trenches or digging trenches for a variety of projects. With the MURRP having very large trenches that require shoring, staff attended training on trenching and shoring safety. Staff attended an Injury and Illness Prevention Program Training to reinforce their understanding and development of COMB's IIPP. The crew was trained on quick equipment checks, which emphasized safety on the job. This training showed what items you should quickly inspect before performing work such as cracks or flaws in machinery that is going to be used in order to keep accidents from happening, prevention is necessary. The crew was trained on how to properly and safely use handtools, they covered items from making sure you wear gloves every time you use a tool, to making sure you use the proper tool for the job that is being performed.

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: August 27, 2012
TO: Board of Directors
FROM: Tim Robinson, Sr. Resource Scientist
Bruce Mowry, General Manager
RE: July 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 July 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. The full results will be presented in the 2012 Annual Monitoring Report. The summer survey will be conducted in August and September of this year.

Thermograph Network:

All thermographs were deployed at the beginning of July 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, have taken over the Program and have successfully implemented all management actions as required. A comprehensive management and monitoring plan 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. The CDFG grant proposal for this project is currently under review. The second grant for this project will be submitted to the California Wildlife Conservation Board next month.

Salsipuedes Creek – Jalama Road Fish Ladder: HDR continues to work on incorporating NMFS and CDFG recommendations with the modified designs expected soon that will be sent to CDFG and NMFS for their review. Once the designs are approved, staff will discuss with CDFG funding options for this weir fix project.

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

Surcharge Water Accounting:

The following table (Table 2) summarizes the amount of Surcharge water used to date from each of the three accounts. 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 this July (2012), all of the Fish Rearing account waters have been used and we are now using Project Yield to meet target flows.

Table 2: Summary of the surcharge water accounting and use of Project Yield. The amount of water used during July was 941.2 acre-feet.

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		3,081	
Total:	8,942	8,323	3,700

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

** Values as of 7/31/12.

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

Reporting:

Staff has submitted the draft WY2010 Annual Monitoring Report (AMR) to the managers and legal counsel for review; comments are expected back within a few weeks. Upon receiving those comments and revisions made, staff will then submit the draft WY2010 AMR to the COMB Fisheries Committee and then Reclamation in that order before Reclamation submits it to NMFS. Staff continues drafting the WY2011 AMR.

Outreach and Training:

Staff has been working with landowners in the Quiota and Salsipuedes Creek watersheds regarding pending and future fish passage projects.

Consultant Activity Summary (July):

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.

11-12 ENTITLEMENT

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

(All in rounded Acre Feet)

	MONTH					YTD
	TOTAL					TOTAL
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)	3,079					21,879
Temolote Tunnel Infiltration	305					1,625
Elen Anne Reservoir	0					0
Cachuma Lake (County Park)	13					55
State Water Diversion Credit	0					241
Gibraltar Diversion Credit	0					0
Bishop Ranch Diversion	0					100
Meter Reads	3,353					22,275
So. Coast Storage gain/(loss)	14					19
Total Production	3,398					23,558
Total Deliveries	3,367					22,635
Unaccounted-for	31					922
% Unaccounted-for	0.91%					3.92%
WATER USE:						
	GWD	SB CITY	MWD	CVWD	SYRWCD	TOTAL
					I.D. #1	
M&I	985	876	452	232	13	2,557
Agricultural	380		60	255		695
TOTAL FOR MONTH	1,365	876	512	487	13	3,253
Same Mo/prev. yr	1,281	747	448	319	12	2,807
M&I Yr to date	7,590	7,215	2,330	1,405	55	18,594
Ag. Yr to date	1,926	0	325	1,316	0	3,567
TOTAL YTD	9,516	7,215	2,655	2,721	55	22,162
USAGE % YTD	74.9%	49.7%	57.6%	65.0%	4.8%	59.6%
Previous Year/YTD	8,940	8,152	1,956	2,061	61	21,170
Evaporation	0	0	0	2	0	2
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^	555	371	371	249	(1,546)	0
Transfers*/Adjustment***	333	267	200	(800)	0	0
Passthrough H2O**	0	0	0	0	0	0
TOTAL AVAILABLE	12,740	14,703	4,641	4,250	1,143	37,477
REMAINING BALANCE	3,204	7,391	1,966	1,486	1,088	15,135

