# REGULAR MEETING OF CACHUMA OPERATION AND MAINTENANCE BOARD

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

### Monday, January 23, 2012

### 2:00 P.M.

### **AGENDA**

- 1. CALL TO ORDER, ROLL CALL
- 2. INTRODUCTION OF NEW EMPLOYEES
- 3. 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.
- 4. CONSENT AGENDA

## Action: Recommend Approval of Consent Agenda by vote on one motion unless member requests separate consideration

- a. Minutes December 19, 2011 Regular Board Meeting
- b. Investment of Funds
  - Financial Reports
  - Investment Reports
- c. Payment of Claims
- 5. REPORT ON MODIFIED SCC UPPER REACH RELIABILITY PROJECT
- 6. STATUS ON DEVELOPMENT OF ON-CALL CONTRACTORS FOR EMERGENCY REPAIRS OF THE SCC
- 7. REPORT FROM GENERAL COUNSEL
  - a. Status Report
    - 1. Fisheries Implementation Agreement
    - 2. Quiota Creek MOU's With County of Santa Barbara
  - b. Action Item: Update and Potential Approval of Revised Joint Defense and Cooperation Agreement

### 8. REPORT FROM BOARD COMMITTEES

a. Public Outreach Committee Meeting

### 9. OPERATIONS DIVISION ACTIVITIES

a. Operations Report

### 10. FISHERIES DIVISION ACTIVITIES

- a. Lower Santa Ynez River Fisheries Report
- b. Verbal Report Final Financial Report for Quiota Creek Crossing #2

### 11. REPORTS FROM THE MANAGER

- a. Cachuma Water Reports
- b. Cachuma Reservoir Current Conditions
- c. Update on Board Policy Manual
- d. Update on Work Plan

### 12. [CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL-ANTICIPATED LITIGATION

- a. INITIATION OF LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(c). One case
- b. SIGNIFICANT EXPOSURE TO LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9 (b): One case
- 13. APPROVAL OF TEMPORARY CONSTRUCTION EASEMENT AGREEMENT; ACCEPTANCE OF GRANT OF TEMPORARY CONSTRUCTION EASEMENT---1215 FRANKLIN RANCH ROAD, GOLETA, CALIFORNIA (JESSICA AND ANDREW BROWN)
- 14. DIRECTORS' REQUEST FOR AGENDA ITEMS FOR NEXT MEETING

### 15. MEETING SCHEDULE

- February 27, 2012 at 2:00 P.M., COMB Office
- Board Packages Available on COMB Website www.cachuma-board.org

### 16. 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, December 19, 2011

### 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
John McInnes
Tom Mosby
Chris Dahlstrom
Sonia Fernandez
Harlan Burchardi
Adelle Capponi
Charles Hamilton
Ruth Snodgrass
Kate Rees
Phil Walker
Janet Gingras
Karl Meier

Jim Blois Cathy Taylor

### 2. Public Comment

Phil Walker made comments on the winter weather, a 1989 study to expand Lake Cachuma, construct a new Intake Tower and the BAER report after the Zaca fire.

### 3. Consent Agenda

a. Minutes:

November 21, 2011 Regular Board Meeting

b. Investment Funds

Financial Report

Investment Report

c. Payment of Claims

Director Francisco moved to approve the Consent Agenda as presented, seconded by Director Morgan passed 7/0/0.

4.	Modified SCC Upper Reach Reliability Project Construction Co		
			reconstruction of the second s
		PAGE	1

Bruce Mowry reported that COMB received two bids for the construction of the Project. Staff performed an analysis of the bids and elected to remove several line items from the bid resulting in a reduction of the contract by \$541, 830.00. Staff is recommending the construction contract be awarded to Blois Construction, Inc.

Jim Blois and Phil Walker made comments on this item.

Director Francisco moved to award the construction contract as defined in the project "Modified Upper Reach Reliability Project dated October 2011" Contract Documents to the lowest responsive bidder Blois Construction, Inc. for the amount of \$3,948,997.00; and authorize COMB General Manager to sign and execute the contract documents inclusive of Addendums No. 1 thru No. 3 and after submittal of all required documents from the bidder, seconded by Director Lieberknecht.

### The motion was passed by a roll call vote:

Ayes: Francisco, Hanson, Lieberknecht, Morgan

Nayes: None Abstain: Beebe Absent: None

### 5. Change in Job Description for COMB's Engineer

Bruce Mowry reported that in an effort to find a replacement for COMB's Engineer, it was discovered that the current salary range is sub par within industry standards and will not attract and retain a qualified Professional Engineer candidate. Mr. Mowry feels that the Engineers job description should include management of the operations field crew and increase the salary range to become commensurate with the responsibilities and duties of the new position. The General Manager is requesting that the Board consider a revised job description, provided and commensurate salary range for the Engineer/Operations Manager position.

The Board Administration Committee had reviewed this request and recommended that this be brought before the Board for consideration.

Director Francisco moved to approve the revised job description and salary range maximum of \$120,000 for the Engineer/Operations Manager position, seconded by Director Lieberknecht.

### The motion was passed by a roll call vote:

Ayes: Beebe, Francisco, Hanson, Lieberknecht, Morgan

Nayes: None Abstain: None Absent: None

### 6. Joint Defense and Cooperation Agreement - Update and Possible Approval

Item #6 was considered after Item #12.

### 7. Report From General Counsel

TENA	+1274 CD-1987+8743-9743-9445-937-972-201-91-94-703-201-91-94-703-201-91-94-703-201-91-94-703-201-91-94-703-201
PAGE.	Q

### a. Fisheries Implementation Agreement

Tony Trembley, General Counsel reported no change in the status of the Agreement from last month.

### b. Quiota Creek MOU's with County of Santa Barbara

Mr. Trembley also reported no change in the status of the MOU's with the County since last month. He reported sending the MOU for Crossing #6 to ID #1 on November 8 and he has not received a response to date.

### 8. Report From Board Committees

### a. Board Administration Committee Meeting, December 9, 2011

President Hanson reported on the Administration Committee held on December 9, 2011. They had discussed the recruitment of an Engineer and reviewed the COMB FY 2010-2011 Audit.

### 9. Operations Division Activities

### a. Operations Report

The Operations Report for December 2011 was included in the board packet.

### 10. Fisheries Division Activities

### a. Lower Santa Ynez River Fisheries Report

The November 2011 Fisheries report was included in the board packet

### 11. Reports From the Manager

### a. Cachuma Reservoir Current Conditions

The daily operations report for Lake Cachuma through December 13, 2011 was included in the board packet.

### b. Lake Cachuma Quagga Survey

The Cachuma Lake Quagga Survey for November 2011 was included in the board packet.

### c. Verbal - California Conservation Corp

Bruce Mowry reported that he has been in contact with the California Conservation Corp regarding their assistance in vegetation management.

# d. Verbal - Report on San Luis Obispo County's action on Quagga Mussels Bruce Mowry reported that the County of Santa Barbara is also considering action on Quagga Mussel prevention measures.

### e. Mid Pacific Region Water Users Conference, January 25-27, 2012

Included in the board packet was information for the 2012 Mid Pacific Region water Users Conference in Reno, Nevada, January 25-27, 2012.

### f. Verbal - Work Plan for COMB

Bruce Mowry reported that staff is developing an outline for the work plan and will continue to develop a plan for COMB.

### g. 2012 Board Meeting Schedule

ITEM# <u>Ya</u>
PAGE 3

The Board meeting schedule for 2012 was included in the board packet.

### 12. [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
- c. Threat to Public Services or Facilities. [Government Code Section 54957(a)] Consultation with: Agency Counsel, Security Operations Manager

Tony Trembley, General Counsel announced that the Board would adjourn into closed session for the following items: Item 12.a., Initiation of Litigation pursuant to Government Code Section 54956.9 (c), two cases: Item #12.b., Significant Exposure to Litigation pursuant to Government Code Section 54956.9 (b), two cases: (1) AECOM Task Order 37 Modified SCC Upper Reach Reliability Project and (2) Liability Claim of Melinda Fournier and Zach Fournier (claim available for public inspection under Government Code Section 54957.5): Item #12. c. Threat to Public Services or Facilities, Government Code Section 54957(a).

The Board went into closed session at 3:40 p.m. and came out of closed session at 5:25 p.m.

General Counsel Tony Trembley reported pursuant to Government Code Section 54957.1 on Board action concerning two closed session items: (1) For one case under Item #12. a. of the agenda—On a vote of 6/0/1, Director Beebe abstaining, the Governing Board approved a settlement agreement with AECOM USA Inc. settling a dispute between COMB and AECOM concerning Task Order 37 for AECOM's engineering design and bid phase services of the South Coast Conduit Modified Upper Reach Reliability Project. The agreement among other things provides that COMB shall pay AECOM the sum of \$65,000 and AECOM shall deliver to COMB the computer aided design and drafting documents created by AECOM for the South Coast Conduit Mission Creek Crossing Project: (2) One case under Item #12.b. of the agenda—On a vote of 6/0/1, Director Beebe abstaining, the Governing Board rejected the claim of Melinda and Zach Fournier and instructed General Counsel to provide notice to claimants pursuant to law.

### 6. Joint Defense and Cooperation Agreement - Update and Possible Approval

Tony Trembley reported that the attorneys had come to an agreement on the language for the JDCA during a conference call last Friday, December 16. However, after further review of the Agreement, Mr. Trembley felt that COMB needed additional clarification on COMB's current fisheries data collection and assessment activities and inserted the following language as the last sentence of paragraph 5: "Notwithstanding anything herein to the contrary, the Parties agree that the fisheries

data collection and assessment activities which are currently being undertaken by COMB staff and consultants in support of compliance with the existing September 2000 Cachuma Project BiOp and the existing October 2000 Lower Santa Ynez River Fish Management Plan are not within the scope of this Agreement and are not confidential". The [Version .2] was distributed at the Board meeting. The Board agreed that COMB needed additional clarification and felt that the attorneys for the parties should take another look at the Agreement with Mr. Trembley's added sentence.

Director Beebe moved approval of the JDCA Version .2 presented at the Board meeting, pending agreement of the final language of the last sentence in paragraph 5 by the four attorneys for the parties, and to authorize the Board President to sign the JDCA upon final agreement, seconded by Director Morgan, passed 7/0/0.

### 13. Report From the Auditor For Fiscal Year 2010-2011

The Financial Statements for the fiscal year ended June 20, 2011 and the Independent Auditor's Report were prepared by Bartlett Pringle & Wolf, LLP and were included in the board packet. Dana McGrew and Nina Pisani summarized the FY 2010-11 audit for the Board. The auditors did not identify any management concerns or reportable conditions in conducting the audit and issued a clean opinion.

The Auditors met with the Finance Committee and staff on December 9, 2011 to review the audit in detail.

Director Morgan moved to accept the Financial Statements for Fiscal Year 2010-2011 and the Independent Auditor's Report, seconded by Director Francisco, and passed 7/0/0.

### 14. Directors' Request for Agenda Items for Next Meeting

There were no requests for the Agenda for the next meeting.

### 15. Meeting Schedule

- The next regular Board meeting will be held January 23, 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 6:14 p.m.

Cachuma Operation & Maintenance Board Board of Directors Meeting December 19, 2011

	Respectfully submitted,
	Bruce Mowry, Secretary of the Board
APPROVED:	
Lauren Hanson, President of th	e Board

PAGE CONTRACTOR CONTRA

**Accrual Basis** 

**TOTAL ASSETS** 

# COMB Statement of Net Assets

### As of December 31, 2011

ASSETS		
Current Assets		
Checking/Savings		
TRUST FUNDS		
1210 · WARREN ACT TRUST FUND	128,128.54	
1220 · RENEWAL FUND	201,286.08	
Total TRUST FUNDS		329,414.62
1050 · GENERAL FUND		414,506.30
1100 · REVOLVING FUND		63,036.48
Total Checking/Savings		806,957.40
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		12,089.00
1305 · ACCRUED INTEREST RECEIVABLE		65.00
1400 · PREPAID INSURANCE		12,860.72
1401 · W/C INSURANCE DEPOSIT		6,529.00
Total Other Current Assets	MINISTRAL CONTROL OF THE STATE	102,133.01
Total Current Assets		909,090.41
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	www.mananousever	-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	PROGRAMMA AND AND AND AND AND AND AND AND AND AN	6,549,771.07

PAGE Page 1 of 2

7,693,404.20

**Accrual Basis** 

### COMB Statement of Net Assets As of December 31, 2011

### **LIABILITIES & NET ASSETS**

	•			٠	
1	12	nı	ıt	ŧ	es

**Current Liabilities** 

Accounts	Payable
2200 ·	ACCOUNTS PAYABLE

740,031.08 **Total Accounts Payable** 740,031.08 **Other Current Liabilities** Payroll-DepPrm Admin 52.31 Payroll-DepPrm FD 2.31 Payroll-DepPrm Ops 31.93 2550 · VACATION/SICK 51,242.30 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 329,414.62 **Total Other Current Liabilities** 546,169.98 1,286,201.06

### **Total Current Liabilities**

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** 8,025,540.13

### **NET ASSETS**

3901 · Retained Net Assets 140,805.42 **Net Income** -472,941.35 **Total Net Assets** -332,135.93

