

REVISED AGENDA
REGULAR MEETING
OF
CACHUMA OPERATION AND MAINTENANCE BOARD

3301 Laurel Canyon Road
Santa Barbara, CA 93105

Monday, November 21, 2011

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 October 24, 2011 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Payment of Claims
4. **VERBAL UPDATE FROM GENERAL COUNSEL**
 - a. Joint Defense and Cooperation Agreement
 - b. Quiota Creek MOU's with the County of Santa Barbara
5. **OPERATIONS DIVISION ACTIVITIES**
 - a. Operations Report
6. **FISHERIES DIVISION ACTIVITIES**
 - a. Lower Santa Ynez River Fisheries Report
7. **REPORTS FROM THE MANAGER**
 - a. Cachuma Water Reports
 - b. Cachuma Reservoir Current Conditions
 - c. Lake Cachuma Quagga Survey

8. **DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING**
9. **[CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL- ANTICIPATED LITIGATION**
 - A. **INITIATION OF LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(c). Two cases**
 - B. **SIGNIFICANT EXPOSURE TO LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(b): Two cases**
10. **MEETING SCHEDULE**
 - December 19, 2011 at 2:00 P.M., COMB Office
 - Board Packages Available on COMB Website
www.cachuma-board.org
11. **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 a public hearing 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" forms 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 the
Cachuma Operation & Maintenance Board Office
3301 Laurel Canyon Road, Santa Barbara, CA
Monday, October 24, 2011

1. Call to Order, Roll Call

The meeting was called to order at 2:01 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 (2:37 p.m.)	City of Santa Barbara

Others present:

Bruce Mowry	Tony Trembley
John McInnes	Charles Hamilton
Chris Dahlstrom	Bill Ferguson
Ruth Snodgrass	Janet Gingras
Tom Mosby	Kate Rees
Melinda Fournier	Zach Fournier
Tim Robinson	Theresa Lancy
Sonia Fernandez	Phil Walker
Kate Rees	

2. Public Comment

Phil Walker commented on past rain events and sedimentation in the reservoirs.

3. Consent Agenda

- a. Minutes:**
September 26, 2011 Regular Board Meeting and September 21, 2011 Special Board Meeting
- b. Investment Funds**
Investment Report
Payment of Claims

Director Morgan moved to approve the Consent Agenda as presented, seconded by Director Lieberknecht and Director Beebe passed 5/0/2, Director Francisco was absent.

4. Modified SCC Upper Reach Reliability Project

a. Invitation to Bid for Construction of the Modified Upper Reach Reliability Project

General Manager Bruce Mowry reported that the Project is being partially funded by a Prop 50 Grant up to 3.2 million dollars with the remainder of the funding from the participating Member Units. The grant requirement is to have the construction of the project completed by January 2013. To meet this schedule the bid opening would need to be December 14, 2011 and be presented to the COMB Board for award of the construction contract at the December 19, 2011 meeting. Staff is proposing that the bid go out for advertisement August 25, 2011 if approved at today's meeting.

Director Morgan moved to approve the Modified Upper Reach Reliability Project for advertisement and bid as described in the Invitation to Bid and to authorize other changes deemed necessary by COMB General Counsel before advertising, seconded by Director Lieberknecht.

The motion was passed by a roll call vote:

Ayes: Hanson, Lieberknecht, Morgan

Nays: None

Abstain: Beebe

Absent: Francisco

b. Construction Management Services for the Modified Upper Reach Reliability Project (MURRP)

General Manager Bruce Mowry reported that staff had prepared a "Work Plan" for COMB's O&M staff. The Plan was based on the MURRP project schedule and outlines and identifies tasks and workloads for both construction management and regular operations and maintenance duties required of COMB staff. Mr. Mowry feels confident that staff would be able to perform both functions.

Director Morgan moved conceptual approval of staff to perform Construction Management Services for the Project, seconded by Director Lieberknecht, passed 4/0/3, Director Beebe abstained and Director Francisco was absent.

The Directors requested that staff report to the Board as the plan is updated and developed in more detail.

5. Report From Board Committee

a. Board Administration Committee Meeting, October 18, 2011

Director Hanson reported on the meeting, stating that the committee had continued discussions on COMB's compensation package and OPED liability and topics of interest with the County. Personal and risk management issues and COMB assessments and MU payment were new topics on the agenda.

1) COMB Assessments and Member Unit Payment of Assessments

COMB assessments and Member Unit payment of assessments was discussed and the committee felt that Counsel should review the obligations of the Member Units and report to the Board. Counsel Tony Trembley reported that the JPA, 2003 Amendment, Section 4.2 of Article 4, indicates the parties will divide and pay the administrative costs, the storage operations and maintenance costs and conveyance operations and maintenance costs of the Board according to their use of the facilities and their participation in the benefit of the annual yield of the Cachuma Project such cost shall be assessed to the parties on a schedule approved by the Board. The Board makes the assessments and the parties pay the assessments. COMB has the authority to assess the Member Units based on the Board approved annual budget and the Member Units have an obligation to pay their assessments to COMB.

6. Santa Barbara County Pursuing Quiota Creek Easements

General Manager Bruce Mowry reported that the County of Santa Barbara began the process to realign all of their easements along Refugio Road where the road crosses Quiota Creek. The process to realign the easements and record subsequent deeds will take time but will be beneficial to COMB's effort to improve fish passage along Quiota Creek. Until the process is completed all fish passage projects along Quiota Creek will be done with temporary construction easements.

7. Update From General Counsel

a. Joint Defense and Cooperation Agreement

Counsel Tony Trembley reported that he had not seen the latest version of the Agreement for his review. He would bring it back to the Board once the review is complete.

b. MOU with the County of Santa Barbara

Counsel Tony Trembley reported that due to the work load for the Modified Upper Reach Reliability Project he had been unable to review the status of the MOU with the County of Santa Barbara.

8. Quiota Creek Project Crossing #2 Update

a. Change Order for Quiota Creek Project Crossing #2 – Report from the General Manager

General Manger Bruce Mowry reported that bedrock was discovered while excavating for the second of two constructed rock riffles. A new design was agreed upon by the NMFS and CDFG Fish Passage engineers. The unexpected change required a change order for \$32,080, which was approved by COMB's General Manager prior to construction.

Tim Robinson presented the Board with some photographs of the nearly completed project. The remaining tasks are to install the guard and bridge rails, pave the road, replace ranch fencing, hydro-mulch and seed, and plant mitigation trees. The project is scheduled to be completed by the middle of November.

9. Operations Division Activities

a. Operations Report

The September Operations Report was included in the board packet.

10. Fisheries Division Activities

a. Lower Santa Ynez River Fisheries Report

The monthly report was included in the board packet.

b. Cross Creek Ranch Fish Passage Project – Weir Repair

General Manager Bruce Mowry reported that Tim Robinson has applied for a California Department of Fish and Game discretionary funds grant for these repairs on El Jaro Creek. The recommended repair is to place seven 2-4 ton boulders in three damaged locations, adding small chinking rock to seal the weir. The project will go forward upon receiving full grant funding.

11. Reports From the Manager

a. Cachuma Water Reports

The monthly water reports were included in the board packet.

b. Cachuma Reservoir Current Conditions

The daily operations report for Lake Cachuma through October 18, 2011 was included in the board packet.

c. Lake Cachuma Quagga Survey

The Cachuma Lake Quagga Survey for September was included in the board packet. No mussels were detected in September 2011.

d. Report on General Managers Meeting, October 5, 2011

General Manager Bruce Mowry reported that the managers had a productive meeting on October 5th. The November 2nd meeting will be to discuss the amendment to the JPA.

12. Directors' Request for Agenda Items for Next Meeting

There were no requests.

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

Initiation of Litigation Pursuant to Government Code Section 54956.9(c) Two cases

Counsel Tony Trembley announced the closed session.

The Board went in to closed session at 3:09 p.m. and came out of closed session at 3:42 p.m.

There was no action to report out of closed session.

14. Meeting Schedule

- The next regular Board meeting will be held November 21, 2011 at 2:00 P.M.
- The Agendas and Board Packets are available on the COMB website,
www.cachuma-board.org

15. COMB Adjournment

There being no further business, the meeting was adjourned at 3:43 p.m.

Respectfully submitted,

Bruce Mowry, Secretary of the Board

APPROVED:

