

Board Meeting Agenda

Russ Baggerly, Director
Mary Bergen, Director
Bill Hicks, Director

Pete Kaiser, Director
James Word, Director

CASITAS MUNICIPAL WATER DISTRICT
May 23, 2012
3:00 P.M. – DISTRICT OFFICE

Right to be heard: Members of the public have a right to address the Board directly on any item of interest to the public which is within the subject matter jurisdiction of the Board. The request to be heard should be made immediately before the Board's consideration of the item. No action shall be taken on any item not appearing on the agenda unless the action is otherwise authorized by subdivision (b) of ¶54954.2 of the Government Code and except that members of a legislative body or its staff may briefly respond to statements made or questions posed by persons exercising their public testimony rights under section 54954.3 of the Government Code.

1. Public Comments
2. General Manager comments.
3. Board of Director comments.
4. Consent Agenda
 - a. Minutes of the May 7, 2012 Board Meeting.
 - b. Resolution requesting that the General District Election to be held on November 6, 2012 be consolidated with other elections called to be held on the same day and in the same territory.

RECOMMENDED ACTION: Adopt Consent Agenda

5. Bills
6. Committee/Manager Reports
 - a. Recreation Committee Minutes
7. Presentation of the Hydrology Report

8. Recommend granting a temporary easement to the Ventura County Watershed Protection District for the purpose of treatment/removal of non-native plants within Casitas' property in the Ventura River.

RECOMMENDED ACTION: Motion approving recommendation

9. Recommend authorization of Change Order No. 1 in the amount of \$29,993.55 for the Rincon 2(M) Pipeline Replacement, Station 65-76, Specification 11-346.

RECOMMENDED ACTION: Motion approving recommendation

10. Information Items:

- a. 2012 ACWA Spring Conference report from Director Word.
- b. 2012 ACWA Spring Conference report from Director Hicks.
- c. 2012 ACWA Spring Conference report from Director Baggerly.
- d. News Articles.

11. Closed Session

- a. (Govt. Code Sec. 54956.9 (c))
Conference with Legal Counsel – Anticipated Litigation (One case).

12. Adjournment

If you require special accommodations for attendance at or participation in this meeting, please notify our office 24 hours in advance at (805) 649-2251, ext.

113. (Govt. Code Section 54954.1 and 54954.2(a).

Minutes of the Casitas Municipal Water District
Board Meeting Held
May 7, 2012

A meeting of the Board of Directors was held May 7, 2012 at Casitas' Office, Oak View, California. Directors Baggerly, Word, Hicks, Bergen and Kaiser were present. Also present were Steve Wickstrum, General Manager, Rebekah Vieira, Clerk of the Board, and Attorney, John Mathews. There were four staff members and two members of the public in attendance. President Baggerly led the group in the flag salute.

1. Public Comments

None

2. General Manager comments.

Mr. Wickstrum mentioned Ethics Training being held on Monday, June 25th at 6:00 p.m. Let us know if you want to be registered for this training. You can also attend Ethics training at the ACWA Conference.

3. Board of Director comments.

None

4. Consent Agenda

ADOPTED

- a. Minutes of the April 23, 2012 Board Meeting.
- b. Recommend approval of a purchase order in the amount of \$20,270.25, which will be reimbursed by the Bureau of Reclamation, for the purchase of a Kubota Tractor Mower.

On the motion of Director Kaiser, seconded by Director Hicks and passed, the Consent Agenda was adopted.

5. Bills

APPROVED

Director Word questioned #11674 for a router. Park Services Manager Belser replied it is for about eight items including scanners and the router for the park to scan tickets. Director Word then asked about #11740 deferred comp flat fee. Ms. Vieira explained this is a flat dollar amount that employees have elected to contribute to the Nationwide Deferred Compensation plan as opposed to a percentage of pay.

Director Hicks asked about the credit cards at the District. Mr. Wickstrum explained there are two credit cards, one for me and one for Rebekah who receives requests from staff to purchase items.

Director Bergen questioned #11721 for inflatable tubes. Mr. Wickstrum explained this is a regular purchase to replace the float tubes for the Lazy River.

Director Kaiser questioned #11666 to AT&T. It looks like we pay on average about \$1,600 a month and how often do we check vendors? Ms. Collin responded that we just reviewed it and a lot of the charges are for internet service and our increased bandwidth.

On the motion of Director Word, seconded by Director Hicks and passed, the bills were approved.

6. Committee/Manager Reports APPROVED FOR FILING
a. Finance Committee Minutes

On the motion of Director Hicks, seconded by Director Kaiser and passed, the Committee/Manager Reports were approved for filing.

7. Resolution authorizing the execution of a five year agreement with Ojai Rotary-West for the Ojai Wine Festival. ADOPTED

The resolution was offered by Director Kaiser, seconded by Director Bergen and adopted by the following roll call vote:

AYES:	Directors:	Kaiser, Bergen, Hicks, Word, Baggerly
NOES:	Directors:	None
ABSENT:	Directors:	None

Resolution is numbered 12-18.

8. Resolution awarding a contract to Industrial Coating and Restoration Services in the amount of \$147,730 for the recoating of Casitas Dam intake track, work platforms and control house exterior metal work. ADOPTED

The resolution was offered by Director Word, seconded by Director Hicks and adopted by the following roll call vote:

AYES:	Directors:	Kaiser, Bergen, Hicks, Word, Baggerly
NOES:	Directors:	None
ABSENT:	Directors:	None

Resolution is numbered 12-19.

9. Ventura Local Agency Formation Commission Call for Nominations for Special District Alternate Member. No Action Taken
10. Budget Workshop

a. Review and discussion of the proposed Fiscal Year 2012-2013 Budget.

A budget review was held by the board with discussion including the need for a change in rates. While originally it was expected to have a 6% in commodity and 6% in service charges it is now proposed to be 3% this year and 3% next year with a 6% on service charge. The Safety of Dams payment is about \$3 million and would be paid over 25 years. The remaining M & I portion also needs to be paid. The sample Prop 218 hearing notice was provided to the Board. President Baggerly asked about the percentage for salary adjustments and Mr. Wickstrum explained that 4% was the maximum amount and those adjustments are tied to the April to April CPI numbers which are published in the middle of May.

Mr. Wickstrum explained the need for two additional carry over projects. Avenue 1 and 2 transformers need to be carried over due to delays from Edison and our desire not to shut those down during our peak season. We will also carry over one vehicle purchase that we didn't buy this year. It is too late to buy it and get it here this fiscal year. Director Hicks asked how many vehicles we have without AC. Mr. Wickstrum explained there are three in use by full time employees and more in use by part time employees at the park.

Director Bergen explained that the 6% increase is to cover the SOD payment while the 3% this year and 3% next year is for general inflation and the fact water sales are down.

Mr. Wickstrum informed the board that we have made changes to the budget that result in a half million dollars in savings from where the departments started initially in January.

Director Hicks asked how fast will we do campground B? Mr. Wickstrum explained it is not a fast project. It will take design work and review and conduits may need to be redone for 50 amps. Director Kaiser asked if efficiencies to the HVAC and lighting are reflected in the budget. Mr. Wickstrum replied they are not reflected in this budget but you may see a reduced number in purchased electricity after the changes are implemented.

President Baggerly asked if we are getting \$200,000 from the Bureau for the entrance gate. Ms. Belser stated we are planning on it with the matching money. The Bureau has applied for stimulus funds for the project. Concerns regarding the design were discussed briefly and will be discussed further at the Recreation Committee. One concern was having more space for boat inspections and traffic design flow for the entrance and exit.

Bert Rapp, representing Ventura River County Water District expressed a concern on rate structure. I would like you to look at resale rate in pumped zone. The resale rate is 70% higher than tier one residential rate in the same zone. It is higher than tier two. We take your water at \$1.40 and the next door neighbor

on your system is paying \$.83. Look at cost of service what does it cost you to deliver to one home versus delivery to us. I don't understand why serving water out of 4 inch or 6 inch costs more. Our district maintains the small pipes. Comparing your system we ask you to look at getting the prices to reflect cost of service. Have a resale rate more reflective of your retail rate and be reflective of service.

Mr. Wickstrum added there are meter charges and there is a bit of difference. We charge \$348 for 4 inch meter. For one area with 72 houses this relates to \$4.10 per meter. The customer on Casitas' side pays \$22 per month. Other things that go into the rate. We did that with the Raftelis study. We found at the time that our Residential customers were carrying a burden. There are some things you have to look at on what people are paying for water.

- b. Resolution setting the public hearing on the budget for June 27, 2012.

The resolution was offered by Director Word, seconded by Director Bergen and adopted by the following roll call vote:

AYES:	Directors:	Kaiser, Bergen, Hicks, Word, Baggerly
NOES:	Directors:	None
ABSENT:	Directors:	None

Resolution is numbered 12-20.

- c. Resolution setting the protest hearing for water rate adoption on June 27, 2012.

The resolution was offered by Director Bergen, seconded by Director Word and adopted by the following roll call vote:

AYES:	Directors:	Kaiser, Bergen, Hicks, Word, Baggerly
NOES:	Directors:	None
ABSENT:	Directors:	None

Resolution is numbered 12-21.

11. Information Items:

- a. Monthly Cost Analysis for operation of Robles, fisheries and fish passage.
- b. Lake Casitas Recreation Area Report for March, 2012.
- c. News Articles.
- d. Investment Report.

President Baggerly moved the meeting to closed session at 3:44 p.m.

12. Closed Session

- a. (Govt. Code Sec. 54956.9 (a))
Conference with Legal Counsel – Existing Litigation
Name of Case: Stanley Revell vs. Roger Herbison, Lake Casitas
Marina, Inc, and Casitas Municipal Water District
Case No. 56-2012-00415946-CU-PO-VTA
- b. (Govt. Code Sec. 54956.9 (c))
Conference with Legal Counsel – Anticipated Litigation (One case).

President Baggerly moved the meeting back to open session at 4:19 p.m. and stated there was nothing to report and no action was taken in closed session.

13. Adjournment

President Baggerly adjourned the meeting at 4:19 p.m.

Bill Hicks, Secretary

CASITAS MUNICIPAL WATER DISTRICT

RESOLUTION REQUESTING THAT THE GENERAL DISTRICT ELECTION TO BE HELD ON NOVEMBER 6, 2012, BE CONSOLIDATED WITH OTHER ELECTIONS CALLED TO BE HELD ON THE SAME DAY AND IN THE SAME TERRITORY

WHEREAS, an election shall be conducted for the Casitas Municipal Water District pursuant to the Uniform District Election Law commencing with Section 10500 of the Elections Code on November 6, 2012, for the purpose of electing Directors; and

WHEREAS, the Board of Directors wishes the Elections Division of the Office of the county Clerk to conduct said election; and

WHEREAS, pursuant to Section 10400 et seq. of the Elections code, said elections may be consolidated with other elections to be held on the same day; and

WHEREAS, the Board of Directors request that this District's General Elections be consolidated with any other election which may be held on the same date and involving the same territory.

NOW THEREFORE, BE IT RESOLVED by the Board of Directors of Casitas Municipal Water District that the general District Election of this District is to be held on November 6, 2012, and consolidated with any other elections held on the same date and involving all or a portion of the territory of the District pursuant to Section 10400 et seq. of the Elections Code; and

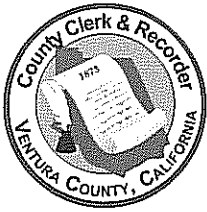
That, pursuant to Election Code Section 10002, the District shall reimburse the County in full for the services performed upon presentation of a bill from the County to the District.

ADOPTED this 23rd day of May, 2012

President,
Casitas Municipal Water District

ATTEST:

Secretary,
Casitas Municipal Water District



County of Ventura
COUNTY CLERK AND RECORDER

MARK A. LUNN
County Clerk and Recorder
Registrar of Voters

May 8, 2012

JAMES B. BECKER
Assistant County Clerk and Recorder

TRACY D. SAUCEDO
Assistant Registrar of Voters

Mr. Steve Wickstrom, General Manager
Casitas Municipal Water District
1055 Ventura Avenue
Oak View, CA 93022

Elections Division
800 S. Victoria Avenue
Ventura, CA 93009-1200
Phone: (805) 654-2664
Fax: (805) 648-9200

Re: District General Election of November 6, 2012

Dear Mr. Wickstrom:

The date for the election of directors for your District is November 6, 2012. Enclosed is an abbreviated calendar of events for your information and action as applicable.

The following documents are to be returned by Monday, July 2, 2012:

1. Resolution requesting consolidation
2. "Notice of Elective Offices to be Filled" and whether the candidate or the district will bear the cost of the candidate statement (form enclosed)
3. Criteria for determining tie votes by lot (E.C. §15651)
4. A copy of your district's Conflict of Interest Code
5. Completed Request for Elections Services form
6. A map showing the boundaries of the district, and of the divisions, if any.

Our office is preparing the nomination packets for your district and request that you designate a specific person to come to our office to pick up the nomination packets and receive instructions sometime during the first 2 weeks in July. Please call our office to schedule pick up for the nomination packets.

The nomination period will open on Monday, July 16, 2012, and will close on Friday, August 10, 2012.

If you have any questions or require additional packets, please call our office at 654-2664.

Sincerely,

TRACY D. SAUCEDO
Assistant Registrar of Voters

Enclosures
TDS/pj

MARK A. LUNN
Clerk Recorder/Registrar of Voters
Elections Division

**NOTICE TO COUNTY CLERK OF ELECTIVE OFFICES TO BE FILLED
IN THE**

(Name of District)

You are hereby notified that a Presidential General Election will be held in the above District on November 6, 2012. District records indicate that the elective offices held by the persons listed below are to be filled:

<u>Name (Director/Council Member/Library Trustee)*</u>	<u>Title & Division (if any)</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

The _____ is to pay for the printing, handling, translating, and mailing
District or Candidate**

of the candidate's statements pursuant to Section 13307 of the Elections Code.

Dated: _____

(SEAL)

District Secretary

* Please note if any appointments were made to fill vacancies and indicate expiration of terms and prior directors' names.
** Indicate District or Candidate depending upon which entity is to be billed for the cost of printing and handling the candidate's statements.

MARK A. LUNN
Clerk Recorder/Registrar of Voters
Elections Division

VENTURA COUNTY
REQUEST FOR SPECIFIED ELECTION SERVICES

TO: MARK A. LUNN, Clerk Recorder/Registrar of Voters

FROM:

School District or Special District

Signature of Authorization

ELECTION:

DATE:

ITEM #1 PUBLICATIONS

_____ A. County elections official is requested to publish: Notice of Election Offices, Election Officers and Polling Places.

_____ B. District will publish.

ITEM #2 CANDIDATE FORMS

_____ County elections to provide one master set for copying.

ITEM #3 CANDIDATE FILINGS

_____ County elections will check nomination petition signatures.

ITEM #4 CANDIDATE STATEMENT

Maximum number of words permitted for the Candidate's Statement will be 200 words.

_____ A. District to be billed for pro-rata cost of handling and printing Candidate Statements. Pursuant to Elections Code Section 10002, District agrees to reimburse county elections official in full for the services performed upon presentation of a bill.

ITEM #5 CAMPAIGN REPORTING MATERIALS

_____ County elections official to furnish one master set for copying.

ITEM #6 CANDIDATE CERTIFICATES AND OATHS OF OFFICE

- _____ A. County elections official is requested to furnish Certificates and Oaths of Office.
- _____ 1. ___ Blank forms only - number requested ____.
- _____ 2. ___ Forms filled in appropriately - number requested ____.
- _____ B. District will furnish Certificates and Oaths of Office.

ITEM #7 ELECTION DAY VOTER INFORMATION

_____ CD of registered voters and a list of polling places.

ITEM #8 ELECTION NIGHT RESULTS

_____ On-line results

_____ FAX to _____
Fax number to be used

Listed below are additional services provided only by the County for each election:

SPANISH TRANSLATIONS - County elections official will arrange for all translations pursuant to Elections Code Section 13307.

PRINTING OF SAMPLE BALLOTS - County elections official will arrange for all printing of Candidates' Statements and arguments/analyses in the Sample Ballot for each election.

VOTE BY MAIL BALLOTS - County elections official will handle all Vote By Mail ballots, including the checking of applications and ballot mailing. Applications and envelopes will be provided to City Clerks.

POLLING PLACES/PRECINCTS ASSIGNMENTS - County elections official will determine the number of polling places.

The undersigned requests the above election services to be performed by the County Elections Official and pursuant to Elections Code Section 10002, agrees to reimburse the County in full for services requested upon presentation of a bill.

Name of School District
or Special District: _____

Signature & Title: _____

Date: _____

MARK A. LUNN
Clerk Recorder/Registrar of Voters
County of Ventura Elections Division
Calendar for the Presidential General Election
November 6, 2012

- May 18**
172 days Last day to file petitions regarding measures and/or initiatives.
- July 2**
127 days Last day to request consolidation by delivering resolution for cities, schools and special districts for offices to be filled, including ballot question text for initiative measures. (E.C. §10522)
- July 9**
120 days Publish Notice of Election. (E.C. §§10417, 12101, 12112)
- July 16**
113 days Nomination period begins. (E.C. §§10220, 10510)
- July 23**
106 days Ballot title and summary, tax rate statement, and full text of measure due to County Elections Office. (E.C. §9160)
- July 23**
106 days Newspaper publication of Notice of Election and Synopsis of Measures with dates of Arguments/Rebuttals. (Public examination opens for 10 days immediately upon receipt of documents.) (E.C. §§9163, 12111, G.C. §6061)
- July 24**
105 days Measures to County Counsel (or City Attorney) to prepare Impartial Analysis. (E.C. §§9160, 9280)
- July 24 – August 2**
105-96 days Arguments filing period. Public exam August 3 through August 12. (E.C. §§9295, 9380, 9600)
- August 3 – August 12**
95-86 days Rebuttals filing period. Public exam August 13 through August 22. (E.C. §§9504, 9509)
- August 10**
88 days Last day of nomination period. (E.C. §§10220, 10510)
- August 11 – August 15**
87-83 days Extension of nomination period. (E.C. §10225)
- August 16**
82 days Random alpha drawing for names appearing on the ballot. (E.C. §13112(F))
- August 24**
74 days Sample Ballot pages to printers.

September 10 – October 23

57-14 days Write-in candidate filing period. (E.C. §§8600, 8601)

September 27 – October 16

40-21 days Mail Sample Ballots to voters. (E.C. §13303)

October 8 – October 30

29-7 days Vote By Mail ballots are available. (E.C. §3001)

October 22

15 days Last day to register to vote. (E.C. §2107)

November 6

Election Day. Polls open 7 a.m. to 8:00 p.m.

November 8

2 days Official Canvass begins. (E.C. §§10547, 15301)

December 4

28 days Completion of Official Canvass. (E.C. §15372)

NOTE: Resolutions requesting consolidation for measures received after July 2 will have shortened and/or no Argument/Rebuttal periods.

CASITAS MUNICIPAL WATER DISTRICT
Payable Fund Check Authorization
Checks Dated 5/4/12-5/16/12
Presented to the Board of Directors For Approval May 23, 2012

Check	Payee			Description	Amount
000331	Payables Fund Account	#	9759651478	Accounts Payable Batch 050912	\$252,917.75
000332	Payables Fund Account	#	9759651478	Accounts Payable Batch 051612	\$296,192.03
					\$549,109.78
000333	Payroll Fund Account	#	9469730919	Estimated Payroll 5/31/12	\$140,000.00
					\$140,000.00
				Total	\$689,109.78

Publication of check register is in compliance with Section 53065.6 of the Government Code which requires the District to disclose reimbursements to employees and/or directors.

The above numbered checks, 000331-000333 have been duly audited is hereby certified as correct.


 Rebekah Vieira, Clerk of the Board

 Signature

 Signature

 Signature

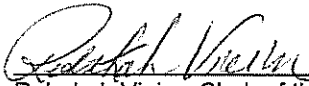
A/P Fund

Publication of check register is in compliance with Section 53065.6 of the Government Code which requires the District to disclose reimbursements to employees and/or directors.

000331	A/P Checks:	011746-011761
	A/P Draft to P.E.R.S.	
	A/P Draft to State of CA	
	A/P Draft to I.R.S.	
	Void:	

000332	A/P Checks:	011762-011859
	A/P Draft to P.E.R.S.	051623
	A/P Draft to State of CA	051622
	A/P Draft to I.R.S.	051621
	Void:	011820-011821

The above numbered checks, have been duly audited are hereby certified as correct.



