



Board of Directors

Brian Brennan, Director
Richard Hajas, Director
Neil Cole, Director

Mary Bergen, Director
Pete Kaiser, Director

CASITAS MUNICIPAL WATER DISTRICT Meeting to be held at the

The meeting will be conducted via teleconference.

Join Zoom Meeting

<https://us06web.zoom.us/j/98414854813?pwd=UXhtWS9zdm83ZU5CazNXenlEVEIRUT09> Meeting ID:
984 1485 4813 Passcode: 757052

To join via telephone please call (888) 788-0099 or (877) 853-5247

Enter Meeting ID: 984 1485 4813# Passcode: 757052#

March 23, 2022 @ 5:00 PM

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.

Special Accommodations: 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)).

1. CALL TO ORDER
2. ROLL CALL
3. AGENDA CONFIRMATION

4. PUBLIC COMMENTS - Presentation on District related items that are not on the agenda - three minute limit.
5. CONSENT AGENDA
 - 5.a. Accounts Payable Report.
[Accounts Payable Report..pdf](#)
 - 5.b. Minutes of the March 9, 2022 Board Meeting.
[3 09 2022 Min.pdf](#)
 - 5.c. Resolution proclaiming a local emergency persists, re-ratifying the proclamation of a State of Emergency by Executive Order, and re-authorizing remote teleconference meetings of the legislative bodies of Casitas Municipal Water District for the period March 24, 2022 to April 22, 2022 pursuant to Brown Act provisions.

[Resolution Subsequent AB 361.pdf](#)
6. PUBIC HEARING ON REDISTRICTING OF CASITAS MWD DIVISION MAPS
 - 6.a. Open Public Hearing.
 - 6.b. Receive Staff Report and Recommendations.
[Board Memo for Redistricting Hearing 032322.pdf](#)
[CasitasMWD_PlanA1_8.5x11.pdf](#)
[CasitasMWD_PlanA1_UrbanArea_8.5x11.pdf](#)
[CasitasMWD_PlanB1_8.5x11.pdf](#)
[CasitasMWD_PlanB1_UrbanArea_8.5x11.pdf](#)
[CasitasMWD_PlanC1_8.5x11.pdf](#)
[CasitasMWD_PlanC1_UrbanArea_8.5x11.pdf](#)
[CasitasWaterDistrict_CVAP_Current_PlanA-C_202203118.pdf](#)
[CasitasWaterDistrict_Pop_Current_PlanA-C_202203118.pdf](#)
 - 6.c. Report from the Clerk of the Board on any Written Communications.
 - 6.d. Public Comments.
 - 6.e. Discussion by the Board of Directors and possible action on the Redistricting of Casitas MWD Division Maps.
7. PUBLIC HEARING REGARDING POSSIBLE INCREASE OF BOARD COMPENSATION
 - 7.a. Open Public Hearing.

- 7.b. Receive Staff Report and Recommendations.
[Memo-Board Compensation Hearing and Ordinance.pdf](#)
[Ordinance 2022-02.pdf](#)
- 7.c. Report from the Clerk of the Board regarding Written Communications.
- 7.d. Public Comments.
- 7.e. Close Public Hearing.
- 7.f. Discussion by the Board of Directors and Possible Adoption of an Ordinance increasing Board Compensation.

8. ACTION ITEMS

- 8.a. Authorize the General Manager to execute the Service Agreement with the US Bureau of Reclamation (USBR) for 30% Design of Hollow Jet Valve at Casitas Dam in an amount not to exceed \$150,000.00.
[220323 - Hollow Jet 30% Design Board Memo.pdf](#)
[Casitas Reclamation Service Agreements \(CGB and TSC\).pdf](#)
- 8.b. Award the contract for the Mutual Well #6 Rehabilitation, Specification No. 21-448, to General Pump Company, Inc. in the amount of \$131,175, and the President of the Board execute an agreement for said work.
[220323 - Board Memo for Mutual Well 6 Rehabilitation.pdf](#)
[220311 - Bid Summary - 20-438.pdf](#)
- 8.c. Approval of a Lake Casitas Recreation Area Commercial Permit fee.
[Board Memo Commercial Activity Fee 032322.pdf](#)
- 8.d. Set a hearing for the proposed adjustment of certain user fees at the Lake Casitas Recreation Area for April 13, 2022.
[Board Memo - LCRA Fee Survey 032322.pdf](#)
[LCRA Proposed User fee schedule 032322 ATT1.pdf](#)
- 8.e. Adoption of a resolution supporting the annexation of the parcels within the Tico Mutual Water Company to the Ventura River Water District.
[Board Memo VRWD Annexation Request 032322.doc](#)
[Ltr to Casitas Tico Mutual Annexation 032322 ATT1.pdf](#)
- 8.f. Approval of the transfer of eight acre-feet of Casitas MWD Stage 1 water supply allocation from the Tico Mutual Water Company to the Ventura River Water District.