**TOTAL LIABILITIES & NET ASSETS** 7,693,404.20

# Page 1

01/18/12 Accrual Basis 12:48 PM

Cachuma Operation & Maintenance Board

		Fisheries			Operations			TOTAL	
	Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget
Income 3000 REVENUE									
3001 · O&M Budget (Qtrly Assessments)	584,635.17	852,475.00	%9'89	1,672,311.50	2,275,848.00	73.5%	2,256,946.67	3,128,323.00	72.1%
3005 · Warren Act 3007 · Repewel Fund	00.0	76,884.00	%0.0	0.00			0.00	76,884.00	0.0%
3010 · Interest Income	0.00	00:012,181	8,00	293.24			293.24	00.012,181	0.0% 100 0%
3020 · Misc Income	0.00			2,805.60			2,805.60	00.0	100.0%
3022 · Grant Income 3022 · QC Crossing #2 Grant Income	0.00 51 415 66	735 501 00	%U 2	0.00	1,200,000.00	%0.0	0.00	1,200,000.00	0.0%
3023 · Prop 50 Grant Income 3035 · Cachuma Project Betterment Fund	0.00	00'000'06	%0.0	62,471.23			62,471.23	00.00	100.0%
Total 3000 REVENUE	636 050 83	1 946 070 00	30 70%	1 727 881 57	3 475 949 00	700 03	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20,000,00	20.00
		000	02.1.70	0.100,101,1	000000000000000000000000000000000000000	0.00	4,313,332.40	0,421,910,00	43.0%
Total Income	636,050.83	1,946,070.00	32.7%	1,737,881.57	3,475,848.00	20.0%	2,373,932.40	5,421,918.00	43.8%
Gross Profit	636,050.83	1,946,070.00	32.7%	1,737,881.57	3,475,848.00	20.0%	2,373,932.40	5,421,918.00	43.8%
Expense PAYROLL									
Gross Gross-FD	0.00			0.07			0.07	0.00	100.0%
Total PAYROLL	-0.0-			0.07			0.00	0.00	0.0%
3100 · LABOR · OPERATIONS 3101-E · Engineer									
3101-E1 - QC 2 RE Labor 3101-E - Engineer - Other	0.00			0.00 42,289.87	-35,745.00	0.0%	0.00	-35,745.00 0.00	0.0%
Total 3101-E · Engineer	00.00			42,289.87	-35,745.00	-118.3%	42,289.87	-35,745.00	-118.3%
3101-H · Holiday Leave	0.00			6,369.83			6,369.83	0.00	100.0%
3101-S · Sick Leave 3101-V · Vacation Leave	0.00			5,579.52 12,841.09			5,579.52 12.841.09	0.00	100.0% 100.0%
3102 · Meter Reading 3103 · SCC Ons	00.0			1,152.22			1,152.22	0.00	100.0%
3104 · Veh & Equip Mtce	00.0			1,207.52			1,207.52	00.0	100.0%
3105 · SCADA 3106 · Rodent Bait	0.00			1,614.13 2,138.31			1,614.13	0.00	100.0%
3107 · NORTH PORTAL 3107-1 · NP INTAKE TOWER									
3107-1a · Maintenance	0.00			204.39			204.39	0.00	100.0%
3107-10 · Cleaning 3107-1f · Operations	0.00			341.03 722.68			341.03 722.68	0.00	100.0% 100.0%
To	0.00			1,268.10			1,268.10	0.00	100.0%
3107-2 · NP CONTROL STATION	c c			1			6	6	
	0.00			138.79			138.79 125.70	0.00	100.0%
4	00.00			264.49			264.49	0.00	100.0%
3107-3 · NP TECOLOTE TUNNEL 3107-3h · Inspection	0.00			125.70			125.70	0.00	100.0%
Total 3107-3 · NP TECOLOTE TUNNEL	0.00			125.70			125.70	0.00	100.0%
46 3									Page 1

### 12:48 PM 01/18/12 Accrual Basis

# Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July-December 2011

% of Budget

TOTAL

Jul '10 - Dec 11

% of Budget

Operations Budget

Jul '10 - Dec 11

% of Budget

Fisheries Budget

Jul '10 - Dec 11

						- Cana
	Total 3107 - NORTH PORTAL	0.00	1,658.29	1,658.29	00:00	100.0%
	3108 · GLEN ANNE 3108-1 · GA SOUTH PORTAL					
	3108-1a · Maintenance	0.00	321.18	321.18	0.00	100.0%
	3108-1d · Weed Management	0.00	4,133.86	4,133.86	00.00	100.0%
	3108-19 : Nodu 3108-1h · Inspection	0.00	44.51	44.51	0.00	100.0%
	Total 3108-1 · GA SOUTH PORTAL	0.00	4,723.45	4,723.45	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	00.00	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	4,260.04	4,260.04	0.00	100.0%
	3108-4g · Road	0.00	118.23	118.23	0.00	100.0%
	Total 3108-4 · GA TURNOUT	0.00	4,378.27	4,378.27	00:00	100.0%
	Total 3108 · GLEN ANNE	0.00	11,006.16	11,006.16	0.00	100.0%
	3109 · CORONA DEL MAR 3109-1 · TURNOUT					
	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	00.00	100.0%
	3110 · LAURO 3110-1 · YARD					
	3110-1a · Maintenance 3110-1b · Cleanino	0.00	15,641.02 2.195.83	15,641.02 2.195.83	0.00	100.0%
	3110-1d · Weed Management	0.00	361.52	361.52	00:0	100.0%
	3110-1e · Landscaping 3110-1c · Road	0.00 00.0	618.00 1 696 95	618.00 1 696 95	0.00	100.0%
	3110-th Inspection	00:0	125.70	125.70	0.00	100.0%
	Total 3110-1 · YARD	0.00	21,047.55	21,047.55	0.00	100.0%
P/	3110-2 · CONTROL STATION 3110-2a · Maintenance	0.00	94.28	94.28	00.00	100.0%
\C	Total 3110-2 · CONTROL STATION	0.00	94.28	94.28	0.00	100.0%
h tenn y tenn O tenn	34	;		į	į	į
O'TIFONGUE	3110-3d · Weed Management 3110-3e · Landscaping	00.0	926.29 94.28	926.29 94.28	0000	100.0% 100.0%
ant-recognización	3110-3f · Operations 3110-3h · Inspection	00.0	125.70	125.70 107.36	0.00	100.0% 100.0%
{	Total 3110-3 · RESERVOIR	0.00	1,253.63	1,253.63	00:00	100.0%
Philipszoniacznoczyczegi						Page 2

Accrual Basis 01/18/12 12:48 PM

# Statement of Revenues and Expenditures Cachuma Operation & Maintenance Board

Budget vs. Actuals - July-December 2011

TOTAL

Operations

Fisheries

			ear railer			Operations			10.1	
		Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget
	3110-4 · DEBRIS BASINS									
	3110-4a - Maintenance	0.00			642 02			642 02	000	100 0%
	3110-4b · Cleaning	000			439 95			430.05	60.0	100.0%
	3410-4f : Onerations				408.52 408.52			400.50	9 6	100.0%
	3110-4h . Inspection	9 6			406.33			400,00	0.00	200.0%
	3110-4i · Engineering	0.00			378.32			378.32	0.00	100.0%
	Total 3110-4 · DEBRIS BASINS	0.00			2 086.56			2 086 56	000	100 0%
					20000					
	Total 3110 · LAURO	00:00			24,482.02			24,482.02	0.00	100.0%
	3111 · OFFICE									
	3111-1 CKEW 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	00:00	100.0%
	3112 - SHEFFIELD 3112-1 - CONTROL STATION				9			:		
	3112-1n · 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 3113-1j · Rehabilitation	0.00			31.43 94.28			31.43 94.28	0.00	100.0% 100.0%
	Total 3113-1 · CONTROL STATION	0.00			378.58			378.58	0.00	100.0%
	3113-2 · RESERVOIR									
	3113-2a · Maintenance 3113-2d · Weed Management	0.00			521.51 384 95			521.51 384.95	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			1,498.33			1,498.33	0.00	100.0%
	Total 3113 · ORTEGA	0.00			1,876.91			1,876.91	00.00	100.0%
	3114 · BOUNDARY METER 3114-1 · VAULT									
	3114-1a · Maintenance	00.00			86.42			86.42	0.00	100.0%
	3114-1j · Rehabilitation	0.00			219.98			219.98	0.00	100.0%
P/		0.00			306.40			306.40	0.00	100.0%
\C	Total 3114 · BOUNDARY METER	0.00			306.40			306.40	0.00	100.0%
Same Same Same	3115									
eccure 20 <sub>00</sub>	3115-1a · Maintenance 3115-1h · Inspection	00:0			1,165.75			1,165.75 31.43	0.00	100.0%
5	Y	0000			919.40			919.40	0.00	100.0%
) Seeders	Ь	0.00			61.761			107.13	חח'ח	100.0% 

Page 3

Accrual Basis 12:48 PM 01/18/12

# Statement of Revenues and Expenditures Cachuma Operation & Maintenance Board

Budget vs. Actuals - July-December 2011

			Fisheries			Operations			TOTAL	
		Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget
	Total 3115-1 - CONTROL STATION	00.00			2,273.71			2,273.71	00.00	100.0%
	3115-2 · RESERVOIR 3115-2a · Maintenance 3115-2d · Weed Management 3115-2h · Inspection	0.00 0.00 0.00			258.72 149.61 282.82			258.72 149.61 282.82	0.00 0.00 0.00	100.0% 100.0% 100.0%
	Total 3115-2 · RESERVOIR	0.00			691.15			691.15	0.00	100.0%
	Total 3115 · CARPINTERIA	0.00			2,964.86			2,964.86	0.00	100.0%
	3116 · GOLETA REACH 3116-1 · STRUCTURES 3116-1a · Maintenance	0.00			8,283.98			8,283.98	00.00	100.0%
	3116-1h · Inspection 3116-1h · Inspection 3116-1j · Rehabilitation	0.00			249.30 157.13 94.28			157.13 94.28	0.00	100.0% 100.0%
	Total 3116-1 · STRUCTURES	00:00			8,784.89			8,784.89	00.00	100.0%
	Total 3116 · GOLETA REACH	00.0			8,784.89			8,784.89	0.00	100.0%
	3117 · CARPINTERIA REACH 3117-1 · STRUCTURES 3117-1a · Maintenance 3117-1h · Inspection	0000			6,699.59 867.74			6,699.59 867.74	0.00	100.0%
	3117-IJ · RENADINIATION Total 3117-1 · STRUCTURES	0.00			18,070.88			18,070.88	0.00	100.0%
	3117-3 · VALVES 3117-3j · Rehabilitation	0.00			534.23			534.23	0.00	100.0%
	Total 3117-3 · VALVES	0.00			534.23			534.23	0.00	100.0%
	3117-4 · CONDUIT 3117-4b · Cleaning Total 3117-4 · CONDUIT	0.00			729.98			729.98	0.00	100.0%
	Total 3117 · CARPINTERIA REACH	00:00			19,335.09			19,335.09	00.00	100.0%
	3155 · PERS	0.00			100,166.01 37,930.84			100,166.01 37,930.84	0.00	100.0%
	3160 · Ops Co FICA 3165 · Ops Co Medicare 3100 · LABOR · OPERATIONS · Other	0.00			14,258.72 3,567.19 0.00	872,417.00	0.0%	3,567.19 0.00	0.00 0.00 872,417.00	100.0% 100.0% 0.0%
	and 3100 · LABOR - OPERATIONS	00:00			370,689.03	836,672.00	44.3%	370,689.03	836,672.00	44.3%
AGE	73200 VEH & EQUIPMENT 3201 · Vehicle/Equip Mtce 3202 · Fixed Capital 3203 · Equipment Rental	0.00			11,369.38 1,500.48 1,748.38	25,000.00 10,000.00 5,000.00	45.5% 15.0% 35.0%	11,369.38 1,500.48 1,748.38	25,000.00 10,000.00 5,000.00	45.5% 15.0% 35.0%
	3204 · Miscellaneous	00.0			3,419.52	5,000.00	68.4%	3,419.52	5,000.00	68.4%
	Total 3200 VEH & EQUIPMENT 3300 · CONTRACT LABOR	0.00			18,037.76	45,000.00	40.1%	18,037.76	45,000.00	40.1%
6	3301 · Conduit, Meter, Valve & Misc 3302 · Buildings & Roads	0.00			2,046.00 8,850.96	12,000.00 20,000.00	17.1% 44.3%	2,046.00 8,850.96	12,000.00 20,000.00	17.1% 44.3%
	Ь									Page 4

# Statement of Revenues and Expenditures Cachuma Operation & Maintenance Board

Budget vs. Actuals - July-December 2011

Accrual Basis

12:48 PM 01/18/12 TOTAL

Operations

Fisheries

		11.140	A. P. C.	40.000	1.1 140 Day 44		0/ of Durdent	1.1.40 Dec 44	Despesa	% of Dudget
		Jul 10 - Dec 11	pager	% or budget	11 2an - 01 Inc	pager	nafinna io %	10 - Dec - I	nafinna	nafinna io o/
	3303 · Reservoirs 3304 · Engineering, Misc Services	0.00			1,943.00	10,000.00 30,000.00	19.4% 0.0%	1,943.00 0.00	10,000.00 30,000.00	19.4% 0.0%
	Total 3300 · CONTRACT LABOR	0.00			12,839.96	72,000.00	17.8%	12,839.96	72,000.00	17.8%
	3400 · MATERIALS & SUPPLIES 3401 · Conduit, Meter, Valve & Misc 3402 · Buildings & Roads	0.00			450.13 6,443.60	25,000.00 12,000.00	1.8% 53.7%	450.13 6,443.60	25,000.00 12,000.00	1.8%
	3403 · Reservoirs Total 3400 · MATERIAI S. & SIIPPI IFS	0.00			2,481.41	10,000.00	24.8%	2,481.41	10,000.00	24.8%
	3500 · OTHER EXPENSES 3501 · Utilities	0.00			2,619.63	6,800.00	38.5%	2,619.63	6,800.00	38.5%
	3502 · Uniforms 3503 · Communications	0.00			2,349.48 8,288.90	4,500.00 20,000.00	52.2% 41.4%	2,349.48 8,288.90	4,500.00 20,000.00	52.2% 41.4%
	3504 · USA & Other Services 3505 · Miscellaneous 3506 · Training	0.00 0.00 0.00			454.50 5,806.07 1,677.72	4,000.00 8,000.00 3,000.00	11.4% 72.6% 55.9%	454.50 5,806.07 1,677.72	4,000.00 8,000.00 3,000.00	11.4% 72.6% 55.9%
	Total 3500 · OTHER EXPENSES	0.00		•	21,196.30	46,300.00	45.8%	21,196.30	46,300.00	45.8%
	4000 · Reconciliation Discrepancies	0.00			0.01			0.01	0.00	100.0%
	4101-1 Senior Resource Scientist 4101-1 · QC 2 Project Administration 4101-2 · QC 2 Permit Writing/Admin 4101 · Senior Resource Scientist - Other	0.00 0.00 37,381.93	-15,000.00 -3,000.00 91,529.00	0.0% 0.0% 40.8%	0.00 0.00 0.00			0.00 0.00 37,381,93	-15,000.00 -3,000.00 91,529.00	0.0% 0.0% 40.8%
	Total 4101 · Senior Resource Scientist	37,381.93	73,529.00	50.8%	00.0			37,381.93	73,529.00	20.8%
	4102 · Project Biologist 4102-1 · QC 2 Bio Monitoring 4102 · Project Biologist · Other	0.00 38,850.40	-10,000.00 86,565.00	0.0%	0.00			0.00	-10,000.00	0.0%
	Total 4102 · Project Biologist	38,850.40	76,565.00	20.7%	00.00			38,850.40	76,565.00	20.7%
	4103 · Biologist 4103-1 · QC 2 Bio Monitoring 4103 · Biologist - Other	0.00 31,502.79	-10,000.00 67,657.00	0.0%	0.00			0.00	-10,000.00	0.0%
	Total 4103 · Biologist	31,502.79	57,657.00	54.6%	00.00			31,502.79	57,657.00	54.6%
	4110 · Seasonal Aide · BL	0.00	10,000.00	%0.0	0.00			0.00	10,000.00	%0.0 %0.0
	4111 : Seasonal Aide - Ab 4112 · Seasonal Aide - SH	799.25	15,000.00	5.3%	0.00			799.25	15,000.00	5.3%
	4113 · Seasonal Aide · KL 4150 · FD Health & WC	5,619.88	7,000.00	80.3% 55.7%	0.00			5,619.88 42,683.75	7,000.00 76,315.00	80.3% 55.9%
	4151 · FD PERS	22,714.12	44,296.00	51.3%	0.00			22,714.12 8 905.23	44,296.00	51.3%
r i	4132 FD Co Medicare	2,082.69	2,100.00	99.2%	0.00			2,082.69	2,100.00	99.2%
	Total 4100 · LABOR - FISHERIES	190,331.04	387,162.00	49.2%	209.00			190,540.04	387,162.00	49.2%
	4270 · VEHICLES & EQUIP - FISHERIES 4270 · Vehicle/Equip Mtce	4,466.27 966.72	13,000.00	34.4%	0.00			4,466.27 966.72	13,000.00	34.4%
secretaria esta esta esta esta esta esta esta est		630.65	2,500.00	25.2%	0.00			630.65	2,500.00	25.2%
rtworrtestan	Total 4200 · VEHICLES & EQUIP - FISHERIES	6,063.64	45,500.00	13.3%	0.00			6,063.64	45,500.00	13.3%