Rebekah Vieira, Clerk of the Board

Signature

Signature

Signature

CERTIFICATION

Payroll disbursements for the pay period ending 05/12/12
Pay Date of 05/17/12
have been duly audited and are
hereby certified as correct.

Signed: Rebekah Vieira
Rebekah Vieira

Signed: _____
Signature

Signed: _____
Signature

Signed: _____
Signature

5/16/2012 10:50 AM
 VENDOR SET: 01 Casitas Municipal Water D
 BANK: * ALL BANKS
 DATE RANGE: 5/04/2012 THRU 5/16/2012

A/P HISTORY CHECK REPORT

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
C-CHECK	VOID CHECK	V	5/16/2012			011820		
C-CHECK	VOID CHECK	V	5/16/2012			011821		

* * T O T A L S * *

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	0	0.00	0.00	0.00
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	0	0.00	0.00	0.00
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	2	VOID DEBITS 0.00		
		VOID CREDITS 0.00		
		0.00	0.00	

TOTAL ERRORS: 0

VENDOR SET: 01	BANK: *	TOTALS:	2	0.00	0.00	0.00
BANK: *	TOTALS:		2	0.00	0.00	0.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01985	AFLAC/FLEX ONE							
I-050412	Reimburse Medical 2012	R	5/04/2012	167.92		011746		167.92
01985	AFLAC/FLEX ONE							
I-050512	Reimburse Medical 2012	R	5/07/2012	1,300.00		011747		1,300.00
00004	ACWA HEALTH BENEFITS AUTHORITY							
I-May 2012	May 12 Health Insurance	R	5/09/2012	106,582.48		011748		106,582.48
00029	AMERICAN TOWER CORP							
I-1235793	Tower Rent, Red Mtn & Rincon Pk	R	5/09/2012	1,485.77		011749		1,485.77
01616	FRED BRENEMAN							
I-050712	4/29/12-5/12/12	R	5/09/2012	391.00		011750		391.00
01055	Neil Cole							
I-Apr 12	Reimburse Expenses 4/12	R	5/09/2012	445.54		011751		445.54
00216	THE GAS COMPANY							
I-043012	Acct#00801443003	R	5/09/2012	676.83		011752		676.83
01594	HIGHWAY TECHNOLOGIES, INC.							
I-65100101001	Bolts for Signs, LCRA	R	5/09/2012	38.10		011753		
I-65100263001	White Foil Crosswalk Tape LCRA	R	5/09/2012	95.68		011753		133.78
00126	CAROLE ILES							
I-Apr 12	Reimburse Mileage 4/12	R	5/09/2012	36.91		011754		36.91
00170	OXNARD AUTO ELECTRIC COMPANY							
I-115638	Generator, Upper Ojai PP	R	5/09/2012	1,013.51		011755		1,013.51
00188	PETTY CASH							
I-050812	Replenish Petty Cash	R	5/09/2012	357.58		011756		357.58
00215	SOUTHERN CALIFORNIA EDISON							
I-050212	Acct#2210502480	R	5/09/2012	55,538.36		011757		
I-050212A	Acct#2210505426	R	5/09/2012	2,874.15		011757		
I-050212B	Acct#2237789169	R	5/09/2012	21.26		011757		
I-050212C	Acct#2269631768	R	5/09/2012	19.37		011757		58,453.14
00050	STATE OF CALIFORNIA - EDD							
I-L0021704832	Unemployment Benefit Chrgs	R	5/09/2012	864.00		011758		864.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00234	UNITED WATER CONSERVATION State Water Plan Payment	R	5/09/2012	26,404.75		011759		26,404.75
00949	CITY OF VENTURA State Water Plan Payment	R	5/09/2012	52,809.50		011760		52,809.50
10096	BRUE'S BODY SHOP Repair/Replace Rear Bumper Eq#42, Pipeline Truck	R	5/09/2012	1,795.04		011761		1,795.04
10047	A-1 WATER Potable Water during Shutdown	R	5/16/2012	1,000.00		011762		1,000.00
01441	ADVANTAGE TELECOM, INC Monthly Phone Charges, LCRA	R	5/16/2012	677.46		011763		677.46
01707	AIRGAS SPECIALTY PRODUCTS Ammonium Hydroxide, TP	R	5/16/2012	3,050.28		011764		3,050.28
00010	AIRGAS USA LLC Safety Glasses, Pipelines	R	5/16/2012	8.34		011765		
	I-9005718305 Cutoff Wheel,Safety Glasses,PL	R	5/16/2012	44.40		011765		
	I-9902302558 Cylinder Rental, Pipelines	R	5/16/2012	46.75		011765		99.49
00836	AMERICAN RED CROSS CPR/AED/First Aid Certs	R	5/16/2012	243.00		011766		243.00
00417	APPLIED INDUSTRIAL TECHNOLOGY Lubricant for Treatment Plant	R	5/16/2012	52.69		011767		52.69
00014	AQUA-FLO SUPPLY Regulator for Damtender	R	5/16/2012	99.97		011768		
	I-313252 Replace Casitas 1 Vacuum Valve	R	5/16/2012	47.62		011768		
	I-313364 Ball Valves for UO Pump Plant	R	5/16/2012	17.65		011768		
	I-313798 Plug 6" Pipe Vent, Pipeline	R	5/16/2012	26.82		011768		
	I-316403 Irrigation Repair Material	R	5/16/2012	67.93		011768		259.99
02179	Art Street Interactive Res Software Hosting, Maint	R	5/16/2012	542.15		011769		542.15
01543	ASTRA INDUSTRIAL SERVICES, INC Backflow Repair Kit, Pipeline	R	5/16/2012	66.29		011770		66.29

VENDOR SET: 01 Casitas Municipal Water D
 BANK: AP ACCOUNTS PAYABLE
 DATE RANGE: 5/04/2012 THRU 5/16/2012

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00018	AT & T MOBILITY I-829434088X05142012 PT Wildlife Biol Monthly Cell	R	5/16/2012	8.48		011771		8.48
00020	AVENUE HARDWARE, INC I-46635 Claps for Oakview Hoops, PL	R	5/16/2012	25.58		011772		25.58
00021	AWA OF VENTURA COUNTY I-051412 Waterwise Breakfast 5/17/12 I-055807 Workshop 4/19/12	R R	5/16/2012 5/16/2012	25.00 260.00		011773 011773		285.00
01062	BP Medical Supplies C-B777013A Accrue Use Tax C-B796067MA Accrue Use Tax C-C001984 Items not Received, Inv#B777013 D-B777013A Accrue Use Tax D-B796067MA Accrue Use Tax I-B777013 First Aid Supplies, LCRA I-B796067M AED Pads for WP & Training	R R R R R R R	5/16/2012 5/16/2012 5/16/2012 5/16/2012 5/16/2012 5/16/2012 5/16/2012	15.92CR 15.38CR 8.00CR 15.92 15.38 219.63 212.10		011774 011774 011774 011774 011774 011774 011774		423.73
01023	CARQUEST AUTO PARTS I-7294338474 Wiper Blades for O&M CS	R	5/16/2012	18.70		011775		18.70
00475	CASA DE LAGO I-463002 Meal for E & M Crew Working OT	R	5/16/2012	36.36		011776		36.36
00055	CASITAS BOAT RENTALS I-Apr 12 Reimburse Cafe Pass Revenue	R	5/16/2012	2,903.87		011777		2,903.87
00511	Centers for Family Health I-13610 Drug Tests	R	5/16/2012	2,700.00		011778		2,700.00
00057	CLEAN SOURCE I-267052300 Janitorial Supplies, LCRA I-267052301 Janitorial Supplies, LCRA	R R	5/16/2012 5/16/2012	3,181.61 174.29		011779 011779		3,355.90
00062	CONSOLIDATED ELECTRICAL I-9009657294 Elec Parts, Aeration Compressor	R	5/16/2012	50.21		011780		50.21
00331	COORDINATED WIRE ROPE I-73184 Cables for Quagga Tagging	R	5/16/2012	3,500.00		011781		3,500.00
00719	CORELOGIC INFORMATION SOLUTION I-80492357 Realquest Subscription	R	5/16/2012	125.00		011782		125.00

VENDOR SET: 01 Casitas Municipal Water D
 BANK: AP ACCOUNTS PAYABLE
 DATE RANGE: 5/04/2012 THRU 5/16/2012

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01483	CORVEL CORPORATION							
I-3004334	Admin Fees May, June, July 2012	R	5/16/2012	750.00		011783		750.00
01764	CSG Systems, Inc.							
I-78935	UB Mailing 3/28/12	R	5/16/2012	1,141.37		011784		1,141.37
02142	Cummings-Allison Corp.							
I-1164192	Cash Counter Maint Contract	R	5/16/2012	350.02		011785		350.02
	June 2, 2012- June 1, 2013							
00296	CUMMINS CAL PACIFIC, LLC							
I-00643023	Annual Generator Svc, TP	R	5/16/2012	1,266.01		011786		
I-00643151	Repair Coolant Leak, TP	R	5/16/2012	528.74		011786		1,794.75
02034	D.K. Mechanical							
I-2246	Service Kubota Mower, Eq#277	R	5/16/2012	209.70		011787		
I-2247	Service Dump Truck #68, Maint	R	5/16/2012	549.03		011787		
I-2248	Service JD Tractor, Eq#112	R	5/16/2012	344.39		011787		1,103.12
00081	DELTA LIQUID ENERGY							
I-23208624	Propane for Showers at LCRA	R	5/16/2012	148.74		011788		148.74
02353	Dianne Dobson							
I-051112	Camping Fee Refund	R	5/16/2012	150.00		011789		150.00
00085	DON'S INDUSTRIAL SUPPLIES, INC							
I-348619	Steel Plugs, Tape for Pipeline	R	5/16/2012	13.31		011790		13.31
01595	DOUBLE R TOWING							
I-3677	Tow #28, Maint Truck to Rock's	R	5/16/2012	50.00		011791		50.00
00086	E.J. Harrison & Sons Inc							
I-821	Acct#500546088 Trash Pickup	R	5/16/2012	840.00		011792		840.00
00095	FAMCON PIPE & SUPPLY							
I-141038	Replace Blow Off Mussel Shoals	R	5/16/2012	148.01		011793		148.01
10120	CHARLES Z. FEDAK & COMPANY							
I-043012	Audit Services FY 11/12	R	5/16/2012	9,952.00		011794		9,952.00
00099	FGL ENVIRONMENTAL							
I-203280A	Wet Chemistry-NO3	R	5/16/2012	61.00		011795		
I-203769A	Wet Chemistry-NO3	R	5/16/2012	43.00		011795		
I-203770A	Metals, Total-Mn	R	5/16/2012	45.00		011795		
I-204042A	Wet Chemistry-NO3	R	5/16/2012	43.00		011795		192.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00096	FIREMASTER - LOS ANGELES REG.							
I-121376168	Svc Fire Extinguishers, LCRA	R	5/16/2012	135.13		011796		
I-121376169	Svc Fire Extinguishers, LCRA	R	5/16/2012	235.95		011796		371.08
02319	Flow Science Incorporated							
I-0006606	LCRA Aeration System Study	R	5/16/2012	2,825.00		011797		
I-0006657	LCRA Aeration System Study	R	5/16/2012	12,745.50		011797		15,570.50
00104	FRED'S TIRE MAN							
I-57909	Tires for Eq#22, E&M Truck	R	5/16/2012	879.89		011798		
I-58003	Flat Repair, Eq#39, LCRA Maint	R	5/16/2012	15.00		011798		
I-58197	Flat Repair, Eq#4, Lab Truck	R	5/16/2012	15.00		011798		
I-58271	Tire for Club Car #13, Maint	R	5/16/2012	42.54		011798		952.43
01280	FRY'S ELECTRONICS, INC.							
I-4464925	Pliers for IT, Thumb Drives PL	R	5/16/2012	39.82		011799		
I-4487640	Memory Replacement, IT Dept	R	5/16/2012	43.09		011799		
I-4487645	Computer Supplies for WP, PL	R	5/16/2012	75.20		011799		
I-4487649	Air Dusters, DVD Rom Drive IT	R	5/16/2012	40.38		011799		
I-4487716	Labels for Prop 218 Mailing	R	5/16/2012	29.06		011799		227.55
00107	FULLER PAINT & GLASS							
I-86813	Paint, Treatment Plant Piping	R	5/16/2012	118.49		011800		118.49
02158	Google, Inc.							
I-1818979	Additional Usage, IT Dept	R	5/16/2012	2.17		011801		2.17
00115	GRAINGER, INC							
I-9814720216	Safety Helmet for Dist Maint	R	5/16/2012	74.00		011802		
I-9818392954	Battery Packs, Safety Helmet	R	5/16/2012	622.17		011802		
I-9820576230	Marking Chalk for District Maintenance Quick-Sorb for District Maint	R	5/16/2012	30.78		011802		726.95
00121	HACH COMPANY							
I-7722611	Chloramine Reagents, Lab	R	5/16/2012	651.05		011803		651.05
00369	HARRINGTON INDUSTRIAL PLASTICS							
I-01372914	Calibration Solutions for WQ	R	5/16/2012	110.37		011804		110.37
00122	BILL HICKS							
I-Mar & Apr 12	Reimburse Mileage 3/12 & 4/12	R	5/16/2012	260.30		011805		260.30
00127	INDUSTRIAL BOLT & SUPPLY							
I-00126980	Bolts for Upper Ojai PP	R	5/16/2012	57.92		011806		57.92

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
02182	Industrial Coating and Restora Lazy River Repairs & Coating	R	5/16/2012	71,533.10		011807		71,533.10
02336	Infinite Peripherals Corp. Charging Station, WP Scanners	R	5/16/2012	330.93		011808		330.93
00872	Irrisoft, Inc. Weather Station Services	R	5/16/2012	79.00		011809		79.00
00129	J.L. WINGERT CO WP Chemical Pump Parts	R	5/16/2012	1,143.55		011810		1,143.55
00131	JCI JONES CHEMICALS, INC Chlorine for TP, CM#545313	R	5/16/2012	1,770.00		011811		1,770.00
02338	JLCS, Inc Movie Screen Repair, LCRA	R	5/16/2012	285.00		011812		285.00
02345	John Crane Inc. Repair Mechanical Seal, PP	R	5/16/2012	1,501.29		011813		1,501.29
00360	LESLIE'S POOL SUPPLIES, INC Credit Memo for 142290432	R	5/16/2012	100.20CR		011814		
	I-142290432 Pool Chemicals for Waterpark	R	5/16/2012	105.05		011814		
	I-142290458 Pool Chemicals for Waterpark	R	5/16/2012	116.54		011814		121.39
00328	LIGHTNING RIDGE Lifeguard Shirts	R	5/16/2012	1,312.01		011815		1,312.01
02354	Myrna Malilay Camping Fee Refund	R	5/16/2012	70.00		011816		70.00
00329	MCMASTER-CARR SUPPLY CO. Vents for Pump Plants	R	5/16/2012	20.07		011817		20.07
01263	MEG-ALERT, INC Repair/Upgrade MegAlert, E&M	R	5/16/2012	1,530.00		011818		1,530.00
00151	MEINERS OAKS ACE HARDWARE Items Returned, Inv#491823	R	5/16/2012	1.72CR		011819		
	C-492070 Items Returned Inv#491828	R	5/16/2012	2.99CR		011819		
	I-490073 Replace Sump Pump, Dam	R	5/16/2012	128.67		011819		
	I-490278 Waterpark Hardware	R	5/16/2012	124.38		011819		
	I-490361 Breaker for B-63 Camp	R	5/16/2012	9.75		011819		
	I-491289 Bolts, OV Reservoir Vent Hood	R	5/16/2012	17.70		011819		
	I-491342 Shovels for Patrol Trucks	R	5/16/2012	35.91		011819		
	I-491450 Hardware for Sample Points	R	5/16/2012	68.69		011819		
	I-491486 Material to Fix Damaged Sign	R	5/16/2012	45.07		011819		

VENDOR SET: 01 Casitas Municipal Water D
 BANK: AP ACCOUNTS PAYABLE
 DATE RANGE: 5/04/2012 THRU 5/16/2012

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
I-491505	Fan for Treatment Plant	R	5/16/2012	26.80		011819		
I-491555	Marking Paint for LCRA Maint	R	5/16/2012	12.30		011819		
I-491648	Wire for Coyote Grinder, LCRA	R	5/16/2012	36.22		011819		
I-491825	Clips for Wires in J Box, LCRA	R	5/16/2012	7.59		011819		
I-491828	Spray Paint, Stencils for Signs	R	5/16/2012	17.90		011819		
I-491870	Materials for Waterpark	R	5/16/2012	65.68		011819		
I-492087	Oil for UOPP Pipework	R	5/16/2012	4.79		011819		
I-492123	Foam for Conduit @ Coyote	R	5/16/2012	9.85		011819		
I-492358	Cleaning Supplies for LCRA	R	5/16/2012	27.28		011819		
I-492455	WD40, Primer for Dist Maint	R	5/16/2012	14.52		011819		
I-492544	Lopper for LCRA Maint	R	5/16/2012	40.68		011819		
I-492756	Shovel & Oil for Pipelines	R	5/16/2012	43.08		011819		
I-492770	Bolts & Blades, Maint & WP	R	5/16/2012	25.48		011819		
I-492853	Cutter for O&M Cust Svc	R	5/16/2012	17.90		011819		
I-492967	Parts for Sample Points, PL	R	5/16/2012	40.96		011819		
I-493073	Tiedown, Utility Strap for E&M	R	5/16/2012	28.08		011819		
I-493139	Bolts & Screws, Sample Point	R	5/16/2012	7.61		011819		
I-493149	Padlocks for Lockers, Dst Maint	R	5/16/2012	11.41		011819		
I-493182	Paint Supplies, O&M CS	R	5/16/2012	7.21		011819		
I-493183	Paint Supplies for Pipelines	R	5/16/2012	23.51		011819		
I-493289	Hardware, Canal Road Bridge	R	5/16/2012	32.69		011819		
I-493647	Hardware for Pipelines	R	5/16/2012	14.37		011819		941.37
02350	Fred Milani							
I-050912	Camping Fee Refund	R	5/16/2012	55.00		011822		55.00
00144	BOB MONNIER							
I-Apr 12	Reimburse Mileage 4/12	R	5/16/2012	116.33		011823		116.33
00163	OFFICE DEPOT							
I-606144031001	Office Supplies	R	5/16/2012	92.48		011824		92.48
00160	OILFIELD ELECTRIC CO, INC							
I-6528	UOPP Electrical Upgrades	R	5/16/2012	65,259.01		011825		65,259.01
01570	Ojai Auto Supply LLC							
I-241043	Battery for Eq#140, Generator	R	5/16/2012	113.57		011826		
I-241509	Filter for Diesel Pump	R	5/16/2012	12.86		011826		126.43
00912	OJAI BUSINESS CENTER, INC							
I-7492	Shipping for Fish Counter	R	5/16/2012	426.35		011827		426.35
00165	OJAI LUMBER CO, INC							
I-2431288	Foam Sealant for Pump Plant	R	5/16/2012	26.98		011828		26.98

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00602	OJAI TRUE VALUE							
I-41782	Lugs for Cart Battery Cables	R	5/16/2012	15.66		011829		15.66
00169	OJAI VALLEY SANITARY DISTRICT							
I-14416	Cust#20594 Sewer Service	R	5/16/2012	150.63		011830		
I-14498	Cust#52921 Sewer Service	R	5/16/2012	50.21		011830		200.84
02351	Charles Patsch							
I-050912	Camping Fee Refund	R	5/16/2012	55.00		011831		55.00
10072	PERMACOLOR, INC							
I-274631	Coat Pipe for UOPP Unit#1	R	5/16/2012	371.09		011832		
I-274649	Powder Coat Vent Lid, PL	R	5/16/2012	485.33		011832		856.42
00627	PORT SUPPLY							
I-4155	Boat Cleaning Supplies, LCRA	R	5/16/2012	65.34		011833		
I-4286	Boat Cleaning Supplies, LCRA	R	5/16/2012	25.01		011833		90.35
01439	PRECISION POWER EQUIPMENT							
I-1740	Leaf Blower Service & Filters	R	5/16/2012	82.18		011834		
I-1748	Repair Blower for LCRA	R	5/16/2012	65.00		011834		
I-1750	Weed Wacker Line, LCRA Maint	R	5/16/2012	39.68		011834		186.86
02349	Professional Laser Care, Inc.							
I-9782	Professional Laser Care, Inc.	R	5/16/2012	70.00		011835		70.00
10042	PSR ENVIRONMENTAL SERVICE, INC							
I-5450	Repair Fuel Tank Covers, LCRA	R	5/16/2012	275.87		011836		275.87
02317	Remote Medical International I							
C-INV15038A	Accrue Use Tax	R	5/16/2012	5.73CR		011837		
D-INV15038A	Accrue Use Tax	R	5/16/2012	5.73		011837		
I-INV15038	Back Board Straps, Waterpark	R	5/16/2012	88.13		011837		88.13
00313	ROCK LONG'S AUTOMOTIVE							
I-5270	Oil Change & Starter, #28, Maint	R	5/16/2012	382.32		011838		
I-5286	Repair Loose Wipers, #32, Admin	R	5/16/2012	66.00		011838		448.32
02314	Rogue Jet Boatworks, Inc.							
I-13402	Hitch & Ball for Boat	R	5/16/2012	522.00		011839		
I-13403	Repair Trailer Tire, New Boat	R	5/16/2012	137.00		011839		659.00
00310	Ron Turley Associates, Inc.							
I-37215	Annual Maintenance Agreement	R	5/16/2012	750.00		011840		750.00