[Board Memo Tico to VRWD Allocation Transfer 032322.pdf](#)
[Allocation Transfer - Tico - VRWD Consolidation Agreement wo attachments 032322 ATT1.pdf](#)
[Allocation Transfer - VRWD Engineers Report Tico Annexation 032322 ATT2.pdf](#)

- 8.g. Adoption of the Draft Casitas MWD 2021 Water Supply and Demand Study.
[Board Memo 2021 Casitas MWD Supply - Demand Study 032322.pdf](#)
[Casitas MWD Draft Supply and Demand Study 2021 030922 ATT1.pdf](#)

9. INFORMATION ITEMS

- 9.a. Hydrology report.
[Hydrology Report.pdf](#)
- 9.b. Recreation Committee Minutes.
[Rec Minutes 030822.pdf](#)
- 9.c. Casitas MWD Comments on Draft City of Ventura 2022 Comprehensive Water Resources Report.
[CMWD_City_CWRRLetter 032322.pdf](#)
[City CWRR - CMWD_City_UWMPLetter_051421 ATT1.pdf](#)

10. GENERAL MANAGER COMMENTS

11. BOARD OF DIRECTOR REPORTS ON MEETINGS ATTENDED

12. BOARD OF DIRECTOR COMMENTS PER GOVERNMENT CODE SECTION 54954.2(a).

13. CLOSED SESSION

- 13.a. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Government Code Section 54956.9(a) Santa Barbara Channelkeeper v. State Water Resources Control Board, City of San Buenaventura, et al.; and City of San Buenaventura v Duncan Abbott, et al., Cross Complaint; Superior Court of the State of California, County of Los Angeles, Case No. 19STCP01176.
- 13.b. Public Employee Performance Evaluation (Government Code 54957) Title: General Manager.

14. ADJOURNMENT

CASITAS MUNICIPAL WATER DISTRICT
General Fund Check Authorization
Checks Dated 03/03/22 - 03/16/22
Presented to the Board of Directors For Approval March 23, 2022

Check	Payee		Description	Amount
001108	Payables Fund Account	# 9759651478	Accounts Payable Batch 030922	\$ 389,111.96
001110	Payables Fund Account	# 9759651478	Accounts Payable Batch 031622	\$ 454,186.89
				<u>\$ 843,298.85</u>
001109	Payroll Found Account	# 9469730919	Estimated Payroll 04/07/22	\$ 244,000.00
			Total	<u>\$ 1,087,298.85</u>

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, 001108-001110 have been duly audited is hereby certified as correct.



Janyne Brown, Chief Financial Officer

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.

001108 A/P Checks: 045912-045977
 A/P Draft 000289-000294
 Voids:
 045943 - J.W. Enterprises - Continuation of detail of check 045942
 045948 - Meiners Oaks ACE Hardware - Continuation of detail of check 045947

001110 A/P Checks: 045978-046031
 A/P Draft 000295
 Voids:
 046012 - Meiners Oaks ACE Hardware - Continuation of detail of check 046011
 046013 - Meiners Oaks ACE Hardware - Continuation of detail of check 046011



Janyne Brown , Chief Financial Officer

CERTIFICATION

Payroll disbursements for the pay period ending 03/05/22
Pay Date 03/10/22
have been duly audited and are
hereby certified as correct.

Signed: Jayne Brown
Jayne Brown

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
C-CHECK	VOID CHECK	V	3/09/2022			045943		
C-CHECK	VOID CHECK	V	3/09/2022			045948		
C-CHECK	VOID CHECK	V	3/16/2022			046012		
C-CHECK	VOID CHECK	V	3/16/2022			046013		

* * 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:	4	VOID DEBITS 0.00		
		VOID CREDITS 0.00	0.00	0.00