Page 5

Total 4200 · VEHICLES & EQUIP - FISHERIES 4220 · CONTRACT LABOR · FISHERIES

46

### Accrual Basis 12:48 PM 01/18/12

# Statement of Revenues and Expenditures Cachuma Operation & Maintenance Board

Budget vs. Actuals - July-December 2011

		Fisheries			Operations			TOTAL	
	Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget
4221 · Meters & Valves 4222 · Fish Projects Maintenance	0.00 5,316.16	3,000.00 15,000.00	0.0% 35.4%	0.00			0.00 5,316.16	3,000.00	0.0%
Total 4220 · CONTRACT LABOR · FISHERIES	5,316,16	18,000.00	29.5%	00.0			5,316.16	18,000.00	29.5%
4300 · MATERIALS/SUPPLIES - FISHERIES 4390 · Miscellaneous	107.60	6,000.00	1.8%	0.00			107.60	6,000.00	1.8%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	107.60	6,000.00	1.8%	0.00			107.60	6,000.00	1.8%
4500 · OTHER EXPENSES - FISHERIES 4502 · Uniforms	628.85	2,500.00	25.2%	0.00			628.85	2,500.00	25.2%
Total 4500 · OTHER EXPENSES - FISHERIES	628.85	2,500.00	25.2%	0.00			628.85	2,500.00	25.2%
4999 · GENERAL & ADMINISTRATIVE 5000 · Director Fees 5001 · Director Mileage 5000 · Director Fees · Other	0.00			524.86 7,552.00	12,000.00	62.9%	524.86 7,552.00	0.00	100.0% 62.9%
Total 5000 · Director Fees	0.00			8,076.86	12,000.00	67.3%	8,076.86	12,000.00	67.3%
5100 · Legal 5101-1 · Audit	0.00			44,360.80	75,000.00	59.1%	44,360.80	75,000.00	59.1%
5200 · Liability Insurance	0.00			41,393.00	30,800.00	134.4%	41,393.00	30,800.00	134.4%
5201 · Health & Workers Comp	0.00			51,975.18	143,790.00	36.1%	51,975.18	143,790.00	36.1%
5250 · Company FICA Admin	0.00			8,819.74	17,632.00	50.0%	8,819.74	17,632.00	50.0%
5265 · Company MCARE Admin	00.00			2,080.45	4,123.00	50.5%	2,080.45	4,123.00	50.5%
5300 · Manager Salary 5301 · Administrative Manager	00:0			32,929.24	67,339.00	50.0% 48.9%	32,929.24	67,339.00	48.9%
5304 · Admininstrative Secretary	0.00			19,435.45	38,648.00	50.3%	19,435.45	38,648.00	50.3%
5306 · Administrative Assistant	00:0			20,676.84	41,595.00	49.7%	3 235 46	41,595.00	49.7% 28.0%
5311 · Office Equip/Leases	00.0			5,179.32	9,800.00	52.9%	5,179.32	9,800.00	52.9%
5312 · Misc Admin Expenses	0.00			3,204.81	12,000.00	26.7%	3,204.81	12,000.00	26.7%
5313 · Communications 5314 · Utilities	0.00			4,295.09 5.315.10	8,400.00	51.1% 62.5%	4,295.09 5,315,10	8,400.00	51.1% 62.5%
5315 · Membership Dues	0.00			5,237.09	7,295.00	71.8%	5,237.09	7,295.00	71.8%
5316 - Admin Fixed Assets	0.00			0.00	5,000.00	%0.0	0.00	5,000.00	0.0% 53.0%
53.25 · Emp Training/Subscriptions	00.0			60.00	3,000.00	2.0%	60.00	3,000.00	2.0%
5330 - Admin Travel/Conferences	0.00			0.00	3,000.00	0.0%	0.00	3,000.00	0.0%
5332 · Transportation	00.0			1,861.40	1,000.00	33.6% 186.1%	1,861.40	1,000.00	186.1%
5333 · Relocation Expense 5390 · MURRP Interest Expense	0.00			9,489.56	14,000.00	67.8% 0.0%	9,489.56	14,000.00	67.8% 0.0%
Total 4999 · GENERAL & ADMINISTRATIVE	00.00			367,031.98	725,956.00	50.6%	367,031.98	725,956.00	20.6%
5400 · GENERAL & ADMIN - FISHERIES 5401 · Health & Workers Comp. 5402 · CalPERS 5403 · Company Fica 5404 · Admin Secretary 5405 · GM Salary 5406 · Company MCare 5407 · Legal · FD  5408 · Administrative Manager	13,026,59 10,327.06 3,779.90 8,329.51 23,999.95 891.61 7,084.00	43,099.00 20,716.00 7,556.00 16,563.00 48,000.00 1,765.00 25,000.00	30.2% 49.9% 50.0% 50.3% 50.0% 28.3%	0.00 0.00 0.00 0.00 0.00 0.00			13,026.59 10,327.06 3,779.90 8,329.51 23,999.95 891.61 7,084.00	43,099.00 20,716.00 7,556.00 16,563.00 48,000.00 1,765.00 25,000.00	30.2% 49.9% 50.0% 50.0% 50.6% 50.5% 28.3%

Accrual Basis 12:48 PM 01/18/12

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

10   10   10   10   10   10   10   10			Fisheries			Operations			TOTAL	
Figure 2   Communications with analysis   Communications   Communication		Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget
	5408-1 - QC 2 Contract Administration 5408 - Administrative Manager - Other	0.00 14,429.74	-2,000.00 28,860.00	0.0% 20.0%	0.00			0.00 14,429.74	-2,000.00	0.0% 50.0%
State   Contract Administration   1,000   1,124   1,	Total 5408 - Administrative Manager	14,429.74	26,860.00	53.7%	0.00			14,429.74	26,860.00	53.7%
Total Figure   Particle State   Particle	5409 · Administrative Assistant 5409-1 · QC 2 Contract Administration 5409 · Administrative Assistant - Other	0.00 9,112.46	-3,000.00 17,827.00	0.0%	0.00			0.00 9,112.46	-3,000.00	0.0%
State Office Requirement   State   S	Total 5409 · Administrative Assistant	9,112.46	14,827.00	61.5%	0.00			9,112.46	14,827.00	61.5%
6412 - Unification Explanations         1,279,29         6,000.00         22,18%         0.00         4,000.00         2,24%         9,000         4,000.00         6,24%         1,24%,28         9,000.00         6,24%         1,24%,28         9,000.00         6,24%         1,24%,28         1,24%,28         9,000.00         6,24%         1,24%,28         9,000.00         6,24%         1,24%,28         9,000.00         6,24%         1,000.00         2,24%,48         1,24%,28         9,000.00         6,24%,48         1,24%,28         9,000.00         2,24%,48         1,24%,28         9,000.00         2,24%,48         2,24%,48         1,000.00         2,24%,48         2	5410 · Postage / Office Supplies	1,610.88	4,800.00	33.6%	0.00			1,610.88	4,800.00	33.6%
State   Comparison   Comparis	5411 · Onice Equipment / Leases 5412 · Misc. Admin Expense	1,327.58	6,000.00	52.8% 22.1%	00:00			2,219.58 1,327.58	4,200.00 6,000.00	52.8% 22.1%
5415 Administrated Accesses         2454 Accesses         275100         86.9%         0.00         2,624 Accesses         2,620 Accesses         2,624 Accesses         2,620 Accesses         2,624 Accesses         2,620 Accesses         2,620 Accesses         2,620 Accesses         2,620 Accesses         2,624 Accesses         2,620 Accesses	5413 · Communications 5414 · Utilities	1,875.10 2.219.41	3,600.00 4.500.00	52.1% 49.3%	97.85			1,972.95 2.219.41	3,600.00	54.8% 49.3%
### State Controller Reconstruction	5415 · Membership Dues	2,424.46	2,791.00	86.9%	0.00			2,424.46	2,791.00	86.9%
### State	5418 · Computer Consultant	4,093.36	2,000.00	0.0% 54.6%	00.0			0.00 4,093.36	5,000.00 7,500.00	0.0% 54.6%
443.7 Following from all of the control of	5425 · Employee Education/Subscription 5430 · Travel	00.00	3,000.00	%0.0 %0.0	0.00			0.00	3,000.00	%0.0 0.00
### 5437 **Reflection E-person	5431 · Public Information	143.79	1,000.00	14.4%	0.00			143.79	1,000.00	14.4%
2447 - Audit   Audit	5432 · Iransportation 5433 · Relocation Expense - GM	837.87 4,066.94	1,000.00 6,000.00	83.8% 67.8%	0.00			837.87	1,000.00 6,000.00	83.8% 67.8%
13,000   13,000   13,000   10,00%   0.00   15,000   10,00%   0.00   13,00	5441 · Audt	3,947.10	6,000.00	65.8%	00.0			3,947.10	6,000.00	65.8%
Total Sciol - CENERAL & ADMIN - FISHERIES   128,946.38   128,946.39   172,044.74   290,907.00   15,000.00   15,0	5443 · Liab & Property Ins 5490 · Fish Projects Interest Expense	13,200.00 0.00	13,200.00 14,930.00	100.0% 0.0%	0.00			13,200.00 0.00	13,200.00 14,930.00	100.0% 0.0%
5517 - Charge large	Total 5400 · GENERAL & ADMIN - FISHERIES	128,946.89	290,907.00	44.3%	97.85			129,044.74	290,907.00	44.4%
6005 - SPECIAL PROJECTS 6006 - SPECIAL PROJECTS 6007	5510 - Integrated Reg. Water Mgt Plan 5513 - Coet / Benefit Analysis	0.00			00:0	15,000.00	%0:0	0.00	15,000.00	%0.0
6090 - COMB BidgGrounds Repair         0.00         3.753.12         18,500.00         0.00%         0.00 </th <th>6000 SPECIAL PROJECTS</th> <th>000</th> <th></th> <th></th> <th>5</th> <th>00.000,62</th> <th>0.0%</th> <th>00.0</th> <th>20,000,00</th> <th>% O:</th>	6000 SPECIAL PROJECTS	000			5	00.000,62	0.0%	00.0	20,000,00	% O:
6085 -SCC Structure Rata & Design         0.00         23.175         50,000.00         0.5%         23.175         50,000.00           6085 -SCC Structure Rata Design         0.00         37,500.00         0.0%         21.75         50,000.00           6087 -CSC Structure Rata Design         0.00         37,500.00         0.0%         31.75         50,000.00           6101 -SCC Emergeny Plealine Repairs         0.00         31.75         40,000.00         31.75         50,000.00           6102 - Lauro Debris Basin Maintenance         0.00         81.75         0.00         81.75         0.00         81.75         0.00           6102 - Lauro Debris Basin Maintenance         0.00         81.75         0.00         81.75         0.00         81.75         0.00         81.75         0.00         81.75         0.00         81.75         0.00         81.75         0.00         81.75         0.00         81.75         0.00         0.00         81.75         0.00         0.00         81.75         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00	6062 · SCADA 6090-1 · COMB Bldg/Grounds Repair	0.00			0.00 3,753.12	18,500.00 30,000.00	0.0%	0.00 3,753.12	18,500.00 30,000.00	0.0% 12.5%
6037 - GIS and Mapping         6037 - GIS and Mapping         115.18         10,000.00         3.15.18         10,000.00         3.15.18         10,000.00         3.15.18         10,000.00         3.15.18         10,000.00         3.15.18         10,000.00         3.15.18         10,000.00         3.15.18         10,000.00         3.15.18         10,000.00         3.25.20         10,000.00         3.25.20         76,175.00         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.60         81.75.71	6092 · SCC Improv Plan & Design 6096 · SCC Structure Rehabilitation	0.00			231.75 0.00	50,000.00 37,500.00	0.5% 0.0%	231.75 0.00	50,000.00 37,500.00	0.5% 0.0%
Color   Colo	6097 · GIS and Mapping	0.00			3,115.18	10,000.00	31.2%	3,115.18	10,000.00	31.2%
C200 - FISHERIES ACTIVITIES         <	6102 - Lauro Debris Basin Maintenance 6103 - SCCMURRP	00.0			62,232.00 810,748.81	76,175.00	81.7% 67.6%	62,232.00 810,748.81	76,175.00	81.7% 67.6%
6200 - FISHERIES ACTIVITIES         3,249.81         121,500.00         2.7%         0.00         5,566.57         10,000.00         5           6201 - FINE implementation         6,266.57         10,000.00         5.57%         0.00         5,566.57         10,000.00         5           6202 - Gis and Mapport         0.00 <t< th=""><th>Total 6000 · SPECIAL PROJECTS</th><th>0.00</th><th></th><th></th><th>899,636.29</th><th>1,627,175.00</th><th>55.3%</th><th>899,636.29</th><th>1,627,175.00</th><th>55.3%</th></t<>	Total 6000 · SPECIAL PROJECTS	0.00			899,636.29	1,627,175.00	55.3%	899,636.29	1,627,175.00	55.3%
6201 - FMP Implementation 6.224-8.1 121,500.00 2.7% 0.00 6.00 6.00 6.00 6.00 6.00 6.00 6.0	6200 · FISHERIES ACTIVITIES			i	6			0		1
6203 Grants Technical Support         0.00         10,000.00         0.00%         0.00         10,000.00         10,000.00           6204 SYR Hydrology Technical Support         425.89         25,000.00         17%         0.00         425.89         25,000.00         425.89         425,000.00         425.89         425.89         425,000.00         425.89         425,000.00         425.89         425.89         425,000.00         425.89         425,000.00         425.89         425.89         425,000.00         425.89         425,000.00         425.89         425.89         425,000.00         425.89         425.89         425.89         425.89	6201 · FMP Implementation 6202 · GIS and Mapping	3,249.81 5,566.57	121,500.00 10,000.00	2.7% 55.7%	0.00			3,249.81 5,566.57	121,500.00	2.7% 55.7%
Color   Colo	6203 · Grants Technical Support	0.00	10,000.00	0.0%	00.0			0.00	10,000.00	0.0%
6206 · Tri County Fish Team Funding         0.00         5,000.00         0.00         5,000.00         5,000.00         5,000.00         5,000.00         5,000.00         5,000.00         5,000.00         5,000.00         5,000.00         45,000.00         6,000         0.00         5,000.00         45,000.00         45,000.00         45,000.00         6,000         0.00         80,000.00         48,000.00         48,000.00         48,000.00         48,000.00         48,000.00         48,000.00         48,000.00         48,000.00         48,000.00         48,000.00         48,000.00         86,544.43         382,500.00         86,544.43         382,500.00         86,544.43         382,500.00         2,000.00	Pottogga Pottogga Pottogga Pottogga Pottogga Pottogga Pottogga Pottogga Pottogga Pottogga Pottogga Pottogga Pottogga Pottogga Pottoga	36,925.00	75,000.00	49.2%	0.00			36,925.00	75,000.00	49.2%
Style   Styl	Cr pines Sans Sans	0.00	5,000.00	%0.0	0.00			0.00	5,000.00	0.0%
## 6209 - SYR Riverware Model Peer Review 4, 163.16 48,000.00 8.7% 0.00 4, 163.16 48,000.00 4, 163.16 48,000.00    Total 6200 - FISHERIES ACTIVITIES 86,544.43 382,500.00 22.6% 0.00 86,544.43 382,500.00    6300 - HABITAT ENHANCEMENT 0.00 2,000.00 0.0% 0.00 0.00 2,000.00 2,000.00    C 6303 - Tributary Projects Support 0.00 2,000.00 0.0% 0.00 P.00 P.00 P.00 P.00 P.0	M	36,214.00	8,000.00 8,000.00	45.3% 0.0%	0.00			36,214.00 0.00	8,000.00	45.5% 0.0%
Total 6200 • FISHERIES ACTIVITIES         86,544.43         382,500.00         22.6%         0.00         86,544.43         382,500.00           6300 • HABITAT ENHANCEMENT         0.00         2,000.00         0.00         2,000.00         0.00         2,000.00           6303 • Tributary Projects Support         0.00         2,000.00         0.0%         0.00         2,000.00		4,163.16	48,000.00	8.7%	0.00			4,163.16	48,000.00	8.7%
6300 · HABITAT ENHANCEMENT 6300 · HABITAT ENHANCEMENT 6303 · Tributary Projects Support 6303 · Tributary Projects Support 6300 · 0.00 7,000.00	Total 6200 · FISHERIES ACTIVITIES	86,544.43	382,500.00	22.6%	0.00			86,544.43	382,500.00	22.6%
	6300 · HABITAT ENHANCEMENT 6303 · Tributary Projects Support	0.00	2,000.00	0.0%	00:00			00'0	2,000.00	%0.0
	46									Page 7