Lauren Hanson, President of the Board

Approved _____
Unapproved _____ ✓

COMB
Statement of Net Assets
As of October 31, 2011

ASSETS

Current Assets

Checking/Savings

TRUST FUNDS

1210 · WARREN ACT TRUST FUND 128,053.62

1220 · RENEWAL FUND 10,045.46

Total TRUST FUNDS 138,099.08

1050 · GENERAL FUND 1,286,686.90

1100 · REVOLVING FUND 4,611.58

Total Checking/Savings 1,429,397.56

Other Current Assets

1010 · PETTY CASH 400.00

1200 · LAIF 3,861.29

1303 · Bradbury SOD Act Assmnts Rec 66,328.00

1304 · Lauro Dam SOD Assesmnt Rec 19,321.00

1305 · ACCRUED INTEREST RECEIVABLE 65.00

1400 · PREPAID INSURANCE 12,860.72

1401 · W/C INSURANCE DEPOSIT 6,529.00

Total Other Current Assets 109,365.01

Total Current Assets 1,538,762.57

Fixed Assets

1500 · VEHICLES 422,916.00

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 -1,094,393.64

Total Fixed Assets 242,537.66

Other Assets

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

1920 · LT Lauro SOD Act Assess Rec 954,102.00

Total Other Assets 6,511,355.07

TOTAL ASSETS 8,292,655.30

COMB
Statement of Net Assets
As of October 31, 2011

LIABILITIES & NET ASSETS

Liabilities

Current Liabilities

Accounts Payable

2200 · ACCOUNTS PAYABLE

317,004.74

Total Accounts Payable

317,004.74

Other Current Liabilities

Payroll-DepPrm Admin

74.62

Payroll-DepPrm FD

4.62

Payroll-DepPrm Ops

48.86

2550 · VACATION/SICK

51,242.30

2561 · BRADBURY DAM SOD ACT

66,328.61

2563 · LAURO DAM SOD ACT

19,321.00

2565 · ACCRUED INTEREST SOD ACT

87,008.00

2590 · DEFERRED REVENUE

138,099.08

Total Other Current Liabilities

362,127.09

Total Current Liabilities

679,131.83

Long Term Liabilities

2602 · LT SOD Act Liability-Bradbury

5,557,253.07

2603 · LT SOD Act Liability - Lauro

954,102.00

2604 · OPEB LT Liability

155,957.00

Total Long Term Liabilities

6,667,312.07

Total Liabilities

7,346,443.90

NET ASSETS

3901 · Retained Net Assets

181,362.06

Net Income

764,849.34

Total Net Assets

946,211.40

TOTAL LIABILITIES & NET ASSETS

8,292,655.30

Cachuma Operation & Maintenance Board

Statement of Revenues and Expenditures

Budget vs. Actuals - July-October 2011

2:17 PM
11/14/11
Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget
Income									
3000 REVENUE									
3001 - O&M Budget (Qtrly Assessments)	584,635.17	852,475.00	68.6%	1,672,311.50	2,275,848.00	73.5%	2,256,946.67	3,128,323.00	72.1%
3006 - Warren Act	0.00	76,884.00	0.0%	0.00	0.00	0.0%	0.00	76,884.00	0.0%
3007 - Renewal Fund	0.00	191,210.00	0.0%	0.00	0.00	0.0%	0.00	191,210.00	0.0%
3010 - Interest Income	0.00	0.00	0.0%	215.12	0.00	0.0%	215.12	0.00	100.0%
3020 - Misc Income	0.00	0.00	0.0%	1,305.60	0.00	0.0%	1,305.60	0.00	100.0%
3021 - Grant Income	0.00	0.00	0.0%	0.00	1,200,000.00	0.0%	0.00	1,200,000.00	0.0%
3022 - QC Crossing #2 Grant Income	51,415.66	735,501.00	7.0%	0.00	0.00	0.0%	51,415.66	735,501.00	7.0%
3035 - Cachuma Project Betterment Fund	0.00	90,000.00	0.0%	0.00	0.00	0.0%	0.00	90,000.00	0.0%
Total 3000 REVENUE	636,050.83	1,946,070.00	32.7%	1,673,832.22	3,475,848.00	48.2%	2,309,883.05	5,421,918.00	42.6%
Total Income	636,050.83	1,946,070.00	32.7%	1,673,832.22	3,475,848.00	48.2%	2,309,883.05	5,421,918.00	42.6%
Gross Profit									
Expense									
PAYROLL									
Gross	0.00	0.04	0.0%	0.04	0.00	0.0%	0.04	0.00	100.0%
Gross-FD	-0.04	0.00	0.0%	0.00	0.00	0.0%	-0.04	0.00	100.0%
Total PAYROLL	-0.04	0.04	0.0%	0.04	0.00	0.0%	0.00	0.00	0.0%
3100 - LABOR - OPERATIONS									
3101-E - Engineer	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3101-E1 - QC 2 RE Labor	0.00	0.00	0.0%	29,209.52	-35,745.00	0.0%	29,209.52	-35,745.00	0.0%
3101-E - Engineer - Other	0.00	0.00	0.0%	29,209.52	-35,745.00	-81.7%	29,209.52	-35,745.00	-81.7%
Total 3101-E - Engineer	0.00	0.00	0.0%	58,419.04	-35,745.00	-81.7%	58,419.04	-35,745.00	-81.7%
3101-H - Holiday Leave	0.00	3,498.92	0.0%	3,498.92	0.00	0.0%	3,498.92	0.00	100.0%
3101-S - Sick Leave	0.00	3,100.74	0.0%	3,100.74	0.00	0.0%	3,100.74	0.00	100.0%
3101-V - Vacation Leave	0.00	6,058.55	0.0%	6,058.55	0.00	0.0%	6,058.55	0.00	100.0%
3102 - Meter Reading	0.00	863.54	0.0%	863.54	0.00	0.0%	863.54	0.00	100.0%
3103 - SCC Ops	0.00	48,826.51	0.0%	48,826.51	0.00	0.0%	48,826.51	0.00	100.0%
3104 - Veh & Equip Mice	0.00	924.39	0.0%	924.39	0.00	0.0%	924.39	0.00	100.0%
3105 - SCADA	0.00	1,164.87	0.0%	1,164.87	0.00	0.0%	1,164.87	0.00	100.0%
3106 - Rodent Bait	0.00	1,832.22	0.0%	1,832.22	0.00	0.0%	1,832.22	0.00	100.0%
3107 - NORTH PORTAL									
3107-1 - NP INTAKE TOWER									
3107-1a - Maintenance	0.00	204.39	0.0%	204.39	0.00	0.0%	204.39	0.00	100.0%
3107-1b - Cleaning	0.00	252.01	0.0%	252.01	0.00	0.0%	252.01	0.00	100.0%
3107-1f - Operations	0.00	414.78	0.0%	414.78	0.00	0.0%	414.78	0.00	100.0%
Total 3107-1 - NP INTAKE TOWER	0.00	871.18	0.0%	871.18	0.00	0.0%	871.18	0.00	100.0%
3107-2 - NP CONTROL STATION									
3107-2a - Maintenance	0.00	94.28	0.0%	94.28	0.00	0.0%	94.28	0.00	100.0%
3107-2h - Inspection	0.00	125.70	0.0%	125.70	0.00	0.0%	125.70	0.00	100.0%
Total 3107-2 - NP CONTROL STATION	0.00	219.98	0.0%	219.98	0.00	0.0%	219.98	0.00	100.0%
3107-3 - NP TECOLOTE TUNNEL									
3107-3h - Inspection	0.00	125.70	0.0%	125.70	0.00	0.0%	125.70	0.00	100.0%
Total 3107-3 - NP TECOLOTE TUNNEL	0.00	125.70	0.0%	125.70	0.00	0.0%	125.70	0.00	100.0%
Total 3107 - NORTH PORTAL	0.00	1,216.86	0.0%	1,216.86	0.00	0.0%	1,216.86	0.00	100.0%

ITEM # 36
PAGE 3

Cachuma Operation & Maintenance Board

Statement of Revenues and Expenditures

Budget vs. Actuals - July-October 2011

	Fisheries			Operations			TOTAL		
	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget
3108 · GLEN ANNE									
3108-1 · GA SOUTH PORTAL									
3108-1d · Weed Management	0.00			3,218.37			3,218.37	0.00	100.0%
3108-1g · Road	0.00			157.13			157.13	0.00	100.0%
3108-1h · Inspection	0.00			44.51			44.51	0.00	100.0%
Total 3108-1 · GA SOUTH PORTAL	0.00			3,420.01			3,420.01	0.00	100.0%
3108-2 · GA RESERVOIR									
3108-2d · Weed Management	0.00			1,883.91			1,883.91	0.00	100.0%
Total 3108-2 · GA RESERVOIR	0.00			1,883.91			1,883.91	0.00	100.0%
3108-3 · GA PUMP STATION									
3108-3a · Maintenance	0.00			20.53			20.53	0.00	100.0%
Total 3108-3 · GA PUMP STATION	0.00			20.53			20.53	0.00	100.0%
3108-4 · GA TURNOUT									
3108-4d · Weed Management	0.00			2,888.95			2,888.95	0.00	100.0%
Total 3108-4 · GA TURNOUT	0.00			2,888.95			2,888.95	0.00	100.0%
Total 3108 · GLEN ANNE	0.00			8,213.40			8,213.40	0.00	100.0%
3109 · CORONA DEL MAR									
3109-1 · TURNOUT	0.00			94.28			94.28	0.00	100.0%
3109-1h · Inspection	0.00			94.28			94.28	0.00	100.0%
Total 3109-1 · TURNOUT	0.00			94.28			94.28	0.00	100.0%
Total 3109 · CORONA DEL MAR	0.00			94.28			94.28	0.00	100.0%
3110 · LAURO									
3110-1 · YARD									
3110-1a · Maintenance	0.00			10,984.90			10,984.90	0.00	100.0%
3110-1b · Cleaning	0.00			1,850.15			1,850.15	0.00	100.0%
3110-1d · Weed Management	0.00			361.52			361.52	0.00	100.0%
3110-1e · Landscaping	0.00			334.26			334.26	0.00	100.0%
3110-1g · Road	0.00			754.20			754.20	0.00	100.0%
3110-1h · Inspection	0.00			125.70			125.70	0.00	100.0%
3110-1j · Rehabilitation	0.00			408.53			408.53	0.00	100.0%
Total 3110-1 · YARD	0.00			14,819.26			14,819.26	0.00	100.0%
3110-2 · CONTROL STATION									
3110-2a · Maintenance	0.00			94.28			94.28	0.00	100.0%
Total 3110-2 · CONTROL STATION	0.00			94.28			94.28	0.00	100.0%
3110-3 · RESERVOIR									
3110-3d · Weed Management	0.00			926.29			926.29	0.00	100.0%
3110-3e · Landscaping	0.00			94.28			94.28	0.00	100.0%
3110-3f · Operations	0.00			125.70			125.70	0.00	100.0%
3110-3h · Inspection	0.00			107.36			107.36	0.00	100.0%
Total 3110-3 · RESERVOIR	0.00			1,253.63			1,253.63	0.00	100.0%
3110-4 · DEBRIS BASINS									
3110-4a · Maintenance	0.00			477.80			477.80	0.00	100.0%
3110-4b · Cleaning	0.00			439.95			439.95	0.00	100.0%
3110-4f · Operations	0.00			408.53			408.53	0.00	100.0%

Cachuma Operation & Maintenance Board

Statement of Revenues and Expenditures

Budget vs. Actuals - July-October 2011

2:17 PM
11/14/11
Accrual Basis

	Fisheries			Operations			TOTAL		
	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget
3110-4h · Inspection	0.00			217.74			217.74	0.00	100.0%
Total 3110-4 · DEBRIS BASINS	0.00			1,544.02			1,544.02	0.00	100.0%
Total 3110 · LAURO	0.00			17,711.19			17,711.19	0.00	100.0%
3111 · OFFICE									
3111-1 · CREW OFFICE									
3111-1j · Rehabilitation	0.00			231.73			231.73	0.00	100.0%
Total 3111-1 · CREW OFFICE	0.00			231.73			231.73	0.00	100.0%
Total 3111 · OFFICE	0.00			231.73			231.73	0.00	100.0%
3112 · SHEFFIELD									
3112-1 · CONTROL STATION									
3112-1h · Inspection	0.00			31.43			31.43	0.00	100.0%
Total 3112-1 · CONTROL STATION	0.00			31.43			31.43	0.00	100.0%
Total 3112 · SHEFFIELD	0.00			31.43			31.43	0.00	100.0%
3113 · ORTEGA									
3113-1 · CONTROL STATION									
3113-1a · Maintenance	0.00			252.87			252.87	0.00	100.0%
3113-1h · Inspection	0.00			31.43			31.43	0.00	100.0%
3113-1j · Rehabilitation	0.00			94.28			94.28	0.00	100.0%
Total 3113-1 · CONTROL STATION	0.00			378.58			378.58	0.00	100.0%
3113-2 · RESERVOIR									
3113-2a · Maintenance	0.00			233.59			233.59	0.00	100.0%
3113-2d · Weed Management	0.00			384.95			384.95	0.00	100.0%
3113-2f · Operations	0.00			475.06			475.06	0.00	100.0%
3113-2h · Inspection	0.00			116.81			116.81	0.00	100.0%
Total 3113-2 · RESERVOIR	0.00			1,210.41			1,210.41	0.00	100.0%
Total 3113 · ORTEGA	0.00			1,588.99			1,588.99	0.00	100.0%
3114 · BOUNDARY METER									
3114-1 · VAULT									
3114-1a · Maintenance	0.00			86.42			86.42	0.00	100.0%
3114-1j · Rehabilitation	0.00			219.98			219.98	0.00	100.0%
Total 3114-1 · VAULT	0.00			306.40			306.40	0.00	100.0%
Total 3114 · BOUNDARY METER	0.00			306.40			306.40	0.00	100.0%
3115 · CARPINTERIA									
3115-1 · CONTROL STATION									
3115-1a · Maintenance	0.00			432.76			432.76	0.00	100.0%
3115-1h · Inspection	0.00			31.43			31.43	0.00	100.0%
3115-1i · Engineering	0.00			125.70			125.70	0.00	100.0%
3115-1j · Rehabilitation	0.00			157.13			157.13	0.00	100.0%
Total 3115-1 · CONTROL STATION	0.00			747.02			747.02	0.00	100.0%
3115-2 · RESERVOIR									
3115-2d · Weed Management	0.00			149.61			149.61	0.00	100.0%
3115-2h · Inspection	0.00			282.82			282.82	0.00	100.0%