TOTAL ERRORS: 0

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
VENDOR SET: 01 BANK: TOTALS:	4	0.00	0.00	0.00
BANK: TOTALS:	4	0.00	0.00	0.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
05939	Health Equity							
I-INV3512327	Reimburse Med/Dep Care	D	3/09/2022	47.77		000289		47.77
00128	INTERNAL REVENUE SERVICE							
I-T1 202203071969	Federal Withholding	D	3/09/2022	41,634.02		000290		
I-T3 202203071969	SS Withholding	D	3/09/2022	43,449.90		000290		
I-T4 202203071969	Medicare Withholding	D	3/09/2022	10,161.74		000290		95,245.66
00187	CALPERS							
I-PBB202203071969	PERS BUY BACK	D	3/09/2022	130.46		000291		
I-PBP202203071969	PERS BUY BACK	D	3/09/2022	161.96		000291		
I-PEB202203071969	PEPRA EMPLOYEES PORTION	D	3/09/2022	12,136.16		000291		
I-PEM202203071969	PERS EMPLOYEE PORTION MGMT	D	3/09/2022	1,837.91		000291		
I-PER202203071969	PERS EMPLOYEE PORTION	D	3/09/2022	7,157.80		000291		
I-PRB202203071969	PEBRA EMPLOYER PORTION	D	3/09/2022	13,646.47		000291		
I-PRR202203071969	PERS EMPLOYER PORTION	D	3/09/2022	11,883.37		000291		46,954.13
00180	S.E.I.U. - LOCAL 721							
I-COP202203071969	SEIU 721 COPE	D	3/09/2022	12.50		000292		
I-UND202203071969	UNION DUES	D	3/09/2022	889.25		000292		901.75
00049	STATE OF CALIFORNIA							
I-T2 202203071969	STATE WITHHOLDING (CA)	D	3/09/2022	15,991.39		000293		15,991.39
05790	STATE OF OREGON							
I-OST202203071969	OR STATE TRANSIT TAX	D	3/09/2022	5.63		000294		
I-T2 202203071969	STATE WITHHOLDING (OR)	D	3/09/2022	415.12		000294		420.75
05939	Health Equity							
I-INV3537379	Reimburse Med/Dep Care	D	3/16/2022	87.31		000295		87.31
02587	A&M LAWNMOWER SHOP							
I-51535	Trash Can - MAINT	R	3/09/2022	106.09		045912		106.09
01325	Aflac Worldwide Headquarters							
I-188988	Supplemental Insurance 02/22	R	3/09/2022	3,105.76		045913		3,105.76
03044	Amazon Capital Services							
I-1141-J6Y9-JNCM	Shower Drain - LCRA	R	3/09/2022	265.92		045914		
I-146T-RQY3-PGX1	Conopie - EM	R	3/09/2022	136.20		045914		
I-1CX9-NH6C-WWPH	T-Shirts - MAINT	R	3/09/2022	103.62		045914		
I-1D6L-XYR6-KTLJ	Gigabit VPN Router - EM	R	3/09/2022	428.99		045914		
I-1FN3-H74W-13DP	Caution Tape - LCRA	R	3/09/2022	115.74		045914		
I-1L1P-7P1V-JVGJ	VPN Router - EM	R	3/09/2022	1,196.92		045914		
I-1L3K-NHTN-PLGC	Spark Plug - MAINT	R	3/09/2022	36.23		045914		
I-1XLJ-61FC-77NL	Stamps - MAINT	R	3/09/2022	25.40		045914		2,309.02