# Page 8

100.0%

0.00

-472,941.38

96.4%

35,745.00

34,450.18

1,419.5%

-35,745.00

-507,391.56

# Cachuma Operation & Maintenance Board Statement of Revenues and Expenditures

Budget vs. Actuals - July-December 2011

Accrual Basis

12:48 PM 01/18/12

		Fisheries			Operations			TOTAL	
	Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget	Jul '10 - Dec 11	Budget	% of Budget
6304 · Engineering Designs - QC 6306 · Jalama Repair Design 6307 · Ouiota Croeck Croecing#2	12,865.29 0.00	33,000.00	39.0%	00.00			12,865.29 0.00	33,000.00 0.00	39.0% 0.0%
6307-1 - Labor									
6307-1a · Resident Engineer	6,884.37	35,745.00	19.3%	0.00			6,884.37	35,745.00	19.3%
6307-10 · Project Administrator	2,146.47	5,000.00	54.5% 47.7%	00.0			2,383,62	5.000.00	47.7%
6307-1d · Permit Writing / Administration	132.01	3,000,00	4.4%	00:0			132.01	3,000.00	4.4%
6307-1e · Biological Monitoring	11,642.52	20,000.00	58.2%	00.0			11,642.52	20,000.00	58.2%
Total 6307-1 · Labor	26,190.99	78,745.00	33.3%	0.00			26,190.99	78,745.00	33.3%
6307-2 · Design, Pemtg, Testing, Ovrsite	40,027.95	44,000.00	91.0%	00.00			40,027.95	44,000.00	91.0%
6307-3 · Bottomless Arched Culvert	172,312.64	159,800.00	107.8%	00:00			172,312.64	159,800.00	107.8%
6307-4 · Mobilization	43,000.00	29,000.00	148.3%	00:00			43,000.00	29,000.00	148.3%
6307-5 · Demolition, Disposal	30,500.00	20,736.00	147.1%	00'0			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			15,192.25	27,310.00	55.6%
6307-7 · Erosion Cutrl - Revegetation	12,638.06	7,770.00	162.7%	00:0			12,638.06	7,770.00	162.7%
6307-8 - Site Ex, Stockpling, Mat Prep	7 345 00	35,298.00	49.1%	0.00			7 345 00	35,298.00	49.1% 33.0%
6307-10 - Construct CIP Footing Prep	40,000,00	37 880 00	33.0% 105.6%	0.00			40.000.00	37.880.00	105.6%
6307-11 · Install Prefab Arched Svs	30,000,00	30,048.00	%8'66	00:00			30,000.00	30,048.00	%8.66
6307-12 · Road Embkmnt Fill, Cmpct, Grad	47,000.00	39,640.00	118.6%	00:00			47,000.00	39,640.00	118.6%
6307-13 · Rd bse import, prep, grading	20,880.00	13,170.00	158.5%	00:00			20,880.00	13,170.00	158.5%
6307-14 · Install Asphaltic Cncrt Pvment	26,400.00	25,432.00	103.8%	0.00			26,400.00	25,432.00	103.8%
6307-15 · Install Grdrail, Bridgerail sys	58,507.71	85,360.00	68.5%	0.00			58,507.71	85,360.00	68.5%
6307-16 - Apply Bridge Coating Sys	7,000.00	16,000.00	43.8%	00.00			7,000.00	16,000.00	45.6%
6307-17 · Construct Rock Weir	24,400.00	35,427.00	68.9% 64.0%	0.00			24,400.00	55,427.00	%6.9% 84.9%
6307-10 - Collstruct Rock Killes	30,000,00	32,344.00	04.9%	00.0			30,900,00	32 748 00	94.4%
6307-20 · Perform Finish Gradina	12,000,00	5,648.00	212.5%	0.00			12,000.00	5,648.00	212.5%
6307-21 · Cattle Exclusion Fencing	1,183.00	1,200.00	98.6%	0.00			1,183.00	1,200.00	%9'86
6307-22 · Replace Existing Fence	4,705.96	4,346.00	108.3%	00.00			4,705.96	4,346.00	108.3%
6307-23 · Site Clean-up and Demobilizatio	1,050.00	10,500.00	10.0%	0.00			1,050.00	10,500.00	10.0%
6307 · Quiota Creek Crossing #2 · Other	0.00	A STATE OF THE STA		0.00			0.00	0.00	0.0%
Total 6307 · Quiota Creek Crossing #2	712,638.56	814,246.00	82.5%	0.00			712,638.56	814,246.00	87.5%
Total 6300 · HABITAT ENHANCEMENT	725,503.85	849,246.00	85.4%	0.00			725,503.85	849,246.00	85.4%
6400 · STORM DAMAGE	00 0			4 318 00			4 318 00	00.0	100.0%
Total 6400 · STORM DAMAGE	00:00			4,318.00			4,318.00	0.00	100.0%
9600 · Extraordinary Items - reorg	00.00			00:00	0.00	%0:0	0.00	0.00	%0.0
Total Expense	1,143,442.39	1,981,815.00	57.7%	1,703,431.39	3,440,103.00	49.5%	2,846,873.78	5,421,918.00	52.5%

Net linear Income PAGE 10

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

www.treasurer.ca.gov/pmia

<u>-lai</u>

January 09, 2012

CACHUMA OPERATION AND MAINTENANCE BOARD

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

**PMIA Average Monthly Yields** 

**Transactions** 

Tran Type Definitions

December 2011 Statement

**Account Summary** 

Total Deposit:

0.00 Beginning Balance:

3.861.29

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 <u>Occarbon</u>, 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

PENH Yb

### **SAIГІЯ ВАКВАКА** BANK & TRUST

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

1541

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

-	
r	7
ш	М.
ы	м
11	ш
Ш	
	91
•	
E	
U	м
е	
П	200
E	94
П	90
u	м

Statement Period:

12/01/2011 to 12/31/2011

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 47.87 Interest Paid Last Year 39.98

Deposit Account Recap

Beginning Balance as of

December 1, 2011 131,946.25 2 Deposits (Plus) 69,339.83

Ending Balance as of

December 31, 2011

201,286.08 25.83

Interest Paid

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 learning, 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.

PAGE 12

### SAITTA BAKBAKA BANK&TRUST

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

Santa Barbara CA 93105-2017

1542
Cachuma Operation & Maintenance Board
Cachuma Project Trust Fund
3301 Laurel Canyon Rd

15f:1	
113	
11 (+)	
SI	
1(=)	
11[=	
l e l	

Statement Period:

12/01/2011 to 12/31/2011

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 383.00
Interest Paid Last Year 447.50

Deposit Account Recap

Beginning Balance as of

December 1, 2011 1 Deposits (Plus)

1 Deposits (Plus)
Ending Balance as of

December 31, 2011

Interest Paid

128,128.54

128,090 46

38.08

38.08

**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 <u>December</u>, 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

PAGE 13

### comb2

## Payment of Claims As of December 31, 2011

1050 · GEN	Date	Num	Name	Memo	Amount
FUND	12/05/2011	20478	COMB-Petty Cash	Replenish petty cash	-217.53
TOND	12/05/2011	20479	COMB - Revolving Fund	Dec 9 & 23, 2011, Jan 6, 2012 payrolls/taxes	-173,207.66
	12/08/2011		A-OK Mower Shops, Inc.	Sharpen chain saws/oil for saws/protective chaps	-472.70
	12/08/2011		Acorn Landscape Management Co.	Scheduled mtce	-253.17
	12/08/2011	20482	ACWA Health Benefits Authority (HBA)		-49.56
	12/08/2011		American Fisheries Society	Member dues 2012-TR/SE	-180.00
	12/08/2011		Aqua-Flo Supply	Wire/pipe/grate-Quiota Crk xng 2 re-vegetation supp	-111.24
	12/08/2011	20485	AT&T	Nov statement	-370.49
	12/08/2011	20486	Bruce Mowry	Nov/Dec relocation & misc expense reimb's	-3.032.80
	12/08/2011	20487	Business Card	JG-webhost/Ops Sup ad/JC-straw bales-Lauro yd project/pesticide applicators seminar fee	-890.73
	12/08/2011	20489	Coastal Copy, LP	Mtce agmt KM-4035/TASKalpha	-254.20
	12/08/2011	20490	Culligan Water	RO system Dec	-24.95
	12/08/2011	20491	ECHO Communications	Answering service	-65.24
	12/08/2011		GE Capital	Lease agmt KM-C4035E Billing ID#90133933786	-494.57
	12/08/2011	20493	Hydrex Pest Control Co.	Ant/pest control	-68.00
	12/08/2011		Kyle Louv	Reimb exp's	-101.15
	12/08/2011		MarBorg Industries	Portable toilets	-328.30
	12/08/2011	20496	Milpas Rental	Chipper & post hole digger rental	-243.52
	12/08/2011		Musick, Peeler & Garrett LLP	General Counsel-Oct	-21,205.80
	12/08/2011		Nextel Communications	Cellular	-441.40
	12/08/2011	20499	Peter Lapidus Construction, Inc.	Debris removal-debris removal-grading/Lauro debris basin drainage repair/Glen Anne pad prep-MURRP	-65,734.30
	12/08/2011	20500	PG&E	NP	-187.62
	12/08/2011	20501	Powell Garage	Colorado-thermostat/antifreeze	-259.11
	12/08/2011		Praxair Distribution, Inc	Cylinder rental	-54.64
	12/08/2011	20503	Republic Elevator Co.	Scheduled mtce-NP elevator	-278.12
	12/08/2011	20504	Santa Barbara Concrete Cutting	Inside vault slab core drilling	-220.00
	12/08/2011	20505	SBHRA Treasurer	Membership Dues-1/12-12/12 JGingras	-145.00
	12/08/2011	20506	Specialty Tool, LTD	Wedge anchors/misc mat-sup	-94.58
	12/08/2011	20507	State Compensation Insurance Fund	Payroll Report Nov 2011	-4,166.87
	12/08/2011	20508	The Gas Company	Main ofc	-0.99
	12/08/2011	20509	The Wharf	Steel toe boots-SK	-107.20
	12/09/2011	20510 20511		Transfer of GWD Water Year 11/12 funds	-69,314.00
	12/12/2011 12/12/2011	20511	Cardno ENTRIX CIO Solutions, LP	Mission Crk Environmental Services-thru Oct Maintain IT/Postini-Dec	-231.75
		20512	City of Santa-Barbara	Refuse/recycle 10/24-11/29/11	-1,942.50 -179.78
	12/12/2011	20514	=	Air valve-lower reach Sta 510+20/PPE	-679.23
	12/12/2011		County of Santa-Barbara	Green waste/general garbage	-640.95
	12/12/2011		Cox Communications	Business internet Dec	-195.00
	12/12/2011	20517	Famcon Pipe & Supply	Metal fittings/flanges/bolts/nuts/gaskets/joints	-2,676.52
	12/12/2011	20518	GE Capital	Lease agmt TASKalfa Billing ID#90136047559	-133.61
	12/12/2011		Home Depot Credit Services	Construction pencil/sandbags/LED light for main bldg	-175.15
			Larry's 8-Day Auto Parts	Battery/flares/veh supp/shop towels	-160.44
	12/12/2011	20521	Melinda L. Fournier	Oak Tree Restoration Program-Nov	-5,021.00
		20522	Paychex, Inc.	11/10,25 payrolls/taxes	-263.22
	12/12/2011	20523	Permacolor, Inc.	Paint ladder-Carp control sta	-609.32
	12/12/2011	20524	Prudential Overall Supply	Mats	-135.48
	12/12/2011	20525	Republic Elevator Co.	Elevator repair-hoist switch	-679.96
	12/12/2011	20526	Santa Ynez River Water Cons. Dist. ID:	Stetson-Annual Monitoring Report-Aug	-30.06
	12/12/2011	20527	SB Home Improvement Center	Toilet seat	-31.24
	12/12/2011	20528	Southern California Edison	Main ofc/outlying stations	-1,176.11
	12/12/2011	20529	Staples Credit Plan	Office Supplies	-222.85
	12/12/2011	20530		Main ofc/outlying stations	-447.35
	12/12/2011	20531		Tool bag set/head lamp/wrench set/concrete/misc	-223.51
	12/12/2011	20532		Nov mtg fees	-132.23
	12/12/2011	20534		Nov mtg fees	-133.10
	12/12/2011	20535		Nov mtg fees	-142.43
	12/12/2011	20536		Nov mtg fees	-138.20
	12/12/2011	20537	Wright Express Fleet Services	Fuel	-2,491.42
	12/12/2011	20538	Premiere Global Services	Conf. calls Nov	-89.57
	12/19/2011	20539		Task Order No.37-FINAL SETTLEMENT	-65,000.00
	12/20/2011 12/20/2011	20540 20541	ACWA Health Benefits Auth. (HBA)	1/1-2/1/12 coverage SVP Model Peer Pavious 10/23 11/10/11 PO#11 12.0	-19,404.72
	12/20/2011	20541	Balance Hydrologics, Inc. Southern California Edison	SYR Model Peer Review-10/23-11/19/11 PO#11-12-0 Glen Anne gate/Corona-Glen Anne Rd/Foothill Rd	-2,046.66 -72.08
					1.7