Cachuma Operation & Maintenance Board

Statement of Revenues and Expenditures

Budget vs. Actuals - July-October 2011

	Fisheries		Operations		TOTAL	
	Jul - Oct 11	Budget	Jul - Oct 11	Budget	Jul - Oct 11	Budget
Total 3115-2 - RESERVOIR	0.00		432.43		432.43	
Total 3115 - CARPINTERIA	0.00		1,179.45		1,179.45	
3116 - GOLETA REACH						
3116-1 - STRUCTURES						
3116-1a - Maintenance	0.00		8,119.76		8,119.76	100.0%
3116-1d - Weed Management	0.00		249.50		249.50	100.0%
3116-1h - Inspection	0.00		157.13		157.13	100.0%
3116-1j - Rehabilitation	0.00		94.28		94.28	100.0%
Total 3116-1 - STRUCTURES	0.00		8,620.67		8,620.67	100.0%
Total 3116 - GOLETA REACH	0.00		8,620.67		8,620.67	100.0%
3117 - CARPINTERIA REACH						
3117-1 - STRUCTURES						
3117-1a - Maintenance	0.00		3,492.67		3,492.67	100.0%
3117-1h - Inspection	0.00		537.62		537.62	100.0%
3117-1j - Rehabilitation	0.00		3,546.05		3,546.05	100.0%
Total 3117-1 - STRUCTURES	0.00		7,576.34		7,576.34	100.0%
3117-3 - VALVES						
3117-3j - Rehabilitation	0.00		534.23		534.23	100.0%
Total 3117-3 - VALVES	0.00		534.23		534.23	100.0%
3117-4 - CONDUIT						
3117-4b - Cleaning	0.00		729.98		729.98	100.0%
Total 3117-4 - CONDUIT	0.00		729.98		729.98	100.0%
Total 3117 - CARPINTERIA REACH	0.00		8,840.55		8,840.55	100.0%
3150 - Health & Workers Comp	0.00		67,985.48		67,985.48	100.0%
3155 - PERS	0.00		26,220.24		26,220.24	100.0%
3160 - Ops Co FICA	0.00		10,264.93		10,264.93	100.0%
3165 - Ops Co Medicare	0.00		2,400.66		2,400.66	100.0%
3100 - LABOR - OPERATIONS - Other	0.00		0.00		0.00	0.0%
Total 3100 - LABOR - OPERATIONS	0.00		250,385.52		250,385.52	29.9%
3200 VEH & EQUIPMENT						
3201 - Vehicle/Equip Mice	0.00		7,856.48		7,856.48	31.4%
3202 - Fixed Capital	0.00		1,500.48		1,500.48	15.0%
3203 - Equipment Rental	0.00		1,261.57		1,261.57	25.2%
3204 - Miscellaneous	0.00		2,356.13		2,356.13	47.1%
Total 3200 VEH & EQUIPMENT	0.00		12,974.66		12,974.66	28.8%
3300 - CONTRACT LABOR						
3301 - Conduit, Meter, Valve & Misc	0.00		1,361.00		1,361.00	11.3%
3302 - Buildings & Roads	0.00		6,169.50		6,169.50	30.8%
3303 - Reservolts	0.00		0.00		0.00	0.0%
3304 - Engineering, Misc Services	0.00		0.00		0.00	0.0%
Total 3300 - CONTRACT LABOR	0.00		7,530.50		7,530.50	10.5%
3400 - MATERIALS & SUPPLIES						
3401 - Conduit, Meter, Valve & Misc	0.00		422.21		422.21	1.7%
Total 3400 - MATERIALS & SUPPLIES	0.00		422.21		422.21	1.7%

Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures Budget vs. Actuals - July-October 2011

	Fisheries			Operations			TOTAL		
	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget
3402 - Buildings & Roads	0.00			1,613.22	12,000.00	13.4%	1,613.22	12,000.00	13.4%
3403 - Reservoirs	0.00			2,481.41	10,000.00	24.8%	2,481.41	10,000.00	24.8%
Total 3400 - MATERIALS & SUPPLIES	0.00			4,516.84	47,000.00	9.6%	4,516.84	47,000.00	9.6%
3500 - OTHER EXPENSES									
3501 - Utilities	0.00			1,766.22	6,800.00	26.0%	1,766.22	6,800.00	26.0%
3502 - Uniforms	0.00			2,242.28	4,500.00	49.8%	2,242.28	4,500.00	49.8%
3503 - Communications	0.00			5,384.63	20,000.00	26.9%	5,384.63	20,000.00	26.9%
3504 - USA & Other Services	0.00			382.50	4,000.00	9.6%	382.50	4,000.00	9.6%
3505 - Miscellaneous	0.00			3,312.39	8,000.00	41.4%	3,312.39	8,000.00	41.4%
3506 - Training	0.00			1,139.98	3,000.00	38.0%	1,139.98	3,000.00	38.0%
Total 3500 - OTHER EXPENSES	0.00			14,228.00	46,300.00	30.7%	14,228.00	46,300.00	30.7%
4000 - Reconciliation Discrepancies	0.00			0.01	0.01		0.01	0.00	100.0%
4100 - LABOR - FISHERIES									
4101 - Senior Resource Scientist	0.00		0.0%	0.00	0.00		0.00	-15,000.00	0.0%
4101-1 - QC 2 Project Administration	0.00		0.0%	0.00	0.00		0.00	-3,000.00	0.0%
4101-2 - QC 2 Permit Writing/Admin	24,312.59	91,529.00	26.6%	0.00	0.00		24,312.59	91,529.00	26.6%
4101 - Senior Resource Scientist - Other	24,312.59	73,529.00	33.1%	0.00	0.00		24,312.59	73,529.00	33.1%
Total 4101 - Senior Resource Scientist	24,312.59	91,529.00	26.6%	0.00	0.00		24,312.59	91,529.00	26.6%
4102 - Project Biologist	0.00		0.0%	0.00	0.00		0.00	-10,000.00	0.0%
4102-1 - QC 2 Bio Monitoring	25,532.64	86,565.00	29.5%	0.00	0.00		25,532.64	86,565.00	29.5%
4102 - Project Biologist - Other	25,532.64	76,565.00	33.3%	0.00	0.00		25,532.64	76,565.00	33.3%
Total 4102 - Project Biologist	25,532.64	76,565.00	33.3%	0.00	0.00		25,532.64	76,565.00	33.3%
4103 - Biologist									
4103-1 - QC 2 Bio Monitoring	0.00		0.0%	0.00	0.00		0.00	-10,000.00	0.0%
4103 - Biologist - Other	21,094.15	67,657.00	31.2%	0.00	0.00		21,094.15	67,657.00	31.2%
Total 4103 - Biologist	21,094.15	67,657.00	31.2%	0.00	0.00		21,094.15	67,657.00	31.2%
Total 4100 - LABOR - FISHERIES	126,525.30	387,162.00	32.7%	0.00	0.00		126,525.30	387,162.00	32.7%
4200 - VEHICLES & EQUIP - FISHERIES									
4270 - Vehicle/Equip Mtce	3,006.41	13,000.00	23.1%	0.00	0.00		3,006.41	13,000.00	23.1%
4280 - Fixed Capital	966.72	30,000.00	3.2%	0.00	0.00		966.72	30,000.00	3.2%
4290 - Miscellaneous	532.39	2,500.00	21.3%	0.00	0.00		532.39	2,500.00	21.3%
Total 4200 - VEHICLES & EQUIP - FISHERIES	4,505.52	45,500.00	9.9%	0.00	0.00		4,505.52	45,500.00	9.9%
4220 - CONTRACT LABOR - FISHERIES									
4221 - Meters & Valves	0.00	3,000.00	0.0%	0.00	0.00		0.00	3,000.00	0.0%
4222 - Fish Projects Maintenance	3,112.86	15,000.00	20.8%	0.00	0.00		3,112.86	15,000.00	20.8%
Total 4220 - CONTRACT LABOR - FISHERIES	3,112.86	18,000.00	17.3%	0.00	0.00		3,112.86	18,000.00	17.3%
4300 - MATERIALS/SUPPLIES - FISHERIES									
4390 - Miscellaneous	0.00	6,000.00	0.0%	0.00	0.00		0.00	6,000.00	0.0%

Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July-October 2011

	Fisheries			Operations			TOTAL		
	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget
Total 4300 - MATERIALS/SUPPLIES - FISHERIES	0.00	6,000.00	0.0%	0.00			0.00	6,000.00	0.0%
4500 - OTHER EXPENSES - FISHERIES	0.00	2,500.00	0.0%	0.00			0.00	2,500.00	0.0%
4502 - Uniforms	0.00	2,500.00	0.0%	0.00			0.00	2,500.00	0.0%
Total 4500 - OTHER EXPENSES - FISHERIES	0.00	2,500.00	0.0%	0.00			0.00	2,500.00	0.0%
4999 - GENERAL & ADMINISTRATIVE									
5000 - Director Fees	0.00			358.50			358.50		100.0%
5001 - Director Mileage	0.00			4,992.00			4,992.00		41.6%
5000 - Director Fees - Other	0.00			5,350.50			5,350.50		44.6%
Total 5000 - Director Fees	0.00			5,350.50			5,350.50		44.6%
5100 - Legal	0.00			21,971.80			21,971.80		29.3%
5101-1 - Audit	0.00			9,209.90			9,209.90		70.8%
5200 - Liability Insurance	0.00			41,393.00			41,393.00		134.4%
5201 - Health & Workers Comp	0.00			35,407.17			35,407.17		24.6%
5250 - PERS	0.00			17,036.85			17,036.85		35.2%
5260 - Company FICA Admin	0.00			6,166.65			6,166.65		35.0%
5265 - Company MCARE Admin	0.00			1,442.18			1,442.18		4.1%
5300 - Manager Salary	0.00			38,769.30			38,769.30		34.6%
5301 - Administrative Manager	0.00			22,708.23			22,708.23		33.7%
5304 - Administrative Secretary	0.00			13,440.83			13,440.83		34.8%
5306 - Administrative Assistant	0.00			14,477.57			14,477.57		34.8%
5310 - Postage/Office Exp	0.00			2,776.04			2,776.04		24.8%
5311 - Office Equip/Leases	0.00			3,743.42			3,743.42		38.2%
5312 - Misc Admin Expenses	0.00			2,068.52			2,068.52		17.2%
5313 - Communications	0.00			2,659.36			2,659.36		31.7%
5314 - Utilities	0.00			3,837.17			3,837.17		45.1%
5315 - Membership Dues	0.00			5,117.00			5,117.00		70.1%
5316 - Admin Fixed Assets	0.00			0.00			0.00		0.0%
5318 - Computer Consultant	0.00			6,716.07			6,716.07		38.4%
5325 - Emp Training/Subscriptions	0.00			60.00			60.00		2.0%
5330 - Admin Travel/Conferences	0.00			0.00			0.00		0.0%
5331 - Public Information	0.00			3,000.00			3,000.00		2.0%
5332 - Transportation	0.00			0.00			0.00		0.0%
5333 - Relocation Expense	0.00			325.10			325.10		32.5%
5390 - MURRP Interest Expense	0.00			1,407.43			1,407.43		140.7%
5390 - MURRP Interest Expense	0.00			7,452.11			7,452.11		53.2%
Total 4999 - GENERAL & ADMINISTRATIVE	0.00			263,536.20			263,536.20		36.3%
5400 - GENERAL & ADMIN - FISHERIES									
5401 - Health & Workers Comp.	8,945.84	43,099.00	20.8%	0.00			8,945.84	43,099.00	20.8%
5402 - CaiPERS	7,160.54	20,716.00	34.6%	0.00			7,160.54	20,716.00	34.6%
5403 - Company Fica	2,642.87	7,556.00	35.0%	0.00			2,642.87	7,556.00	35.0%
5404 - Admin Secretary	5,760.38	16,563.00	34.8%	0.00			5,760.38	16,563.00	34.8%
5405 - GM Salary	16,615.35	48,000.00	34.6%	0.00			16,615.35	48,000.00	34.6%
5406 - Company MCare	618.07	1,765.00	35.0%	0.00			618.07	1,765.00	35.0%
5407 - Legal - FD	5,934.00	25,000.00	23.7%	0.00			5,934.00	25,000.00	23.7%
5408 - Administrative Manager									
5408-1 - QC 2 Contract Administration	0.00	-2,000.00	0.0%	0.00			0.00	-2,000.00	0.0%
5408 - Administrative Manager - Other	9,989.82	28,860.00	34.6%	0.00			9,989.82	28,860.00	34.6%
Total 5408 - Administrative Manager	9,989.82	26,860.00	37.2%	0.00			9,989.82	26,860.00	37.2%
5409 - Administrative Assistant									
5409-1 - QC 2 Contract Administration	0.00	-3,000.00	0.0%	0.00			0.00	-3,000.00	0.0%