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00840	AQUA-METRIC SALES COMPANY Autoread Seat Licenses - UT	R	3/09/2022	1,320.00		045915		1,320.00
03429	AT&T Acct#80030939773	R	3/09/2022	12.32		045916		12.32
00021	AWA OF VENTURA COUNTY Water Wise Training - Board/MG	R	3/09/2022	120.00		045917		
	I-06-13946 CCWUC Training - ENG	R	3/09/2022	120.00		045917		240.00
00030	B&R TOOL AND SUPPLY CO Cabin Air Filters - Unit 113	R	3/09/2022	146.54		045918		
	I-1900970064 Spirol Pins - PL	R	3/09/2022	11.81		045918		158.35
05946	Bird Electronic Corporation SiteHawk, 1-6000 MHz Antenna	R	3/09/2022	5,785.62		045919		5,785.62
03733	Stuart Birdsey Safety Boot Stipend	R	3/09/2022	205.00		045920		205.00
09182	CalPERS Unfunded Accrued Liab. 03/22	R	3/09/2022	60,562.33		045921		60,562.33
00117	CERTEX USA, INC Clevis Grab - PL	R	3/09/2022	12.93		045922		12.93
00058	COAST TO COAST O Rings - LCRA	R	3/09/2022	2.47		045923		2.47
01843	COASTAL COPY Sealant & Brush - TP	R	3/09/2022	141.93		045924		141.93
01483	CORVEL CORPORATION 1102WC200000006 DOS 11/05/21	R	3/09/2022	33.48		045925		33.48
01764	DataProse, LLC UB Mailing 02/22	R	3/09/2022	4,101.58		045926		4,101.58
05806	Deere Credit Inc Tractor - Dist. Maint	R	3/09/2022	22,680.66		045927		22,680.66
00076	DEKREEK TECHNICAL SERVICES OWS/CMWD PLC/SCADA Mods	R	3/09/2022	8,124.00		045928		8,124.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00081	DELTA LIQUID ENERGY Replace Stage Regulator - LCRA	R	3/09/2022	231.82		045929		231.82
03910	DoiT International USA, INC Google Apps 02/22	R	3/09/2022	1,658.58		045930		1,658.58
00095	FAMCON PIPE & SUPPLY Ball Valves - PL	R	3/09/2022	5,707.95		045931		
	I-S100069502.001 I-S100073507.001 4"X2" Saddle - PL	R	3/09/2022	375.38		045931		6,083.33
00013	FERGUSON ENTERPRISES INC Gates Valves - PL	R	3/09/2022	3,299.32		045932		
	I-0790465 I-0790959 Grease Gun Kit & Megalug - PL	R	3/09/2022	645.30		045932		3,944.62
00099	FGL ENVIRONMENTAL Annual Reservoir Monitoring	R	3/09/2022	745.00		045933		
	I-201342C I-201707A OWS- San Antonio TP - Mn 02/01	R	3/09/2022	16.00		045933		
	I-201708A OWS-San Antonio TP - Mn 02/01	R	3/09/2022	32.00		045933		
	I-202126A DBP Monitoring Stage 2 2/02/22	R	3/09/2022	966.00		045933		
	I-202127A Plant Effluent DBP 02/02/22	R	3/09/2022	251.00		045933		
	I-202534A Nitrate Monitoring 02/15/22	R	3/09/2022	54.00		045933		2,064.00
00103	FRANK'S ROOTER & PUMPING Septic Tank Pump - TP	R	3/09/2022	845.00		045934		845.00
00104	FRED'S TIRE MAN Tires - Unit 44	R	3/09/2022	483.12		045935		483.12
00485	FRUIT GROWERS SUPPLY COMPANY Lopper & Pruner - MAINT	R	3/09/2022	127.61		045936		127.61
00109	G&S BUILDING SUPPLIES, INC Lumber - TP	R	3/09/2022	92.71		045937		92.71
02720	Garda CL West, Inc. Armored Truck Service	R	3/09/2022	499.51		045938		499.51
00115	GRAINGER, INC Drum Spill Container Return-TP	R	3/09/2022	238.15CR		045939		
	I-9205197057 Spill Collector & Portable Loc	R	3/09/2022	622.24		045939		384.09
00369	HARRINGTON INDUSTRIAL PLASTICS WYE PVC Return - TP	R	3/09/2022	39.11CR		045940		
	I-013C1753 Fittings - TP	R	3/09/2022	280.67		045940		
	I-013C1808 WYE PVC - TP	R	3/09/2022	18.47		045940		260.03

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01634	INTERSTATE BATTERIES							
I-55642418	Generator Battery - EM	R	3/09/2022	141.95		045941		141.95
09910	J.W. ENTERPRISES							
I-347430	CT Pumping - AVE 1PP	R	3/09/2022	76.50		045942		
I-347431	CT Pumping - VILLANOVA	R	3/09/2022	76.50		045942		
I-347432	CT Pumping - OVPP	R	3/09/2022	76.50		045942		
I-347433	CT Pumping - 4M PP	R	3/09/2022	76.50		045942		
I-347434	CT Pumping - GRAND AVE.	R	3/09/2022	76.50		045942		
I-347435	CT Pumping - 4M RES	R	3/09/2022	76.50		045942		
I-347436	CT Pumping - SA PLANT	R	3/09/2022	153.00		045942		
I-347437	CT Pumping - UPPER OJAI RES.	R	3/09/2022	76.50		045942		
I-347438	CT Pumping - 3M PUMP	R	3/09/2022	76.50		045942		
I-347439	CT Pumping - SIGNAL RES.	R	3/09/2022	76.50		045942		
I-347440	CT Pumping - FAIRVIEW RES.	R	3/09/2022	76.50		045942		
I-347441	CT Pumping - CASITAS DAM	R	3/09/2022	76.50		045942		
I-347442	CT Pumping - RINCON TANK	R	3/09/2022	76.50		045942		
I-347443	CT Pumping - BATES RES.	R	3/09/2022	76.50		045942		1,147.50
02344	Janitek Cleaning Solutions							
I-43934A	Janitorial Service - DO	R	3/09/2022	2,630.91		045944		2,630.91
03888	Eric Lara							
I-030422	Reimburse Expenses 02/22	R	3/09/2022	299.99		045945		299.99
05949	Wendy Larner							
I-030322a	Irrigation Controller Rebate	R	3/09/2022	134.99		045946		
I-030322b	Irrigation Controller Rebate	R	3/09/2022	180.00		045946		314.99
00151	MEINERS OAKS ACE HARDWARE							
I-996402	Utility Knife - PR	R	3/09/2022	10.71		045947		
I-997293	1/4" Valve - TP	R	3/09/2022	8.09		045947		
I-997575	Spray Paint - UT	R	3/09/2022	29.64		045947		
I-997865	Brass union & Nipple - UT	R	3/09/2022	18.61		045947		
I-997915	Hose Mender Clamp - TP	R	3/09/2022	39.00		045947		
I-997957	Grouts - LCRA	R	3/09/2022	14.63		045947		
I-997963	Concrete Mix - PL	R	3/09/2022	47.07		045947		
I-997987	Bit Drill & Screws - LCRA	R	3/09/2022	11.30		045947		
I-998096	Joint Compound - LCRA	R	3/09/2022	26.97		045947		
I-998100	Paint - LCRA	R	3/09/2022	75.76		045947		
I-998124	Ball Valve & Fittings - LCRA	R	3/09/2022	50.25		045947		
I-998125	Adhesive - LCRA	R	3/09/2022	14.03		045947		
I-998180	Fittings - LCRA	R	3/09/2022	6.07		045947		
I-998292	Trap & Pipe Fittings - LCRA	R	3/09/2022	200.60		045947		
I-998294	Cement ABS - LCRA	R	3/09/2022	8.77		045947		
I-998299	Blue Tarp & Cleaner - FISH	R	3/09/2022	24.92		045947		
I-998436	Plastic Fittings - LCRA	R	3/09/2022	73.27		045947		
I-998473	Bolts & Screws - LCRA	R	3/09/2022	15.91		045947		675.60