Page 1-of 2 4 C

# comb2 Payment of Claims As of December 31, 2011

Date	Num	Name	Memo Memo	Amount
12/20/201	1 20543	Verizon California	SCADA	-522.29
12/20/201	1 20544	Verizon Wireless	Cellular	-152.54
12/21/201	1 20545	Employee Relations, Inc.	Pre-employment background check-IV	-99.00
12/21/201	1 20546	Harlan Burchardi	Nov mtg fees	-156.92
12/21/201	1 20547	Pacific Coast Jiffy Lube	Service-Colorado	-48.13
12/21/201	1 20548	Peter Lapidus Construction, Inc.	Quiota Crk xng 2/Excavate add'l area Glen Anne pad	-88,956.20
12/21/201	1 20549	RKA Consulting Group	Engineering services-MURRP PO#11-12-05 Nov	-1,945.00
12/21/201	1 20550	Santa Barbara Concrete Cutting	Inside vault slab core drilling-two locations	-390.00
12/21/201	1 20551	The Gas Company	Main ofc	-32.32
Total 1050 · GENERAL I	UND			-540,383.28
				-540,383.28

### CACHUMA OPERATION & MAINTENANCE BOARD

### **BOARD MEMORANDUM**

Date:

January 23, 2012

Submitted by:

**Bruce Mowry** 

Approved by:

**Bruce Mowry** 

**SUBJECT:** 

Update on Modified Upper Reach Reliability Project

### **SUMMARY:**

This project is a work in progress and will continue to be developed and modified as needed through the next several months. Staff will keep the Board informed of progress as we complete each month.

A Bid Tabulation was evaluated by staff of the Bid Schedules for the Modified Upper Reach Reliability Project that bid on December 14, 2011. The Bid Tabulation values do not correctly represent the schedule of values that the awarded contractor is required to submit within the next couple of weeks. The schedule of values will be utilized to track the value of work completed each month by the contractor. COMB's monthly payment amounts to the contractor will be according to a schedule in the Contract Documents based on a percentage of the total awarded contract value. The cumulative value of the payments to the contractor shall never exceed the cumulative value of the progress payments. This method is being used due to the Prop 50 Grant Funding that is a reimbursement of the submitted progress payment requests. Now that you may be totally confused on how the finances of this project will implemented, be assured that the General Manager and Administrative Manager fully understand this method.

The Contract Documents were very clear in that the "Lowest Bidder" would be determined by a total of a list of items on the Bid Schedule. The Documents indicated that COMB, at its discretion, may elect to add or deduct certain bid items during the course of this WORK. At our Board meeting of December 19, 2011, COMB selected the items on the bid schedule that served the best interest of the public benefit within the budgeted value of the WORK.

The items that were awarded were items #1, #2, #3, #4, #5, only one unit of #8, #9, #10, #11, #12, #13, #14, #15 & #16 from the Bid Schedule submitted by the Lowest Responsive Bidder "Blois Construction, Inc.". These are the necessary items to accomplish the primary objective of this project for reliability and still stay within the budget. The project constructs a new South Portal Junction Structure, the 2000 feet of 48 inch pipe to the Glen Annie Turnout Structure, adds two flow monitoring meters and all the ancillary work necessary for this system to operate as a reliable system for this reach of the South Coast Conduit and these items are covered in the bid items listed above.

	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
PACE	"NO MINER PROSECTION FOR THE SERVICE S

Since the award of the project, we have issued one change order for no dollar value that adjusted the required insurance provided by the Contractor, after legal counsel reviewed and reported that the insurance provided was better coverage than required. Legal Counsel recommended that our contract documents should be changed to eliminate any questions concerning the actual insurance coverage accepted by COMB.

The Contractor has completed most of his field investigation work and is completing the design documents to reflect the existing conditions found at the project. Some of these changes are as follows:

- Entrance and exit piping at the South Portal Junction Structure were constructed with larger encasements than shown on the record drawings.
- The Contractor has proposed to keep the new pipeline on the same side for the entire 2000 feet length and not cross over the existing pipeline as originally proposed. No cost increase to the project.
- Relocate Edison service drop at Glen Annie Turnout to eliminate overhead wires and power pole due to safety issues during construction with no cost increase to the project.

A meeting is scheduled with the Contractor and their Engineer to finalize design on January 18<sup>th</sup> and these updates will be reported to the Board verbally at our meeting.

	•	•	-	
EICCAL	IMPACTS:			
IIJUAL	HALL WOLD.			

Budgeted

### **LEGAL CONCURRENCE:**

N/A

### **ENVIRONMENTAL COMPLIANCE:**

Permitting complete except for USBR approval of new junction structure.

### **COMMITTEE STATUS:**

N/A

### **RECOMMENDATION:**

None at this time – for information only.

### LIST OF EXHIBITS:

None at this time.

TEV #	5
PAGE.	2 rounners anne trajerne rousia anne trajerne rousia anne trajerne rousia anne trajerne trajerne trajerne trajern

### CACHUMA OPERATION & MAINTENANCE BOARD

### **BOARD MEMORANDUM**

Date:

January 23, 2012

Submitted by:

**Bruce Mowry** 

Approved by:

**Bruce Mowry** 

SUBJECT:

On-call Contractors For Emergency Repair of the SCC

### **SUMMARY:**

Over the past year, a set of Contract Documents has been developed to address the need of being able to quickly execute repairs of the South Coast Conduit, if failure of the system occurred that would prevent adequate water supply to the member agencies. These contracts would be prepared and awarded as on call contracts with a defined method of compensation and miscellaneous repair specifications that may be utilized to perform these repairs.

COMB would be awarding up to five contracts for duration of five years and would have a cap of up to \$200,000 each. The contractor may never be requested to perform work during this time period if failure of the SCC did not occur. If COMB utilizes their services for this purpose, the contractor would be compensated per the Green Book values as a Forced Contract. This referenced document is updated to reflect compensation of current cost of construction at that time of work performed.

At the end of this current budget year, the balance of dollars remaining from the original \$205,000 established at the beginning of this fiscal year will be utilized to purchase spare pipe and fittings to be utilized by any of these contractors to complete repairs of a pipeline failure.

The documents have been reviewed by legal counsel and subsequently will be presented at the February Board meeting with a recommendation to award multiple contracts to complete emergency repairs, if required.

### **FISCAL IMPACTS:**

Cost of work would first utilize available dollars in COMB's current year budget. The General Manager will be requesting the Board to approve a restricted reserve account that would be utilized in future years for this purpose in the next FY budget.

### **LEGAL CONCURRENCE:**

Reviewed

### **ENVIRONMENTAL COMPLIANCE:**

TENH	stransferrence states of an assessment polyteria distribution and assessment assessment as a second
PAGE_	alan en representation production production and a supplication of the contraction of the

N/A

### **COMMITTEE STATUS:**

N/A

### **RECOMMENDATION:**

None at this time – for information only.

### **LIST OF EXHIBITS:**

None at this time.

### CACHUMA OPERATION & MAINTENANCE BOARD

### **BOARD MEMORANDUM**

Date:

January 23, 2012

Submitted by:

**Bruce Mowry** 

Approved by:

**Bruce Mowry** 

**SUBJECT:** 

Public Outreach Committee Meeting of January 11, 2012

### **SUMMARY:**

The Public Outreach Committee had its first meeting of the year and it was the liveliest committee of COMB to date. Director Lieberknecht was coming up with ideas and Director Morgan was expanding those ideas. Director Lieberknecht started the meeting by sharing with us the concept of the pipe design during the period of the construction of the South Coast Conduit and he got so excited showing us how they wrapped the steel bars that Director Morgan had to duck not to be knocked in the head by the bar. Maybe this had something to do with Director Morgan indicating that Director Lieberknecht must have been on the SCC organization chart during the 50's when the project was constructed.

The first topic of the Committee was to review the draft that Dr. Robinson had written for a press release for the Quiota Creek Crossing #2. The committee thought the draft needed to be rewritten into shorter paragraphs to make it easier to read. The committee also thought that catchier titles like "Bears, Tarantulas and Steelhead Trout" or "How to Build a Bridge in a Day", would be titles to hook the reader into reading the press release. Dr. Robinson has rewritten the press release and has submitted it back to the committee members for review.

The second topic concerns the newsletter. The committee discussed the content of the Fisheries Division's activities that should be presented and also gave direction that the newsletter would not be in paper copy, but electronic versions would be distributed and placed on the COMB website.

The next topic was an update of speaking events and school field trips that Dr. Robinson and the Fisheries staff will be giving in the next several months. The committee concurred in the type of activities described and made some suggestions of expanded events to attend.

The last topic covered by the committee was the status of the Modified Upper Reach Reliability Project (MURRP) and how it should be presented in a series of press releases showing the importance of the South Coast Conduit and Tecolote Tunnel to the County residents. They requested that staff take the ideas that Directors Lieberknecht and Morgan suggested and put them in an organized outline for a series of articles and present them at the next committee meeting.

ILN#	esistas sicrasis processos
PAGE_	erfolick by State (Annie State (A

FISCAL IMPACTS:
N/A
LEGAL CONCURRENCE:
N/A
ENVIRONMENTAL COMPLIANCE:
N/A
COMMITTEE STATUS:
To meet every month or two until time frequency could be reduced.
RECOMMENDATION:
None at this time – for information only.
LIST OF EXHIBITS:
None at this time.

### Operations Report-January 2012

The average flow from Lake Cachuma into the Tecolote Tunnel for December was 56.91 acrefeet per day. The lake elevation was 746.09 at the beginning of the month and 745.32 at the end. The storage change was -2,328 acre-feet. 35.1 acre-feet of State Water Project water was delivered to South Coast Member Units during the month.

### Activities conducted this period include:

The Operations crew installed Air Release/Vac Valves above ground at Station 2+74, 16+21, and 67+86. Asphalt was added to Lauro Yard to provide additional parking space during Board meetings. A new grate was fabricated, primed, painted, and installed at the intake tower located at Lake Cachuma. A safety ladder was installed at Carpinteria Reservoir per the safety recommendation of ACWA JPIA, CVWD has an injection point within this confined space across from where the existing ladder was located the new ladder is near the injection point. The valve pits at Carpinteria, Ortega, and Sheffield have been washed out and cleaned. With the Modified Upper Reach Reliability Project beginning, the crew has been monitoring activity occurring at the project site; monitoring has also been taking place on Andrew and Jessica Brown's property to monitor the grading and removal of fill over the South Coast Conduit. The Operations and Fisheries division have completed Confined space and respirator training conducted by the USBR.

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

Doily.	/ ctructura	maintananca	per maintenance	nrogram

Water samples taken at the North Portal Intake Tower

Fish screens pulled and cleaned

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

Monthly Dam inspections

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 send report to USBR

Weekly safety meetings

Water mitigation oak trees

Clean drainways at Ortega Reservoir and Carpinteria Reservoir

Carpinteria/Ortega/Lauro weed abatement/spraying

TEN#	<u> </u>
PAGE	

### CACHUMA OPERATION AND MAINTENANCE BOARD

### **MEMORANDUM**

DATE:

January 23, 2011

TO:

Board of Directors

FROM:

Tim Robinson, Sr. Resource Scientist

Bruce Mowry, General Manager

RE:

**December 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 December 2011 that has been broken out by categories.

### Thermograph Network:

This monitoring effort is April through November, hence all units have been picked up for the wet season.