ITEM # 36
PAGE 8

Cachuma Operation & Maintenance Board

Statement of Revenues and Expenditures

Budget vs. Actuals - July-October 2011

	Fisheries			Operations			TOTAL		
	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget
5409 · Administrative Assistant - Other									
Total 5409 · Administrative Assistant	6,369.94	17,827.00	35.7%	0.00			6,369.94	17,827.00	35.7%
5410 · Postage / Office Supplies	1,336.58	4,800.00	27.8%	0.00			1,336.58	4,800.00	27.8%
5411 · Office Equipment / Leases	1,604.22	4,200.00	38.2%	0.00			1,604.22	4,200.00	38.2%
5412 · Misc. Admin Expense	848.32	6,000.00	14.1%	0.00			848.32	6,000.00	14.1%
5413 · Communications	1,329.48	3,600.00	36.9%	0.00			1,329.48	3,600.00	36.9%
5414 · Utilities	1,586.01	4,500.00	35.2%	0.00			1,586.01	4,500.00	35.2%
5415 · Membership Dues	2,193.00	2,791.00	78.6%	0.00			2,193.00	2,791.00	78.6%
5416 · Admin Fixed Assets	0.00	5,000.00	0.0%	0.00			0.00	5,000.00	0.0%
5418 · Computer Consultant	2,927.86	7,500.00	39.0%	0.00			2,927.86	7,500.00	39.0%
5425 · Employee Education/Subsription	0.00	3,000.00	0.0%	0.00			0.00	3,000.00	0.0%
5430 · Travel	0.00	3,000.00	0.0%	0.00			0.00	3,000.00	0.0%
5431 · Public Information	139.31	1,000.00	13.9%	0.00			139.31	1,000.00	13.9%
5432 · Transportation	632.32	1,000.00	63.2%	0.00			632.32	1,000.00	63.2%
5433 · Relocation Expense - GM	3,193.75	6,000.00	53.2%	0.00			3,193.75	6,000.00	53.2%
5441 · Audit	3,947.10	6,000.00	65.8%	0.00			3,947.10	6,000.00	65.8%
5443 · Liab & Property Ins	13,200.00	13,200.00	100.0%	0.00			13,200.00	13,200.00	100.0%
5490 · Fish Projects Interest Expense	0.00	14,930.00	0.0%	0.00			0.00	14,930.00	0.0%
Total 5400 · GENERAL & ADMIN - FISHERIES	96,974.76	290,907.00	33.3%	0.00			96,974.76	290,907.00	33.3%
5510 · Integrated Reg. Water Mgt Plan	0.00			0.00	15,000.00	0.0%	0.00	15,000.00	0.0%
5513 · Cost / Benefit Analysis	0.00			0.00	25,000.00	0.0%	0.00	25,000.00	0.0%
6000 · SPECIAL PROJECTS									
6062 · SCADA	0.00			0.00	18,500.00	0.0%	0.00	18,500.00	0.0%
6090-1 · COMB Bldg/Grounds Repair	0.00			1,488.92	30,000.00	5.0%	1,488.92	30,000.00	5.0%
6092 · SCC Improv Plan & Design	0.00			0.00	50,000.00	0.0%	0.00	50,000.00	0.0%
6096 · SCC Structure Rehabilitation	0.00			0.00	37,500.00	0.0%	0.00	37,500.00	0.0%
6097 · GIS and Mapping	0.00			3,115.18	10,000.00	31.2%	3,115.18	10,000.00	31.2%
6101 · SCC Emergency Pipeline Repairs	0.00			4,780.35	205,000.00	2.3%	4,780.35	205,000.00	2.3%
6102 · Lauro Debris Basin Maintenance	0.00			11,680.00	76,175.00	15.3%	11,680.00	76,175.00	15.3%
6103 · SCCMURR	0.00			59,089.87	1,200,000.00	4.9%	59,089.87	1,200,000.00	4.9%
Total 6000 · SPECIAL PROJECTS	0.00			80,154.32	1,627,175.00	4.9%	80,154.32	1,627,175.00	4.9%
6200 · FISHERIES ACTIVITIES									
6201 · FMP Implementation	2,758.24	121,500.00	2.3%	0.00			2,758.24	121,500.00	2.3%
6202 · GIS and Mapping	5,566.57	10,000.00	55.7%	0.00			5,566.57	10,000.00	55.7%
6203 · Grants Technical Support	0.00	10,000.00	0.0%	0.00			0.00	10,000.00	0.0%
6204 · SYR Hydrology Technical Support	0.00	25,000.00	0.0%	0.00			0.00	25,000.00	0.0%
6205 · USGS Stream Gauge Program	36,925.00	75,000.00	49.2%	0.00			36,925.00	75,000.00	49.2%
6206 · Tri County Fish Team Funding	0.00	5,000.00	0.0%	0.00			0.00	5,000.00	0.0%
6207 · Oak Tree Restoration Program	29,515.00	80,000.00	36.9%	0.00			29,515.00	80,000.00	36.9%
6208 · Legislative & Steelhead Funding	0.00	8,000.00	0.0%	0.00			0.00	8,000.00	0.0%
6209 · SYR Riverware Model Peer Review	0.00	48,000.00	0.0%	0.00			0.00	48,000.00	0.0%
Total 6200 · FISHERIES ACTIVITIES	74,764.81	382,500.00	19.5%	0.00			74,764.81	382,500.00	19.5%
6300 · HABITAT ENHANCEMENT									
6303 · Tributary Projects Support	0.00	2,000.00	0.0%	0.00			0.00	2,000.00	0.0%
6304 · Engineering Designs - QC	8,189.98	33,000.00	24.8%	0.00			8,189.98	33,000.00	24.8%
6306 · Jalama Repair Design	0.00			0.00			0.00		
6307 · Quiota Creek Crossing #2									
6307-1 · Labor									
6307-1a · Resident Engineer	6,195.93	35,745.00	17.3%	0.00			6,195.93	35,745.00	17.3%
6307-1b · Project Administrator	4,312.39	15,000.00	28.7%	0.00			4,312.39	15,000.00	28.7%

Cachuma Operation & Maintenance Board

Statement of Revenues and Expenditures

Budget vs. Actuals - July-October 2011

	Fisheries			Operations			TOTAL		
	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget	Jul - Oct 11	Budget	% of Budget
6307-1c · Contract Administration	986.90	5,000.00	19.7%	0.00	0.00	0.00	986.90	5,000.00	19.7%
6307-1d · Permit Writing / Administration	132.01	3,000.00	4.4%	0.00	0.00	0.00	132.01	3,000.00	4.4%
6307-1e · Biological Monitoring	11,466.50	20,000.00	57.3%	0.00	0.00	0.00	11,466.50	20,000.00	57.3%
Total 6307-1 · Labor	23,093.73	78,745.00	29.3%	0.00	0.00	0.00	23,093.73	78,745.00	29.3%
6307-2 · Design, Permtg, Testing, Ovsrsite	28,808.99	44,000.00	65.5%	0.00	0.00	0.00	28,808.99	44,000.00	65.5%
6307-3 · Bottomless Arched Culvert	172,312.64	159,800.00	107.8%	0.00	0.00	0.00	172,312.64	159,800.00	107.8%
6307-4 · Mobilization	43,000.00	29,000.00	148.3%	0.00	0.00	0.00	43,000.00	29,000.00	148.3%
6307-5 · Demolition, Disposal	30,500.00	20,736.00	147.1%	0.00	0.00	0.00	30,500.00	20,736.00	147.1%
6307-6 · Install, O & M Dewatering Sys	15,192.25	27,310.00	55.6%	0.00	0.00	0.00	15,192.25	27,310.00	55.6%
6307-7 · Erosion Cntrl - Revegetation	3,941.82	7,770.00	50.7%	0.00	0.00	0.00	3,941.82	7,770.00	50.7%
6307-8 · Site Ex, Stockpiling, Mat Prep	17,325.00	35,298.00	49.1%	0.00	0.00	0.00	17,325.00	35,298.00	49.1%
6307-9 · Over Ex, Footing Prep	7,200.00	22,266.00	32.3%	0.00	0.00	0.00	7,200.00	22,266.00	32.3%
6307-10 · Construct CIP Footing Prep	40,000.00	37,880.00	105.6%	0.00	0.00	0.00	40,000.00	37,880.00	105.6%
6307-11 · Install Prefab Arched Sys	30,000.00	30,048.00	99.8%	0.00	0.00	0.00	30,000.00	30,048.00	99.8%
6307-12 · Road Embkmt Fll, Cmpct, Grad	47,000.00	39,640.00	118.6%	0.00	0.00	0.00	47,000.00	39,640.00	118.6%
6307-13 · Rd bse import, prep, grading	20,880.00	13,170.00	158.5%	0.00	0.00	0.00	20,880.00	13,170.00	158.5%
6307-14 · Install Asphaltic Cnctr Pmnt	0.00	25,432.00	0.0%	0.00	0.00	0.00	0.00	25,432.00	0.0%
6307-15 · Install Grdrrail, Bridgerail sys	0.00	85,360.00	0.0%	0.00	0.00	0.00	0.00	85,360.00	0.0%
6307-16 · Apply Bridge Coating Sys	7,000.00	16,000.00	43.8%	0.00	0.00	0.00	7,000.00	16,000.00	43.8%
6307-17 · Construct Rock Weir	24,400.00	35,427.00	68.9%	0.00	0.00	0.00	24,400.00	35,427.00	68.9%
6307-18 · Construct Rock Riffles	44,080.00	51,922.00	84.9%	0.00	0.00	0.00	44,080.00	51,922.00	84.9%
6307-19 · Install Rock Slope Protection	30,900.00	32,748.00	94.4%	0.00	0.00	0.00	30,900.00	32,748.00	94.4%
6307-20 · Perform Finish Grading	12,000.00	5,648.00	212.5%	0.00	0.00	0.00	12,000.00	5,648.00	212.5%
6307-21 · Cattle Exclusion Fencing	0.00	1,200.00	0.0%	0.00	0.00	0.00	0.00	1,200.00	0.0%
6307-22 · Replace Existing Fence	0.00	4,346.00	0.0%	0.00	0.00	0.00	0.00	4,346.00	0.0%
6307-23 · Site Clean-up and Demobilizatio	0.00	10,500.00	0.0%	0.00	0.00	0.00	0.00	10,500.00	0.0%
6307 · Quiota Creek Crossing #2 · Other	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	0.00	0.0%
Total 6307 · Quiota Creek Crossing #2	597,634.43	814,246.00	73.4%	0.00	0.00	0.00	597,634.43	814,246.00	73.4%
Total 6300 · HABITAT ENHANCEMENT	605,824.41	849,246.00	71.3%	0.00	0.00	0.00	605,824.41	849,246.00	71.3%
9600 · Extraordinary Items - reorg	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
Total Expense	911,707.62	1,981,815.00	46.0%	633,326.09	3,440,103.00	18.4%	1,545,033.71	5,421,918.00	28.5%
Net Income	-275,656.79	-35,745.00	771.2%	1,040,506.13	35,745.00	2,910.9%	764,849.34	0.00	100.0%

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

www.treasurer.ca.gov/pmia
-laif
November 03,
2011

CACHUMA OPERATION AND MAINTENANCE BOARD

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

PMIA Average Monthly Yields

Transactions

October 2011 Statement

Tran Type Definitions

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
10/14/2011	10/13/2011	QRD	1334582	SYSTEM	10.59

Account Summary

Total Deposit:	10.59	Beginning Balance:	3,850.70
Total Withdrawal:	0.00	Ending Balance:	3,861.29

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 October, 2011, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all LAIF investments of this agency for the period indicated.