July 1, 2012-June 30, 2013

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01109	SALVADOR LOERA TRANSPORTATION							
I-12485	Fill Sand for Pipelines	R	5/16/2012	343.00		011841		
I-12487	Base for LCRA Maintenance	R	5/16/2012	525.00		011841		
I-12489	Road Base for Dist Maint	R	5/16/2012	525.00		011841		
I-12685	Road Base for TP Roadways	R	5/16/2012	525.00		011841		1,918.00
01107	SAWYER PETROLEUM							
I-S81375	Oil for Pump Plants	R	5/16/2012	341.52		011842		341.52
02344	ServiceMaster Building Mainten							
I-10034	Janitorial Services, Dist Ofc	R	5/16/2012	1,032.00		011843		1,032.00
00725	SMART & FINAL							
I-160334	Breakroom Supplies, Dist Ofc	R	5/16/2012	131.89		011844		131.89
02003	Sostre & Associates							
I-1910	CMS Fee & Website Hosting	R	5/16/2012	249.00		011845		249.00
00225	UNDERGROUND SERVICE ALERT							
I-420120093	New Ticket Charges	R	5/16/2012	133.50		011846		133.50
01569	ERNEST UNDERHAY							
I-050212	2 Astronomy Nights at LCRA	R	5/16/2012	260.00		011847		260.00
00250	COUNTY OF VENTURA							
I-IN0100339	Health Permit for Pump Truck	R	5/16/2012	229.00		011848		229.00
00254	VENTURA LOCKSMITHS							
I-10439	Keys made for Pipelines	R	5/16/2012	50.30		011849		50.30
00257	VENTURA RIVER COUNTY WATER							
I-043012	Acct#03-50100A	R	5/16/2012	14.70		011850		
I-043012A	Acct#05-37500A	R	5/16/2012	35.33		011850		50.03
09955	VENTURA WHOLESALE ELECTRIC							
I-163595	Grounding Materials for PP	R	5/16/2012	965.22		011851		
I-163995	Elec Parts for Waterpark	R	5/16/2012	17.70		011851		982.92
02352	Jennifer Wayne							
I-050912	Camping Fee Refund	R	5/16/2012	110.00		011852		110.00
00271	WEST COAST AIR CONDITIONING							
I-S39218	Service Heater at LCRA	R	5/16/2012	351.50		011853		351.50

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00277	ZEE MEDICAL SERVICE CO.							
I-34610648	First Aid Supply Restock	R	5/16/2012	378.96		011854		
I-34610657	Medical Supplies for Lab	R	5/16/2012	36.58		011854		415.54
00124	ICMA RETIREMENT TRUST - 457							
I-CUI201205150560	457 CATCH UP	R	5/16/2012	423.08		011855		
I-DCI201205150560	DEFERRED COMP FLAT	R	5/16/2012	2,692.30		011855		
I-DI%201205150560	DEFERRED COMP PERCENT	R	5/16/2012	299.36		011855		3,414.74
01960	Moringa Community							
I-MOR201205150560	PAYROLL CONTRIBUTIONS	R	5/16/2012	16.75		011856		16.75
00985	NATIONWIDE RETIREMENT SOLUTION							
I-CUN201205150560	457 CATCH UP	R	5/16/2012	423.06		011857		
I-DCN201205150560	DEFERRED COMP FLAT	R	5/16/2012	4,027.68		011857		4,450.74
00180	S.E.I.U. - LOCAL 721							
I-UND201205150560	UNION DUES	R	5/16/2012	610.50		011858		610.50
00230	UNITED WAY							
I-UWY201205150560	PAYROLL CONTRIBUTIONS	R	5/16/2012	45.00		011859		45.00
00128	INTERNAL REVENUE SERVICE							
I-T1 201205150560	Federal Withholding	D	5/16/2012	21,822.82		051621		
I-T3 201205150560	FICA Withholding	D	5/16/2012	19,590.24		051621		
I-T4 201205150560	Medicare Withholding	D	5/16/2012	5,462.68		051621		46,875.74
00049	STATE OF CALIFORNIA							
I-T2 201205150560	State Withholding	D	5/16/2012	7,046.75		051622		7,046.75
00187	CALPERS							
I-PER201205150560	PERS EMPLOYEE PORTION	D	5/16/2012	9,997.02		051623		
I-PRR201205150560	PERS EMPLOYER PORTION	D	5/16/2012	11,936.54		051623		21,933.56

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	112	473,253.73	0.00	473,253.73
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	3	75,856.05	0.00	75,856.05
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	0	VOID DEBITS	0.00	
		VOID CREDITS	0.00	
			0.00	

TOTAL ERRORS: 0

VENDOR SET: 01	BANK: AP	TOTALS:	115	549,109.78	0.00	549,109.78
BANK: AP	TOTALS:		115	549,109.78	0.00	549,109.78
REPORT TOTALS:			117	549,109.78	0.00	549,109.78

CASITAS MUNICIPAL WATER DISTRICT
Inter-Office Memorandum

DATE: May 14, 2012
TO: Board of Directors
FROM: Park Services Manager, Carol Belser
Re: Recreation Committee Meeting of May 14, 2012

RECOMMENDATION:

It is recommended that the Board of Directors receive and file this report.

BACKGROUND AND OVERVIEW:

1. **Roll Call.** Directors Kaiser and Hicks
Staff – PSM Carol Belser, PSO Brent Doan

2. **Public comments.** None.

3. **Board/Management comments.**

Director Hicks reported on his attendance at the Association of California Water Agencies - ACWA conference in Monterey. He enjoyed the conference, especially interacting with Bureau of Reclamation staff.

Director Kaiser asked staff if there were plans for the area where the bike rental had been located and asked for it to be agendaized for discussion in the future. Director Kaiser also commented on the new concession agreements and asked if the concessionaire is staying within the demised premises. PSM Belser stated that they are adhering to the new boundaries in the agreement.

PSM Belser provided information on vessels that fail inspection and stated there is no protocol to allow failed vessels in the Recreation Area for any reason.

4. **Discussion on Feasibility of Boat Liability Insurance.**

PSM Belser and PSO Doan presented an overview of information for the consideration of requiring boating customers to show proof of vessel insurance. Staff reported that possessing valid insurance is not state law and the following lakes surveyed did not require insurance to launch: Big Bear Lake, Lake Cachuma, Lake Piru, Lake Silverwood, Castaic Lake and Lake Lopez.

Director Kaiser reported that an individual's homeowner insurance may cover vessels if they are under 26 feet in length and also wondered if the District had the means to offer customers the ability to purchase insurance through the District's provider.

Discussion continued and the Committee agreed that they would like staff to conduct an informal survey of Lake Casitas' boating customers to determine if the customers carry vessel insurance. Staff will also speak with staff of agencies that require

insurance to determine how the programs are administered. Staff will also investigate if there is a means for customers to purchase vessel insurance through Casitas' resources. The topic will be brought back to the Recreation Committee at a later date for discussion and consideration.

5. **Update on Bowfishing.**

PSM Belser discussed the bowfishing program noting the season will end May 15, 2012. She reported that the pilot program's protocol has been very successful, but we had a modest amount of bowfishers participating in the Lake Casitas program. The program will resume beginning October 1, 2012.

6. **Lake Casitas Recreation Area Entry and Exit Draft Design**

PSM Belser reviewed the draft design for reconfiguring the front entrance and exit for the Recreation Area. She reported that grant funding from the Bureau of Reclamation is available for the project, but the amount is still unknown pending an award of funds from the American Recovery and Reinvestment Act (ARRA). The BOR submitted an application on Casitas' behalf.

7. **Review of Incidents and Comments**

PSM Belser reviewed the April incidents.

CASITAS MUNICIPAL WATER DISTRICT

HYDROLOGY REPORT WATER YEAR 2010 - 2011

May 17, 2012

Prepared by
Todd Evans – Assistant Engineer

Introduction

The District, in cooperation with the Ventura County Watershed Protection District and the U.S. Geological Service, collects a considerable amount of hydrology data on the Ventura River system. The hydrology data constitutes a valuable resource for developing an understanding of the water resources of the Ventura River system. Since 1981, the District has summarized the data into a series of annual and tri-annual reports. This is an annual report that presents information for the Water Year 2010-11.

Water Year 2010-11 Summarized

The water year is the standard for reporting hydrology cycles. It begins on October 1 of the preceding year and ending September 30 of the named water year. For this report, Water Year 2010-2011 began on October 1, 2010, and ended September 30, 2011.

There are 4 key elements of collected data that go in to this report: Rainfall, Stream Flow Conditions, Lake Storage & Delivery and Temperatures. Each of these elements are monitored and recorded by the District on a daily basis. The following are brief summaries of the hydrologic elements experienced during Water Year 2010-2011.

- **Rainfall** – Rainfall and evaporation data is collected on a daily basis at two stations, one at the Casitas Dam and one at the recreational area at the lake. The methods for data collection are standardized for consistency.

Rainfall totals for water year 2010-2011 were above the combined average of 25.70 inches. Casitas Dam received 35.99 inches while Matilija Dam got 40.28 inches. Most of the rainfall occurred between the months of October thru March; much of which occurred during one week in December and one week in March.

The storm that brought the largest one day total, 5.73 inches of rain to Casitas Dam and 5.22 inches at Matilija Dam, occurred on December 19, 2010.

The rain events occurred somewhat regularly with some amount of precipitation occurring around the third week of each month. December was the wettest month. Rain then occurred sporadically with the last record rain occurring in June. By this point the rain had very little significant effect on flow in the Ventura River system.

- **Stream flow Conditions** – Stream flow conditions are assessed by collecting data at key points in the Ventura River system. The major storm in October primed the ground. The ground was so dry that the initial rainfall soaked in. The next round of storms began in December and allowed flows to occur in the creeks.

Flow data for the North Fork of Matilija Creek for the water year is unavailable at this time. However, the annual flow from Matilija Dam totaled 16,163 acre-feet (AF).

The diversions at the Robles Diversion Dam totaled 22,305 AF. The facility was operated in accordance with the BA/BO.

The weir at the Robles Diversion Dam had measurable water running over it most of the year; beginning in mid Dec and continuing through September.

- **Lake Storage & Deliveries** – Water storage volumes for system reservoirs, Casitas and Matilija, have been ascertained by the daily recording of the reservoir elevation and applying the elevation number to a storage table for each reservoir.

Rainfall was above average and Lake Casitas Reservoir saw an over all increase in water storage. The lake level was on a slow decline until significant rains hit in March boosting the lake level almost 10 feet into May. The lake then began to recede again thru the end of the water year on September 30, 2011. The net increase of stored water was approx 12,300AF.

The District conducted one controlled release from Matilija Dam. The water was discharged at a low rate of about 20 CFS. The release was conducted during an extended storm event to minimize flow pattern disruptions to the creek system. In addition, due to the wet winter Matilija Dam continued to spill for the entire water year.

Water deliveries to the main conveyance system, including the Mira Monte well, totaled 14,878 AF.

- **Ambient Air Temperatures** – District staff record data at two locations, Casitas Dam and the Lake Casitas Recreation Area. These measurements are made on a daily basis and include the maximum and minimum ambient air temperatures, as well as, wind speed.

Hydrology Stations.

The following hydrology stations are operated and maintained by the Casitas Municipal Water District:

Reservoir water surface elevations:

- Matilija Dam
- Casitas Dam

Rainfall and Evaporation Monitoring Stations

- Lake Casitas (Upper) Recreation Area
- Casitas Dam

Streamflow Gauging Stations:

- Matilija Creek at Matilija Hot Springs
- Ventura River near Meiners Oaks
- Robles-Casitas Canal
- Santa Ana Creek near Oak View
- Coyote Creek near Oak View

The following hydrology stations are operated and maintained by other agencies.

Rainfall Monitoring Stations

- Matilija Dam – Operated by Ventura County Watershed Protection District.

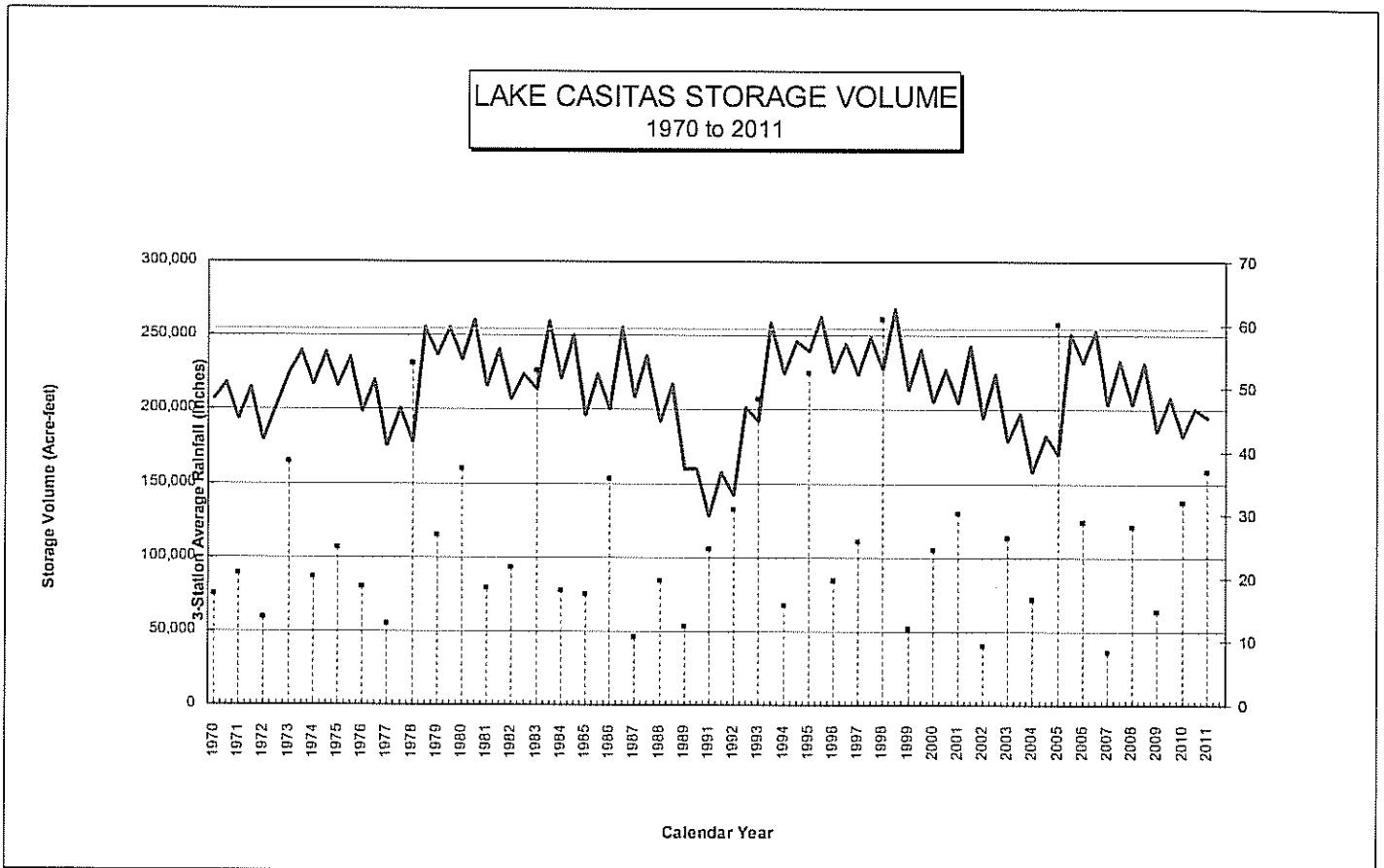
Stream flow Gauging Stations:

- Ventura River near Ventura (Foster Park) – USGS service contract
- North Fork Matilija – Operated by Ventura County Watershed Protection District.

Historical Hydrology Period – Water Years 1959 through 2011

The historical data has been updated for the reporting period and is presented for the period from 1959 to 2011. The historical data includes summaries for the Casitas Reservoir operation, Robles Diversion, rainfall and ambient air temperature.

The operation of the Casitas Reservoir during Water Year 2010-2011 was standard for the types of rainfall events that occurred during the period.

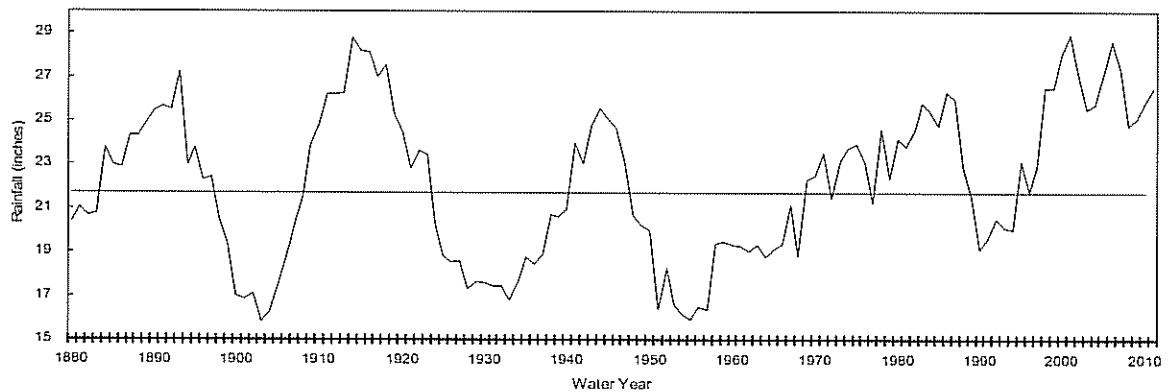


Trends

The historical section of this summary report contains data tables and figures that illustrate trends experienced by the District pertaining to rainfall and water use.