### Lake Cachuma Water Quality Profiles:

Lake profiles are conducted from May through November; no monitoring was done in December.

### **Tributary Project Updates:**

Quiota Creek Crossing 2: This project has been successfully completed. A Notice of Completion was filed with the County on 1/5/12. Staff is wrapping up all reporting requirements for the County, permitting agencies and CDFG grant. The As-Built Drawings have been signed, stamped and delivered to the County. The County has also signed off on the project Encroachment Permit. A financial report for the project is provided in a separate Board memo.

Quiota Creek Crossing 7: Staff is awaiting 100% designs from the project engineer (HDR) that will be submitted to NMFS and the County for their evaluation. Permits are in place for this project. A CDFG grant has been secured for half of the construction cost and staff has submitted two other grants for the second half of the funding. If successful with the pending grants, this project will be constructed in the fall of 2012.

Quiota Creek Crossing 1: Staff is awaiting 95% drawings from the project engineer (HDR) that will be submitted to NMFS and the County for their review. With these drawings in hand, staff will apply for all of the necessary permits as currently we have only applied for a County Encroachment permit. A NOAA American Rivers grant was recently submitted for part of the funding and staff will be submitting a CDFG Restoration grant in March for the rest. If successful in securing grant funding, this project will be constructed in the fall, 2013.

**El Jaro Creek at Cross Creek Ranch:** The final report and CDFG grant reimbursement request for the weir fix were submitted to CDFG in January. The repair cost and the amount of the received grant was \$8,940.

	10 a
PAGE.	entrephen militaristische della metter die zugeschrifte beidet zu zu zwogepein zu den den bekannte in der

### **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	4,436	806
Total:	8,942	4,436	4,506
* Originally was 9,200 and	d as of 2008 it	is 8,942	:
** Values as of 12/31/11			
*** This is not an official a	ccount and is	what remains afte	r subtracting the
other two accounts.			

### Reporting:

Staff submitted to NMFS a summary of take from our trapping program since 2001 with the objective of facilitating a needed discussion with NMFS regarding the Incidental Take Statement (ITS) within the Cachuma Project Biological Opinion. That discussion took place on 1/12/12 and staff is working on the best option for this year's trapping program that will stay within the limits of the ITS and return the most useful data regarding migration trends for anadromous adult and smolt steelhead. Staff has also been working on grant and permit reporting.

### **Outreach and Training:**

Staff gave a summary presentation on 12/28/11 of the Fisheries Monitoring and Restoration Program to the neighbors of Laurel Canyon Road.

### **Consultant Activity Summary (December):**

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

*HDR Fisheries Design Center* (Mike Garello) – Design work for Quiota Creek Crossings in preparation for project permitting, regulatory review and grant proposals.

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

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

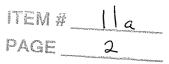
TEV #	
PAGE.	

CACHUMA OPERATION AND MAINTENANCE BOARD											
			R DECEMBER 2011								
LATERAL/	ACRE FEET			ACRE FEET							
STATION NAME	METERED	STATION	NAME	METERED							
CARPINTERIA WATER DISTR	acı		WATER DISTRICT								
Davids Mate	252.26	18+62	G. WEST #1	0.00							
Boundary Meter	253.26	18+62	G. WEST #2	10.50							
Less 2% system losses	(5.07)	78+00 122+20	Corona Del Mar FILTER Plant STOW RANCH	701.83							
	1	122+20	CAMINO REAL (Bishop)	0.00							
			SWP CREDIT	0.00							
			Morehart Land (SWP)	0.00							
	1		Raytheon (SWP)	0.00							
			La Cumbre (SWP)	0.00							
		TOTAL		712.33							
			TO WATER DISTRICT								
		260+79	BARKER PASS	58.93							
		386+65	MWD YARD	41.66							
		487+07	VALLEY CLUB	0.00							
		499+65	E. VALLEY-ROMERO PUMP	50.32							
		599+27 510+95	TORO CANYON ORTEGA CONTROL	3.22							
		510+95	MWD PUMP (SWD)	13.08 12.32							
		526+43	ASEGRA RD	0.01							
		555+80	CO. YARD	0.00							
		583+00	LAMBERT RD	0.14							
			SWP CREDIT	0.00							
			SWP CREDIT - CVWD	0.00							
		TOTAL		179.67							
			ANTA BARBARA	1,7,10,							
		CATER	INFLOW	1,312.04							
		н	SO. FLOW	(530.15)							
		Gibralter	PENSTOCK	(255.99)							
		Sheffield	SHEF.LIFT	85.09							
			STANWOOD MTR TO SCC-credit	0.00							
	i		SWP CREDIT	0.00							
			La Cumbre Mutual (SWP) transfer	(35.00)							
		TOTAL		575.98							
		S. Y. RIVE	R WTR CON DIST., ID#1								
		COUNTY P	ARK, ETC								
		TOTAL		3.14							
<u></u>	[	1	WN OF DELIVERIES BY TYPE:	_							
STATE WTR CRD	0.00		DELIVERED TO LAKE	35.00							
TOTAL Note:	248.19		ER TO SOUTH COAST (from storage) ANCH DIVERSION	0.00							
				0.00							
COMB meter reads were taken on 12/30.	/2011	METERED	DIVERSION	1,719.32							

## CACHUMA OPERATION AND MAINTENANCE BOARD WATER STORAGE REPORT

MONTH: December 2011 **GLEN ANNIE RESERVOIR** 518 Acre Feet Capacity at 385' elevation: 21 Acre Feet Capacity at sill of intake at 334' elevation: 348.00 Feet Stage of Reservoir Elevation 94.74 Acre Feet Water in Storage LAURO RESERVOIR Capacity at 549' elevation: 600 Acre Feet 84.39 Acre Feet Capacity at sill of intake at 512' elevation: Stage of Reservoir Elevation 543.80 Feet 486.58 Acre Feet Water in Storage ORTEGA RESERVOIR 65 Acre Feet Capacity at 460' elevation: 0 Acre Feet Capacity at outlet at elevation 440': 448.30 Feet Stage of Reservoir Elevation 23.68 Acre Feet Water in Storage CARPINTERIA RESERVOIR 45 Acre Feet Capacity at 384' elevation: 0 Acre Feet Capacity at outlet elevation 362': 376.60 Feet Stage of Reservoir Elevation 27.15 Acre Feet Water in Storage TOTAL STORAGE IN RESERVOIRS 537.40 Acre Feet -32.00 Acre Feet Change in Storage CACHUMA RESERVOIR\* 186,636 Acre Feet Capacity at 750' elevation: Capacity at sill of tunnel 660' elevation: 25,668 Acre Feet 745.32 Feet Stage of Reservoir Elevation Water in Storage 173,144 AF 2,830 Area 311.7 AF Evaporation 0 AF Inflow 0 AF Downstream Release WR8918 369.9 AF Fish Release Spill/Seismic Release 0 AF 35.1 AF State Project Water -2.328 AF Change in Storage **Tecolote Diversion** 1,764.5 AF

Rainfall: Month: 0.35 Season: 3.64 Percent of Normal: 62%



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

### 11-12 ENTITLEMENT

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

(All in rounded Acre Feet)

(All in founded Acre Peer)				MONTH		YTD
AND THE RESERVE OF THE PROPERTY OF THE PROPERT				TOTAL		TOTAL
WATER PRODUCTION:						
Cachuma Lake (Tec. Diversion)				1,765		5,834
Tecolote Tunnel Infiltration				24		366
Glen Anne Reservoir				0		0
Cachuma Lake (County Park)				3		14
State Water Diversion Credit	We are a second			35		73
Gibraltar Diversion Credit				0		0
Bishop Ranch Diversion				0		0
Meter Reads				1,719		5,974
So. Coast Storage gain/(loss)				(32)		(73)
Total Production				1,792		6,214
Total Deliveries	20 800 000 00000000			1,722		5,973
Unaccounted-for				69		241
% Unaccounted-for				3.87%		3.88%
	GWD	SB CITY	MWD	CVWD	SYRWCD	TOTAL
WATER USE:	The second state of the se				I.D. #1	
M&I	631	576	149	140	3	1,499
Agricultural	82		31	108		220
BERNANDA KANDAN BERNANDER	F/(12)	57.0	isil	34股	e series	F. 23121719
Same Mo/prev. yr	647	850	93	189	4	1,783
M&I Yr to date	2,066	2,215	513	380	14	5,188
		-,				
Ag. Yr to date	416	0	53	300	0	768
	416 <b>2,481</b>	•	53 566		0 14	5,956
Ag. Yr to date		0		300	0 14 0.5%	5,956
Ag. Yr to date TOTAL YTD	2,481	0 2,215	566	300 <b>680</b>	0 14	
Ag. Yr to date TOTAL YTD USAGE % YTD Previous Year/YTD	2,481 21.1% 2,283	0 2,215 16.1% 2,355	566 14.2%	300 680 14.5%	0 14 0.5%	5,956 16.2%
Ag. Yr to date TOTAL YTD USAGE % YTD Previous Year/YTD Evaporation	2,481 21.1% 2,283	0 2,215 16.1% 2,355	566 14.2% 471	300 680 14.5% 665	0 14 0.5% 17	5,956 16.2% 5,791
Ag. Yr to date TOTAL YTD USAGE % YTD Previous Year/YTD  Evaporation Evaporation, YTD	2,481 21.1% 2,283 2 20	0 2,215 16.1% 2,355	566 14.2% 471 2 13	300 680 14.5% 665 3 19	0 14 0.5% 17 0 0	5,956 16.2% 5,791 16 108
Ag. Yr to date TOTAL YTD USAGE % YTD Previous Year/YTD  Evaporation Evaporation, YTD Entitlement	2,481 21.1% 2,283 2 20 9,322	0 2,215 16.1% 2,355 9 56 8,277	566 14.2% 471 2 13 2,651	300 680 14.5% 665 3 19 2,813	0 14 0.5% 17 0 0 0 2,651	5,956 16.2% 5,791 16 108 25,714
Ag. Yr to date TOTAL YTD USAGE % YTD Previous Year/YTD  Evaporation Evaporation, YTD Entitlement Carryover	2,481 21.1% 2,283 2 20 9,322 2,530	0 2,215 16.1% 2,355 9 56 8,277 5,788	566 14.2% 471 2 13 2,651 1,419	300 680 14.5% 665 3 19	0 14 0.5% 17 0 0	5,956 16.2% 5,791 16 108
Ag. Yr to date TOTAL YTD  USAGE % YTD  Previous Year/YTD  Evaporation Evaporation, YTD  Entitlement Carryover Carryover Balances Spilled YTD	2,481 21.1% 2,283 2 20 9,322	0 2,215 16.1% 2,355 9 56 8,277	566 14.2% 471 2 13 2,651	300 680 14.5% 665 3 19 2,813 1,988	0 14 0.5% 17 0 0 0 2,651 38	5,956 16.2% 5,791 16 108 25,714 11,763
Ag. Yr to date TOTAL YTD  USAGE % YTD  Previous Year/YTD  Evaporation Evaporation, YTD Entitlement Carryover Carryover Balances Spilled YTD Surplus^^	2,481 21.1% 2,283 2 20 9,322 2,530 0	0 2,215 16.1% 2,355 9 56 8,277 5,788 0 0	566 14.2% 471 2 13 2,651 1,419 0	300 680 14.5% 665 3 19 2,813 1,988 0	0 14 0.5% 17 0 0 0 2,651 38 0 0	5,956 16.2% 5,791 16 108 25,714 11,763 0
Ag. Yr to date TOTAL YTD  USAGE % YTD  Previous Year/YTD  Evaporation Evaporation, YTD Entitlement Carryover Carryover Balances Spilled YTD Surplus^^ State Water Exchange^	2,481 21.1% 2,283 2 20 9,322 2,530 0 0 27	0 2,215 16.1% 2,355 9 56 8,277 5,788 0 0	566 14.2% 471 2 13 2,651 1,419 0	300 680 14.5% 665 3 19 2,813 1,988 0	0 14 0.5% 17 0 0 0 2,651 38 0	5,956 16.2% 5,791 16 108 25,714 11,763 0
Ag. Yr to date TOTAL YTD  USAGE % YTD  Previous Year/YTD  Evaporation Evaporation, YTD Entitlement Carryover Carryover Balances Spilled YTD Surplus^^ State Water Exchange^ Transfers*/Adjustment***	2,481 21.1% 2,283 2 20 9,322 2,530 0	0 2,215 16.1% 2,355 9 56 8,277 5,788 0 0	566 14.2% 471 2 13 2,651 1,419 0 0	300 680 14.5% 665 3 19 2,813 1,988 0 0	0 14 0.5% 17 0 0 0 2,651 38 0 0 (78)	5,956 16.2% 5,791 16 108 25,714 11,763 0 0
Ag. Yr to date TOTAL YTD  USAGE % YTD  Previous Year/YTD  Evaporation Evaporation, YTD Entitlement Carryover Carryover Balances Spilled YTD Surplus^^ State Water Exchange^	2,481 21.1% 2,283 2 20 9,322 2,530 0 0 27	0 2,215 16.1% 2,355 9 56 8,277 5,788 0 0 19	566 14.2% 471 2 13 2,651 1,419 0 0 19 0	300 680 14.5% 665 3 19 2,813 1,988 0 0	0 14 0.5% 17 0 0 0 2,651 38 0 0 (78)	5,956 16.2% 5,791 16 108 25,714 11,763 0 0

<sup>\*\*</sup> City is operating under pass through mode declared November 2008.

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

PAGE	3

<sup>^</sup> Per SWP Exchange Agrmt GWD received 0 AF; MWD received 0; City of SB received 0 AF; and CVWD received 0 AF from ID#1 in DECEMBER 2011.