Secretary

ITEM # 36
PAGE 11

SANTA BARBARA BANK & TRUST

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

1883

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

Banking Statement

Statement Period: 10/01/2011 to 10/31/2011

Customer Number:

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

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

www.sbbt.com

Our Community. Your Bank.

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

Business Money Market

Checking Summary

Cachuma Operation & Maintenance Board

Master Contract Renewal Fund

Account Number	102335072
Interest Paid YTD	18.25
Interest Paid Last Year	39.98

Deposit Account Recap

Beginning Balance as of	
October 1, 2011	10,042.90
1 Deposits (Plus)	2.56
Ending Balance as of	
October 31, 2011	10,045.46
Interest Paid	2.56

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 October, 2011, 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
PAGE 12

1884
Cachuma Operation & Maintenance Board
Cachuma Project Trust Fund
3301 Laurel Canyon Rd
Santa Barbara CA 93105-2017

Banking Statement

Statement Period: 10/01/2011 to 10/31/2011

Customer Number:

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

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

www.sbbt.com

Our Community. Your Bank.

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

Public Capital Tiered MMDA

Checking Summary

Cachuma Operation & Maintenance Board

Cachuma Project Trust Fund

Account Number	102335080
Interest Paid YTD	308.08
Interest Paid Last Year	447.50

Deposit Account Recap

Beginning Balance as of		
October 1, 2011		123,286.10
2 Deposits (Plus)		4,767.52
Ending Balance as of		
October 31, 2011		128,053.62
Interest Paid		37.52

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 October, 2011, 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.

Bruce Mowry
Secretary

ITEM # 36
PAGE 13

comb2
Payment of Claims
As of October 31, 2011

	Date	Num	Name	Memo	Amount
1050 · GEN FUND	10/04/2011	20296	Acorn Landscape Management Co.	Scheduled mtce	-253.17
	10/04/2011	20297	ACWA Health Benefits Authority (HBA)	Oct EAP	-49.56
	10/04/2011	20298	ASCE	Prof Eng-JColton Member renewal #310059	-255.00
	10/04/2011	20299	Business Card	JG-Webhosting/JC-CalTrans standard specs/plans 2010	-181.79
	10/04/2011	20300	Cardno ENTRIX	Task mgt/File mtce/BO Compliance tasks-support	-528.68
	10/04/2011	20301	Central Machine & Welding	Repair air valves	-430.40
	10/04/2011	20302	CIO Solutions, LP	Internal hard drive-server	-307.53
	10/04/2011	20303	Coastal Copy, LP	Mtce agmts 4035/TaskAlfa	-555.41
	10/04/2011	20304	Crop Production Services, Inc	Roundup/coveralls/gloves/rodent bait/pesticide	-2,443.28
	10/04/2011	20305	Draganchuk Alarm Systems	Alarm monitoring 10/1-12/31/11	-82.50
	10/04/2011	20306	ECHO Communications	Answering service	-63.20
	10/04/2011	20307	Famcon Pipe & Supply	Flanges/gaskets/bolts/nuts	-153.37
	10/04/2011	20308	GE Capital	Lease agmt KM-C4035E Billing ID#90133933786	-494.57
	10/04/2011	20309	Grainger	Water pump 2hp w/100 ft cord PO#9042	-1,500.48
	10/04/2011	20310	Growing Solutions	Plant care-MURRP site PO#8987-Final	-100.00
	10/04/2011	20311	Home Depot Credit Services	Small hose/bug spray	-22.30
	10/04/2011	20312	Nextel Communications	Cellular/equip	-728.86
	10/04/2011	20313	Perimeter Security Systems	Swing gate repair-Lauro yard/San Roque Rd	-685.87
	10/04/2011	20314	Peter Lapidus Construction, Inc.	Quiota Crk xng 2	-147,622.50
	10/04/2011	20315	PG&E	NP	-219.94
	10/04/2011	20316	Praxair Distribution, Inc	Cylinder rental	-54.64
	10/04/2011	20317	Republic Elevator Co.	Scheduled mtce-NP elevator	-278.12
	10/04/2011	20318	Reserve Account	Postage refill	-400.00
	10/04/2011	20319	Santa Barbara Concrete Cutting	8" vault core hole-Ortega Ridge	-250.00
	10/04/2011	20320	Scott Engblom	Sep reimb	-94.32
	10/04/2011	20321	Southern California Edison	Main ofc/outlying stations	-1,659.34
	10/04/2011	20322	State Compensation Ins. Fund	Deposit prem due 7/1-9/1/11 Group#266 Policy 000064-11	-1,868.97
	10/04/2011	20323	State Compensation Insurance Fund	Payroll Report Sep 2011	-6,093.47
	10/04/2011	20324	Underground Service Alert of So. Calif.	New ticket charges	-78.00
	10/05/2011	20325	A-OK Mower Shops, Inc.	Stihl saw carb repair/kit	-87.77
	10/05/2011	20326	Aqua-Flo Supply	Silt fencing/straw wattle-Quiota Crk xng 2/silt fence stakes	-515.33
	10/05/2011	20327	AT&T	Sep statement	-361.13
	10/05/2011	20328	Bedrock Building Supplies	Plaster sand/concrete	-57.75
	10/05/2011	20329	CIO Solutions, LP	Maintain-IT-Oct	-1,900.00
	10/05/2011	20330	COMB-Petty Cash	Replenish petty cash	-294.16
	10/05/2011	20331	COMB - Revolving Fund	Oct 14 & 28 payrolls/taxes	-108,773.36
	10/05/2011	20332	Culligan Water	RO system Oct	-24.95
	10/05/2011	20333	Dale Francisco	Sept mtg fees	-396.69
	10/05/2011	20334	Dennis E. Beebe	Sep mtg fees	-412.92
	10/05/2011	20335	Lauren W. Hanson	Sep mtg fees	-527.30
	10/05/2011	20336	MarBorg Industries	Portable toilets	-328.62
	10/05/2011	20337	McCormix Corp.	Diesel fuel	-223.81
	10/05/2011	20338	Milpas Rental	Chipper	-446.86
	10/05/2011	20339	Musick, Peeler & Garrett LLP	General/Quiota Crk xng 2 & 6-Jul-Aug	-16,031.00
	10/05/2011	20340	Paychex, Inc.	9/16,30 payrolls	-259.47
	10/05/2011	20341	Powell Garage	Silverado-oil/filter/washer pump/brake replace-gen srvc	-623.71
	10/05/2011	20342	Robert R. Lieberknecht	Sep mtg fees	-555.29
	10/05/2011	20343	State Compensation Ins. Fund	Surcharge due Group#266 Policy 000064-11	-35.14
	10/05/2011	20344	W. Douglas Morgan	Sep mtg fees	-414.60
	10/05/2011	20345	WFCB-OSH Commercial Services	Misc parts for air vents	-84.24
	10/13/2011	20346	ACWA Health Benefits Auth. (HBA)	11/1-12/1/11 coverage	-18,913.23
	10/13/2011	20347	CIO Solutions, LP	Postini-Oct	-42.50
	10/13/2011	20348	City of Santa-Barbara	Refuse/recycle 8/31-9/29/11	-168.75
	10/13/2011	20349	City of Santa Barbara-Central Stores	Gloves	-64.26
	10/13/2011	20350	County of Santa--Barbara	Green waste/general garbage	-498.25
	10/13/2011	20351	Cox Communications	Business internet Oct	-365.00
	10/13/2011	20352	Famcon Pipe & Supply	Flanges/spools/bolts/nuts/gaskets	-1,680.61
	10/13/2011	20353	Fed Ex Kinko's, Inc.	Quiota Crk Xng 2 drawings copies	-359.29
	10/13/2011	20354	Fleet Services	Fuel	-2,580.12
	10/13/2011	20355	GE Capital	Lease agmt TASKalfa Billing ID#90136047559	-133.61
	10/13/2011	20356	Hydrex Pest Control Co.	Ant/pest control	-68.00
	10/13/2011	20357	J&C Services	Cleaning services 9/16,23,30, 10/7	-600.00
	10/13/2011	20358	Prudential Overall Supply	Mats	-135.48
	10/13/2011	20359	SB Home Improvement Center	Misc supplies-South Reach Sta 510+20	-72.67
	10/13/2011	20360	Southern California Edison	Glen Anne gate/Corona-Glen Anne Rd/Foothill Rd	-80.76

comb2
Payment of Claims
As of October 31, 2011

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
10/13/2011	20361	Staples Credit Plan	Office Supplies	-367.42
10/13/2011	20362	Verizon California	Main ofc/outlying stations	-451.30
10/13/2011	20363	Verizon Wireless	Cellular	-122.47
10/13/2011	20364	YSI Incorporated	Water quality probe PO#9055	-966.72
10/17/2011	20365	HDR Engineering, Inc.	BO/FMP implem/Quiota Crk tech support-Aug/Sep	-11,837.37
10/17/2011	20366	Fugro Consultants, Inc.	Quiota xng 2 geotech services PO#11-12-02-Sep	-2,415.75
10/17/2011	20367	Melinda L. Fournier	Oak Tree Restoration Program-Sep	-7,651.00
10/18/2011	20368	All Around Landscape Supply	Straw wattle-SP road culvert repair	-48.30
10/18/2011	20369	Bartlett, Pringle & Wolf, LLP	Client #A6145.1100 Audit 10-11	-1,042.00
10/18/2011	20370	Famcon Pipe & Supply	Pipes/connectors/flange ends/nuts/bolts/spools/gaskets	-737.07
10/18/2011	20371	Melinda L. Fournier	Oak tree/Honeysuckle restoration-Sep	-4,570.00
10/18/2011	20372	Praxair Distribution, Inc	Cut off wheels	-100.15
10/18/2011	20373	The Gas Company	Main ofc	-1.01
10/18/2011	20374	Verizon California	SCADA	-521.56
10/18/2011	20375	Cardno ENTRIX	Permit support-SCC MURRP-Aug	-1,197.38
10/19/2011	20376	Bruce Mowry	Sep reimb-GM expenses	-2,528.36
10/19/2011	20377	CONTECH Construction Products, Inc.	Bridge-Quiota Crk xng 2-Final	-114,256.99
10/19/2011	20378	Tim Robinson	Reimb-Quiota Crk xng 2-Camera/refreshments	-192.25
10/27/2011	20379	Bruce Mowry	Oct reimb-GM expenses	-2,586.32
10/27/2011	20380	Business Card	JG-Webhosting/empl activity/server backup/JC-refreshments	-357.70
10/27/2011	20381	PG&E	for bridge inspection & flagging crews/doc reprographics	-194.04
			NP	-194.04
Total 1050 · GENERAL FUND				<u>-477,717.06</u>
				<u>-477,717.06</u>

Operations Report- November 2011

The average flow from Lake Cachuma into the Tecolote Tunnel for October was 74.12 acre-feet per day. The lake elevation was 748.02 at the beginning of the month and 746.85 at the end. The storage change was -3,484 acre-feet. No State Water Project water was delivered to South Coast Member Units during the month.