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
03724	Michael K. Nunley & Associates							
I-10364	OWS-Casitas System Integration	R	3/09/2022	7,739.42		045949		
I-10365	OVPP Performance Evaluation	R	3/09/2022	103.52		045949		
I-10366	Upper Foothill PL Replacement	R	3/09/2022	1,159.78		045949		
I-10377	Mutual Well#7 Equipment - ENG	R	3/09/2022	5,501.50		045949		14,504.22
03444	Mission Linen Supply							
I-516516065	Uniform Pants - PL	R	3/09/2022	17.00		045950		
I-516568563	Uniform Pants - MAINT	R	3/09/2022	27.84		045950		
I-516568566	Uniform Pants - TP	R	3/09/2022	43.56		045950		88.40
00163	OFFICE DEPOT							
I-229884229001	Batteries - DO	R	3/09/2022	117.93		045951		
I-229948066001	Office Supplies - DO	R	3/09/2022	800.01		045951		
I-229948067001	Calendar - DO	R	3/09/2022	14.15		045951		932.09
01570	Ojai Auto Supply							
I-539532	Battery Cables - TP	R	3/09/2022	25.95		045952		
I-539560	Battery Cables - TP	R	3/09/2022	6.10		045952		32.05
00165	OJAI LUMBER CO, INC							
I-2202-676031	Road Base - LCRA	R	3/09/2022	184.56		045953		
I-2203-676245	Road Base - LCRA	R	3/09/2022	128.70		045953		
I-2203-676454	Douglas Fir - LCRA	R	3/09/2022	48.13		045953		
I-2203-676684	Line Post & Concrete Mix - LCR	R	3/09/2022	161.60		045953		522.99
00884	OJAI TERMITE & PEST CONTROL, I							
I-223825	Monthly Rodent Service Casitas	R	3/09/2022	65.00		045954		
I-223829	Monthly Rodent Service - MAINT	R	3/09/2022	75.00		045954		140.00
00169	OJAI VALLEY SANITARY DISTRICT							
I-23893	Cust #20594	R	3/09/2022	299.60		045955		299.60
00169	OJAI VALLEY SANITARY DISTRICT							
I-23971	Cust #52921	R	3/09/2022	59.92		045956		59.92
04531	Peace Officers Research Associ							
I-663631	PORAC Insurance for Rangers	R	3/09/2022	315.00		045957		315.00
00188	PETTY CASH							
I-030422	Replenish Safe - LCRA	R	3/09/2022	25.00		045958		25.00
00907	PR DIAMOND PRODUCTS, INC.							
C-0061083-INb	Accrue Use Tax	R	3/09/2022	98.96CR		045959		
D-0061083-INa	Accrue Use Tax	R	3/09/2022	98.96		045959		
I-0061083-IN	Ductile Iron Saw Blade - PL	R	3/09/2022	1,385.00		045959		1,385.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00790	PROFORMA I-BI85006530A Coveralls - TP	R	3/09/2022	283.35		045960		283.35
05911	Provost & Pritchard Consulting I-90661 Confirmation of Wheeling Costs	R	3/09/2022	1,167.50		045961		1,167.50
10042	PSR ENVIRONMENTAL SERVICE, INC I-10726 Gas Tank Inspection - DO	R	3/09/2022	230.00		045962		
	I-10727 Gas Tank Inspection - LCRA	R	3/09/2022	230.00		045962		
	I-10762 Install 500 Pulsers - DO/LCRA	R	3/09/2022	1,642.25		045962		2,102.25
02900	Greg Romey I-Feb 22 Reimburse Expenses 02/22	R	3/09/2022	1,470.49		045963		1,470.49
05557	Keegan Shirck I-Feb 22 Reimburse Expenses 02/22	R	3/09/2022	375.43		045964		375.43
04635	John Simon I-030722 Reimburse Expenses 03/22	R	3/09/2022	299.99		045965		299.99
00215	SOUTHERN CALIFORNIA EDISON I-030322 Acct#700030209177	R	3/09/2022	12,936.05		045966		
	I-030422a Acct#700028735181	R	3/09/2022	11,081.03		045966		
	I-030422b Acct#700029026585	R	3/09/2022	2,375.42		045966		
	I-030422c Acct#700598317666	R	3/09/2022	35.79		045966		
	I-030822 Acct#700009638309	R	3/09/2022	25.45		045966		26,453.74
05786	Stericycle, Inc. I-8001148246 Shredding Service - DO	R	3/09/2022	276.38		045967		276.38
02703	Sunbelt Rentals I-122521054-0001 Forklift Rental - TP	R	3/09/2022	978.96		045968		978.96
05779	The Spine and Orthopedic Cente I-6/15847797-1 1102WC200000006 DOS 11/05/21	R	3/09/2022	323.94		045969		323.94
00247	County of Ventura I-330776 Encroachment Permit PE21-0696-	R	3/09/2022	170.00		045970		
	I-330866 Encroachment Permit PE22-0187	R	3/09/2022	370.00		045970		540.00
01283	Verizon Wireless I-9901012943 Monthly Cell Charges - DO	R	3/09/2022	3,435.92		045971		
	I-9901013378 Monthly Cell Charges - LCRA	R	3/09/2022	422.92		045971		3,858.84