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

Contract Entity:

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

Carpinteria Valley Water District Last updated by C.O.M.B. 12/31/11

(GED	EMENT	Total	*****	0 0								ISIONS Total			» O	0	00	00	00	00	0 0		Tot	2818								
WATER USED CHARGED	TO CURRENT ENTITLEMENT	Acre-leet Agr		0								SCHEDULE AND REVISIONS			×o								AG	18 1800 26 1800								4
WATE	10 01	- & M	1									SCHED	1,01									BEMAINING BALANCES	M&I	1018								4,114
	acito	Allocation	140	68	109							Ą	928									DEMAINING	AG	818	620							TOTAL
RGED	ANCES	A M	121	118	142							ISIONS	1,061										M&I	930 812	670							
WATER USED CHARGED	IO CARRYOVER BALANCES	Total	176	207	251							SCHEDULE AND REVISIONS Total M&I	1,988		0	0	00	00	00	0	00		Total	1747	1288							
WATER	Acre-feet	ACIE-leei Div	086	202	248							SCHEDU																				
		Evap	 	5	3								Begin Bal	ID#1 Ex+5	10#1 Ex+8																	
	ב ה	Total	230	202	248					000	noo		Month	Oct	Nov	Jan	Feb	Apr	May	luc	Aug Sep		Month	Not Not	Dec	Jan	Mar	Apr	Jun	Jul Aug	Sep	
	IOIAL WAIER USED	. 1988	Constant of	87	108			1 1 4 3 122			000					•		- `	_					<b>-</b>		,	_		- ,		,	
	¥ .	M&I	105	118	140					000	noo		Agr	000	0																	
C.O.M.B. 12											-	'ERSIONS CURRENT SCHEDULE	M S S	0 0	0																	
Last updated by C.O.M.B. 12/31/11	Carryover	Previous Year	1988							000	000	CONVERSIONS CURRENT																				
	Schedule		~	) - ) 						0				,00	0																	
	,	Month		Nov	Dec	Jan Feb Mar	Apr May	Jul	Aug	Sep H	018	STORAGE WATER	M & I	0 (	0														o <sup>n</sup> cooperation of		l c	2

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

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

9332 9349 9349 000000000 Total WATER USED CHARGED TO CURRENT ENTITLEMENT 2460 2460 2460 AG 2,460 000 Agr 6,862 10 17 9,377 SCHEDULES AND REVISIONS REMAINING BALANCES 525 388 27 201 137 82 Agr TOTAL Allocation 979 353 0 825 626 632 M & M&I WATER USED CHARGED TO CARRYOVER BALANCES 1505 742 28 1,025 762 714 000000000 Total Total Total 101 Acre-feet ID#1 Ex+10 ID#1 Ex+17 Begin Bal 2,481 Total Month Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Month Oct Nov Dec Jan Feb Mar Apr May Jun Jul Sep TOTAL WATER USED 198 136 82 Acre-feet Agr A 0000 2,066 813 622 631 M & I Goleta Water District Last updated by C.O.M.B. 12/31/11 M & I CONVERSIONS CURRENT SCHEDULE 2530 Carryover Previous Year 2530 Approved Schedule Current Year 9322 STORAGE WATER Contract Entity: M & I ITEW# lla Oct Nov Nov Dec Jan Mar Apr May Jun Jun Sep PAGE CONTRACTOR 5

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

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

Total Total WATER USED CHARGED TO CURRENT ENTITLEMENT 265 265 265 000 Acre-feet Agr Agr 2393 2405 2405 SCHEDULE AND REVISIONS
Agr M & I 000 REMAINING BALANCES S S S જ ∑ 1000 3 7 7 Agr Allocation 1128 1012 840 259 116 151 --⊗ ⊠ ~ ⊗ ∑ WATER USED CHARGED TO CARRYOVER BALANCES 1149 1022 840 0000000000 270 127 182 Total Total 262 124 180 Acre-feet Div **80 60 63** Begin Bal ID#1 Ex+7 ID#1 Ex+12 Evap 262 124 180 566 total TOTAL WATER USED Month Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Month Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep E E 8 53 Acre-feet Agr 251 113 149 Ago 00 M&I Montecito Water District Last updated by C.O.M.B. 12/31/11 -⊗ ∑ CONVERSIONS CURRENT SCHEDULE 1419 1419 Previous Year Carryover Agr 0 0 12 Approved Schedule Current Year 2651 2651 STORAGE WATER Contract Entity: ITEN # Oct Nov Nov Dec Jan Apr Apr May Jun Jul Sep PAGE

3,510

TOTAL

lla

2658 2670 2670

~ 40000000000

000

SUMMARY OF WATER USED

Contract Entity:

CACHUMA PROJECT - CONTRACT #175R-1802

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

Total 8284 8296 8296 400000000 000 Total WATER USE CHARGED
TO CURRENT ENTITLEMENT 000 000 Acre-feet Ag 8284 8296 8296 SCHEDULE AND REVISIONS 000 REMAINING BALANCES -⊗ --Ν <u>8</u>8 000 000 Allocation 4902 4102 3517 886 800 585 . ≅ E M& M&I WATER USE CHARGED
TO CARRYOVER BALANCES 4902 4101 3517 0000000000 886 800 585 Total Total Total 853 786 576 Acre-feet Div 8 <del>4</del> 0 Begin Bal ID#1 Ex+7 ID#1 Ex+12 853 786 576 2.215 total Month Oct Nov Dec Jan Mar Apr May Jun Jul Aug Sep Month Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep TOTAL WATER USED 000000000 Acre-feet 853 786 576 2,215 9000 N & I City of Santa Barbara Last updated by C.O.M.B. 12/31/11 -⊗ ⊠ CONVERSIONS CURRENT SCHEDULE 5788 5788 Previous Year Carryover Agr 0000 Approved Schedule Current Year 8277 8277 STORAGE WATER M 8 I 000 lla Month

Total

Oct Nov Dec Jan Mar Apr May Jun Jul Sep

11,813

TOTAL

PAGE

SUMMARY OF WATER USED

CACHUMA PROJECT - CONTRACT #175R-1802

Contract Entity:

Santa Ynez River Water Conservation District, ID#1 Last updated by C.O.M.B. 12/31/11

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

TOTAL

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

31,411

TOTAL

						)		.	0000	(m)	(=0.11.0.0000000000000000000000000000000							,				
	DELVRD		SVWD [	Delvd Ti	ransf De	VM byle	Delvd CVWD Delvd Transf Delvd MWD Evap/	Delvd	Delvd S.B.	S.B. Delvd		Delvd GWD De	Delvd' De	Delvd LCMWC	WC.	Delvd	Delvd RSYS Delvd	RSYS DO	1000	Delvd M	MLC Delvd	3
MONTH	TOLAKE	to Lake	Stored	to SC to	to Lake Stored to SC to MW to Lake Stored	Lake Sto	ored Spill	l to SC		to Lake Stored to SC		to Lake Stored to SC		ake Stored	to Lake Stored Evap/Spill	to SC	to Lake Stored to SC	Stored to	90 mm	to Lake Sto	Stored to :	to SC
2010		79%													- 18 A							
Bal. Frwd		0	0	0	ara kraja	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	37 28	0	6	0	0	0	0	0	0
February	25	0	0	0	CONTRACTOR OF THE PARTY OF THE	0	0	0	0	0	0	0	0	25 -10	<u>د</u>	35	0	0	0	0	0	0
March	34	0	0	0	<b>W</b>	0	0	0	0	0	0	0	0	34 -18	0	52	0	0	0	0	0	0
April	57	0	0	0		0	0	0	0	0	0	0	0	27	0	25	0	0	0	0	0	0
May	59	0	0	0		0	0	0	0	0	0	0	0	29	0	92	0	0	0	0	0	0
June	121	0	0	0		0	0	<del>-</del>	0	0	0	0	0	121	0	121	0	0	0	0	0	0
July	354	0	0	0	-	76	0	0 76	0	0	0	0	0	250 89	0	161	28	0	28	0	ō	0
August	486	0	0	0		296	0	0 296	0	0	0	0	0	190 20	0	170	0	0	0	0	0	0
September	298	0	0	0	acumer	128	0	0 128	0	0	0	0	0	170 38	0	132	0	0	0	0	0	0
October	133	0	0	0		0	0	0	0	0	0	0	0	133 58	<u>.</u>	75	0	0	0	0	0	0
November	124	0	0	0		0	0		0	0 -	0	0	0	124 75	<u>)</u>	49	ō	0	0	0	0	0
December	90	0	0	0		0	0	0	0	0	0	0	0	60 29	0	31	0	0	0	0	0	0
Total	1788	0	0	0	0	200	0	0 500	0 0	0	0 0	0	0	1260 309	0	951	28	0	28	0	0	0
			-	-				-	-	The same of the sa												

													-			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		A SECTION OF THE PARTY OF THE P	
	DELVRD Delvd CVWD Delvd Transf Delvd MWD Evap//	Delvd	CVWD	Delvd Ti	ansf De	alvd MWE	. Evap/	Delvd	Delvd S.B.	Delvd	Delvd GWD	/D Delvd		Delvd LCMWC		Delvd Delvd	d RSYS Delvd	Delvd	Delvd MLC	MLC Delvd
MONTH	TO LAKE to Lake Stored to SC to MW to Lake Stored	to Lake	Stored	to SC tc	MW to L	ake Store	ed Spill	to SC t	to Lake Stored to SC		to Lake Sto	Stored to SC	to Lake	Stored Evap/Spi	=	to SC to Le	to Lake Stored	to SC	to Lake Stored	d to SC
2011							#1.00			Sec.		N II S	- 17 APP - 17		*********					an sin
Bal. Frwd		o	0	0		0	0	0	0	0	<del>-</del>	0	0	0	0	0	0	0	0	0
January	509	0	0	0		382 27	)	105	0	0	0	0	0 127	0	0	127	0	0	0	0
February	227	0	0	0		118	2	0 113	0	0	<del>-</del> 0	0	0 109	0	0	109	0	0	0	0
March	ō	o	0	0		0	0	0	0	0	0	0	0	0	0	52	0	0	0	0
April	ō	o	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	o	0	0	0	unovos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	94	ō	0	0		0	0	0	0	0	0	0	0 50	0	0	20	44	44	0	0
July	ō	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	Б	0 80	0	0	80	0	0	0	0
September	30	o	0	0		0	0	0	0	0	0	0	0 30	17	0	13	0	0	0	0
October	ō	0	0	0		0	0	0	0	0	0	0	0	-15	0	15	0	0	0	0
November	38	0	0	0	<del>, i- t</del>	0	0	0	0	0	0	0	0 38	Ç	0	40	0	0	0	0
December	35	0	0	0		0	0	0 0	0	0	0	0	0 35	0	0	35	0	0	0	0
Total	1013	0	0	0	0	500 282		0 218	0	0	0	0	0 469	0	0	521	44 0	4		0

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

**JANUARY 2012** 

## LAKE CACHUMA DAILY OPERATIONS

RUN DATE: January 18, 2012

DAY	ELEV	STOR		COMPUTED*	CCWA INFLOW	PRECIP ON RES. SURF.		RELEA	SE - AF.		E\ AF.	/AP INCH	PRECIP INCHES
		IN LAKE			AF.	AF.	TUNNEL		OUTLET	SPILLWAY	Ar.	INCII	INOTILO
	745.32	173,144											
1	745.29	173,059	-85	25.0	0.0	.0	87.2	11.9	.0	.0	10.9	.071	.00
2	745.26	172,974	-85	-4.7	0.0	.0	54.3	11.9	.0	.0	14.1	.092	.00
3	745.24	172,917	-57	31.6	0.0	.0	63.6	11.8	.0	.0	13.2	.086	.00
4	745.22	172,861	-56	36.3	0.0	.0	69.1	11.9	.0	.0	11.3	.074	.00
5	745.19	172,776	-85	17.9	0.0	.0	80.1	11.9	.0	.0	10.9	.071	.00
6	745.15	172,662	-114	-3.8	0.0	.0	83.8	11.7	.0	.0	14.7	.096	.00
7	745.11	172,549	-113	-2.0	0.0	.0	94.6	11.7	.0	.0	4.7	.031	.00
8	745.08	172,464	-85	32.9	0.0	.0	91.8	11.7	.0	.0	14.4	.094	.00
9	745.04	172,350	-114	-11.6	0.0	.0	74.6	11.6	.0	.0	16.2	.106	.00
10	745.00	172,237	-113	-3.8	0.0	.0	82.0	11.6	.0	.0	15.6	.102	.00
11	744.98	172,181	-56	52.1	0.0	.0	84.7	11.6	.0	.0	11.8	.077	.00
12	744.94	172,069	-112	-7.4	0.0	.0	82.9	11.6	.0	.0	10.1	.066	.00
13	744.90	171,956	-113	4.7	0.0	.0	90.3	11.5	.0	.0	15.9	.104	.00
14	744.86	171,844	-112	2.8	0.0	.0	89.0	11.5	.0	.0	14.3	.094	.00
15	744.82	171,732	-112	13.4	0.0	.0	98.2	11.5	.0	.0	15.7	.103	.00
16	744.78	171,619	-113	-18.0	0.0	.0	76.7	11.4	.0	.0	6.9	.045	.00
17	744.75	171,535	-84	25.8	0.0	.0	83.8	11.5	.0	.0	14.5	.095	.00
18	744.71	171,423	-112	-8.8	0.0	.0	80.7	11.4	.0	.0	11.1	.073	.00
TOTA	L (AF) (AVG)	172.289	-1,721	182.4	0.0	.0	1,467.4	209.7	.0	.0	226.3	1.480	.00

COMMENTS:

INFLOW.
DATA BASED ON 24-HOUR PERIOD ENDING 0800.
INDICATED OUTLETS RELEASE INCLUDE ANY LEAKAGE AROUND GATES.

<sup>\*</sup> COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION MINUS PRECIP ON THE RESERVOIR SURFACE AND CCWA

## CACHUMA OPERATION & MAINTENANCE BOARD

#### **BOARD MEMORANDUM**

Date:

January 23, 2012

Submitted by:

Janet Gingras

Approved by:

Bruce Mowry

SUBJECT:

Update on Policy Manual Development

## **SUMMARY:**

Staff has completed the draft Board Policy as the first section of the Policy Manual. This draft is currently being reviewed by legal counsel and subsequently will be presented to the Administration Committee for review and concurrence at the next committee meeting. After committee review, the draft Board policy will be presented to the Board for recommended approval.

The remaining sections of the Policy Manual continue to be developed and reviewed by staff. As presented to the Board in a prior memo, sections of the comprehensive manual will include:

- Board Policy
- Administrative Policy
- Operations Division Policy
- Fisheries Division Policy
- Environmental Regulatory Policy
- Emergency Action Policy

This document is a work in process and will continue to be developed and modified as needed through the next several months. Staff will keep the Board informed of progress as we complete each section of the manual.

#### FISCAL IMPACTS:

N/A

## **LEGAL CONCURRENCE:**

Under review.