Activities conducted this period include:

Routine monthly operation and maintenance activities conducted during this period included:

- Daily structure maintenance per maintenance program
- Water samples taken at the North Portal Intake Tower
- Fish screens were pulled and cleaned
- Monitored conduit right-of-way and responded to Dig Alert reports
- Read peizometers and underdrains at Glen Anne, Lauro, Ortega, and Carpinteria Dams
- Place rodent bait all traps all facilities
- Meter reads, monthly dam inspections, and venture meters flushed
- Monitor dam inspections and send report to USBR
- Watering of oak trees at Lauro

Additional operation and maintenance activities conducted during this period included:

- Agriculture Commissioner Inspection of chemical handling and storage with the report indicated no violations and they said that COMB had some of the best record keeping they have reviewed
- Raised a structure in the Lauro yard to accommodate grading changes in our storage yard to expand our usable area in our yard.
- California Fire worked at the Glen Annie Canyon performing ROW clearing
- Lauro basin was cleaned per the contract awarded by the Board
- During the cleaning of the Lauro basin, it was determined that the basin was not working correctly due to failure of the underdrain system. A separate contract was let for less than \$25,000 by the general manager to repair the underdrain and funds were available in the budget for the basin maintenance for this work.

- SCADA was down again due to Verizon leased lines not functioning correctly. COMB is looking at alternatives to Verizon to have a more reliable support system.
- Staff installed a new pump at the Lauro basin after all work was completed and the basin is functioning correctly at normal low flow conditions. When we have the next major rain event the system will be fully evaluated for performance at higher flows.
- Staff has received a new ladder with safety cage to be installed within the next couple of weeks at the Carpinteria Reservoir to address safety issues identified by our insurance carrier.
- Staff has been exercising valves in the lower reach to determine ability to close and isolate air/vac valves for replacement. We have found valves that do not properly close and will require shutdown of the conduit in these segments to replace these isolation valves. We are coordinating with scheduled shutdowns of Cater Water Treatment plant to perform these activities with minimal impact to our members' operations.
- We are evaluating the Boundary meter for replacement.
- Developing an oak tree planting program to plant additional trees at the Lauro Yard and the purchase of a watering trailer.

CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: November 21, 2011
TO: Board of Directors
FROM: Tim Robinson, Sr. Resource Scientist
Bruce Mowry, General Manager
RE: October 2011 LOWER SANTA YNEZ RIVER FISHERIES REPORT

In compliance with the Cachuma Project Biological Opinion (BO) and as described in the Lower Santa Ynez River Fish Management Plan (FMP) and the Monitoring Program in the 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 October 2011 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 fall survey was initiated at the end of October and finished during the first week of November. The totals for the fall survey are presented in Table 1.

Table 1: 2011 fall snorkel survey results for all long-term monitoring reaches.

Reach	Spring 2011 Survey	Fall 2011 Survey	Difference (Fall minus Spring)
LSYR Mainstem:			
Hwy 154	59	34	-25
Refugio	54	25	-29
Alisal	38	36	-2
Below Alisal	19	44	25
Tributaries:			
Hilton Creek	1139	1147	8
Quiota Creek - Crossings 5-9	130	180	50
Quiota Creek - Above Crossing 9	510	404	-106
Salsipuedes Creek*	258	62	-196
El Jaro Creek**	353	147	-206

* Fall survey was only done in one of five reaches due to turbid water conditions.

** Fall survey did not include one reach due to turbid water conditions.

Thermograph Network:

All thermographs were deployed at the beginning of June 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 Cachuma Water Quality Profiles:

CPBS conducted their monthly water quality profile (temp and DO) at the intake barge for the Hilton Creek Watering System within Lake Cachuma. This monitoring effort is done from May through November to track water quality and lake stratification to depth.

Tributary Projects:

- **Quiota Creek Crossing 2:** This project began construction on 9/6/11. The stream was reactivated on 10/18/11 and the road was reopened on 11/10/11. All SB County punch list items should be completed by Thanksgiving and all paper work completed shortly there after. The project has been a great success both in opening up a fish passage barrier and improving the safety of Refugio Road through the project area.

- **Quiota Creek Crossing 7:** Two grants have been submitted for the remaining half of the funding needed for this project (US Fish and Wildlife Service and California Wildlife Conservation Board). The other half of the funding has been secured from California Department of Fish and Game (CDFG). If successful, the project will be conducted in the fall, 2012.

- **Quiota Creek Crossing 1:** Two grants will be written in support of this project; NOAA American Rivers Initiative (December, 2011) and CDFG Restoration Grant (March, 2012). If successful, the project will be conducted in the fall, 2012.

- **El Jaro Creek at Cross Creek Ranch:** Grant funding has been secured to conduct the needed weir repairs. Those repairs will be scheduled after the Thanksgiving weekend.

Surcharge Water Accounting:

The following is a table (Table 1) of 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.

Table 1: Summary of the surcharge water accounting.

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
Rearing***	5,242	3,700	1,542
Total:	8,942	3,700	5,242

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

** Values as of 10/31/11

*** This is not an official account and is what remains after subtracting the other two accounts.

Reporting:

The final 2009 Annual Monitoring Report should be completed and delivered to NMFS soon. Progress was made on the 2010 Annual Monitoring Report that will be ready for review soon. Staff has also been working on requested information by National Marine Fisheries Service regarding the historic amount of take in review of the Incidental Take Statement within the Cachuma Project Biological Opinion.

Outreach and Training:

The Cachuma Project Biology Staff continued to meet with landowners on Quiota Creek in preparation for constructing fish passage projects this fall and next year. CPBS worked with NMFS on their flow and water temperature monitoring effort on the Lower Santa Ynez River.

Consultant Activity Summary (October):

Melinda Fournier Tree Specialist (Melinda Fournier) – Cachuma Lake Oak Tree Restoration Program: monthly field maintenance and nursery operations.

HDR Fisheries Design Center (Mike Garelo) – Design work for Quiota Creek Crossings in preparation for project permitting, regulatory review and grant proposals. Bid packet materials for the Quiota Creek Crossing 2 project.

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

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

11-12 ENTITLEMENT

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF OCTOBER 2011 AND THE WATER YEAR TO DATE**

(All in rounded Acre Feet)

						MONTH TOTAL	YTD TOTAL
WATER PRODUCTION:							
Cachuma Lake (Tec. Diversion)						2,298	2,298
Tecolote Tunnel Infiltration						143	143
Glen Anne Reservoir						0	0
Cachuma Lake (County Park)						7	7
State Water Diversion Credit						0	0
Gibraltar Diversion Credit						0	0
Bishop Ranch Diversion						0	0
Meter Reads						2,379	2,379
So. Coast Storage gain/(loss)						(28)	(28)
Total Production						2,448	2,448
Total Deliveries						2,351	2,351
Unaccounted-for						97	97
% Unaccounted-for						3.98%	3.98%
	GWD	SB CITY	MWD	CVWD	SYRWCD ID. #1	TOTAL	
WATER USE:							
M&I	813	853	251	125	7	2,050	
Agricultural	198		11	105		314	
TOTAL FOR MONTH	1,011	853	262	230	7	2,364	
Same Mo/prev. yr	889	691	204	250	7	2,041	
M&I Yr to date	813	853	251	125	7	2,050	
Ag. Yr to date	198	0	11	105	0	314	
TOTAL YTD	1,011	853	262	230	7	2,364	
USAGE % YTD	8.6%	6.3%	6.6%	5.0%	0.3%	6.5%	
Previous Year/YTD	889	691	204	250	7	2,041	
Evaporation	14	33	8	11	0	66	
Evaporation, YTD	14	33	8	11	0	66	
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^	10	7	7	5	(29)	0	
Transfers*/Adjustment***	0	0	0	0	0	0	
Passthrough H2O**	0	0	0	0	0	0	
TOTAL AVAILABLE	11,862	14,072	4,077	4,806	2,660	37,477	
REMAINING BALANCE	10,837	13,186	3,807	4,565	2,653	35,047	

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

State Water Deliveries for OCTOBER 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 10 AF; MWD received 7;
City of SB received 7 AF; and CVWD received 5 AF from ID#1 in OCTOBER 2011.

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: October 2011

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	345.00 Feet
Water in Storage	74.06 Acre Feet

LAURO RESERVOIR

Capacity at 549' elevation:	600 Acre Feet
Capacity at sill of intake at 512' elevation:	84.39 Acre Feet
Stage of Reservoir Elevation	545.60 Feet
Water in Storage	521.65 Acre Feet

ORTEGA RESERVOIR

Capacity at 460' elevation:	65 Acre Feet
Capacity at outlet at elevation 440':	0 Acre Feet
Stage of Reservoir Elevation	449.35 Feet
Water in Storage	27.13 Acre Feet

CARPINTERIA RESERVOIR

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

TOTAL STORAGE IN RESERVOIRS

Change in Storage	582.14 Acre Feet
	-28.34 Acre Feet

CACHUMA RESERVOIR*

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

Stage of Reservoir Elevation	746.85 Feet
Water in Storage	177,502 AF
Area	2,867
Evaporation	868.2 AF
Inflow	15 AF
Downstream Release WR8918	0 AF
Fish Release	446.2 AF
Spill/Seismic Release	0 AF
State Project Water	0 AF
Change in Storage	-3,484 AF
Tecolote Diversion	2,297.9 AF

Rainfall: Month: 0.47 Season: 0.47 Percent of Normal: 52%

* New capacity table adopted Dec. 2008 as a result of the Bathymetric Study completed in Sept. 2008, resulted in 1110 AF reduction of storage.

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. 10/31/11

Month	Approved Schedule Current Year		Carryover Previous Year	WATER USED TO CARRYOVER BALANCES TO CURRENT ENTITLEMENT			WATER USED CHARGED TO CURRENT ENTITLEMENT		
	M&I	AGR		Total	Evap	Div	Total	M & I	AGR
Oct	813	198	1,011	14	1,011	1,025	825	201	0
Nov									
Dec									
Jan									
Feb									
Mar									
Apr									
May									
Jun									
Jul									
Aug									
Sep									
Total	813	198	1,011						

Month	STORAGE WATER		CONVERSIONS CURRENT SCHEDULE		SCHEDULES AND REVISIONS		
	M & I	AGR	M & I	AGR	M&I	AG	AG
Oct	0	0	0	0	1,804	726	2,460
Nov							
Dec							
Jan							
Feb							
Mar							
Apr							
May							
Jun							
Jul							
Aug							
Sep							
Total	0	0	0	0	1,804	726	2,460

Month	REMAINING BALANCES	
	M&I	AG
Oct	1505	525
Nov		
Dec		
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Total	1505	525

TOTAL 10,837

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #75R-1802

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

Contract Entity: Montecito Water District
 Last updated by C.O.M.B. 10/31/11

Month	Approved Schedule Current Year		Carryover Previous Year	WATER USED CHARGED TO CARRYOVER BALANCES				WATER USED CHARGED TO CURRENT ENTITLEMENT	
	M & I	Agr		Evap	Div	Total	M & I	Agr	M & I
Oct	251	11	262	8	270	259	11	0	0
Nov				0					
Dec									
Jan									
Feb									
Mar									
Apr									
May									
Jun									
Jul									
Aug									
Sep									
Total	251	11	262						

STORAGE WATER

M & I	0
Agr	0

CONVERSIONS

M & I	0
Agr	0

SCHEDULE AND REVISIONS

	Total	M & I	Agr	Total
Begin Bal	1,419	1,387	32	2,651
ID#1 Ex+7	0	0	0	7
Oct	0	0	0	0
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	0	0
Feb	0	0	0	0
Mar	0	0	0	0
Apr	0	0	0	0
May	0	0	0	0
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Total	1,419	1,387	32	2,651

REMAINING BALANCES

Month	M & I	Agr	Total
Oct	1149	21	2658
Nov			
Dec			
Jan			
Feb			
Mar			
Apr			
May			
Jun			
Jul			
Aug			
Sep			
Total	1149	21	2658