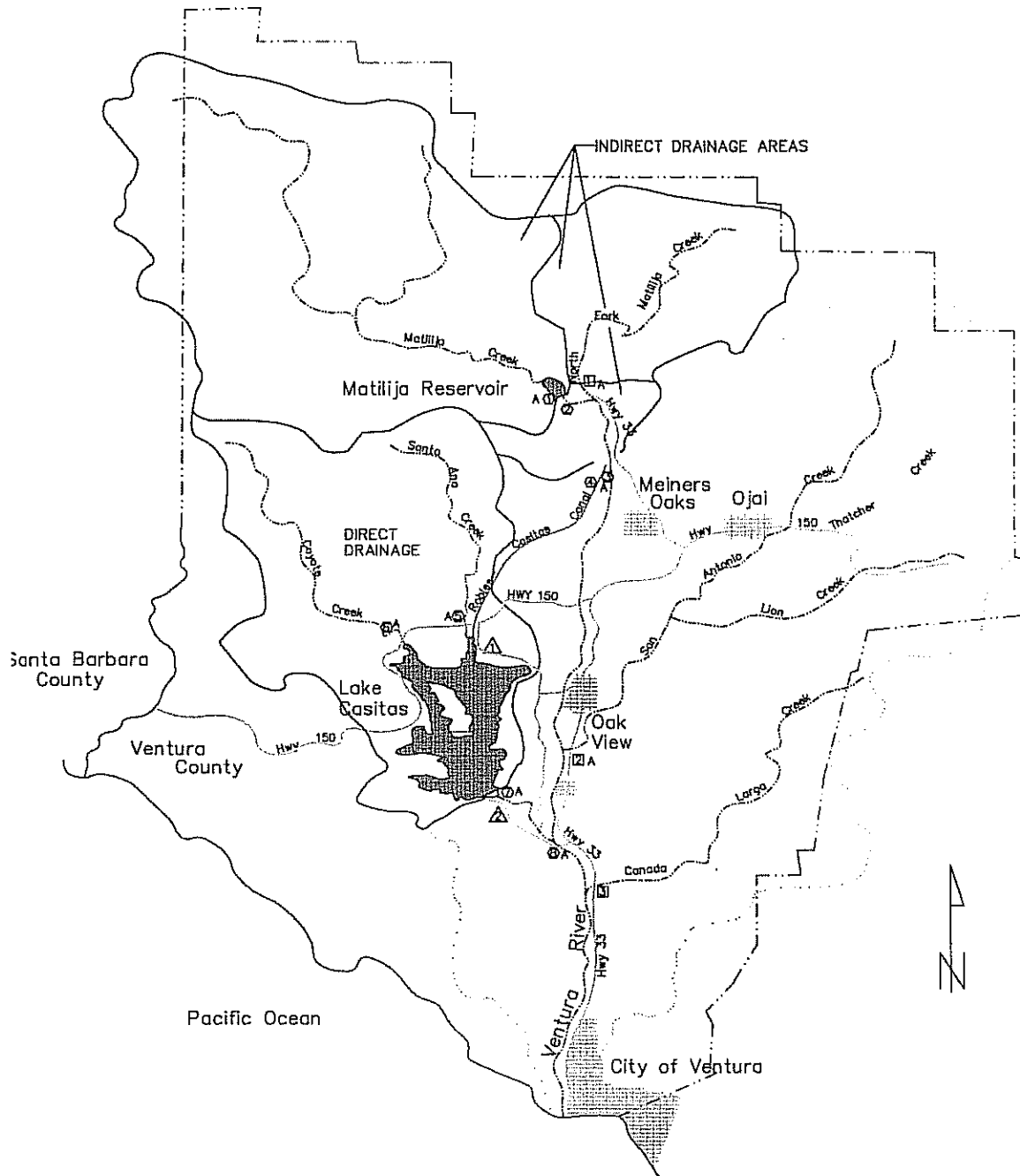
Progressive Ten-year Mean Precipitation. The trend presented here is a progressive ten-year mean of precipitation. It is created by calculating an average consisting of this year's average rainfall combined with the last 9 years. The trending of the ten-year mean has resulted in what appears to be a somewhat sinoidal curve, illustrating reoccurring periods of wet or dry conditions. From the curve, we may gain an insight on whether we are heading into a wet period or a drought. The data for the trend is updated each year. The time period trended begins in 1880 and ends with the Water Year 2010-2011.

PROGRESSIVE TEN-YEAR MEAN CMWD PRECIPITATION MATILUJA DAM, CASITAS DAM AND RECREATION STATIONS



The 10-year Progressive Mean trend indicates that the District may be in an overall dry period as illustrated by the downward direction of the trend line. We are still well above the long term average. This trend does not guarantee or predict future occurrences.

HYDROLOGY MAP – VENTURA RIVER SYSTEM



DRAINAGE AREAS

<u>DIRECT DRAINAGE</u>	<u>SQ. MILES</u>
Coyote Creek	13.30
Santa Ana Creek	9.90
Other	11.09
Subtotal	34.29
<u>INDIRECT DRAINAGE</u>	
Matilija Creek	54.18
N. Fork Matilija Creek	16.67
Above Robles Dam	3.40
Subtotal	74.25
TOTAL	108.54

LEGEND

- DRAINAGE AREA BOUNDARY
- - - - CMWD BOUNDARY
- A 'ALERT' TELEMETRY STATION
- CMWD STREAM GAGING STATIONS
 - Matilija Reservoir
 - Matilija Creek near Matilija Hot Springs
 - Ventura River near Meiners Oaks
 - Robles-Casitas Canal
 - Santa Ana Creek near Oak View
 - Coyote Creek near Oak View
 - Casitas Dam
 - Ventura River near Ventura – USGS Contract
- VENTURA COUNTY STREAMGAGING STATIONS
 - North Fork Matilija Creek at Matilija Hot Springs
 - San Antonio Creek at Casitas Hot Springs
 - Canada Largo Creek near Ventura
- △ CMWD WEATHER STATIONS
 - △ Casitas Recreation
 - △ Casitas Dam

HYDROLOGY DATA

Casitas Reservoir Water Inventory Summary

Reservoir Water Surface Elevations:

- **Matilija Dam**
- **Casitas Dam - listed in Monthly Inventory**

Rainfall Stations:

- **Matilija Dam**
- **Lake Casitas (Upper) Recreation Area**
- **Casitas Dam**

Streamflow Gauging Stations:

- **Matilija Creek at Matilija Hot Springs**
- **Ventura River near Meiners Oaks**
- **Robles-Casitas Canal**
- **Ventura River near Ventura (Foster Park)**
- **Santa Ana Creek near Oak View**
- **Coyote Creek near Oak View**

Casitas Reservoir Water Inventory Summary

CASITAS RESERVOIR WATER INVENTORY SUMMARY
2010/11 WATER YEAR

(All Volumes in Acre-feet)

MONTH	RESERVOIR (last of previous month)		RESERVOIR INFLOW				RESERVOIR RELEASES			CHANGE IN STORAGE
	ELEV (ft)	STORAGE	DIRECT	VENTURA RIVER DIVERS'N	TOTAL	PRECIP	EVAP	TO MAIN SYSTEM	SPILL	
OCT '10	539.40	185453	-209	0	-209	411	590	915	0	-1301
NOV '10	538.82	184150	-460	0	-460	356	332	1354	0	-1455
DEC '10	538.17	182695	7949	2252	10201	2716	197	719	0	12036
JAN '11	543.46	194731	988	1739	2727	164	203	570	0	2118
FEB '11	544.37	196849	1258	714	1972	1045	277	680	0	2060
MAR '11	545.25	198909	8544	8151	16695	1780	468	520	0	17487
APR '11	552.50	216395	1379	5548	6928	16	735	853	0	5356
MAY '11	554.65	221751	-195	1546	1352	224	934	1596	0	-954
JUN '11	554.27	220797	210	149	359	44	838	2034	0	-2469
JUL '11	553.28	218328	88	0	88	0	1152	1884	0	-2948
AUG '11	552.09	215380	87	0	87	0	1134	1973	0	-3020
SEP '11	550.86	212360	-158	0	-158	0	801	1721	0	-2680
OCT '11	549.76	209680	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL			19483	20099	39582	6756	7661	14819	0	24229

reservoir capacity = 254,000 a.f. @ 567 ft.

g:\engr.wks\hydrology\casitasdam\annual\casitasreservoir2011

CASITAS RESERVOIR OPERATION
OCTOBER 2010

*figures in acre-feet except where otherwise noted

RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
Elevation	185453 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @ Dam (in)	Pan @ Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River	Spill	
539.36	185363	2250	10	0	10	0.19	0.19	27	0	0	0	74	0	0	-90
539.31	185251	2249	-19	0	-19	0.24	0.26	35	0	0	0	58	0	0	-113
539.28	185183	2249	-6	0	-6	0.07	0.21	20	0	0	0	42	0	0	-68
539.25	185115	2248	3	0	3	0.10	0.21	22	0.02	0	2	51	0	0	-68
539.22	185047	2248	-17	0	-17	0.00	0.12	8	0.02	0	2	44	0	0	-68
539.25	185115	2248	-31	0	-31	0.12	0.15	19	0.78	0.73	141	24	0	0	68
539.25	185115	2248	-3	0	-3	0.10	0.16	18	0.11	0.34	42	21	0	0	0
539.23	185070	2248	-16	0	-16	0.09	0.11	14	0	0	0	15	0	0	-45
539.21	185025	2248	2	0	2	0.10	0.21	22	0	0	0	25	0	0	-45
539.19	184980	2247	1	0	1	0.11	0.10	15	0	0	0	32	0	0	-45
539.16	184912	2247	-16	0	-16	0.09	0.11	14	0	0	0	37	0	0	-68
539.13	184845	2246	-10	0	-10	0.14	0.10	17	0	0	0	41	0	0	-68
539.12	184822	2246	14	0	14	0.00	0.00	0	0	0	0	36	0	0	-23
539.08	184732	2245	-48	0	-48	0.00	0.00	0	0	0	0	42	0	0	-90
539.05	184665	2245	-25	0	-25	0.00	0.00	0	0	0	0	42	0	0	-68
539.02	184597	2244	-27	0	-27	0.15	0.13	20	0.02	0	2	23	0	0	-68
539.01	184575	2244	21	0	21	0.20	0.27	33	0.05	0.03	7	18	0	0	-23
539.00	184552	2244	15	0	15	0.05	0.23	20	0.08	0.06	13	31	0	0	-23
539.01	184575	2244	31	0	31	0.13	0.15	20	0.28	0.03	29	18	0	0	23
539.00	184552	2244	-58	0	-58	0.11	0.17	20	0.19	0.55	69	14	0	0	-23
539.00	184552	2244	37	0	37	0.12	0.18	21	0.02	0.02	4	19	0	0	0
538.98	184507	2244	-5	0	-5	0.11	0.26	26	0.02	0	2	15	0	0	-45
538.96	184462	2243	-12	0	-12	0.16	0.13	20	0.02	0	2	14	0	0	-45
538.95	184440	2243	11	0	11	0.10	0.18	20	0	0	0	14	0	0	-22
538.95	184440	2243	28	0	28	0.03	0.14	12	0	0	0	16	0	0	0
538.91	184350	2243	-36	0	-36	0.15	0.15	21	0	0	0	32	0	0	-90
538.87	184261	2242	-37	0	-37	0.10	0.31	29	0	0	0	23	0	0	-89
538.85	184217	2242	0	0	0	0.16	0.19	25	0	0	0	20	0	0	-45
538.82	184150	2241	-7	0	-7	0.07	0.27	24	0	0	0	37	0	0	-67
538.83	184172	2241	-25	0	-25	0.13	0.28	29	0.64	0.38	95	19	0	0	22
538.82	184150	2241	18	0	18	0.07	0.25	22	0	0	0	18	0	0	-22
			-209	0	-209	3.19	5.22	590	2.25	2.14	411	915	0	0	-1303

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul=0.81, Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
NOVEMBER 2010

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation	184150 Storage	Surface Area	Direct	Ventura River	Total	Pan @Dam	Pan @Rec	Lake Total	at Dam	at Rec	Lake Total	To Main System	To River	Spill	
			(acres)		Divers'n		(in)	(in)		(in)	(in)		(in)	(in)		
1	538.80	184105	2241	-3	0	-3	0.06	0.07	9	0	0	0	32	0	0	-45
2	538.78	184060	2240	9	0	9	0.03	0.23	18	0	0	0	35	0	0	-45
3	538.75	183993	2240	-21	0	-21	0.06	0.16	16	0	0	0	31	0	0	-67
4	538.74	183971	2240	49	0	49	0.12	0.09	15	0	0	0	57	0	0	-22
5	538.70	183881	2239	-54	0	-54	0.04	0.00	3	0	0	0	33	0	0	-90
6	538.68	183836	2239	2	0	2	0.10	0.12	16	0	0	0	31	0	0	-45
7	538.65	183769	2238	-20	0	-20	0.15	0.09	17	0	0	0	30	0	0	-67
8	538.65	183769	2238	-31	0	-31	-0.11	0.00	-8	0.17	0.27	41	18	0	0	0
9	538.61	183679	2238	-52	0	-52	0.11	0.11	16	0	0	0	22	0	0	-90
10	538.59	183635	2237	12	0	12	0.00	0.19	13	0	0	0	43	0	0	-45
11	538.55	183546	2237	-42	0	-42	0.05	0.17	16	0	0	0	31	0	0	-89
12	538.52	183479	2236	8	0	8	0.19	0.20	28	0	0	0	47	0	0	-67
13	538.49	183412	2236	-14	0	-14	0.09	0.10	13	0	0	0	39	0	0	-67
14	538.46	183344	2235	-19	0	-19	0.05	0.12	12	0	0	0	36	0	0	-67
15	538.44	183300	2235	12	0	12	0.05	0.17	16	0	0	0	41	0	0	-45
16	538.41	183232	2235	-5	0	-5	0.06	0.11	12	0	0	0	50	0	0	-67
17	538.37	183143	2234	-31	0	-31	0.04	0.11	11	0	0	0	48	0	0	-90
18	538.35	183098	2234	3	0	3	0.05	0.03	6	0	0	0	42	0	0	-45
19	538.32	183031	2233	-20	0	-20	0.04	0.16	14	0	0	0	33	0	0	-67
20	538.38	183165	2234	-64	0	-64	0.00	0.00	0	1.21	1.07	212	13	0	0	134
21	538.43	183277	2235	38	0	38	0.00	0.00	0	0.45	0.55	93	19	0	0	112
22	538.39	183188	2234	-53	0	-53	0.05	0.10	11	0	0	0	26	0	0	-90
23	538.37	183143	2234	-3	0	-3	0.06	0.14	14	0	0	0	28	0	0	-45
24	538.34	183076	2233	-38	0	-38	0.00	0.12	8	0.03	0	3	24	0	0	-67
25	538.32	183031	2233	4	0	4	0.14	0.12	18	0	0	0	31	0	0	-45
26	538.29	182964	2233	-31	0	-31	0.06	0.00	4	0	0	0	32	0	0	-67
27	538.27	182919	2232	-10	0	-10	0.02	0.09	8	0	0	0	27	0	0	-45
28	538.23	182829	2232	-64	0	-64	0.00	0.07	5	0.05	0.02	7	27	0	0	-90
29	538.23	182829	2232	65	0	65	0.13	0.11	17	0	0	0	48	0	0	0
30	538.17	182695	2231	-87	0	-87	0.05	0.11	11	0	0	0	36	0	0	-134
TOTAL				-460	0	-460	1.69	3.09	338	1.91	1.91	355.70	1012	0	0	-1455

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
DECEMBER 2010

*figures in acre-feet except where otherwise noted

RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
Elevation	182695 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @ Dam (in)	Pan @ Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River	Spill	
538.14	182628	2230	-9	0	-9	0.04	0.09	9	0	0	0	49	0	0	-67
538.11	182561	2230	-19	0	-19	0.05	0.10	10	0	0	0	37	0	0	-67
538.08	182494	2229	-8	0	-8	0.03	0.11	10	0	0	0	50	0	0	-67
538.05	182427	2229	-27	0	-27	0.04	0.04	6	0	0	0	35	0	0	-67
538.01	182337	2228	-45	0	-45	0.03	0.07	7	0	0	0	38	0	0	-90
538.05	182427	2229	16	0	16	0.00	0.00	0	0.55	0.55	102	28	0	0	90
538.04	182405	2230	18	0	18	0.01	0.15	11	0	0	0	29	0	0	-22
538.02	182360	2228	5	0	5	0.13	0.11	17	0	0	0	33	0	0	-45
538.00	182315	2228	-9	0	-9	0.02	0.09	8	0	0	0	28	0	0	-45
537.98	182271	2228	-10	0	-10	0.04	0.07	8	0	0	0	26	0	0	-44
537.97	182248	2227	15	0	15	0.05	0.12	12	0	0	0	25	0	0	-22
537.95	182204	2227	-17	0	-17	0.01	0.05	4	0	0	0	24	0	0	-44
537.94	182182	2227	12	0	12	0.04	0.02	4	0	0	0	30	0	0	-22
537.92	182137	2227	-15	0	-15	0.02	0.11	9	0.03	0	3	23	0	0	-44
537.92	182137	2227	22	0	22	0.00	0.00	0	0.03	0.04	6	28	0	0	0
537.89	182071	2226	-50	0	-50	0.01	0.02	2	0	0.02	2	17	0	0	-67
537.88	182049	2226	-34	0	-34	0.00	0.00	0	0.10	0.22	30	18	0	0	-22
538.02	182360	2228	23	7	30	0.00	0.00	0	1.79	1.45	301	19	0	0	311
538.66	183791	2239	200	311	511	0.00	0.00	0	5.73	4.30	936	15	0	0	1432
540.25	187372	2265	2680	313	2993	0.00	0.00	0	3.50	2.85	599	13	0	0	3580
540.64	188257	2272	623	172	795	0.00	0.00	0	0.47	0.65	106	16	0	0	885
541.11	189326	2280	501	326	828	0.00	0.00	0	1.47	1.18	252	10	0	0	1069
542.25	191937	2299	2159	335	2494	0.00	0.00	0	0.77	0.58	129	13	0	0	2611
542.58	192696	2304	605	189	794	0.00	0.11	8	0	0	0	27	0	0	760
542.76	193111	2308	303	132	435	0.00	0.11	8	0	0	0	13	0	0	415
543.02	193709	2312	369	117	486	0.00	0.15	11	0.76	0.67	138	14	0	0	599
543.13	193965	2314	180	87	266	0.00	0.00	0	0	0	0	11	0	0	255
543.22	194173	2316	159	73	231	0.00	0.09	7	0	0	0	16	0	0	209
543.34	194452	2317	123	73	196	0.00	0.00	0	0.51	0.52	99	17	0	0	278
543.42	194638	2319	124	62	186	0.00	0.00	0	0.08	0.06	14	14	0	0	186
543.46	194731	2319	54	55	109	0.00	0.00	0	0	0	0	16	0	0	93
			7949	2252	10201	0.52	1.61	150	15.79	13.09	2716	732	0	0	12036

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
JANUARY 2011

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation	194731 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @Dam (in)	Pan @Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River	Spill	
1	543.52	194871	2320	68	96	164	0.00	0.22	14	0	0	0	11	0	0	140
2	543.55	194941	2320	-5	95	91	0.08	0.05	8	0	0	0	13	0	0	70
3	543.68	195242	2322	58	147	205	0.00	0.08	5	0.58	0.61	115	14	0	0	301
4	543.74	195381	2323	34	125	159	0.00	0.10	6	0	0	0	14	0	0	139
5	543.80	195520	2325	43	111	154	0.00	0.08	5	0	0	0	9	0	0	139
6	543.86	195659	2325	57	102	159	0.00	0.12	8	0	0	0	12	0	0	139
7	543.92	195798	2326	59	93	152	0.00	0.08	5	0	0	0	8	0	0	139
8	543.96	195891	2326	15	90	105	0.00	0.06	4	0	0	0	9	0	0	93
9	544.01	196007	2328	51	84	134	0.00	0.08	5	0	0	0	13	0	0	116
10	544.05	196100	2328	31	77	108	0.00	0.09	6	0	0	0	10	0	0	93
11	544.08	196170	2328	17	71	88	0.10	0.06	10	0	0	0	9	0	0	70
12	544.11	196241	2330	35	60	95	0.00	0.12	8	0	0	0	15	0	0	72
13	544.14	196312	2330	31	51	82	0.03	0.00	2	0	0	0	10	0	0	70
14	544.17	196382	2330	44	50	94	0.03	0.12	9	0	0	0	14	0	0	70
15	544.20	196451	2332	56	46	101	0.04	0.15	12	0	0	0	20	0	0	69
16	544.23	196521	2332	46	44	90	0.02	0.10	8	0	0	0	13	0	0	70
17	544.26	196591	2332	66	41	107	0.05	0.08	8	0	0	0	28	0	0	70
18	544.28	196637	2332	45	36	81	0.03	0.00	2	0	0	0	32	0	0	47
19	544.28	196637	2332	-11	34	23	0.04	0.00	3	0	0	0	20	0	0	0
20	544.30	196685	2333	35	32	67	0.00	0.00	0	0	0	0	19	0	0	48
21	544.30	196685	2333	2	30	32	0.09	0.00	6	0	0	0	26	0	0	0
22	544.31	196708	2333	16	29	45	0.03	0.00	2	0	0	0	20	0	0	23
23	544.33	196755	2333	40	28	68	0.10	0.00	6	0	0	0	15	0	0	47
24	544.33	196755	2333	20	25	45	0.08	0.06	9	0	0	0	37	0	0	0
25	544.31	196708	2333	-32	24	-8	0.03	0.10	8	0	0	0	31	0	0	-47
26	544.32	196732	2333	46	22	68	0.06	0.14	13	0	0	0	32	0	0	23
27	544.32	196732	2333	21	21	42	0.06	0.03	6	0	0	0	36	0	0	0
28	544.33	196755	2333	39	19	58	0.07	0.07	9	0	0	0	26	0	0	23
29	544.33	196755	2333	9	18	28	0.05	0.09	9	0	0	0	19	0	0	0
30	544.33	196755	2333	1	21	22	0.05	0.04	6	0	0	0	16	0	0	0
31	544.37	196849	2333	50	17	68	0.00	0.06	4	0.21	0.29	49	19	0	0	94
				988	1739	2727	1.04	2.18	203	0.79	0.90	164	570	0	0	2118