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

State Water Deliveries for July to Lake Cachuma were: MWD 0 AF; CVWD 0 AF

GWD 0 AF (Morehart 0 AF); City of S.B. 0 AF; and LaCumbre 0 AF; (Ratheon 0 AF).

^ Per SWP Exchange Agrmt GWD received 155 AF; MWD received 104;

City of SB received 104 AF; and CVWD received 69 AF from ID#1 in July 2012.

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

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CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: July 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	348.50 Feet
Water in Storage	98.19 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	547.30 Feet
Water in Storage	555.99 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	451.40 Feet
Water in Storage	34.07 Acre Feet

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45 Acre Feet
Capacity at outlet elevation 362':	0 Acre Feet
Stage of Reservoir Elevation	375.30 Feet
Water in Storage	24.15 Acre Feet

TOTAL STORAGE IN RESERVOIRS

Change in Storage	13.98 Acre Feet
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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	738.15 Feet
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Water in Storage	153,684 AF
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Area	2,596
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Evaporation	1,551.5 AF
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Inflow	318 AF
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Downstream Release WR8918	0 AF
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Fish Release	268.0 AF
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Spill/Seismic Release	0 AF
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State Project Water	0 AF
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Change in Storage	-5,332 AF
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Tecolote Diversion	3,079.2 AF
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Rainfall: Month: 0.00 Season: 12.96 Percent of Normal: 0%

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. 7/31/12

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	Evapp	Div	Acree-feet	Total	M & I	Agri	M & I	Agri
Oct			125	105	230	11	230	241	131	110	0	0	0	0
Nov			115	87	202	5	202	207	118	89	0	0	0	0
Dec			140	108	248	3	248	251	142	109	0	0	0	0
Jan			146	145	291	3	291	294	148	147	0	0	0	0
Feb			93	92	185	4	185	189	95	94	0	0	0	0
Mar			120	110	230	4	230	234	122	112	0	0	0	0
Apr			92	60	152	4	152	156	94	62	0	0	0	0
May			140	135	275	5	275	280	142	137	0	0	0	0
Jun			202	219	421	2	134	135	65	70	0	0	0	0
Jul			232	255	487	0	0	0	0	0	138	149	288	487
Aug											232	255		
Sep														
Total			1,405	1,316	2,721									

Month	STORAGE WATER		CONVERSIONS CURRENT SCHEDULE		SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
	M & I	Agri	M & I	Agri	M&I	AG	M&I	AG
Oct	0	0	0	0	1,988	1,061	928	1,800
Nov	0	0	0	0	0	0	5	5
Dec	0	0	0	0	0	0	8	8
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	7	7
Apr	0	0	0	0	0	0	19	19
May	0	0	0	0	0	0	(721)	(721)
Jun	-2	2	0	0	0	0	62	62
Jul	0	0	0	0	0	0	69	69
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Total					1,988	1,061	928	1,800

Month	REMAINING BALANCES		REMAINING BALANCES	
	Total	M&I	AG	Total
Oct	1747	930	818	2818
Nov	1540	812	729	2826
Dec	1288	670	620	2826
Jan	994	522	473	2826
Feb	805	427	379	2826
Mar	571	305	267	2833
Apr	415	211	205	2852
May	135	69	68	2131
Jun	0	2	0	1905
Jul	0	2	0	1487
Aug				
Sep				
Total	1747	930	818	2818

TOTAL 1,487

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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. 7/3/12

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	Allocation	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				897	245	1,142	0	0	0	0	0	897	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													
Sep													
Total				7,590	1,925	9,515							