TOTAL 3,807

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

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

Contract Entity: City of Santa Barbara
Last updated by C.O.M.B. 10/31/11

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	853	0	0	33	886	886	0	0
Nov	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0
Jan	0	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Total	853	0	0	0	853	886	0	886

CONVERSIONS

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

Month	REMAINING BALANCES	
	M&I	Agr
Oct	4902	0
Nov	4902	0
Dec	4902	0
Jan	4902	0
Feb	4902	0
Mar	4902	0
Apr	4902	0
May	4902	0
Jun	4902	0
Jul	4902	0
Aug	4902	0
Sep	4902	0
Total	4902	0

TOTAL 13,186

ITEM # 7a
PAGE 7

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #75R-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. 10/31/11

Month	Approved Schedule		Storage Credit		TOTAL WATER USED			WATER USE CHARGED TO CARRYOVER BALANCES			WATER USE CHARGED TO CURRENT ENTITLEMENT		
	Current Year	Previous Year	Current Year	Previous Year	M & I	Agr	Total	Evap	Div	Total	M & I	Agr	Total
Oct	2651	38			7	0	7	0	0	7	7	0	0
Nov													
Dec													
Jan													
Feb													
Mar													
Apr													
May													
Jun													
Jul													
Aug													
Sep													
Total					7	0	7						

STORAGE WATER		CONVERSIONS	
M & I	Agr	Current Year	Previous Year
0	0	38	38

Month	CURRENT SCHEDULE		SCHEDULE AND REVISIONS	
	M & I	Agr	M & I	Agr
Oct	0	0	0	0
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	0	0
Feb	0	0	0	0
Mar	0	0	0	0
Apr	0	0	0	0
May	0	0	0	0
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Total	0	0	865	1,786 (29)

Month	COUNTY PARKS A.F. Used		REMAINING BALANCES	
	M & I	Agr	M & I	Agr
Oct	7.34	0	0	0
Nov				
Dec				
Jan				
Feb				
Mar				
Apr				
May				
Jun				
Jul				
Aug				
Sep				
Total	31	21	865	1757

*NOTE:

TOTAL 2,653

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

Contract Entity: Santa Barbara Co. Water Agency
 Last updated by C.O.M.B. 10/31/11

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

Month	Approved Schedule Current Year	Storage Credit Previous Year	TOTAL WATER USED			WATER USED CHARGED TO CARRYOVER BALANCES			WATER USED CHARGED TO CURRENT ENTITLEMENT					
			Use-%	M & I	Agri	Total	Evap	Div	Acre-feet	Allocation M & I	Agri	M & I	Agri	Total
Oct	25714	11763	6.48%	2,049	314	2,363	67	2,363	2,430	2,108	322	0	0	0
Nov				0	0		0	0						
Dec				0	0		0	0						
Jan				0	0		0	0						
Feb				0	0		0	0						
Mar				0	0		0	0						
Apr				0	0		0	0						
May				0	0		0	0						
Jun				0	0		0	0						
Jul				0	0		0	0						
Aug				0	0		0	0						
Sep				0	0		0	0						
Total	25714	11763		2,049	314	2,363								

Month	STORAGE WATER		CONVERSIONS		CURRENT SCHEDULE		SCHEDULE AND REVISIONS		Total
	M & I	Agri	M & I	Agri	M & I	Agri	M & I	Agri	
Oct	0	0	0	0	0	0	0	0	0
Nov									
Dec									
Jan									
Feb									
Mar									
Apr									
May									
Jun									
Jul									
Aug									
Sep									
Total	0	0	0	0	0	0	19,403	6,311	25,714

Month	COUNTY PARKS		REMAINING BALANCES		Total
	A.F. Used	M & I	M & I	Agri	
Oct	7.34				
Nov	0.00				
Dec	0.00				
Jan	0.00				
Feb	0.00				
Mar	0.00				
Apr	0.00				
May	0.00				
Jun	0.00				
Jul	0.00				
Aug	0.00				
Sep	0.00				
Total	9333	7960	1374	19432	25714

TOTAL 35,047

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

MONTH	DELVRD TO LAKE	CWWD		MWD		Evap/Spill		S.B.		GWD		LCMWC		RSYS		MLC		
		Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	
2010																		
Bal. Frwd		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	354	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	486	0	0	296	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	298	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1788	0	0	500	0	500	0	500	0	0	0	0	309	0	28	0	0	0

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

MONTH	DELVRD TO LAKE	CWWD		MWD		Evap/Spill		S.B.		GWD		LCMWC		RSYS		MLC		
		Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	Delvd to Lake	Delvd to SC	
2011																		
Bal. Frwd		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January	509	0	0	382	105	0	0	0	0	0	0	0	0	0	0	0	0	0
February	227	0	0	118	113	5	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	940	0	0	500	218	282	0	500	0	0	0	2	396	44	0	0	0	0

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

NOVEMBER 2011

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: November 16, 2011

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				
	746.85	177,502												
1	746.80	177,359	-143	-57.6	0.0	.0	49.4	12.8	.0	.0	23.2	.135	.00	
2	746.76	177,245	-114	-0.3	0.0	.0	81.1	12.8	.0	.0	19.8	.115	.00	
3	746.72	177,130	-115	49.0	0.0	.0	122.8	12.7	.0	.0	28.5	.166	.00	
4	746.68	177,016	-114	-18.0	0.0	19.1	81.4	12.4	.0	.0	21.3	.124	.08	
5	746.63	176,873	-143	-44.1	0.0	4.8	77.1	12.3	.0	.0	14.3	.083	.02	
6	746.59	176,759	-114	-68.6	0.0	71.5	97.6	12.9	.0	.0	6.4	.037	.30	
7	746.55	176,644	-115	-10.9	0.0	4.8	75.5	12.3	.0	.0	21.1	.123	.02	
8	746.51	176,530	-114	-27.2	0.0	.0	66.6	12.3	.0	.0	7.9	.046	.00	
9	746.48	176,444	-86	6.4	0.0	.0	64.8	12.3	.0	.0	15.3	.089	.00	
10	746.44	176,330	-114	-42.2	0.0	.0	40.5	12.3	.0	.0	19.0	.111	.00	
11	746.42	176,273	-57	20.5	0.0	.0	37.8	12.3	.0	.0	27.4	.160	.00	
12	746.46	176,387	+114	-59.3	0.0	245.3	38.7	12.2	.0	.0	21.1	.123	1.03	
13	746.44	176,330	-57	14.5	0.0	2.4	49.4	12.3	.0	.0	12.2	.071	.01	
14	746.41	176,244	-86	-13.9	0.0	.0	49.4	12.2	.0	.0	10.5	.061	.00	
15	746.38	176,158	-86	-5.1	0.0	2.4	65.3	12.0	.0	.0	6.0	.035	.01	
16	746.36	176,101	-57	23.1	0.0	.0	55.9	12.0	.0	.0	12.2	.071	.00	
TOTAL (AF)			-1,401	-233.7	0.0	350.3	1,053.3	198.1	.0	.0	266.2	1.550	1.47	
(AVG)		176,614												

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.

ITEM # 76
 PAGE 1



**Santa Barbara County Parks Department
Cachuma Lake Recreation Area**

**Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: October 2011**

Santa Barbara County Parks -- Cachuma Lake Boat Launch Data -- October 2011		
Inspection Data		
Total Vessels entering Park	510	
Total Vessels launched	499	
Total Vessels Quarantined	11	2%
Returning with Boat Launch Tag	293	59%
Arriving new: Inspected, washed	63	13%
Kayak/Canoe: Inspected	119	24%
Paddle Boards: Inspected	24	5%
4-stroke engines	161	32%
2-strokes, w/CARB star ratings	72	14%
2-strokes, NO emissions ratings	123	25%
Quarantine Data		
Total Vessels Quarantined	11	
Quarantined 7 days	0	
Quarantined 14 days	11	
Quarantine Reasons -- May be several for 1 boat		
Water on vessel	2	
Debris on hull	1	
Plug installed	0	
From infected county	4	
Ballast tanks	0	
Boat longer than 24 feet	1	
Out-of-state	3	
Unspecified	0	
Demographic Data		
Quarantined from infected county	4	
Quarantined from SB County	4	

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 October 31, 2011

CACHUMA LAKE QUAGGA SURVEY:

Summary: No Dreissenid mussels were detected
 Inspection site: Cachuma Lake Marina, Santa Barbara County, California
 Inspection Date and Time : 2011.10.26; 1030– 1330 PDT
 Method: 14 PVC/Cement/Plastic Mesh Sampling Stations; 394 linear feet of line
 Surveyors: Liz Gaspar & Chuck Scott (SB County Parks), Carrie Culver & Heather Lahr (Sea Grant)
 Lake Elevation: 747.08 from maximum of 753 feet

Zebra/Quagga Surface Survey Data

(Use Pencil Only)

Waterbody Cachuma Lake Reservoir

Date 10 / 26 / 11

Location 2225 Hwy 154, Santa Barbara County, SB County Parks

Crew C.Culver, L.Gaspar, H. Lahr, C.Scott

GPS 34.578333/119.956389

(Decimal Degrees, WSG 84)

Secchi Depth Various

Wave Chop no

Linear Feet of:

Boat Ramp Bottom (100ft at marina, 200ft at ramp only)

Shoreline (100ft at marina, 200ft at ramp only)

Dock (200 ft)

Concrete Structures (100 ft)

Mooring Line (200 ft)

Logs/Woody Debris (100 ft)

Anchor/Dock Cable (100 ft) 394

Other See notes

% of Dock/Marina/Boat Ramp Searched NA

Zebra/Quagga Mussels Present? Y/N NO

Specimens Collected? Y/N NO

Exact GPS Location (if isolated occurrences):

Mussel Density (# of mussels):

Method (circle one):

1

Ruler / Petri

Ruler Length (if < 12 inches) _____

Substrate Type

2

Ruler / Petri

Ruler Length (if < 12 inches) _____

Substrate Type

3

Ruler / Petri

Ruler Length (if < 12 inches) _____

Substrate Type

Corbicula Clams Present? Y/N No

Snails Present? Y/N Yes

Other Mussel/Clam Species Present? Y/N No

Specimens Collected? Y/N No

ITEM # 7c

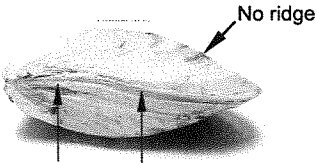
PAGE 2

Quagga Mussel

Dreissena rostriformis bugensis



- Shell: D-shaped and triangular; thin, fragile; smooth or shallowly ridged; solid light to dark brown or dark concentric rings; paler near hinge
- Attaches to hard and soft surfaces



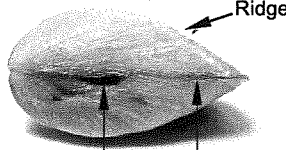
Byssal groove
 No ridge
 Asymmetrical; curved midventral line; shells do not join together tightly

Zebra Mussel

Dreissena polymorpha



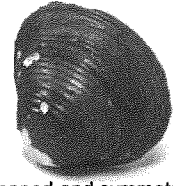
- Shell: D-shaped and triangular; thin, fragile; smooth or shallowly ridged; solid light to dark brown or striped
- Attaches to hard surfaces



Byssal groove
 Ridge
 Bilaterally symmetrical; join together in a midventral line

Asian Clam

Corbicula fluminea



- Shell: fan-shaped and symmetrical; thick, hard; deep ridges; solid light to dark brown; may have a white patch near hinge
- Burrows into sand or mud; never attaches to structures
- Dead shells often found along shoreline

Map of sampling location:

Place empty circles (○) in areas that were surveyed but no mussels were found. Place circles with plus sign (⊕) where mussels were found, and number 1, 2, or 3 to correspond to GPS coordinates.