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00663	WAXIE SANITARY SUPPLY I-80712874 Janitorial Supplies - LCRA	R	3/09/2022	1,538.00		045972		1,538.00
00330	WHITE CAP CONSTRUCTION SUPPLY I-10015751091 Blue Cement - WP I-10015757360 Rebar - LCRA	R R	3/09/2022 3/09/2022	79.71 113.31		045973 045973		193.02
05869	Wingate Earthworks I-030822 Asphalt Patching - ENG	R	3/09/2022	29,689.40		045974		29,689.40
04010	CALIFORNIA STATE DISBURSEMENT I-CS5202203071969 200000001181291	R	3/09/2022	386.30		045975		386.30
00124	ICMA RETIREMENT TRUST - 457 I-DCI202203071969 DEFERRED COMP FLAT I-DI%202203071969 DEFERRED COMP PERCENT	R R	3/09/2022 3/09/2022	2,004.17 102.50		045976 045976		2,106.67
00985	NATIONWIDE RETIREMENT SOLUTION I-CUN202203071969 457 CATCH UP I-DCN202203071969 DEFERRED COMP FLAT I-DN%202203071969 DEFERRED COMP PERCENT	R R R	3/09/2022 3/09/2022 3/09/2022	480.77 7,521.29 413.02		045977 045977 045977		8,415.08
00010	AIRGAS USA LLC I-9986934051 Gas Cylinder Rental - PL	R	3/16/2022	371.35		045978		371.35
00012	ALL-PHASE ELECTRIC SUPPLY CO. I-5665-1018966 Plastic Bush - ENG	R	3/16/2022	65.64		045979		65.64
03044	Amazon Capital Services C-1CCQ-71X7-7T9N Glove Return - MAINT I-1J7G-CFM1-GK96 Gloves - MAINT I-1KQG-CPHN-TJFD Respirators & Supplies - MAINT I-1LVQ-NHGG-R1XT Drum Containment - TP I-1QWG-GTWM-RW7J Bankers Boxes - ADMIN	R R R R R	3/16/2022 3/16/2022 3/16/2022 3/16/2022 3/16/2022	47.20CR 47.20 219.48 246.89 91.27		045980 045980 045980 045980 045980		557.64
00029	AMERICAN TOWER CORP I-3844245 Tower Rent - Red Mountain	R	3/16/2022	1,035.62		045981		1,035.62
00014	AQUA-FLO SUPPLY C-SCM0158256 Calder Coupling Return - LCRA I-SI1884089 Highlining Parts - UT	R R	3/16/2022 3/16/2022	34.41CR 294.74		045982 045982		260.33
00840	AQUA-METRIC SALES COMPANY I-INV0087333 MXU Radios & 4" Meters - UT	R	3/16/2022	24,642.14		045983		24,642.14