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

g:\lengr.wks\hydrology\casitasdam\annual\casitasreservoir2010

CASITAS RESERVOIR OPERATION
FEBRUARY 2011

*figures in acre-feet except where otherwise noted

RESERVOIR (@ 2400 hrs.)				INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
DATE	Elevation	196849 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @Dam (in)	Pan @Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River	Spill	
1	544.37	196849	2333	30	15	45	0.07	0.12	14	0	0	0	31	0	0	0
2	544.36	196825	2333	-3	13	10	0.03	0.06	7	0	0	0	26	0	0	-23
3	544.35	196802	2333	14	12	26	0.08	0.13	16	0	0	0	34	0	0	-23
4	544.34	196779	2333	0	11	12	0.04	0.08	9	0	0	0	26	0	0	-23
5	544.34	196779	2333	35	11	46	0.07	0.14	16	0	0	0	30	0	0	0
6	544.34	196779	2333	21	10	31	0.01	0.08	7	0	0	0	24	0	0	0
7	544.34	196779	2333	37	9	46	0.05	0.16	16	0	0	0	30	0	0	0
8	544.33	196755	2333	25	9	34	0.04	0.06	7	0	0	0	50	0	0	-23
9	544.30	196685	2333	-15	8	-6	0.07	0.05	9	0	0	0	55	0	0	-70
10	544.28	196637	2332	-5	8	3	0.11	0.09	15	0	0	0	36	0	0	-48
11	544.26	196591	2332	-4	8	4	0.00	0.18	13	0	0	0	37	0	0	-47
12	544.25	196568	2332	8	6	15	0.00	0.15	11	0	0	0	27	0	0	-23
13	544.24	196544	2332	-4	6	3	0.00	0.10	7	0	0	0	19	0	0	-23
14	544.23	196521	2332	5	6	10	0.08	0.09	13	0	0	0	21	0	0	-23
15	544.25	196568	2332	31	6	38	0.00	0.00	0	0.12	0.09	20	11	0	0	47
16	544.30	196685	2333	-54	32	-22	0.00	0.00	0	0.78	0.79	153	13	0	0	118
17	544.35	196802	2333	17	55	72	0.00	0.00	0	0.27	0.33	58	13	0	0	117
18	544.38	196872	2333	10	60	70	0.00	0.00	0	0.06	0.07	13	12	0	0	70
19	544.64	197480	2339	201	45	246	0.00	0.00	0	1.78	2.10	378	17	0	0	607
20	544.71	197642	2341	75	44	119	0.00	0.00	0	0.26	0.31	56	12	0	0	163
21	544.75	197736	2341	113	22	134	0.17	0.05	17	0	0	0	25	0	0	93
22	544.75	197736	2341	38	6	44	0.06	0.16	17	0	0	0	27	0	0	0
23	544.75	197736	2341	31	0	31	0.06	0.12	14	0	0	0	17	0	0	0
24	544.75	197736	2341	43	0	43	0.15	0.13	21	0	0	0	22	0	0	0
25	544.75	197736	2341	-4	23	19	0.01	0.09	8	0.02	0	2	13	0	0	0
26	545.09	198531	2346	295	166	460	0.00	0.00	0	2.08	1.59	359	24	0	0	795
27	545.22	198838	2349	272	74	347	0.30	0.11	31	0.03	0.04	7	15	0	0	307
28	545.25	198909	2349	46	49	95	0.08	0.07	11	0	0	0	13	0	0	71
TOTAL				1258	714	1972	1.48	2.22	277	5.40	5.32	1045	680	0	0	2060

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
MARCH 2011

*figures in acre-feet except where otherwise noted

RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE	
DATE	Elevation	198909 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @Dam (in)	Pan @Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River		Spill
1	545.30	199026	2351	105	39	143	0.07	0.08	11	0	0	0	14	0	0	118
2	545.34	199120	2351	92	36	127	0.10	0.12	16	0.01	0	1	18	0	0	94
3	545.39	199238	2351	55	43	98	0.00	0.10	7	0.29	0.21	49	22	0	0	118
4	545.41	199286	2353	30	35	66	0.00	0.15	11	0.02	0	2	9	0	0	48
5	545.45	199380	2353	102	26	127	0.14	0.11	19	0	0	0	14	0	0	94
6	545.46	199404	2353	42	18	61	0.23	0.14	28	0	0	0	9	0	0	24
7	545.46	199404	2353	7	16	23	0.07	0.13	15	0	0	0	8	0	0	0
8	545.49	199474	2353	88	23	111	0.17	0.25	31	0	0	0	9	0	0	71
9	545.50	199498	2355	27	34	61	0.21	0.12	25	0	0	0	13	0	0	24
10	545.51	199522	2355	31	35	66	0.11	0.16	20	0	0	0	22	0	0	24
11	545.54	199592	2355	84	32	116	0.11	0.14	19	0	0	0	27	0	0	71
12	545.54	199592	2355	6	29	35	0.14	0.10	18	0	0	0	17	0	0	0
13	545.55	199616	2355	35	26	62	0.14	0.13	20	0	0	0	18	0	0	24
14	545.56	199640	2355	37	22	59	0.06	0.08	10	0	0	0	25	0	0	24
15	545.57	199663	2355	42	19	62	0.08	0.14	16	0	0	0	22	0	0	24
16	545.57	199663	2355	23	18	40	0.15	0.08	17	0	0	0	23	0	0	0
17	545.57	199663	2355	35	14	49	0.13	0.11	18	0	0	0	31	0	0	0
18	545.56	199640	2355	17	13	30	0.14	0.17	23	0	0	0	31	0	0	-24
19	545.60	199733	2356	98	20	118	0.04	0.11	11	0.05	0	5	19	0	0	93
20	545.99	200652	2361	71	214	285	0.00	0.00	0	3.07	3.59	655	21	0	0	919
21	548.40	206396	2403	4335	757	5092	0.00	0.00	0	3.04	3.59	664	12	0	0	5744
22	548.73	207190	2409	16	789	805	0.00	0.00	0	0.02	0	2	13	0	0	794
23	549.15	208202	2416	420	622	1042	0.10	0.12	17	0	0	0	13	0	0	1012
24	549.56	209195	2423	324	566	890	0.00	0.00	0	0.38	0.76	115	12	0	0	993
25	550.17	210677	2434	392	829	1220	0.00	0.00	0	1.46	1.23	273	11	0	0	1482
26	550.83	212287	2445	758	879	1637	0.17	0.00	13	0	0.01	1	15	0	0	1610
27	551.28	213389	2451	406	720	1126	0.24	0.02	20	0.05	0.03	8	12	0	0	1102
28	551.64	214274	2458	226	683	909	0.04	0.13	13	0	0	0	11	0	0	885
29	552.00	215159	2464	330	591	920	0.09	0.14	18	0	0	0	18	0	0	885
30	552.26	215801	2467	162	518	680	0.13	0.16	23	0	0	0	15	0	0	642
31	552.50	216395	2473	153	483	636	0.22	0.14	28	0	0	0	14	0	0	594
TOTAL				8549	8151	16700	3.08	3.13	468	8.39	9.42	1775	520	0	0	17487

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.


e = estimate

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients:

Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

 Rain is a two-day average

CASITAS RESERVOIR OPERATION
APRIL 2011

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation	216395 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @Dam (in)	Pan @Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River	Spill	
1	552.73	216963	2476	167	444	610	0.20	0.13	27	0	0	0	15	0	0	568
2	552.94	217483	2479	162	412	575	0.21	0.23	36	0	0	0	19	0	0	520
3	553.11	217905	2483	85	364	449	0.10	0.13	19	0	0.04	4	12	0	0	422
4	553.26	218278	2484	86	321	407	0.09	0.09	15	0	0	0	19	0	0	374
5	553.40	218627	2488	96	291	387	0.13	0.13	22	0	0	0	17	0	0	349
6	553.52	218926	2490	68	269	336	0.12	0.15	22	0	0	0	15	0	0	299
7	553.63	219200	2491	53	251	304	0.03	0.12	12	0	0	0	17	0	0	274
8	553.73	219449	2493	71	234	305	0.18	0.14	27	0	0	0	29	0	0	249
9	553.82	219673	2495	60	218	278	0.28	0.18	38	0	0	0	16	0	0	224
10	553.90	219872	2496	46	201	247	0.11	0.22	27	0	0	0	21	0	0	199
11	553.97	220046	2496	29	187	216	0.10	0.11	17	0	0	0	24	0	0	174
12	554.04	220221	2498	45	176	221	0.03	0.17	17	0	0	0	30	0	0	174
13	554.11	220397	2500	68	169	237	0.18	0.18	30	0	0	0	30	0	0	177
14	554.16	220523	2500	34	159	193	0.04	0.26	25	0	0	0	43	0	0	126
15	554.21	220647	2501	52	151	204	0.23	0.19	35	0	0	0	44	0	0	124
16	554.27	220797	2501	94	142	236	0.40	0.20	50	0	0	0	36	0	0	150
17	554.31	220898	2503	26	140	166	0.06	0.18	20	0	0	0	45	0	0	101
18	554.34	220973	2503	-9	139	130	0.10	0.13	19	0	0	0	36	0	0	75
19	554.39	221099	2503	52	131	184	0.08	0.18	22	0	0	0	37	0	0	126
20	554.42	221174	2504	3	132	135	0.11	0.14	21	0	0	0	39	0	0	75
21	554.45	221250	2504	-1	124	123	0.15	0.00	13	0	0	0	35	0	0	75
22	554.49	221350	2504	22	120	143	0.10	0.00	8	0	0	0	34	0	0	100
23	554.52	221424	2506	-1	115	114	0.10	0.10	17	0.03	0	3	26	0	0	74
24	554.56	221524	2506	14	114	128	0.08	0.08	13	0.01	0.04	5	19	0	0	100
25	554.58	221574	2506	-11	106	94	0.13	0.00	11	0	0.03	3	36	0	0	50
26	554.61	221650	2508	25	96	121	0.12	0.12	20	0	0	0	25	0	0	76
27	554.63	221700	2508	22	92	115	0.28	0.13	34	0	0	0	30	0	0	50
28	554.64	221725	2508	12	86	98	0.11	0.29	33	0	0	0	40	0	0	25
29	554.64	221725	2508	-9	81	72	0.29	0.16	38	0	0	0	34	0	0	0
30	554.65	221751	2508	20	81	101	0.28	0.26	45	0	0	0	31	0	0	25
TOTAL				1379	5548	6928	4.42	4.40	735	0.04	0.11	16	853	0	0	5356

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
MAY 2011

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation	221751 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @Dam (in)	Pan @Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River	Spill	
1	554.65	221751	2508	-4	83	79	0.27	0.27	46	0	0	0	33	0	0	0
2	554.65	221751	2508	-12	73	61	0.15	0.22	31	0	0	0	29	0	0	0
3	554.65	221751	2508	41	64	105	0.11	0.37	41	0	0	0	65	0	0	0
4	554.64	221725	2508	-16	60	44	0.39	0.14	45	0	0	0	24	0	0	-25
5	554.64	221725	2508	45	59	104	0.20	0.17	31	0	0	0	73	0	0	0
6	554.62	221675	2508	-5	58	53	0.16	0.19	30	0	0	0	73	0	0	-50
7	554.61	221650	2508	14	63	78	0.25	0.26	43	0	0	0	60	0	0	-25
8	554.60	221625	2508	-15	70	54	0.28	0.06	29	0	0	0	51	0	0	-25
9	554.59	221599	2506	-4	66	61	0.08	0.22	25	0	0	0	62	0	0	-26
10	554.57	221549	2506	-37	62	25	0.19	0.22	35	0.07		7	47	0	0	-50
11	554.56	221524	2506	26	59	85	0.23	0.19	36	0	0	0	75	0	0	-25
12	554.54	221474	2506	-9	53	43	0.21	0.20	35	0	0	0	59	0	0	-50
13	554.52	221424	2506	1	48	49	0.17	0.18	30	0	0	0	69	0	0	-50
14	554.50	221374	2506	-36	53	17	0.19	0.09	24	0	0	0	43	0	0	-50
15	554.50	221374	2506	-13	58	45	0.07	0.08	13	0.04	0.04	8	41	0	0	0
16	554.47	221300	2504	-32	54	22	0.29	0.24	45	0	0	0	51	0	0	-74
17	554.51	221399	2506	-82	69	-13	0.00	0.00	0	0.76	0.56	138	25	0	0	99
18	554.54	221474	2506	-34	79	46	0.00	0.00	0	0.34	0.34	71	42	0	0	75
19	554.52	221424	2506	-33	60	27	0.22	0.24	39		0	0	38	0	0	-50
20	554.52	221424	2506	18	47	65	0.09	0.19	24	0	0	0	42	0	0	0
21	554.51	221399	2506	2	45	47	0.23	0.17	34	0	0	0	38	0	0	-25
22	554.50	221374	2506	-11	46	35	0.15	0.11	22	0	0	0	38	0	0	-25
23	554.49	221350	2504	11	40	51	0.08	0.16	20	0	0	0	55	0	0	-24
24	554.47	221300	2504	3	35	37	0.16	0.16	27	0	0	0	61	0	0	-50
25	554.45	221250	2504	4	31	35	0.20	0.17	31	0	0	0	54	0	0	-50
26	554.42	221174	2504	-2	27	26	0.20	0.21	35	0	0	0	66	0	0	-75
27	554.41	221149	2504	62	17	79	0.17	0.28	38	0	0	0	66	0	0	-25
28	554.37	221049	2503	-26	13	-14	0.32	0.11	36	0	0	0	51	0	0	-100
29	554.33	220948	2503	-34	17	-17	0.28	0.15	36	0	0	0	47	0	0	-100
30	554.31	220898	2508	18	22	40	0.19	0.24	36	0	0	0	54	0	0	-50
31	554.27	220797	2501	-33	17	-16	0.1	0.12	19	0	0	0	66	0	0	-101
TOTAL				-195	1546	1352	5.63	5.41	934	1.21	0.94	224	1596	0	0	-954

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients:

CASITAS RESERVOIR OPERATION
JUNE 2011

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 2400 hrs.)		INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE	
	Elevation	220797 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @Dam (in)	Pan @Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River		Spill
1	554.24	220722	2501	24	12	36	0.17	0.29	38	0	0	0	72	0	0	-75
2	554.20	220622	2501	8	11	19	0.27	0.27	45	0	0	0	74	0	0	-100
3	554.16	220523	2500	7	6	13	0.30	0.13	36	0	0	0	76	0	0	-99
4	554.12	220422	2500	-9	0	-8	0.16	0.17	27	0	0	0	65	0	0	-100
5	554.09	220345	2498	-1	10	9	0.29	0.14	36	0	0	0	50	0	0	-77
6	554.09	220345	2498	-23	36	13	0.00	0.00	0	0.21	0.19	42	55	0	0	0
7	554.06	220270	2498	-33	17	-16	0.02	0.12	12	0	0	0	47	0	0	-75
8	554.03	220196	2498	32	13	45	0.30	0.29	49	0	0	0	70	0	0	-75
9	554.01	220146	2498	32	10	43	0.09	0.17	22	0	0	0	71	0	0	-50
10	553.97	220046	2496	-17	2	-15	0.10	0.13	19	0	0	0	65	0	0	-100
11	553.94	219972	2496	-5	7	2	0.18	0.10	23	0	0	0	54	0	0	-75
12	553.92	219922	2496	7	13	20	0.07	0.08	12	0	0	0	57	0	0	-50
13	553.90	219872	2496	26	9	35	0.05	0.12	14	0	0	0	70	0	0	-50
14	553.86	219772	2495	-22	2	-20	0.04	0.11	12	0	0	0	67	0	0	-100
15	553.83	219698	2495	30	0	30	0.20	0.18	32	0	0	0	74	0	0	-75
16	553.80	219623	2495	24	0	24	0.18	0.11	24	0	0	0	74	0	0	-75
17	553.76	219523	2493	-17	0	-17	0.11	0.11	18	0	0.02	2	66	0	0	-100
18	553.72	219424	2493	-13	0	-13	0.25	0.08	27	0	0	0	59	0	0	-100
19	553.69	219349	2491	-16	0	-16	0.03	0.08	9	0	0	0	50	0	0	-75
20	553.67	219299	2491	33	0	33	0.15	0.10	21	0	0	0	62	0	0	-50
21	553.64	219225	2491	21	0	21	0.13	0.23	30	0	0	0	66	0	0	-75
22	553.61	219150	2491	27	0	27	0.07	0.28	29	0	0	0	73	0	0	-75
23	553.57	219050	2490	27	0	27	0.43	0.19	51	0	0	0	76	0	0	-100
24	553.53	218951	2490	1	0	1	0.13	0.21	28	0	0	0	72	0	0	-100
25	553.49	218851	2488	10	0	10	0.24	0.24	40	0	0	0	70	0	0	-100
26	553.45	218752	2488	-8	0	-8	0.24	0.12	30	0	0	0	62	0	0	-100
27	553.42	218677	2488	34	0	34	0.15	0.23	32	0	0	0	77	0	0	-75
28	553.37	218552	2486	7	0	7	0.36	0.21	47	0	0	0	85	0	0	-125
29	553.33	218453	2486	27	0	27	0.25	0.23	40	0	0	0	86	0	0	-100
30	553.28	218328	2484	-4	0	-4	0.25	0.15	33	0	0	0	88	0	0	-125
TOTAL				210	149	359	5.21	4.87	838	0.21	0.21	44	2034	0	0	-2469

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
JULY 2011

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation	218328 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @Dam (in)	Pan @Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River	Spill	
1	553.23	218204	2484	-30	0	-30	0.22	0.19	34	0	0	0	60	0	0	-125
2	553.20	218129	2484	27	0	27	0.33	0.19	44	0	0	0	58	0	0	-75
3	553.16	218029	2483	-13	0	-13	0.18	0.21	33	0	0	0	54	0	0	-100
4	553.13	217955	2483	52	0	52	0.39	0.32	59	0	0	0	67	0	0	-75
5	553.09	217853	2481	1	0	1	0.11	0.28	33	0	0	0	69	0	0	-101
6	553.05	217755	2490	9	0	9	0.18	0.19	31	0	0	0	77	0	0	-99
7	553.01	217656	2481	10	0	10	0.24	0.22	39	0	0	0	70	0	0	-99
8	552.96	217532	2479	-21	0	-21	0.19	0.35	45	0	0	0	57	0	0	-124
9	552.92	217433	2479	-8	0	-8	0.32	0.13	38	0	0	0	54	0	0	-99
10	552.89	217360	2478	28	0	28	0.40	0.23	53	0	0	0	48	0	0	-73
11	552.85	217261	2478	-7	0	-7	0.09	0.24	28	0	0	0	64	0	0	-99
12	552.81	217162	2478	-7	0	-7	0.26	0.15	34	0	0	0	58	0	0	-99
13	552.77	217062	2476	13	0	13	0.18	0.37	46	0	0	0	67	0	0	-100
14	552.74	216988	2476	5	0	5	0.04	0.12	13	0	0	0	66	0	0	-74
15	552.70	216889	2476	-21	0	-21	0.22	0.08	25	0	0	0	53	0	0	-99
16	552.67	216815	2474	13	0	13	0.24	0.21	38	0	0	0	49	0	0	-74
17	552.63	216716	2474	-13	0	-13	0.26	0.19	38	0	0	0	48	0	0	-99
18	552.60	216642	2474	21	0	21	0.10	0.19	24	0	0	0	71	0	0	-74
19	552.56	216543	2473	2	0	2	0.17	0.21	32	0	0	0	69	0	0	-99
20	552.52	216444	2473	31	0	31	0.36	0.28	53	0	0	0	76	0	0	-99
21	552.48	216346	2471	1	0	1	0.17	0.21	32	0	0	0	68	0	0	-99
22	552.44	216247	2471	0	0	0	0.24	0.20	37	0	0	0	62	0	0	-99
23	552.40	216148	2471	-6	0	-6	0.24	0.19	36	0	0	0	57	0	0	-99
24	552.36	216050	2469	-8	0	-8	0.28	0.27	46	0	0	0	44	0	0	-98
25	552.33	215975	2469	11	0	11	0.14	0.13	22	0	0	0	63	0	0	-74
26	552.29	215875	2467	10	0	10	0.24	0.31	46	0	0	0	64	0	0	-100
27	552.25	215777	2467	16	0	16	0.24	0.25	41	0	0	0	74	0	0	-99
28	552.20	215653	2467	-22	0	-22	0.30	0.20	42	0	0	0	60	0	0	-124
29	552.17	215579	2466	15	0	15	0.27	0.23	42	0	0	0	47	0	0	-74
30	552.13	215480	2466	-6	0	-6	0.19	0.25	37	0	0	0	56	0	0	-99
31	552.09	215380	2464	-16	0	-16	0.30	0.11	34	0	0	0	49	0	0	-100
TOTAL				88	0	88	7.09	6.70	1152	0.00	0.00	0	1884	0	0	-2948