## **ENVIRONMENTAL COMPLIANCE:**

N/A

ITEN#	Memorykowania kilokoficio kilo
DAGE	1

# **COMMITTEE STATUS:**

Draft Board Policy will be presented to the Administrative Committee in February 2012.

# **RECOMMENDATION:**

None at this time – for information only.

# **LIST OF EXHIBITS:**

None at this time.

## CACHUMA OPERATION & MAINTENANCE BOARD

## **BOARD MEMORANDUM**

Date:	January 23, 3012
Submitted by:	Megan Emami
Approved by:	Bruce Mowry

SUBJECT:

COMB Strategic and Work Plan

#### **SUMMARY:**

Strategic Plan

Santa Barbara County is dependent on COMB for water. If COMB's services were to shut down the County would be devastated. It is necessary that we have a plan in place whether it is for potential emergency situations or projects that will ensure the reliability of our system. There are many projects that need to be analyzed including; Air Valve/Blow Off rehab in the Lower Reach, line valve installations, continuation of the MURRP, installing butterfly valves in valve pits, meter upgrades, slip lining of the pipe, on hand emergency supply of pipeline, restoration of the Tecolote Tunnel, SCADA upgrades, tree removal project along the SCC, R/W management, and many more. Analysis of these projects will involve planning and close communication with our member agencies. The strategic plan will clearly define our vision, mission, goals, objectives, and a strategy to achieve our goals and objectives. By creating a strategic plan we will know where we are right now, where we want to be, when we will get there, and have developed a system to measure our progress toward these goals. Each decision that is made will affect any future decisions and processes. By creating a plan, the value of the result of a decision now is reliant on other decisions; small steps will be taken looking at where we want to end up when making decisions. The strategic plan will directly account for actions, outcomes, intentions, and uncertainty; reaction based planning will no longer occur. COMB will begin with creating a vision, mission, and values. Once those are in place; goals, objectives, and a strategy for achieving them will be created for each division. COMB will need to complete a thorough assessment and develop a consensus of what path we should be taking. Through planning, strategizing, and communication with our member agencies we will develop a written plan of showing COMB's background, where we are now, where we are heading, and how we will get there.

#### **Capital Improvement Plan**

The Capital Improvement Plan/Fish Management Plan will identify a list of major projects that need to be performed. The projects will be ranked in order of importance. Each project will have a plan of what materials and equipment will be needed as well as determining the financing for the projects. A timetable for the construction as well as when the project shall occur will be produced. Justification for each project will be included in the plan. Communication and coordination with member agencies will occur to prioritze projects, determine whether needed equipment or materials may be borrowed, and scheduling with shutdowns or other projects that may be taking place.

#### Work Plan

The work plan will be a planning and management tool that provides the framework for what tasks are performed each day. The Operations and Fisheries Division have a plethora of tasks to complete each month as well as projects that need to be completed. Creating a work plan will create a visual picture and organization of everything that needs to be completed. This way everything that needs to be completed within the year will be scheduled and they can be checked off and recorded as completed. If a project

arises that does not allow for the daily tasks to be completed, the tasks may easily be reorganized. This plan will assure that tasks that need to be completed are not forgotten when something else comes up. Reporting of tasks will be formatted so we can see where time and money is spent and allow for better planning.

#### **Budget Document**

Adoption of the budget is one of the most important aspects taken by the Board of Directors. The budget is the Agency's financial work plan, translated in expenditures, supported by revenues. It establishes the Agency's direction for the near term, and to the extent the decisions have continuing implications, it establishes long term direction as well. The Budget is a projection of revenues and expenditures needed for operations, maintenance, administration, and capital improvements associated with providing an essential water supply to our Member Units. Exhibit 2 is an outline of the Budget schedule process which will take place for the development of the Fiscal Year 2012–13 Budget.

### **FISCAL IMPACTS:**

N/A or dollar amount impact and budget line item affected

### **LEGAL CONCURRENCE:**

N/A or date of legal review

## **ENVIRONMENTAL COMPLIANCE:**

N/A or designated permit status with dates and type

#### **COMMITTEE STATUS:**

N/A or name, date and outcome of committee review

#### **RECOMMENDATION:**

The recommendation is to be stated as the motion. If a roll call vote is necessary, please indicate.

## **LIST OF EXHIBITS:**

- 1. Planning Flow Chart
- 2. Budget Schedule
- 3. Draft List for Operations Work Plan

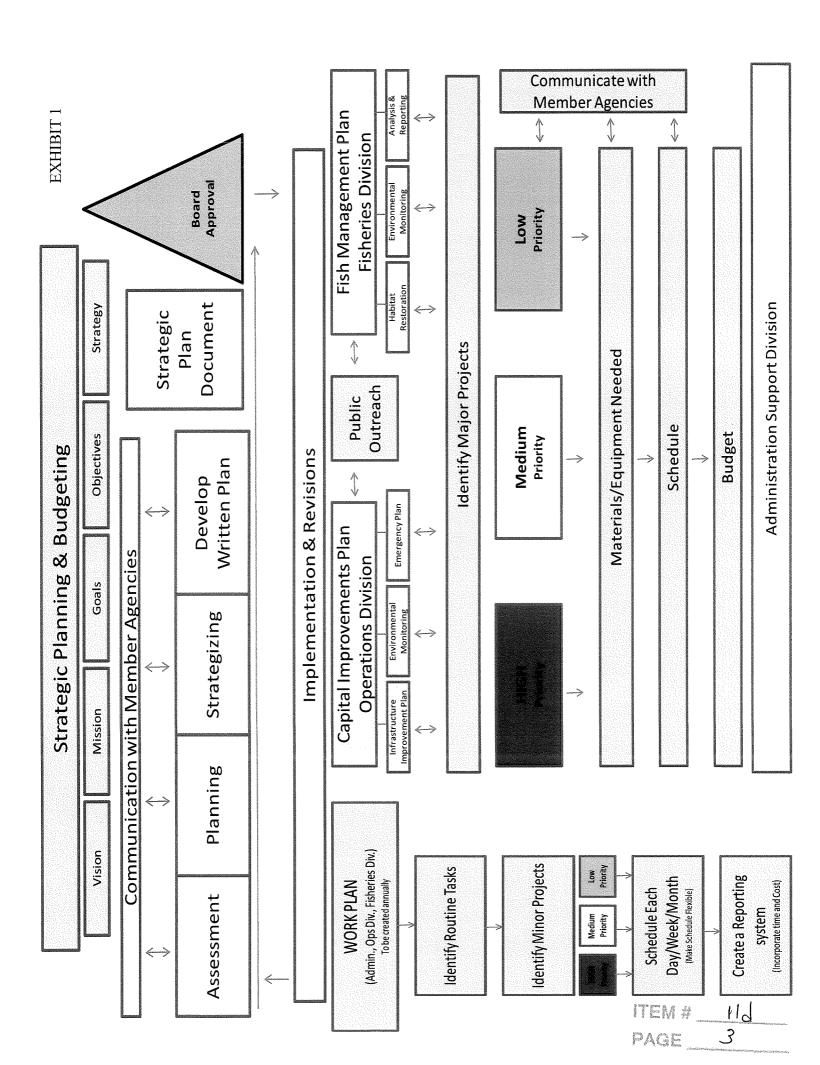


Exhibit 2
Cachuma Operation & Maintenance Board

FY 2012-13 Budget Process	February	March	April	May	June
M.U. General Manager's Identify priority projects/direction	×				
Board of Directors comment on direction	x				
Budget worksheets distributed to Division Managers (including recommended direction)		X			
Division Managers submit budget requests to Administrative Manager			Х		
General Manager reviews requests / Draft Budget document produced			х		
General Manager submits Draft Budget document to Administrative Committee for review				х	
General Manager presents Draft Budget to Board				х	
Update Draft Budget with comments and changes from the Board - prepare Final Budget					Х
Board Approves Final Budget					х

EXHIBIT 3
*Additional Tasks continue to be identified
<u>Daily</u>
Make operational changes
Put up Flag
Check all USA's
On call Operations (flow change, measurements)
Keep record of duties completed
Weekly
Visit Dams
Safety meeting
Inspection of COMB properties and right of ways (i.e. weeds, culverts in winter)
Building maintenance and clean-up shop and trucks
Weekly reports
Maintenance management program
Record Rectifier data
Read anodes at Lauro Control.
Check Rodent bait in all dam site traps
Trash
<u>Monthly</u>
North portal meters flushed and serviced
Lauro Reservoir venturi meters flushed
Sheffield Control venturi meters flushed
Ortega reservoir venturi meters flushed except water for return flow to Montecito
Meters at Carpinteria Control station flushed

Flush and service venture meters at Tecolote Tunnel (North Portal), Glen Anne Turnout, Goleta West, and Sheffield Control Station

Meter Day: Read meters, take piezometer readings, under drain readings

Collect water samples take to city lab

Weed abatement (spraying, mowing) more often when needed

Property/right of way landscaping

Truck/heavy equipment servicing

Inventories (materials for projects)

Reports (pesticide usage, all meter data to Janet)

Planning/reporting

Republic elevator inspection of N.P. Elevator

Structure Maintenance (pumping, pest control)

Run generators at North Portal, Lauro Yard

Transmit reservoir levels and meter readings to regional office

Obtain seepage data and transmit to Denver office

Reservoir Storage recorded on Water Storage Report

Intake tower slide gates exercised

Fish screens cleaned

North Portal lube jet flow valve and bldg blower

North portal 30 in gate valve exercised

North portal jet flow valve exercised

Inspect Glen Anne dam abutments, embankment, and visible portion of foundation

Ortega dam inspect embankment, reservoir lining, and visible portion of foundation

Inspect Carpinteria dam

Glen Anne dam Measure and record values for seepage

Lauro dam flow measures, seepage, and peizometer readings

PAGE CONTRACTOR CONTRA

Ortega dam record and measure water levels and flow

Carpinteria dam measure and record flow

Inspect Lauro Dam

Gate Chamber Exhaust fan and motor at Tecolote Tunnel lubricated

14" pressure release valve Ross Valve Manufacturing Co. remove top cap of main valve remove stem for inspection and clean valve of any sediment

### Semi Annual

Service stand-by generators N/P and Lauro yard

Exercise and test slide gates at Tecolote Tower

Semi-annually- hoist bearings, and gears lubricated with good grade pressure grease, stem threads lubricated with oil approximately SAE 60 weight

#### **Annually**

Exercising (valves, air vents, blow-offs, slide gates

Inspection of all structures and appurtances associated with the south coast conduit

Reservoir Cleaning

Building Maintenance/Clean-up (major)

Inventories (Tools, equipment, hardware)

Fire Extinguisher Recharge

State Inspection of NP Elevator (fall)

Annual Hoist and Crane Inspection

Review and revise security plan

Survey cathodic protection systems including rectifier, measurement of structure to soil potentials, and adjustment of tap setting on rectifier

Guides for gate lifting stems cleaned and lubricated with dry graphite compound

North Portal valves on bypass system exercised

Glen Anne dam valve exercised, lubricated, and tested, Glen Anne dam removal of rocks from chute and basin and before release of water

Lauro reservoir all gate valves exercised

Sheffield Control- all gate valves exercised annually, butterfly controls greased

Ortega reservoir valves exercised

Ortega reservoir butterfly controls greased, valve pit No. 1- inspected so plug drain can be exercised

Ortega reservoir- winter/early spring clean and disinfect

Carpinteria Reservoir gate valves exercised

Carpinteria Mag Meter cleaned

Periodic- valve pit No. 3&4 at Carpinteria routine inspection so 4" plug drain valves can be exercised

Inspect all bronze surfaces for scaling and remove and lubricate sliding surface of leaf gate Enpro 30" Jet flow gate valve at Tecolote Tunnel

14" pressure release valve remove top cap of main valve withdraw stem for inspection and clean valve of sediment, if leaking light coat of Vaseline or engine oil on bronze pieces and remove valve cover and clean pistons

30" ENPRO jet flow gate valve all finished bronze surfaces should be inspected for scaling and removed. Lubricate sliding surface of leaf gate assembly periodically

Lubricate hoist bearings and gears for Tecolote Tunnel slide gates fish screens

Exercise and test valves at Lauro, Sheffield, Ortega, and Carpinteria Control Stations

Grease Controls for butterfly valves at Sheffield and Ortega Control Stations

Inspect and remove rocks from stilling basin, chute, and intake structure to spillways at all reservoirs

**Review SOP** 

Survey Lauro cathodic protection system and forward report to USBR Regional Office

Exercise, lubricate, and test valves at Glen Anne Turnout and Dam

Clean mag meter at Carpinteria Control Station

#### Other

Quarterly- submit Rectifier data Report to corrosion electric

Quarterly- exercise 30 inch gate valve and the 30 inch jet flow valve at the North Portal of Tecolote Tunnel

Quarterly- calibrate mag meters at Carpinteria Control Station Quarterly- transmit lauro anode reads to cathodic protection contractor Quarterly- exercise and test emergency shut-off valve at Lauro Dam Quarterly-Instrumentation calibration checks 18 Months Tecolote Tunnel Regulating Jet flow Inspect lubrication and lubricate Zerk fittings 36 months inspect and lubricate geared limit switch 2-5yrs intervals inspect coatings on wood, masonry, or metalwork 3 years Comprehensive Facility Review (USBR) 3yrs inspect thin film coatings 3yr- Inspect/repair canal groove sealers, concrete epoxy repair, dam proofers, roofing 4 times a year- transmitters at Carpinteria reservoir calibrated 5yrs- inspect thick film coatings 5yrs- inspect cement mortar 6yrs tunnel exam 10yrs repaint thin coat topcoat 10 yrs-permanent repair of temporary repair areas Every 18 months at Tecolote Tunnel the Limitorque type SMC-00 through SMC-2 Main Gear Case Inspected and lubricated and same for the Zerk Fittings Every 36 Months Inspect and lubricate geared limit switch Periodically/after heavy rains- south portal covers to entrance inspected Periodically- flush tunnel Regularly- Lauro Reservoir 36" butterfly valve greased Periodically- Sheffield control station inspection and servicing of valves, water registers, and associated equipment Periodically-Ortega Reservoir Inspection of valves, venturi tubes, meter registers Periodically inspect Carpinteria sleeve type couplings for leakage, and gland follower ring bolts tightened

I be well a superior of the su

When necessary- replace rubber gaskets

Periodically at Carpinteria painting inspection/maintenance on connecting piping, flanged jobs, couplings, and supports. Inspect gate valve, auto check, rate of flow control, air inflex, air release valve,