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01666	AT & T I-000017901681 Local, Reginal, Long Distance	R	3/16/2022	1,371.52		045984		1,371.52
00018	AT & T MOBILITY I-287290467941X0322 Acct#287290467941 I-287294256431X0322 Acct#287294256431 I-287299383384X0322 Acct#287299383384	R	3/16/2022	244.86 1,083.80 77.76		045985 045985 045985		1,406.42
03021	Central Communications I-000024-379-671 Call Center 02/22	R	3/16/2022	128.07		045986		128.07
04678	Cla-Val, Soundcast, Griswold C I-839975 Cla-Val Maint - AVE 2 I-839976 ClaVal Maint -San Antonio Well I-839977 ClaVal Maint Gorham Well I-839978 ClaVal CMWD E Oak View I-839979 ClaVal San Antonio 4 I-839980 ClaVal Maint Mira Monte Well I-839981 ClaVal Maint 4M PP	R	3/16/2022	7,595.91 5,553.17 3,241.29 5,665.81 2,466.94 6,716.39 4,054.59		045987 045987 045987 045987 045987 045987 045987		35,294.10
00059	COASTAL PIPCO I-S2172480.001 Sealant & Brush - TP	R	3/16/2022	141.93		045988		141.93
00719	CORELOGIC INFORMATION SOLUTION I-82121695 Realquest Subscription	R	3/16/2022	137.50		045989		137.50
02722	D&H Water Systems I-12022-0362 Chlorine Parts - TP	R	3/16/2022	1,801.72		045990		1,801.72
00740	DELL MARKETING L.P. I-10567681230 Monitor - TP	R	3/16/2022	210.27		045991		210.27
02544	Department of Justice I-568285 Fingerprinting - LCRA/WP	R	3/16/2022	192.00		045992		192.00
00086	E.J. Harrison & Sons Inc I-968a Acct#500766090	R	3/16/2022	545.98		045993		545.98
05937	Enterprise FM Trust I-FBN4413411 Vehicle Maintenance	R	3/16/2022	13,682.53		045994		13,682.53
00095	FAMCON PIPE & SUPPLY I-S100072779.001 8" Romac Macro HP Bolt - PL	R	3/16/2022	825.83		045995		825.83

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00013 I-0790974	FERGUSON ENTERPRISES INC C900 Pipe - PL	R	3/16/2022	4,075.50		045996		4,075.50
00101 I-0541889	FISHER SCIENTIFIC Tryptic Soy Broth - LAB	R	3/16/2022	109.35		045997		109.35
04467 I-29182	General Pump Company, Inc. Spare Well Motor - ENG	R	3/16/2022	5,661.73		045998		5,661.73
05932 I-031622	Ghitterman Ghitterman & Feld F 1102WC180000001 03/05-03/18/22	R	3/16/2022	580.00		045999		580.00
00115 I-9241461004 I-9242743251	GRAINGER, INC Wire Wheel Brush - TP Syringe 12ML Capacity - TP	R R	3/16/2022 3/16/2022	27.82 35.87		046000 046000		63.69
02217 I-35675	Greg Rents Tile Saw Rental - MAINT	R	3/16/2022	216.91		046001		216.91
00121 I-12901995 I-12921097	HACH COMPANY Ammonia Free & Total Che- LAB Sensor Cap - TP	R R	3/16/2022 3/16/2022	1,015.86 187.39		046002 046002		1,203.25
05746 I-799452	Hasa Inc. Chlorine for Ojai Sys. - TP	R	3/16/2022	3,401.97		046003		3,401.97
00596 C-4905164 I-1014281 I-4014186 I-4905145	HOME DEPOT Manvel Ash Mette Return - LCRA Lumber - TP Cabinets - TP Manvel Ash Matte - LCRA	R R R R	3/16/2022 3/16/2022 3/16/2022 3/16/2022	196.26CR 141.06 216.47 196.26		046004 046004 046004 046004		357.53
00894 I-5293781-0001-05	HOSE-MAN, INC. Hose - Unit 73	R	3/16/2022	265.04		046005		265.04
01177 I-3160117859	ICON SAFETY COMPANY INC. Calibration Gas Cylinder - PL	R	3/16/2022	354.44		046006		354.44
02344 I-44114A	Janitek Cleaning Solutions Floor Care - DO	R	3/16/2022	600.00		046007		600.00
00667 I-153379 I-153389	Kennedy/Jenks Consultants, Inc Wellfield Support - ENG On-Call Wellfield Tech - ENG	R R	3/16/2022 3/16/2022	1,337.50 5,060.16		046008 046008		6,397.66