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
AUGUST 2011

*figures in acre-feet except where otherwise noted

RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
Elevation	215380 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @Dam (in)	Pan @Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River	Spill	
552.06	215307	2464	37	0	37	0.20	0.28	40	0	0	0	71	0	0	-74
552.01	215184	2464	-28	0	-28	0.24	0.14	32	0	0	0	64	0	0	-123
551.97	215085	2462	16	0	16	0.29	0.19	40	0	0	0	75	0	0	-99
551.92	214962	2462	-9	0	-9	0.24	0.28	43	0	0	0	70	0	0	-123
551.87	214840	2461	-31	0	-31	0.24	0.14	32	0	0	0	59	0	0	-122
551.83	214742	2461	-9	0	-9	0.27	0.15	35	0	0	0	54	0	0	-98
551.80	214668	2461	19	0	19	0.37	0.15	43	0	0	0	50	0	0	-74
551.76	214570	2459	-10	0	-10	0.08	0.19	22	0	0	0	66	0	0	-98
551.72	214471	2459	16	0	16	0.24	0.38	51	0	0	0	63	0	0	-98
551.68	214373	2458	5	0	5	0.22	0.16	32	0	0	0	72	0	0	-98
551.64	214274	2458	-19	0	-19	0.07	0.17	20	0	0	0	59	0	0	-98
551.60	214176	2458	-4	0	-4	0.24	0.19	36	0	0	0	59	0	0	-98
551.56	214077	2456	-1	0	-1	0.38	0.15	44	0	0	0	54	0	0	-99
551.53	214004	2456	6	0	6	0.29	0.18	39	0	0	0	40	0	0	-74
551.51	213955	2456	59	0	59	0.32	0.22	45	0	0	0	64	0	0	-49
551.47	213857	2454	-3	0	-3	0.16	0.20	30	0	0	0	65	0	0	-97
551.43	213759	2454	17	0	17	0.17	0.24	34	0	0	0	81	0	0	-98
551.38	213636	2453	-17	0	-17	0.18	0.24	35	0	0	0	72	0	0	-123
551.34	213537	2453	11	0	11	0.35	0.17	43	0	0	0	67	0	0	-98
551.30	213439	2453	-14	0	-14	0.17	0.23	33	0	0	0	51	0	0	-98
551.27	213365	2451	4	0	4	0.23	0.22	37	0	0	0	41	0	0	-75
551.23	213267	2451	-12	0	-12	0.05	0.18	19	0	0	0	67	0	0	-98
551.19	213169	2450	12	0	12	0.21	0.26	39	0	0	0	71	0	0	-97
551.15	213071	2450	8	0	8	0.24	0.18	35	0	0	0	72	0	0	-98
551.11	212973	2450	8	0	8	0.21	0.29	41	0	0	0	65	0	0	-98
551.07	212873	2448	5	0	5	0.29	0.14	36	0	0	0	70	0	0	-100
551.03	212775	2448	5	0	5	0.21	0.26	39	0	0	0	64	0	0	-98
550.99	212678	2446	-3	0	-3	0.34	0.14	40	0	0	0	55	0	0	-98
550.95	212580	2446	13	0	13	0.35	0.18	44	0	0	0	67	0	0	-98
550.91	212482	2446	10	0	10	0.21	0.25	38	0	0	0	70	0	0	-98
550.86	212360	2445	-5	0	-5	0.24	0.24	40	0	0	0	78	0	0	-122
			87	0	87	7.30	6.39	1134	0.00	0.00	0	1973	0	0	-3020

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate

Reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul=0.81, Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
SEPTEMBER 2011

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 2400 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation	212360 Storage	Surface Area (acres)	Direct	Ventura River Divers'n	Total	Pan @Dam (in)	Pan @Rec (in)	Lake Total	at Dam (in)	at Rec (in)	Lake Total	To Main System	To River	Spill	
1	550.82	212263	2445	-10	0	-10	0.19	0.17	28	0	0	0	60	0	0	-98
2	550.78	212165	2443	-1	0	-1	0.18	0.19	29	0	0	0	68	0	0	-98
3	550.74	212068	2443	-15	0	-15	0.26	0.20	36	0	0	0	47	0	0	-98
4	550.70	211970	2443	-15	0	-15	0.16	0.26	32	0	0	0	50	0	0	-98
5	550.66	211872	2442	-16	0	-16	0.19	0.11	23	0	0	0	58	0	0	-98
6	550.63	211799	2442	36	0	36	0.28	0.21	38	0	0	0	71	0	0	-73
7	550.59	211702	2440	33	0	33	0.20	0.31	39	0	0	0	91	0	0	-98
8	550.52	211580	2440	-5	0	-5	0.20	0.24	34	0	0	0	83	0	0	-122
9	550.48	211458	2438	-6	0	-6	0.29	0.15	34	0	0	0	82	0	0	-122
10	550.42	211336	2438	-41	0	-41	0.13	0.23	28	0	0	0	54	0	0	-122
11	550.38	211214	2437	-56	0	-56	0.17	0.18	27	0	0	0	39	0	0	-122
12	550.35	211116	2437	-25	0	-25	0.02	0.14	12	0	0	0	61	0	0	-98
13	550.31	211018	2437	4	0	4	0.29	0.20	38	0	0	0	64	0	0	-98
14	550.28	210945	2435	24	0	24	0.24	0.14	29	0	0	0	68	0	0	-73
15	550.24	210848	2435	-1	0	-1	0.30	0.21	39	0	0	0	58	0	0	-98
16	550.20	210750	2435	-24	0	-24	0.04	0.24	22	0	0	0	52	0	0	-98
17	550.16	210652	2434	-32	0	-32	0.18	0.10	22	0	0	0	44	0	0	-98
18	550.14	210604	2434	15	0	15	0.19	0.12	24	0	0	0	40	0	0	-49
19	550.11	210530	2434	18	0	18	0.13	0.18	24	0	0	0	67	0	0	-73
20	550.07	210433	2432	-17	0	-17	0.17	0.14	24	0	0	0	56	0	0	-98
21	550.03	210335	2432	-3	0	-3	0.18	0.18	28	0	0	0	67	0	0	-98
22	550.00	210262	2432	3	0	3	0.04	0.21	19	0	0	0	57	0	0	-73
23	549.97	210187	2430	18	0	18	0.28	0.16	34	0	0	0	59	0	0	-75
24	549.93	210090	2430	-27	0	-27	0.15	0.15	23	0	0	0	46	0	0	-96
25	549.90	210018	2430	-11	0	-11	0.10	0.22	25	0	0	0	37	0	0	-72
26	549.88	209971	2428	0	0	0	0.05	0.08	10	0	0	0	38	0	0	-47
27	549.86	209922	2428	22	0	22	0.10	0.12	17	0	0	0	53	0	0	-48
28	549.83	209850	2428	-7	0	-7	0.03	0.18	16	0	0	0	49	0	0	-73
29	549.79	209753	2427	-6	0	-6	0.23	0.18	32	0	0	0	59	0	0	-97
30	549.76	209680	2427	-12	0	-12	0.12	0.10	17	0	0	0	44	0	0	-73
TOTAL				-158	0	-158	5.09	5.30	801	0.00	0.00	0	1721	0	0	-2680

Reservoir capacity = 254,000 acre-feet at 567 ft. elevation.

e = estimate due to equipment error

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

Mira Monte Well Water Production

Mira Monte Well

Water Year 10-11

Month	Acre Feet
Oct-10	14.23
Nov-10	10.51
Dec-10	1.81
Jan-11	0.29
Feb-11	0.21
Mar-11	1.63
Apr-11	0.33
May-11	0.31
Jun-11	4.48
Jul-11	7.09
Aug-11	8.95
Sep-11	9.10
<hr/>	
Total	58.94 AF

Lake Matilija Water Surface Elevations

Rainfall Stations

VENTURA COUNTY, CALIFORNIA
WATER SURVEY
DAILY RAINFALL RECORD

STATION: **Casitas Dam**
 OBSERVER: CMWD Damtender
 AUTHORITY: Casitas Municipal Water District
 ADDRESS: P.O. Box 37, Oak View, CA 93022
 COMPILED: C. Iles

NUMBER: 4
 OBSER. TIME: 0800
 LATITUDE: 34d22m
 LONGITUDE: 119d20m
 ELEV:

2010-2011

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2						0.01						
3				0.58		0.29						
4	0.02					0.02						
5	0.02											
6	0.78		0.55						0.21			
7	0.11											
8		0.17										
9												
10								0.07				
11												
12												
13												
14			0.03									
15			0.03		0.12			0.04				
16	0.02				0.78							
17	0.05		0.10		0.27			0.76				
18	0.08		1.79		0.06			0.34				
19	0.28		5.73		1.78	0.05						
20	0.19	1.21	3.50		0.26	3.07						
21	0.02	0.45	0.47			3.04						
22	0.02		1.47			0.02						
23	0.02		0.77				0.03					
24		0.03				0.38	0.01					
25					0.02	1.46						
26			0.76		2.08							
27					0.03	0.05						
28		0.05										
29			0.51									
30	0.64		0.08									
31				0.21								
Mo Total	2.25	1.91	15.79	0.79	5.40	8.39	0.04	1.21	0.21	0.00	0.00	0.00
Yr Total	2.25	4.16	19.95	20.74	26.14	34.53	34.57	35.78	35.99	35.99	35.99	35.99

Rainfall in inches

VENTURA COUNTY, CALIFORNIA
WATER SURVEY
DAILY RAINFALL RECORD


STATION: Lake Casitas Recreation Area
OBSERVER: CMWD Recreation staff
AUTHORITY: Casitas Municipal Water District
ADDRESS: P.O. Box 37, Oak View, CA 93022
COMPILED: C. Iles

NUMBER: 204
OBSER. TIME: 0800
LATITUDE: 34d25m
LONGITUDE: 119d20m
ELEV: 592

2010-11

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3				0.61		0.21	0.04					
4												
5												
6	0.73		0.55						0.19			
7	0.34											
8		0.27										
9												
10												
11												
12												
13												
14												
15			0.04		0.09							
16			0.02		0.79							
17	0.03		0.22		0.33			0.04	0.02			
18	0.06		1.45		0.07							
19	0.03		4.30		2.10			0.56				
20	0.55	1.07	2.85		0.31	1.58		0.34				
21	0.02	0.55	0.65			3.58						
22			1.18									
23			0.58									
24						0.76	0.04					
25						1.23	0.03					
26			0.67		1.59	0.01						
27					0.04	0.03						
28		0.02										
29			0.52									
30	0.38		0.06									
31				0.29								
Mo Total	2.14	1.91	13.09	0.9	5.32	9.42	0.11	0.94	0.21	0	0	0
Yr Total	2.14	4.05	17.14	18.04	23.36	32.78	32.89	33.83	34.04	34.04	34.04	34.04

Rainfall in inches

 Rain is a two-day average

VENTURA COUNTY, CALIFORNIA
WATER SURVEY
DAILY RAINFALL RECORD

STATION: **Matilija Dam**
 OBSERVER: Unknown
 AUTHORITY: Ventura County Watershed Protection District
 ADDRESS: 800 S. Victoria Ave, Ventura, CA. 93009
 COMPILED: Bill Carey/Hydrologist

NUMBER:
 OBSER. TIME: Unknown
 LATITUDE:
 LONGITUDE:
 ELEV: 1095

2010-2011

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2				0.01		0.01						
3				0.01		0.21	0.04					
4							0.01					
5	0.04											
6	1.33		0.73						0.44			
7	0.46		0.01	0.01								
8		0.2										
9												
10								0.01				
11												
12												
13												
14												
15					0.05			0.14				
16			0.02		0.85							
17			0.72		0.39			0.52				
18	0.03		1.8		0.20			0.48				
19	0.29		5.22		1.94	0.35						
20	0.39	1.74	2.79		0.63	2.72						
21	0.01	1.08	0.33			3.59						
22	0.02		2.52			0.11						
23			0.74				0.06					
24			0.01			0.52						
25						2.9						
26			0.66		2.53	0.01						
27					0.02	0.01						
28		0.01				0.03						
29			0.012									
30	0.31											
31												
Mo Total	2.88	3.03	15.56	0.04	6.61	10.47	0.11	1.15	0.44	0.00	0.00	0.00
Yr Total	2.88	5.91	21.47	21.51	28.12	38.58	38.69	39.84	40.28	40.28	40.28	40.28

Rainfall in inches

Streamflow Gauging Stations

UNITED STATES GEOLOGICAL SURVEY - WATER RESOURCES DIVISION
 STATION NUMBER 11118500 VENTURA R NR VENTURA - DIV. CA SOURCE AGENCY USGS STATE 06 COUNTY 111
 LATITUDE 342108 LONGITUDE 1191827 NAD27 DRAINAGE AREA 188* CONTRIBUTING DRAINAGE AREA DATUM

Discharge, cubic feet per second
 WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
 DAILY MEAN VALUES

PROVISIONAL DATA

SUBJECT TO REVISION

STATION 11118500, Ventura River nr Ventura, CA

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6	4	4	28	24	75	129	44	37	27	19	13
2	6	4	4	32	24	73	110	43	38	25	16	11
3	6	5	4	42	24	74	98	45	40	26	16	11
4	5	5	4	33	24	71	87	45	42	27	16	12
5	5	5	4	29	23	69	77	44	41	27	16	12
6	6	5	4	29	23	69	74	45	43	24	16	10
7	6	5	4	30	23	68	73	45	43	23	17	10
8	5	5	4	28	22	67	72	45	44	22	17	10
9	4	5	4	27	24	62	70	45	41	22	16	10
10	3	5	4	27	24	56	66	44	41	22	16	9
11	4	4	4	27	22	54	64	43	43	24	16	10
12	4	4	4	29	20	54	64	42	40	26	16	11
13	5	4	4	31	21	55	64	42	39	24	15	13
14	5	4	4	27	21	56	62	41	38	23	14	12
15	5	4	4	26	21	56	57	40	36	22	15	11
16	5	4	4	27	32	56	56	41	38	21	17	11
17	5	4	5	27	30	56	56	49	38	20	18	12
18	5	4	29	27	62	58	54	50	36	19	16	10
19	6	4	1090	26	118	60	54	42	36	18	14	10
20	5	5	253	25	82	51	51	41	38	22	13	9
21	4	5	76	26	73	51	51	41	37	22	14	9
22	4	4	1320	26	69	510	50	41	35	19	15	11
23	4	4	235	24	67	312	49	40	31	18	13	10
24	4	4	80	24	66	286	49	39	33	18	12	10
25	4	4	54	25	126	1260	49	39	32	17	11	11
26	5	4	75	24	221	431	48	39	31	18	12	11
27	5	4	41	23	96	320	46	39	31	21	12	9
28	4	4	35	24	80	258	45	39	31	17	11	9
29	4	4	40	23	—	213	45	40	29	16	11	9
30	4	4	34	23	—	180	44	39	29	18	10	9
31	4	—	30	23	—	158	—	38	—	19	11	—
TOTAL	147.0	130.0	3461.0	842.0	1462.0	5117.0	1914.0	1310.0	1111.0	667.0	451.0	315.0
MEAN	4.7	4.3	111.6	27.2	52.2	176.4	63.8	42.3	37.0	21.5	14.5	10.5
MAX	6	5	1320	42	221	1260	129	50	44	27	19	13.0
MIN	3	4	4	23	20	54	44	38	29	16	10	9
AC-FT	292	258	6865	1670	2900	10149	3796	2598	2204	1323	895	625

Data unavailable

STATION: SANTA ANA CREEK STN. NEAR OAK VIEW, CA.
 USGS #: 11117800
 VCFPD # 604
 MAINTAINED BY : CMWD
 DATE INSTALLED: 10/1958

MEAN DAILY DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR 2010-2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY
1	0	0	0	74	46	83	93	87	158	266	34	98	
2	0	0	0	78	46	79	87	83	116	193	23	119	
3	0	0	0	88	46	75	86	72	112	177	26	121	
4	0	0	0	79	47	70	84	63	104	106	58	91	
5	0	0	0	76	46	67	82	52	109	88	44	73	
6	0	0	22	75	47	65	80	56	91	90	56	79	
7	0	0	25	73	48	63	80	50	75	128	39	90	
8	0	0	26	73	47	62	79	45	70	222	45	78	
9	0	0	27	72	48	60	80	45	60	193	82	80	
10	0	0	27	67	46	60	78	42	65	129	254	90	
11	0	0	27	61	45	59	74	41	58	74	241	84	
12	0	0	27	60	45	58	72	42	45	79	249	84	
13	0	0	28	58	45	58	72	45	44	84	477	156	
14	0	0	28	58	45	57	69	46	44	88	503	75	
15	0	0	29	57	45	56	67	47	41	100	516	52	
16	0	0	29	56	52	56	67	44	43	79	595	48	
17	0	0	38	54	47	54	73	53	41	69	548	38	
18	0	0	73	54	62	52	73	60	41	69	534	45	
19	0	0	503	52	97	55	74	67	38	104	337	50	
20	0	0	217	52	84	738	78	65	34	128	246	34	
21	0	0	140	52	70	416	79	58	41	87	311	6	
22	0	0	543	51	67	171	74	53	44	68	308	1	
23	0	0	249	51	65	140	63	52	37	60	340	2	
24	0	0	152	49	59	137	63	68	32	48	225	1	
25	0	0	128	48	80	401	78	69	34	41	193	0	
26	0	0	126	48	158	188	78	65	33	29	173	0	
27	0	0	104	48	104	164	76	58	34	23	142	0	
28	0	0	94	48	90	122	84	68	34	27	108	0	
29	0	0	98	46	---	111	83	104	52	32	83	0	
30	0	0	87	46	---	101	86	138	103	32	69	0	
31	0	---	80	46	---	95	---	158	---	22	---	---	
Total	0.0	0.0	2925.2	1851.1	1729.9	3974.4	2309.2	1996.1	1832.6	2935.2	6857.4	1595.7	28006.8
Mean	0.0	0.0	97.5	59.7	61.8	128.2	77.0	64.4	61.1	94.7	228.6	53.2	76.7
Max.	0.0	0.0	543.2	88.3	158.1	737.5	92.5	158.1	158.1	265.5	595.4	155.9	737.5
Min.	0.0	0.0	0.0	46.3	0.0	52.0	0.0	41.1	0.0	21.8	23.3	0.0	0.0
AC-FT	0.0	0.0	5802.1	3671.7	3431.3	7883.2	4580.3	3959.3	3635.0	5822.0	13601.7	3165.0	55551.4

On 11/15/10 the new gauging station was complete, however the County is still in the process of developing a new rating table
 ***Please note that all values are based on the previous rating table. Values will be updated when new table is created.