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULES AND REVISIONS	
	M & I	Agr	M & I	Agr	M & I	AG	M & I	AG
Oct	0	0	0	0	0	0	6,862	2,460
Nov	0	0	0	0	0	0	10	10
Dec	279	-279	0	0	0	0	17	17
Jan	22	-22	0	0	0	0	0	0
Feb	-1	1	0	0	0	0	0	0
Mar	1	-1	0	0	0	0	15	15
Apr	-1	1	0	0	0	0	42	42
May	1	-1	0	0	0	0	509	509
Jun	-1	1	0	0	0	0	140	140
Jul	1	-1	0	0	0	0	155	155
Aug								
Sep								
Total							2,530	2,460

Month	REMAINING BALANCES	
	M & I	AG
Oct	1505	525
Nov	742	388
Dec	28	27
Jan	0	-1
Feb	0	0
Mar	0	-1
Apr	0	0
May	0	-1
Jun	0	0
Jul	0	-1
Aug	0	0
Sep	0	-1
Total	1505	525

TOTAL 3,204

SUMMARY OF WATER USED
CACHUMIA 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. 7/31/12

Month	TOTAL WATER USED		WATER USE CHARGED TO CARRYOVER BALANCES				Allocation		WATER USE CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr	Evap	Div	Total	M & I	Agr	M & I	Agr	
Oct	853	0	33	853	886	0	0	0	0	
Nov	786	0	14	786	800	0	0	0	0	
Dec	576	0	9	576	585	0	0	0	0	
Jan	909	0	9	909	918	0	0	0	0	
Feb	845	0	10	845	855	0	0	0	0	
Mar	819	0	10	819	829	0	0	0	0	
Apr	348	0	6	348	354	0	0	0	0	
May	566	0	6	566	561	0	0	11	0	
Jun	637	0	0	637	0	0	0	637	0	
Jul	876	0	0	876	0	0	0	876	0	
Aug	0	0	0	0	0	0	0	0	0	
Sep	0	0	0	0	0	0	0	0	0	
Total	7,215	0	7,215	7,215	7,215	0	0	0	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	8,277	7
Nov	0	0	0	0	0	0	7	12
Dec	0	0	0	0	0	0	12	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	10	10
Apr	0	0	0	0	0	0	28	28
May	0	0	0	0	0	0	384	384
Jun	0	0	0	0	0	0	93	93
Jul	0	0	0	0	0	0	104	104
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	
	M & I	Agr
Oct	4902	0
Nov	4101	0
Dec	3517	0
Jan	2599	0
Feb	1743	0
Mar	915	0
Apr	561	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Total	4902	0

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TOTAL 7,391

SUMMARY OF WATER USED
 CACHUWA 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. 7/31/12

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	Total
Oct	7	0	0	7	7	7	0	0
Nov	4	0	0	4	4	4	0	0
Dec	3	0	0	3	3	3	0	0
Jan	4	0	0	4	4	4	0	0
Feb	2	0	0	2	2	2	0	0
Mar	2	0	0	2	2	2	0	0
Apr	2	0	0	2	2	2	0	0
May	7	0	0	7	7	7	0	0
Jun	11	0	0	7	7	7	4	4
Aug	13	0	0	0	0	13	0	13
Sep								
Total	54	0			54			

Approved Schedule Current Year 2651 Previous Year 38

STORAGE WATER		CONVERSIONS	
M & I	Agr	M & I	Agr
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
3	-3	0	0
7	-7	0	0
0	0	0	0

SCHEDULE AND REVISIONS		SCHEDULE AND REVISIONS	
Total	M & I	Agr	Total
38	28	10	2,661
Begin Bal			(29)
Ex cwwd-5/gwd-10/city-7/mwd-7			(49)
Ex cwwd-8/gwd-17/city-12/mwd-12			0
			0
			0
Ex cwwd-7/gwd-15/city-10/mwd-10	(19)	(23)	(42)
Ex cwwd-19/gwd-42/city-28/mwd-28	(39)	(78)	(117)
Ex cwwd-79/gwd-176/city-117/mwd-117	(159)	(330)	(489)
Ex cwwd-62/gwd-140/city-93/mwd-93	(98)	(290)	(388)
Ex cwwd-69/gwd-155/city-104/mwd-104	(112)	(320)	(432)
			0
			0