Please see attached docs: Quagga Survey Stations 2011.10.26 & Quagga Survey Map 2011

Did weather conditions negatively affect sampling conditions? Y / N No

Comments Inspected in Cachuma Lake marina: 14 sampling stations @ 12 or .5 meters, and 120 meters of rope. See attached files of sampling station details and locations as noted above. Note: Stations 5 and 6 were inspected 1 week earlier due to a change-out of the logs they were anchored to.

ITEM # 7c
PAGE 3





SANTA BARBARA COUNTY PARKS DEPARTMENT
 610 Mission Canyon Road
 Santa Barbara, CA 93105-2911
 (805) 568-2461 • FAX (805) 568-2459
 www.sbparks.org

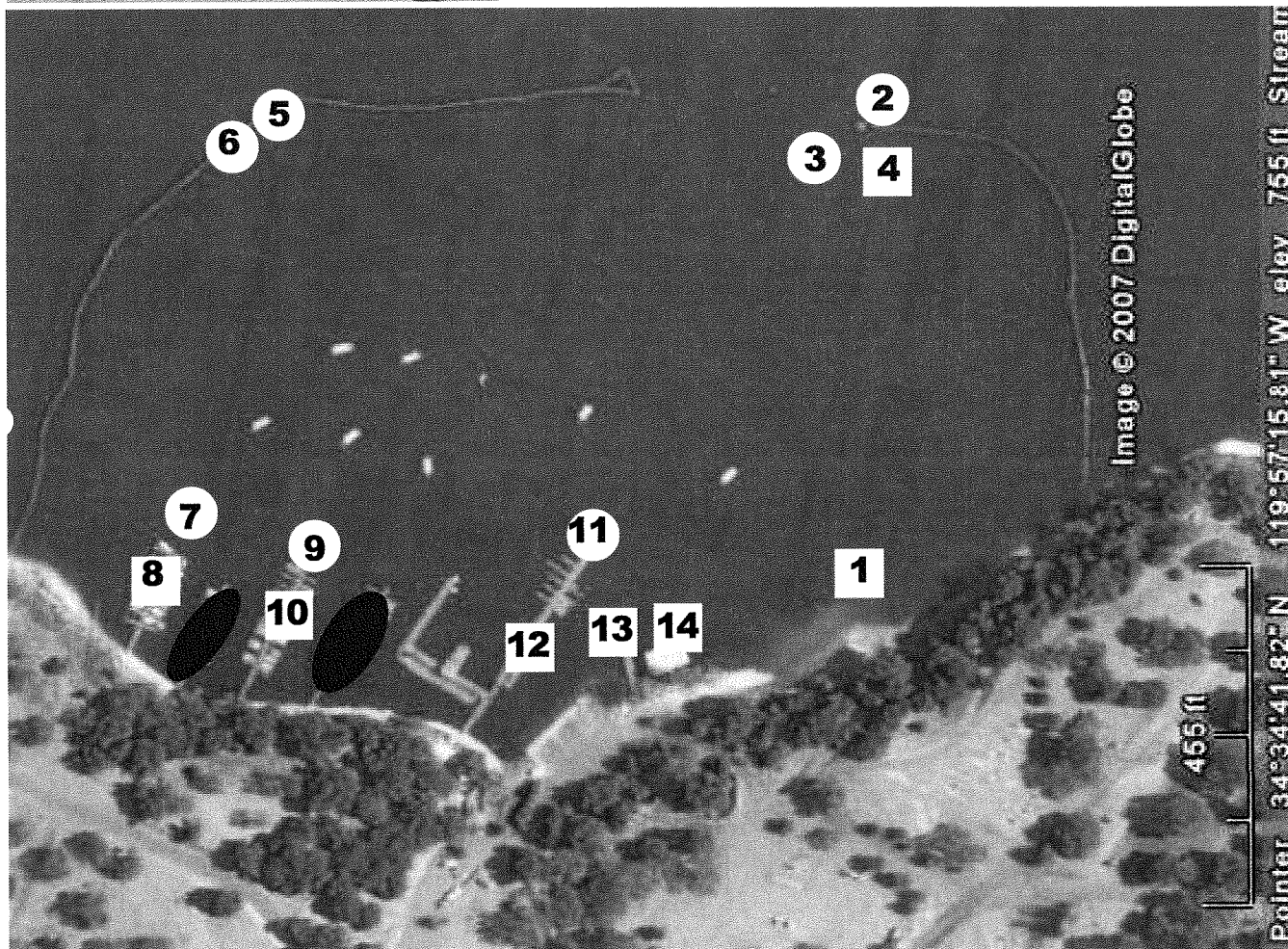
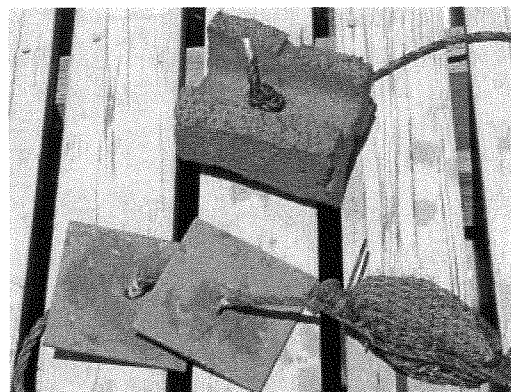
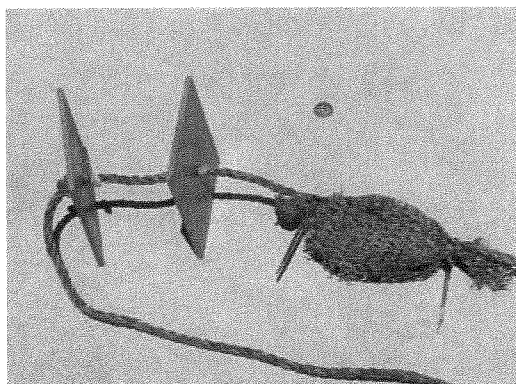


Cachuma Lake Marina Monthly Quagga Survey Map: Sampling stations and lines, docks, boat ramp, boathouse, logs

Fourteen survey station locations, as of May 2010

 = 4 meter long HORIZONTAL survey line with PVC plates and Tuffies @ .5 m depth

 = 12 meter VERTICAL survey line with PVC plates & Tuffies @ 6 m, and cement block @ 12 m depth



ITEM # 7c
 PAGE 4

Cachuma Lake Marina Monthly Quagga Survey: Sampling Station Details

Inspection Date: 2011.10.26
 Inspection Time: 10:30 - 13:30
 Lake Elevation from max 753 feet 747.08

Surveyors: Liz Gaspar & Chuck Scott, SB County Parks; Carrie Culver & Heather Lahr, Sea Grant

Station #	Location/Description	Stn Type	Lake Depth Meters	Anchor/L Line Depth Meters	Tuff/Pia te set Depth Meters	Secchi Depth & Temp Deg F @ 3 Meters	NOTES: Tuffies were not collected and will not be during the winter months. Dr. Culver's research at infested lakes in San Diego County shows that there are no new settlers in the winter. OJM = opaque jelly mass	Mussels?	Stn #
Station 1	Boathouse, left middle ramp	Horizontal: 4 m line, 1 tuffy, 1 plate set	8'	.5 m	.5 m	70 F 3 m	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Physella snail PLATES: Amphipod, bryozoan, midge, physella snail, planorbella snail	No	Stn 1
Station 2	Logboom platform at entrance, south east corner.	Vertical: Anchor, Tuffy, plates	30'	12 m	6 m	70 F 2.9 m	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Downloaded temp/light data from 3 loggers at 10', 20', 30' Organisms: LINE: Algae, bryozoan PLATES: Amphipod, bryozoan, midge BLOCK: Bryozoan	No	Stn 2
Station 3	Logboom platform at entrance, north west corner	Vertical: Anchor, Tuffy, plate set	125'	12 m	6 m	70 F 2.9 m	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: Algae, bryozoan PLATES: Algae, amphipod, bryozoan, opaque jelly mass (OJM) BLOCK: bryozoan	No	Stn 3
Station 4	Logboom platform at entrance, under platform.	Horizontal: 4 m line, 1 tuffy, 1 plate set	125'	.5 m	.5 m	70 F 2.9 m	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Bryozoan PLATES: Algae, bryozoan Note: replaced cable ties on block	No	Stn 4
Station 5	N logboom, 13th log from S end, attached to chain at middle	Vertical: Anchor, 1 Tuffy, 1 plate set	125'	12 m	6 m	70 F 3.0 m	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: Bryozoan PLATES: Algae, bryozoan BLOCK: 0	No	Stn 5
Station 6	N logboom, 14th log from S end, attached to chain on NE side, west end.	Vertical: Anchor, 1 Tuffy, 1 plate set	127'	12 m	6 m	70 F 2.8 m	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: Algae, bryozoan PLATES: Bryozoan BLOCK: 0	No	Stn 6

Station #	Location/Description	Stn Type	Lake Depth Meters	Anchor/Line Depth Meters	Tuff/Plate set Depth Meters	Secchi Depth & Temp Deg F @ 3 Meters	NOTES:	Mussel	Stn #
Station 7	Far N dock at E end; S side; 14th slip from shore	Vertical: Anchor, 1 Tuffy, 1 plate set	47'	12 m	6 m		Line, knots, Tuffies, plate sets, block checked. Samples: 0 Downloaded temp/light data from 3 loggers at 10', 20', 30' Organisms: LINE: Algae, bryozoan, OJM PLATES: Amphipod, bryozoan, midge BLOCK: Bryozoan, sponge	No	Stn 7
Station 8	Far N dock at middle @ slip 10/12	Horizontal: 4 m line, 1 tuffy, 1 plate set	43'	.5 m	.5 m	70 F 2.8 m	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Algae, bryozoan PLATES: Bryozoan, physella snail	No	Stn 8
Station 9	Middle dock at E end	Vertical: Anchor, 1 Tuffy, 1 plate set		12 m	6 m	70 F 2.4 m	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: Bryozoan PLATES: Amphipod, bryozoan, midge BLOCK: Algae, bryozoan	No	Stn 9
Station 10	Middle dock at W end; slip 11 & 40	Horizontal: 4 m line, 1 tuffy, 1 plate set	43'	.5 m	.5 m	70 F 2.6 m	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Bryozoan, "egg mass" (no further description), physella snail PLATES: Amphipod, bryozoan, midge	No	Stn 10
Station 11	Fuel Dock @ far E end	Vertical: Anchor, 1 Tuffy, 1 plate set	45'	12 m	6 m	70 F 2.9 m	Line, knots, Tuffies, plate sets, block checked. Samples: 0 Organisms: LINE: Bryozoan, midge PLATES: Algae, amphipod, bryozoan, midge BLOCK: Bryozoan, midge	No	Stn 11
Station 12	Fuel Dock W end strung diagonally under gas pump platform	Horizontal: 4 m line, 3 tuffy, 3 plate set	34'	.5 m	.5 m	70 F 3.0 m	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Bryozoan, midge PLATES: Amphipod, bryozoan, leech, clear jelly (egg?) mass with green nuclei, midge, physella snail	No	Stn 12
Station 13	North Launch Dock E end	Horizontal: 4 m line, 1 tuffy, 1 plate set	10'	.5 m	.5 m	70 F 2.6 m	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Algae, bryozoan, midge PLATES: Bryozoan, midge, physella snail, "rice grain" egg case Note: Added cable tie to plates	No	Stn 13
Station 14	South Launch Dock E end	Horizontal: 4 m line, 1 tuffy, 1 plate set	10'	2 m	.5 m	68 F 2.6 m	Line, knots, Tuffies, plate sets checked. Samples: 0 Organisms: LINE: Algae PLATES: Bryozoan, midge, physella snail	No	Stn 14