STATION: COYOTE CREEK NEAR OAK VIEW, CA.
 USGS #: 11117600
 VCFPD # 602
 MAINTAINED BY : CMWD
 DATE INSTALLED: 10/1958

MEAN DAILY DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR 2010-2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.0
Max.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Min.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*** No data available due to technical & access issues at the station

STATION: VENTURA RIVER NEAR MEINERS OAKS, CA
 USGS #: 11116550
 VCFPD # 607
 MAINTAINED BY : CMWD
 DATE INSTALLED: 05/1959

MEAN DAILY DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR 2010-2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY
1	0	0	0	20	20	50	39	29	32	24	11	4	
2	0	0	0	21	20	50	33	30	32	24	11	3	
3	0	0	0	21	20	50	32	32	32	23	10	2	
4	0	0	0	20	20	50	31	32	33	23	10	2	
5	0	0	0	20	20	49	30	32	33	22	10	2	
6	0	0	0	20	20	50	31	32	33	22	9	1	
7	0	0	0	20	20	50	31	32	33	22	9	1	
8	0	0	0	20	20	45	33	32	32	21	8	0	
9	0	0	0	20	19	36	31	32	32	21	8	0	
10	0	0	0	20	19	31	31	32	32	20	7	0	
11	0	0	0	20	19	32	31	31	32	20	7	2	
12	0	0	0	20	19	32	32	32	31	19	7	3	
13	0	0	0	19	19	32	31	32	31	19	6	2	
14	0	0	0	19	19	32	30	32	31	19	6	2	
15	0	0	0	19	19	33	31	31	30	18	5	2	
16	0	0	0	19	21	33	30	32	30	18	5	2	
17	0	0	0	19	20	32	28	33	32	17	5	2	
18	0	0	13	20	21	33	31	32	32	17	5	2	
19	0	0	35	20	34	34	31	30	31	17	5	2	
20	0	0	20	20	49	999	31	31	30	16	5	2	
21	0	0	19	20	49	999	31	31	27	16	5	2	
22	0	0	655	19	48	325	30	30	27	15	5	3	
23	0	0	104	18	50	170	32	31	27	15	5	2	
24	0	0	22	19	47	130	30	32	26	15	5	3	
25	0	0	22	19	47	364	30	32	26	14	4	4	
26	0	0	21	19	50	74	31	32	25	14	4	4	
27	0	0	20	19	50	72	30	32	25	13	4	3	
28	0	0	20	19	50	65	30	32	24	13	3	2	
29	0	0	21	19	---	59	30	31	25	12	3	2	
30	0	0	20	18	---	58	30	30	26	12	2	2	
31	0	---	20	19	---	51	---	31	---	12	4	---	
Total	0.0	0.0	1013.6	605.1	832.2	4120.9	930.5	976.3	893.5	551.9	192.6	64.0	10180.7
Mean	0.0	0.0	32.7	19.5	29.7	132.9	31.0	31.5	29.8	17.8	6.2	2.1	27.9
Max.	0.0	0.0	655.4	21.1	50.1	999.0	39.2	33.3	33.2	24.0	11.2	4.2	999.0
Min.	0.0	0.0	0.0	17.9	0.0	31.3	0.0	29.0	0.0	11.6	2.0	0.0	0.0
AC-FT	0.0	0.0	2010.4	1200.3	1650.6	8173.8	1845.7	1936.5	1772.2	1094.8	382.1	126.9	20193.3

Tubing partially plugged values adjusted

STATION: ROBLES-CASITAS CANAL

USGS #: N/A

VCFPD # N/A

MAINTAINED BY : CMWD

DATE INSTALLED: 1958

MEAN DAILY DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR 2010-2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY
1	0	0	0	49	8	19	224	42	6	0	0	0	
2	0	0	0	48	6	18	208	37	5	0	0	0	
3	0	0	0	74	6	22	184	32	3	0	0	0	
4	0	0	0	63	6	18	162	30	0	0	0	0	
5	0	0	0	56	6	13	147	30	5	0	0	0	
6	0	0	0	52	5	9	136	29	18	0	0	0	
7	0	0	0	47	4	8	127	32	9	0	0	0	
8	0	0	0	45	5	12	118	35	7	0	0	0	
9	0	0	0	42	4	17	110	33	5	0	0	0	
10	0	0	0	39	4	18	102	31	1	0	0	0	
11	0	0	0	36	4	16	95	30	4	0	0	0	
12	0	0	0	30	3	15	89	27	7	0	0	0	
13	0	0	0	26	3	13	85	24	5	0	0	0	
14	0	0	0	25	3	11	80	27	1	0	0	0	
15	0	0	0	23	3	10	76	29	0	0	0	0	
16	0	0	0	22	16	9	72	27	0	0	0	0	
17	0	0	0	20	28	7	71	35	0	0	0	0	
18	0	0	7	18	30	7	70	40	0	0	0	0	
19	0	0	311	17	23	10	66	30	0	0	0	0	
20	0	0	313	16	22	108	67	24	0	0	0	0	
21	0	0	172	15	11	382	62	23	0	0	0	0	
22	0	0	326	15	3	399	61	23	0	0	0	0	
23	0	0	335	14	0	314	58	20	0	0	0	0	
24	0	0	189	13	0	286	57	18	0	0	0	0	
25	0	0	132	12	12	419	53	16	0	0	0	0	
26	0	0	117	11	84	444	48	14	0	0	0	0	
27	0	0	87	10	38	363	47	9	0	0	0	0	
28	0	0	73	10	25	345	44	6	0	0	0	0	
29	0	0	73	9	---	298	41	8	0	0	0	0	
30	0	0	62	10	---	262	41	11	0	0	0	0	
31	0	---	55	9	---	244	---	8	---	---	---	---	
Total	0.0	0.0	2251.8	878.4	360.4	4116.5	2802.1	781.0	75.1	0.0	0.0	0.0	11265.3
Mean	0.0	0.0	72.6	28.3	12.9	132.8	93.4	25.2	2.5	0.0	0.0	0.0	30.9
Max.	0.0	0.0	335.5	74.0	83.7	443.9	224.0	41.8	18.3	0.0	0.0	0.0	443.9
Min.	0.0	0.0	0.0	8.8	0.0	6.8	0.0	6.5	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	4466.4	1742.4	714.9	8165.0	5557.9	1549.2	149.0	0.0	0.0	0.0	22344.8

HISTORICAL HYDROLOGY DATA

**Casitas Reservoir Inventory Annual Summary - 1959-Present
(Calendar Year)**

Annual Rainfall - 1958-Present

Monthly Rainfall - 1960-Present

Ambient Air Temperatures - 1960-Present

Robles-Casitas Canal Monthly Diversions - 1959-Present

**HISTORICAL RAINFALL
CASITAS MUNICIPAL WATER DISTRICT**

WATER YEAR	CASITAS DAM	CASITAS RECREATION	MATILJA DAM	YEARLY MEAN
1958-59	10.22	11.84	16.62	12.89
59-60	15.79	14.70	14.45	14.98
1960-61	8.77	8.42	13.24	10.14
61-62	37.75	33.96	39.21	36.97
62-63	18.70	17.54	20.07	18.77
63-64	13.62	12.04	16.13	13.93
64-65	23.26	22.77	22.83	22.95
65-66	25.23	25.23	30.30	26.92
66-67	34.43	32.30	44.78	37.17
67-68	16.61	16.44	15.20	16.08
68-69	46.57	47.55	69.94	54.69
69-70	16.70	16.52	18.98	17.40
1970-71	19.72	19.71	22.65	20.69
71-72	11.94	13.72	15.49	13.72
72-73	34.79	34.56	45.91	38.42
73-74	19.95	18.43	22.16	20.18
74-75	23.83	24.05	26.83	24.90
75-76	17.90	17.23	20.85	18.66
76-77	12.90	11.98	13.75	12.88
77-78	49.05	49.66	63.04	53.92
78-79	25.80	25.64	28.66	26.70
79-80	34.06	35.15	42.43	37.21
1980-81	16.24	16.99	21.88	18.37
81-82	19.35	20.34	25.35	21.68
82-83	51.14	48.22	58.65	52.67
83-84	17.91	16.63	19.34	17.96
84-85	17.30	15.93	19.00	17.41
85-86	33.49	32.20	41.32	35.67
86-87	10.86	9.83	11.44	10.71
87-88	18.62	18.40	21.58	19.53
88-89	11.73	11.85	13.65	12.41
89-90	9.46	8.86	12.48	10.27
1990-91	24.43	23.59	26.01	24.68
91-92	29.75	28.53	34.27	30.85
92-93	41.20	43.31	60.38	48.30
93-94	16.08	14.69	16.27	15.68
94-95	49.84	49.04	58.17	52.35
95-96	18.8	16.91	22.78	19.50
96-97	24.37	25.27	27.8	25.81
97-98	59.54	58.78	64.27	60.86
98-99	12.68	10.67	12.56	11.97
99-00	24.35	21.94	26.79	24.36
2000-01	29.36	27.86	33.45	30.22
01-02	9.28	8.77	10.10	9.38
02-03	24.83	23.69	30.58	26.37
03-04	17.03	14.33	18.84	16.73
04-05	54.66	51.28	74.44	60.13
05-06	26.52	25.84	34.58	28.98
06-07	8.60	7.15	9.23	8.33
07-08	26.19	24.58	33.62	28.13
08-09	14.82	12.91	16.56	14.76
09-10	31.13	28.48	36.54	32.05
10-11	35.99	34.04	40.28	36.77
AVERAGE	24.59	23.78	29.35	25.91
MAXIMUM	59.54	58.78	74.44	60.86
MINIMUM	8.60	7.15	9.23	8.33

*RAINFALL IN INCHES, WATER YEAR OCTOBER 1 THRU SEPTEMBER 30
BOLD NUMBERS INDICATE RECORD MAX/MIN RAINFALL AMOUNTS FOR THE PERIOD

NOTE: Matilija Dam Rainfall records after 2005-06 season obtained from the Ventura County Watershed Protection District

**CASITAS MUNICIPAL WATER DISTRICT
INTEROFFICE MEMORANDUM**

TO: GENERAL MANAGER, STEVE WICKSTRUM
FROM: PRINCIPAL CIVIL ENGINEER, NEIL COLE
SUBJECT: GRANT A TEMPORARY EASEMENT-ARUNDO ERADICATION
DATE: MAY 11, 2012

Recommendation:

It is recommended that the Board of Directors grant a temporary easement to the Ventura County Watershed Protection District for the sole purpose of treatment/removal of non-native plants within Casitas' property in the Ventura River.

Background:

In August 2007, Casitas' Board of Directors granted the Ventura County Watershed Protection District a temporary easement to remove non native plants from the Ventura River watershed area owned by Casitas. The temporary easement is due to expire on July 31, 2012. The Ventura County Watershed Protection District has requested a new temporary easement that will terminate on July 31, 2022. The purpose of the temporary easement is to continue the removal process of non native plants from the Ventura River. The terms of the temporary easement are the same as in the previous temporary easement. Ventura County Watershed Protection District will pay Casitas \$500 for the easement.

Recorded at the request of and
Return to Public Works Agency
Real Estate Services Division
A. P. # 010-0-050-050
Instrument #
File #91 - 2012

No Fee Required
(Govt. Code Sec. 6103 & 27383)

GRANT OF TEMPORARY EASEMENT
(Ventura River Arundo Removal)

FOR A VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, **CASITAS MUNICIPAL WATER DISTRICT** do(es) hereby **GRANT** to **VENTURA COUNTY WATERSHED PROTECTION DISTRICT** a temporary easement and right-of-way for the purposes of treatment and/or removal of non-native plants within the floodway of the Ventura River in, on, over, under, and across the real property in the State of California, County of Ventura, for the consideration and upon the terms hereinafter provided.

[Property described or depicted on Figures 1 and 2, attached hereto and made a part hereof]

The undersigned Grantor has executed this Grant of Temporary Easement, hereinafter called "Easement" with the understanding and intention that:

1. TERM. This Easement shall automatically terminate on July 31, 2022.
2. CONSIDERATION. Entity shall pay to the order of the Grantor, as consideration in full for the interest in the herein described real property, the sum of \$500.00. Said sum shall be paid in full within 60 days after acceptance of this Easement by Entity.
3. OPTION. N/A
4. ADDITIONAL CONSIDERATION. N/A
5. HOLDOVER. N/A
6. RESTORATION OF PROPERTY. Entity agrees that upon termination of this Easement it will return the herein described real property as nearly as practicable to its original condition, taking into consideration the nature of the work being performed.
7. INDEMNIFICATION. To the furthest extent permitted by law, Entity shall indemnify, defend and hold harmless Grantor and its Directors, managers, consultants, representatives, employees, and successors from and against all claims, damages, liability, expenses and attorney fees (hereinafter "loss") incurred by Grantor and arising out of, allegedly arising out of, or resulting from the performance of Entity's work,

construction, maintenance, or operation work upon the real property which is the subject of this temporary easement. Entity's duty to defend set out herein obligates Entity to pay on behalf of Grantor all loss at such time as Grantor become legally obligated to pay such loss on account of claims of any kind being made against them arising, or allegedly arising, in any way from Entity's performance or default in connection the construction, maintenance or operation work described herein including, but not limited to damages, judgments, settlements, costs, expenses, and attorneys fees. Entity shall further have the duty to defend any suit, arbitration, mediation or legal or administrative proceeding against Grantor arising, or allegedly arising, in any way from Entity's performance or default in connection with the construction, maintenance, or operation work described herein solely at Entity's expense without any right of claim to reimbursement from Grantor even if the allegations of the suit, arbitration, mediation, claim or proceeding are groundless, false, or fraudulent.

8. COMPLETE UNDERSTANDING. This Easement constitutes the entire understanding between the parties with respect to the subject matter hereof, superseding all negotiations, prior discussions, and preliminary agreements or understandings, written or oral. This Easement may not be amended except in writing by the parties hereto or their successors or assigns.

9. SPECIAL PROVISIONS. If applicable, all other provisions of this Easement are contained in Exhibit "B", which is attached hereto and made a part hereof by reference. Exhibit "B" is not applicable.

10. ACCEPTANCE AND RECORDATION. Entity may cause this Easement to be accepted and recorded in the office of the Ventura County Recorder when Entity can hold for Grantor's order a warrant in the amount as set forth in Article 2 entitled CONSIDERATION.

11. PARTIES BOUND AND BENEFITED. By Grantor's offer and execution, and Entity's acceptance and recordation of this Easement, the covenants and conditions herein contained shall apply to and bind both Grantor and Entity and their respective heirs, successors, executors, administrators, and assigns; and Grantor and Entity shall both be jointly and severally liable hereunder.

CASITAS MUNICIPAL WATER DISTRICT

By: _____

Print Name: _____

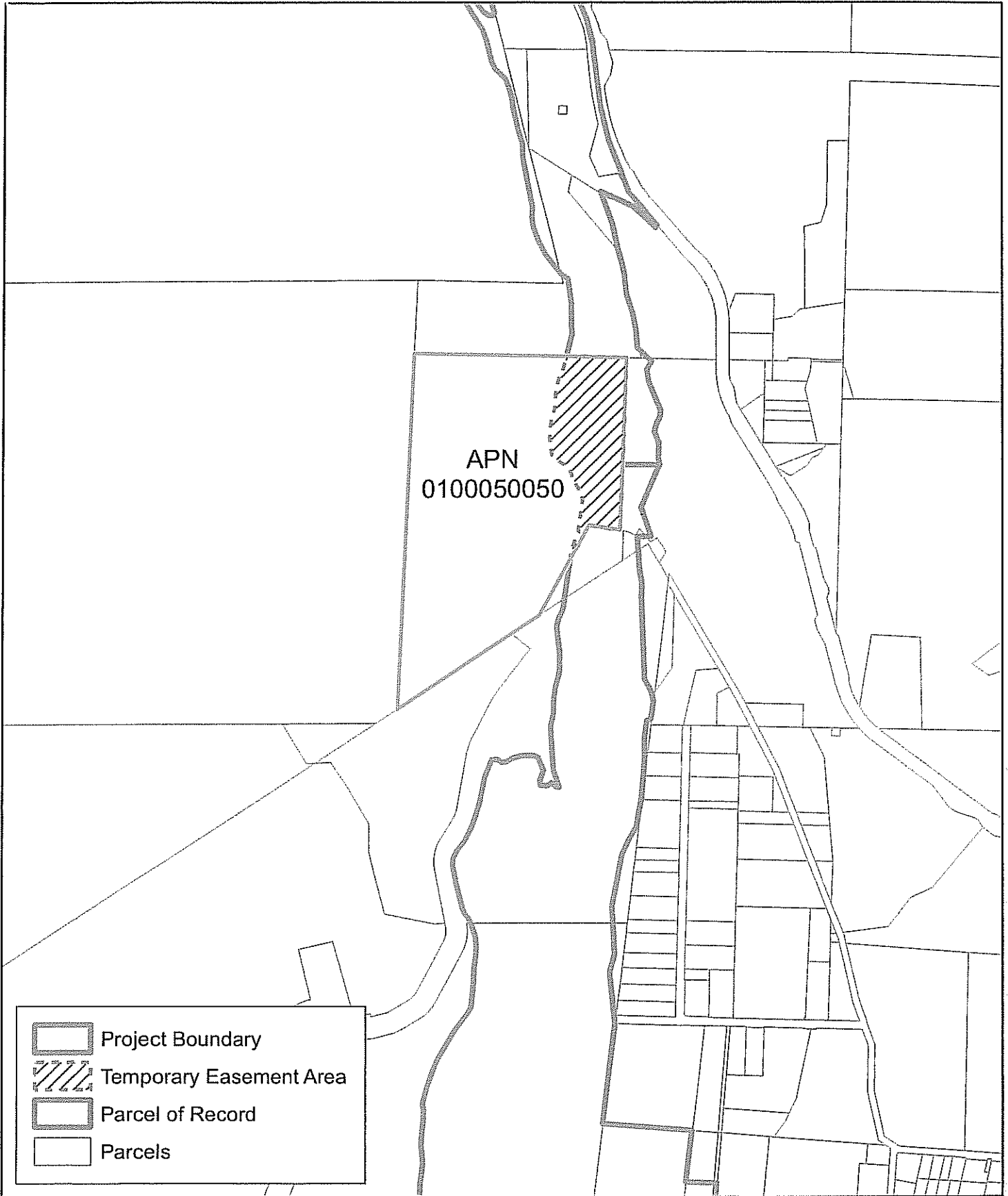
Title: _____

Date: _____

APPROVED:

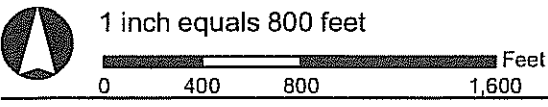
Keith B. Filegar, Manager
Real Estate Services Division
Public Works Agency

Date: _____








Source: VCWPD, 2005

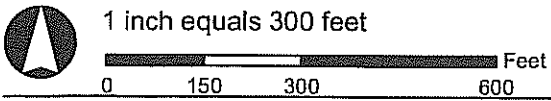
Temporary Giant Reed Removal Easement for
 APN 0100050050 - CMWD



APN
0100050050

-  Project Boundary
-  Temporary Easement Area
-  Parcel of Record
-  Temporary Access Roads and Staging Areas
-  Parcels

Source: VCWPD, 2005



Temporary Access and Staging Easement for
APN 0100050050 - CMWD

**CASITAS MUNICIPAL WATER DISTRICT
INTEROFFICE MEMORANDUM**

TO: STEVE WICKSTRUM, GENERAL MANAGER
FROM: NEIL COLE, CIVIL ENGINEER
SUBJECT: AUTHORIZE GENERAL MANAGER TO SIGN CHANGE ORDER NO. 1-RINCON 2(M) PIPELINE REPLACEMENT STATION 65 TO 76, SPECIFICATION 11-346
DATE: MAY 17, 2012

RECOMMENDATION:

It is recommended that the Board of Directors authorize the General Manager to sign Change Order No. 1 in the amount of \$29,993.55 for the Rincon 2(M) Pipeline Replacement, Station 65-76, Specification 11-346.

BACKGROUND AND DISCUSSION:

In December 2011, the Board approved a contract with Toro Enterprises to complete the Rincon 2(M) Pipeline replacement project. During construction of the project three changes occurred:

1. The pipe material was changed from PVC to HDPE because the PVC supplier backed out of the project.
2. The drilling subcontractor encountered the Monterey Formation much earlier than expected, thereby requiring a change in the drill tooling and equipment.
3. Casitas decided to not have Toro Enterprises cap the old pipe but Casitas will instead valve the old pipe off after a meter is relocated by Casitas' crews.

The net change to the contract amount is \$29,993.55. This amount includes a \$3696 credit from Toro Enterprises for not having to cap the old pipe.