COUNTY PARKS

Month	A.F. Used		REMAINING BALANCES	
	Total	M & I	Agr	Total
Oct	7.34	21	10	2622
Nov	3.84	17	10	1757
Dec	3.14	14	10	1757
Jan	3.58	20	10	1757
Feb	1.72	8	10	1757
Mar	2.12	6	10	1734
Apr	2.13	4	10	1656
May	6.8	7	7	1559
Jun	10.9	0	0	1366
Jul	12.96	0	0	1046
Aug				
Sep				

*NOTE:

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TOTAL 1,088

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

MONTH	DELVRD TO LAKE	DELVD to Lake Stored	CVWD Delvd to Lake Stored	Transf to MW	DELVD to Lake Stored	MWD Evap/Spill	DELVD to SC	S.B. Delvd to Lake Stored	GWD Delvd to Lake Stored	DELVD to SC	LCMWC Delvd to Lake Stored	Evap/Spill	DELVD to SC	RSYS Delvd to Lake Stored	DELVD to SC	M.C. Delvd to SC
2011																
Bal. Fwvd																
January	509	0	382	0	0	0	105	0	0	0	127	0	0	0	0	0
February	227	0	118	0	0	5	113	0	0	0	109	0	0	0	0	0
March	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
May	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	50	0	0	44	0	0
July	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	80	0	0	0	0	0
September	30	0	0	0	0	0	0	0	0	0	30	17	0	13	0	0
October	0	0	0	0	0	0	0	0	0	0	0	-15	0	15	0	0
November	38	0	0	0	0	0	0	0	0	0	38	-2	0	40	0	0
December	35	0	0	0	0	0	0	0	0	0	35	0	0	35	0	0
Total	1013	0	500	0	0	0	218	0	0	0	469	0	0	44	44	0

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

MONTH	DELVRD TO LAKE	DELVD to Lake Stored	CVWD Delvd to Lake Stored	Transf to MW	DELVD to Lake Stored	MWD Evap/Spill	DELVD to SC	S.B. Delvd to Lake Stored	GWD Delvd to Lake Stored	DELVD to SC	LCMWC Delvd to Lake Stored	Evap/Spill	DELVD to SC	RSYS Delvd to Lake Stored	DELVD to SC	M.C. Delvd to SC
2012																
Bal. Fwvd																
January	20	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0
February	15	0	0	0	0	0	0	0	0	0	15	0	0	15	0	0
March	50	0	0	0	0	0	0	0	0	0	50	0	0	50	0	0
April	25	0	0	0	0	0	0	0	0	0	25	0	0	25	0	0
May	23	0	0	0	0	0	0	0	0	0	23	0	0	23	0	0
June	36	0	0	0	0	0	0	0	0	0	36	0	0	36	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	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
November	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
Total	169	0	0	0	0	0	0	0	0	0	169	0	0	169	0	0

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

AUGUST 2012

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: August 22, 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			
1	738.15	153,684		3.6	0.0	.0	122.2	24.1	8.0	.0	58.3	.333	.00
2	738.07	153,475	-209	1.0	0.0	.0	115.7	24.1	8.0	.0	61.2	.350	.00
3	737.99	153,267	-208	27.0	0.0	.0	122.5	24.1	8.0	.0	52.4	.300	.00
4	737.92	153,087	-180	-9.5	0.0	.0	121.6	24.1	8.0	.0	42.8	.245	.00
5	737.84	152,881	-206	17.1	0.0	.0	100.4	24.1	8.0	.0	39.6	.227	.00
6	737.78	152,726	-155	-2.6	0.0	.0	97.3	24.1	8.0	.0	48.0	.275	.00
7	737.71	152,546	-180	49.0	0.0	.0	121.9	24.1	8.0	.0	50.0	.287	.00
8	737.65	152,391	-155	-12.8	0.0	.0	131.4	24.1	8.0	.0	55.7	.320	.00
9	737.56	152,159	-232	39.7	0.0	.0	131.4	24.1	8.0	.0	56.2	.323	.00
10	737.49	151,979	-180	28.5	0.0	.0	134.2	21.1	14.0	.0	65.2	.375	.00
11	737.41	151,773	-206	36.6	5.4	.0	127.4	20.2	16.0	.0	59.4	.342	.00
12	737.34	151,592	-181	2.4	6.2	.0	119.7	18.2	16.0	.0	60.7	.350	.00
13	737.26	151,386	-206	43.7	6.3	.0	107.4	16.4	16.0	.0	65.2	.376	.00
14	737.20	151,231	-155	10.4	6.2	.0	126.2	16.2	16.0	.0	64.2	.371	.00
15	737.12	151,025	-206	4.4	6.3	.0	125.3	16.2	16.0	.0	59.2	.342	.00
16	737.04	150,819	-206	5.7	6.3	.0	105.9	16.2	15.0	.0	53.9	.312	.00
17	736.97	150,640	-179	-0.3	6.3	.0	124.6	16.2	16.0	.0	53.2	.308	.00
18	736.89	150,436	-204	31.2	6.3	.0	106.5	16.2	16.0	.0	51.8	.300	.00
19	736.83	150,283	-153	24.1	6.3	.0	98.9	16.2	16.0	.0	52.3	.303	.00
20	736.77	150,130	-153	-24.2	6.3	.0	73.7	16.1	16.0	.0	54.3	.315	.00
21	736.70	149,952	-178	32.0	2.2	.0	128.3	16.2	15.0	.0	53.7	.312	.00
22	736.63	149,773	-179	10.4	0.0	.0	104.7	16.1	16.0	.0	51.6	.300	.00
23	736.56	149,595	-178										
TOTAL (AF)			-4,089	317.4	64.1	.0	2,547.2	438.4	276.0	.0	1,208.9	6.966	.00
(AVG)		151,507											

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.



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

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

Cachuma Lake Recreation Area Boat Launch Data -- JULY 2012		
Inspection Data		
Total Vessels entering Park	864	
Total Vessels launched	871	
Total Vessels Quarantined	7	1%
Returning with Boat Launch Tag	589	68%
Arriving new: Inspected, washed	175	20%
Kayak/Canoe: Inspected	107	12%
4-stroke engines	253	29%
2-strokes, w/CARB star ratings	189	22%
2-strokes, NO emissions ratings	322	37%

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.

No mussel species have been located on any vessel entering Cachuma Lake as of July 31, 2012.

Quarantine Data		
Total Vessels Quarantined	7	
Quarantined 7 days	2	
Quarantined 14 days	5	

Quarantine Reasons -- May be several for 1 boat		
Water on vessel	1	
Debris on hull	0	
Plug installed	0	
From infected county	4	
Ballast tanks	0	
Boat longer than 24 feet	0	
Out-of-state	0	
Unspecified	2	

Demographic Data		
Quarantined from infected county	4	
Quarantined from SB County	3	

CACHUMA LAKE QUAGGA SURVEY:

Summary: No Dreissenid mussels were detected
 Inspection site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time : 2012.07.18; 1300– 1530 PDT
 Method: 13* PVC/Cement/Plastic Mesh Sampling Stations; 334 linear feet of line
 Surveyors: Liz Gaspar (CSD), Heather Lahr, Alexa Mutti, Natalie Ninh (Sea Grant).
 Lake Elevation: 739.03 from maximum of 753 feet
 *Station 6 missing; will be replaced.