CASITAS MUNICIPAL WATER DISTRICT
CHANGE ORDER NO. 1

DATE: May 17, 2012

PROJECT: Rincon 2m Pipeline Replacement	Specification No. 11-346
CONTRACTOR: Toro Enterprises	
ADDRESS: P.O. Box 6285, Oxnard, CA 93031	

ITEM	DESCRIPTION OF WORK	UNIT PRICE	TOTAL
1	Credit for deletion of a portion of Bid Item No. 6	LS	\$ (3,696.00)
2	Extra work, labor, materials and miscellaneous items to complete installation of HDPE pipe instead of PVC Pipe.	LS	\$7508.00
3	Extra work, labor, materials and miscellaneous items to complete drilling for pipe through the Monterey Formation (differing site conditions)	LS	\$ 24,934.81
4	General Contractor's mark-up on Sub contractor's change	LS	\$1246.74

TOTAL AMOUNT OF CHANGE ORDER NO. 1	\$29,993.55
ORIGINAL CONTRACT AMOUNTS	\$589,535.00
PREVIOUS APPROVED CHANGE ORDER AMOUNT	-0-
NEW CONTRACT AMOUNT	\$ 619,528.55
EXTENSION OF CONTRACT TIME <u>-0-</u> DAYS	

CASITAS MUNICIPAL WATER DISTRICT

APPROVED: _____
STEVEN E. WICKSTRUM
GENERAL MANAGER

ACCEPTED:

By: _____ DATE: _____

Name Printed _____

ACWA

2012 SPRING CONFERENCE

As interpreted by Director Jim Word

Wednesday Breakfast Meeting

“Building Bold”

Don McNicol, Author, commenting.

Much of the State’s major infrastructure items were started in the 1930s. i.e., The Bay Bridge that connects population centers and the State Water system that brings water to the south and the San Joaquin Valley making population and Ag. Expansion possible.

In the 80s the States’ infrastructure was surveyed and graded. That grade was a D- at that time. This same infrastructure is in real need of upgrading and replacement. To compound this need is the fact those same projects are now being driven by seismic and environmental concerns.

Interesting and disturbing points were made that 45% of our roads are impacted and carrying much more than intended. One third of our bridges are deficient. There are 85,000 dams in the U.S. and only 11% are owned by the Government. This leaves the balance with little aspect of upgrading.

Bart Neg, Cal Trans representative assigned to the Bay Bridge gave an update and progress report on it’s’ construction and progress.

Wednesday A.M. Meeting

“Getting the Skinny on water Rates and way they have increased so much”

Sanjay Gaur, Senior Mgr. of Raftilis, led much of the discussion.

There has been a 5 to 8% steady increase in water rates for the last 10 to 15 years. Rate payer meetings are becoming more and more hostile. The lack of trust of agencies by rate payers is becoming more evident. Some trends and reasons for the increases are no surprise.

Agencies and infrastructure were originally funded thru non rate systems such as bonds, taxes and grants. Many of our systems were developed 30 – 50 years ago and are now reaching an end of life situation. Redo’s, repairs and increasing maintenance now becomes rate related as the other sources dry up. Rates must take up the slack.

Some examples of rate dependency and looming crisis are; In the 80s MWD was 70% dependent on rates. In 2011 they were 85%. At the same time, water sales are holding even or dropping due to increased efficiencies and conservation.

Another example given was: The City of San Francisco water sales in 2011 was lowest since 1999 but expenditures are up.

Many agencies are trying to hold the line by increasing the participation of employees' contributions to and for their retirement and health care benefits.

None of this is any real surprise. As a result, water rates are going to continue to rise. For them to pass and be accepted it is absolutely critical that agencies communicate with the rate payer. There must be transparency. There must be solid plans presented. Capital plans must be well thought out and their need fully explained.

Wednesday Lunch Program

“The California Water Bond”

In today's political and economic climate, the Bond has a very slim chance of passing. The consensus is: The need is recognized and the seriousness of the system failure is recognized but there is just not enough trust in State government to handle it and it doesn't have to be now. At this point in the conference, ACWA was still debating their support of moving the Bond to the 2014 ballot.

It would seem nothing will happen until a disaster occurs. There is just too much parochial attitude for progress to occur without some overriding disaster.

Wednesday Afternoon

“Water Conservation and Transfers”

This session had the potential of being very informational. However; it was so poorly done with difficulty in hearing, no handouts, and many slides shown so rapidly notes could not be taken. In spite of the poor presentation, a few points were gleaned. Among them: Can't get a water right but can get a change. If you transfer water you are putting to use. Use of ground water is and can be a surface water transfer.

The three basic rules for transfer are:

1. No injury to any legal user.
2. There is to be no unreasonable effects on fish, etc.
3. No unreasonable impact to the overall economy.

The “No Injury rule” means to other legal users. Not just too prior users but any other user. This protects junior users from senior user.

“The Public Records Act”

A very good session. An Advanced Training in the California Public Records Act Manual was handed out. A copy will be given to staff for their reference.

Some basic tenants covered were:

An agency must respond to a request for records. The purpose of the request is irrelevant. There are deadlines such as; an agency must determine and respond to the request within 10 days. Delivery does not have to be in 10 days.

Other facts regarding request are:

Agencies are not required to create a document or compile a list. Future records can't be requested before they exist. A record must exist. An agency may not just say “no” verbally. A denial must be in writing and must identify the person denying the request and must state the reason for denying it. An agency can't disclose to some and withhold from others.

Inspection and copying are to be done and made available during office hours. Restrictions are to fall under the “Rule of Reason”.

Fees can be charged. Inspections are to be at no charge. Charges can be made for copies. Those charges can include running the machine, material and staff time. Usually those charges average about 10 – 15 cents per page.

There are many stipulations and regulations regarding the “Act”. The training manual would be most helpful in tracking these details.

Thursday A.M. Session

“Ethics Training”

I attended the required bi annual Ethics Training session. I received a certificate of attendance which will be passed on to staff for the record and filling.

Thursday Lunch Meeting

“Implementation of the ESA”

An interesting perspective was given by Michael Bean, Councilor the Assistant Secretary Fish and Game and Wildlife and Parks Service.

According to Mr. Bean:

The list of endangered species is being greatly expanded by 2015. According to Mr. Bean those affected are voluntarily working for solutions. Advance notices of pending listings are being given. Due to this action there has been some limited success in avoiding the actual listing.

The biggest step in making co-equal goals work is to increase the dialog between water and Federal agencies. To make ESA work or to be effective everyone must have an open mind and be willing to adapt innovative measures.

In my mind this statement seemed to have a certain amount of disconnect with reality as I heard from later sessions on the ESA. The openness and adaptability seems to fall much more to the water side than the Fed. Side of the equation.

There appears to be some major concern about the difference in listing and regulation between State and Federal Agencies. The panel and presenters recognized this but offered no real solutions.

The issue of use of "Good Science" was brought up. There was admittance that "Best Available" science may not be "Good" science. One can't help but determine the regulating agencies are saying one thing and practicing something else. It was certainly apparent there is limited consideration given to economic circumstances.

One can only conclude we can't expect any relief from Congress which doesn't seem to be able to get anything done.

In all of this, DFG has no option but to press forward with efforts as they see them, to recover every species on the ES list.

Thursday Afternoon

"ESA and Critical Habitat and it Effect on Local Water Supply"

Critical Habitat is defined as the specific area essential to the conservation of a listed species. It can be occupied or unoccupied. An area may be excluded if exclusion outweighs inclusion unless the result it would be extinction. If an HCP is in place, DFG may exclude the area from CH.

The ESA states that economic impacts must be considered. It also states that Government will consult with water agencies when they are affected. Unfortunately these factors are where there seems to be a disconnect between what is stated and what is reality. In

practicality, they don't. They tend to make the decision then inform those affected. Such was the case in two of the cases presented during the session.

Judging from their record, not what they say, and recent actions, Casitas should not expect any openness or consideration when it comes time for our Biological Opinion update.

Friday Breakfast Meeting

"Decision 2012"

Kevin Eckery, Political Analyst from Sacramento, commented on the political climate.

Based upon the political and economic climate it is probably best ACWA has made the determination to support moving the Water Bond issue to the 2014 election.

California is facing a "Perfect Storm" for the 2012 elections. Mostly based upon the issues of Redistricting and the Open Vote. The predictions are that both Prop. 29 and the Term Limit initiative will be defeated. In all likelihood the Nov. ballot will be a rerun of the June ballot as far as the election of several legislative offices are concerned. Much of the discussion centered on Northern California and the San Diego Area.

ACWA 2012 SPRING CONFERENCE AND EXHIBITION

MAY 8-11 MONTEREY – CALIFORNIA

Tuesday, May 8

Attended- Welcome Reception in Exhibit Hall

Wednesday, May 9

Attended - Opening Breakfast: Building Bold

Author Dan McNichol gave an insightful look at how infrastructure was built in the past and how it's being approached today. Mr. McNichol is one of AIG's main risk management consultants. His job is to advise them on what the risks are on major projects such as the new Bay Bridge in San Francisco. In the United States there are more than 60,000 bridges, 85,000 dams, 53,000 water systems. He feels that at least 25% need to be upgraded. How to pay for all of these projects is the question. The Bay Bridge was a very special project because it was required to be built to withstand an 8.0 earthquake. It took three years to complete and was built without interruption to the 300,000 cars that use it daily.

Attended – Investing in Water Systems – A View from the Cities
City water systems are competing with a variety of other city services for funding. This panel explored the different ways they have been successful in meeting these challenges.

Jessica Hess (City of Sacramento) gave three bullet points to aim for in starting a campaign to rebuild Sacramento's water system.

- 1. Educate**
- 2. Gather Support**
- 3. Get feedback**

They had over 1100 participate in a survey called "Your Voice - Your Utility." They gave tours of their system and contacted all the major players in the city to get support.

Maureen Barry (San Francisco Public Utilities Commission) told us of their struggles to get their 2.6 million customers to accept the rate increases that were necessary to update their system. Social media was a big part of their campaign.

Shana Epstein (City of Ventura Water Department Manager) gave us a look at how they were able to get the City Council to

authorize the construction of a new recycle plant. She felt that the formation of a Citizens Council was the key to get rate payers to feel comfortable with the multi million dollar project.

Martin Querin (Assistant Director City of Fresno) has 180 employees, 550,000 residents, 145,000 services, 1780 miles of water mains and 250 pumping plants. The area uses 145,000 AF per year. They are working on a one billion dollar – fifty year plan to update and start a recycling program. Their water table has dropped over 100 feet since 1980. It dropped 30 feet in the last ten years. A recharge program is in the works.

General Session Lunch – California Water Bond

Jim Earp, Executive Director of Calif. Alliance for Jobs told the audience that voter support of the Bond is about 60% with 40% against. Since there is not a pressing need for additional water now, most voters want to postpone the bond. The general feeling is the Bond will go on the ballot in 2014.

Attended - Human Resources Program

This was a summary of the Public Records Act. In 2004 voters made the CPRA a constitutional right by passing Proposition 59. I have attached a complete copy of the handout that covers just about every possible question about the public's right to know. I'm sure Rebekah has been to one of the classes, but this handout is very comprehensive and easy to use.

Thursday May 10

Attended - Networking Breakfast and visited the Exhibit Hall

Attended - Ethics Training to meet state-mandated requirements on AB 1234.

Attended - General Session Luncheon

The topic was "Implementation of the ESA."

The speaker was Michael Bean from the Fish and Wildlife and Parks Service, U.S. Department of the Interior. Also speaking was Douglas Wheeler, a partner in Hogan Lovells.

Both speakers agreed that the private and public sectors need

to improve their communication to meet the mandates of the ESA. Mr. Bean said the act is working, noting three species that have come off the list – Condors, Pelicans, and Grey Whales.

Attended - The Federal Issues Forum

Paul Robershotte from the Army Corps of Engineers gave a presentation on resetting the Corp's priorities. They were involved in 70,000 permit actions in the region last year. The Corps is under the Department of Defense and the proposed budget cuts that are coming will have an effect on what the Corps can do going forward. In 1983 their budget was 250 billion. The 2012 budget is 165 billion. They plan to have greater focus and fewer projects. Their motto for next year is 3-3-3. Projects that can be finished in three years, budgets of three million or less, and three levels of Corp participation.

Dr. Terry Fellp gave us and update on the Colorado River. Inflows vary radically from year to year. The Quagga Mussel is still a big problem in Lake Meade and the canal coming into

California. The water in Meade is starting to get clearer, and they are finding much more growth on the bottom of the lake. No one knows for sure what this will mean for water quality.

Don Glaser, Mid-Pacific Regional Director, introduced his team of people. There were ten or fifteen in attendance. He was very upbeat about the progress they have made on numerous projects around the Region. Mr. Glaser is a very people oriented person and knows how get things done. Russ asked some very good questions regarding the Matillja Dam and the Quagga Mussel. I think our presence at this meeting was very worth while from a public relations stand point. I'm sure the face to face contact has made our relationship a better one.

Friday May 11.

Attended the Hans Doe Forum Breakfast.

A handwritten signature in black ink, appearing to read "Bill Hicks", written in a cursive style.

Bill Hicks

Division 1

ACWA Conference
Report to the
Board of Directors
Monterey - 2012
Russ Baggerly

Thursday May10, 2012

Statewide Issues Forum: “The Business of Water: What is the Water Conservation Potential for the Commercial, Industrial, and Institutional Sector (CII)?”

Moderator: Frances Spivy-Weber

Randi Knott Patrick Pilz

Toby Roy Trudy Hughes

Toby Roy: SDWA Water Resource Manager reviews the work being done by a Task Force on the development and implementation of the legislation from SBX7 – 7.

The report outlines Metrics, Public Infrastructure to deliver recycled water, Barriers to increasing recycled water use, Technical feasibility and cost of the users BMP’s for efficient water use in the CII sector.

There is a focus on users. And a study of device Based Standards (e.g. gallons per flush, clothes washers, dish washers, etc.).

Alternative Water Supplies: Blowdown, process water, condensate, stormwater/rainwater, graywater.

The CII Sector is to be assessed individually because policies are not “one size fits all”.

Trudi Hughes, CA League of Food Processors reviews the innovations used by the Fruit and Vegetable Processors.

Energy and Water costs both are driving factors in the food industry. Cleaning, sanitizing, cooking, final packaging, canning, incidental use (restrooms, landscaping).

Water use 30 billion gallons per year. Olives – 8.5 – 11,000 g/ton
Tomatoes – 950 g/ton, Peaches – 2,800 g/ton.

The water can be utilized 7 times before it is released mostly for irrigation.

Patrick Pilz – California American Water Company. This gentleman spent lots of time talking about all the things the company does to try to conserve water. I could hardly listen. All I could think about was how the company would add up the tally of how much all this outreach costs and add up the cost of any water conserved and use the resulting sum as justification for another rate increase before the CA PUC.

Randi Knott, CA Hotel and Lodging Association. She went through all the “green” things the hotel industry does to save water. The biggest water saver is that little sign in hotel rooms that encourages people to reuse towels and sleep on sheets for the two or three day stay of guests.

Take away for this session: review our water customers and evaluate the possibilities for water conservation.

Lunch Keynote Speakers

Michael Bean – Counselor to the Assistant Secretary Fish and Wildlife and Parks Services, U.S. Department of the Interior

Douglas Wheeler – Partner Hogan Lovells (developing comments for ACWA on the Advanced Notice of Proposed Rulemaking)

The main point was that Interior is looking for innovative ways to implement the Endangered Species Act through voluntary proactive preservation and protection of species before listing takes place.

ACWA’s main comment was that everything takes too long for industry.

Federal Issues

Paul Robershotte – USCOE stated that the Corps is looking to reset priorities and focus. They administered 7 billion in stimulus funds. There are diminishing pool resources and a diminishing asset base. The levee system in

the U.S. needs 100 billion. Sequestration will require a 50% reduction in budget.

Dr. Terry Fulp – Interim Lower Colorado Regional Director, outlined the plusses and minuses of the Colorado River water storage and delivers system. What is the trend? Downward, in average annual flows.

Donald Glaser – Mid-Pacific Regional Director – After softening up the audience with glowing introductions of all of the staffers present he proceeded to outline the accomplishments of the last four years of his tenure. He and his staff have completed projects that have been stumbling along for 20 to 25 years. One that I can remember is the CVP Intertie. In conversations before the meeting began it sounded very much like Don is seriously considering retirement in the near future. I did invite him again to come and visit CMWD. He mentioned September or October. We should send him an invitation so he can schedule it.

Water district wins award

By From staff reports

Saturday, May 5, 2012

The Casitas Municipal Water District's twice-yearly print newsletter, Casitas Water News, has won a first-place award from the California Association of Public Information Officers.

The association gave the Casitas newsletter a 2012 Excellence in Communications Award in the External Newsletter category. The association gives out 16 awards each year for a range of media projects, and this is the first time the Casitas newsletter has won. More than 100 agencies vied for an award this year.

Casitas produces one newsletter each winter and one in the summer. The newsletter is mailed to 30,000 households in Ojai, the Ojai Valley and Ventura that are served by Casitas. Casitas has been producing a print newsletter for the public for several years.

Ron Merckling, Casitas' Water Conservation/Public Affairs manager, writes the stories for the full-color newsletter. He and Casitas staffers take the photos, and graphic designer Joan Phelps of Ventura-based Whisenhunt Communications designs and lays out the newsletter. Whisenhunt Communications also provides proofreading services.

To share news about your company or business-related organization, email dpeschka@VCStar.com. If there is an event involved, please email the information at least three weeks in advance of the event.



© 2012 Scripps Newspaper Group — Online

Eye on the environment: Start a conversation about water conservation

By Cinnamon McIntosh
Eye on the Environment

Saturday, May 5, 2012

May is Water and Watershed Awareness Month. As warmer weather approaches, conversations about water conservation can bring positive change.

My job as a water conservationist depends on my ability to start and sustain conversations about water. If we can get everyone talking about where their water comes from, how they use it, and what they can do to help conserve it, then we can make significant water use changes.

Let's look at some of my more frequent conversations. Perhaps they will inspire you to carry on similar water conversations in your home, neighborhood, coffee shop and meetings.

"We are not currently in a drought, so why conserve water?"

One of my standard responses to this question is, "The opposite of conserving is wasting."

Most of us feel uncomfortable wasting money, gas and other items. Wasting water should feel even more uncomfortable because we share it with the environment. Wasting it drains our local reservoirs and groundwater basins. In the Ojai Valley, it literally drains Lake Casitas.

One of the easiest ways to conserve is to embrace technology. New toilets, washing machines and irrigation controllers help save water effortlessly. Plus, many water districts offer financial incentives to encourage adoption of these technologies.

Another severe drought will hit our region someday. Let's prepare.

"How much should I water my lawn or garden?"

Overwaterers are often shocked when I exclaim, "It doesn't rain this much in Ireland!" In fact, a typical overwatered lawn in Southern California often receives twice as much water as the annual rainfall of the Emerald Isle.

Simple calculations can determine precisely how much water your landscape needs. Many water districts offer free home water surveys to help you figure out exactly what

your garden needs. Visit water district websites to get water-saving tips.

One simple way to lower the water demand in your planting beds is by mulching, which prevents evaporation and plant heat stress. Sometimes free mulch is available from local cities and sanitary districts.

"I don't like California native plants."

Well, some are not stunners, but many are amazing. Check out the varieties and hybrids growers have developed in recent years. Most natives rely on deep-digging tap roots and perform vibrantly only when their roots are established. Unfortunately, this is not the condition you will find them in at your local nursery. Native plants in a 4-inch pot are not showing their true colors. Beautiful native gardens appear often in landscape magazines. Copy their designs.

Grass is useful for pets and children, but the unused square lawn is a landscape principal that stems from Victorian English row houses. It is a dinosaur of colonialism.

If you just can't seem to grasp the beautiful concept of native gardens, then I promise there are plenty of lovely Australian, South African and Mediterranean plants requiring nearly no irrigation. Visit www.ventura.watersavingplants.com to see more than 40 landscapes throughout Ventura County that have adopted waterwise plants. A customizable plant database enables you to print lists of your favorites that you can take to your local nursery. You do not need to be a designer to re-create the gardens you find there.

I invite you to begin all sorts of water conservation conversations with your family, friends and neighbors. Also, speak with your local water provider to ask about conservation programs and services. In turn, help your local water district keep an eye on the environment by keeping an eye on your own irrigation system. Check it monthly, enjoy summer and be mindful of your water use.

On the Net: <http://www.casitaswater.org>; <http://www.venturawatershed.org>

Cinnamon McIntosh is a water conservation specialist for the Casitas Municipal Water District. Representatives of government or nonprofit agencies who want to submit articles on environmental topics for this column should contact David Goldstein at david.goldstein@ventura.org.



© 2012 Scripps Newspaper Group — Online