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
03581	Legend Pump & Well Service Inc							
I-57248	San Antonio Well 3 Rehab - ENG	R	3/16/2022	22,847.50		046009		22,847.50
00329	MCMaster-CARR SUPPLY CO.							
I-74305194	Rubber Gromment - EM	R	3/16/2022	19.32		046010		19.32
00151	MEINERS OAKS ACE HARDWARE							
I-994851	Trash Can - PL	R	3/16/2022	29.76		046011		
I-995442	Roof Cement & Gloves - PL	R	3/16/2022	59.28		046011		
I-995525	Flat Boring & Sand - PL	R	3/16/2022	43.48		046011		
I-998174	Knife & Hand Weeder - UT	R	3/16/2022	24.96		046011		
I-998305	Insect Killer - EM	R	3/16/2022	35.11		046011		
I-998350	Plywood - PL	R	3/16/2022	173.61		046011		
I-998351	Tie Downs - PL	R	3/16/2022	32.16		046011		
I-998513	Trash Can & Storage Box - SAFE	R	3/16/2022	83.84		046011		
I-998624	Rubber Mallet & Brake Cleaners	R	3/16/2022	64.34		046011		
I-998662	Chainsaw, Bolts & Screws - PL	R	3/16/2022	62.61		046011		
I-998732	Knee Pads & Broom - MAINT	R	3/16/2022	63.01		046011		
I-998753	Shop Supplies - EM	R	3/16/2022	32.01		046011		
I-998768	Cement ABS - LCRA	R	3/16/2022	3.89		046011		
I-998843	Pole Snader & Sand Paper -LCRA	R	3/16/2022	12.67		046011		
I-998856	Rebar & Screws - LCRA	R	3/16/2022	64.09		046011		
I-998863	Screws - EM	R	3/16/2022	0.95		046011		
I-998878	Coupling Hose & Float Coarse	R	3/16/2022	16.18		046011		
I-999068	Chain Chainsaw - PL	R	3/16/2022	50.38		046011		
I-999113	Bolts & Screws - SAFE	R	3/16/2022	21.31		046011		
I-999120	Bolts & Screws - SAFE	R	3/16/2022	26.63		046011		
I-999140	Storage Boxes - EM	R	3/16/2022	135.08		046011		
I-999179	Cut Wheel - TP	R	3/16/2022	22.42		046011		
I-999320	Bolts & Screws - UT	R	3/16/2022	95.23		046011		
I-999419	Sandbags & Broom - TP	R	3/16/2022	133.60		046011		
I-999454	Vacuum Filters - PL	R	3/16/2022	86.84		046011		1,373.44
03724	Michael K. Nunley & Associates							
I-10305	Running Ridge Zone Improv -ENG	R	3/16/2022	5,473.75		046014		5,473.75
03444	Mission Linen Supply							
I-516652170	Uniform Pants - PL	R	3/16/2022	37.25		046015		
I-516652171	Uniform Pants - MAINT	R	3/16/2022	27.84		046015		
I-516652174	Uniform Pants - TP	R	3/16/2022	43.56		046015		108.65
03701	MNS Engineers, Inc.							
I-79631	LCRA EDA Grant Application	R	3/16/2022	21,657.50		046016		21,657.50

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01570	Ojai Auto Supply							
I-540117	Prestone Bug Wash & Cables -12	R	3/16/2022	47.21		046017		47.21
00165	OJAI LUMBER CO, INC							
I-2203-676800	RedWood - PL	R	3/16/2022	72.31		046018		
I-2203-677436	Douglas Fir - LCRA	R	3/16/2022	195.89		046018		
I-2203-677629	24" Steel FOrm Stake - LCRA	R	3/16/2022	187.90		046018		456.10
10072	PERMACOLOR, INC							
I-2202063	Oil Tank & Post with Plates	R	3/16/2022	283.40		046019		283.40
00188	PETTY CASH							
I-031422	Increase Petty Cash - LCRA	R	3/16/2022	2,000.00		046020		2,000.00
02187	Pitney Bowes Inc							
I-1020270052	Quarterly Postage Maint - ADM	R	3/16/2022	112.61		046021		112.61
05713	Pops Auto Repair							
I-0196	Transmission Oil Filter-Unit51	R	3/16/2022	763.21		046022		
I-0199	Oil Service - Unit 31	R	3/16/2022	126.56		046022		
I-193	Service Repair - Unit 83	R	3/16/2022	3,188.77		046022		4,078.54
00790	PROFORMA							
I-BI85006303A	Face Mask - SAFE	R	3/16/2022	269.38		046023		
I-BI85006479A	Uniform T-Shirts - PR	R	3/16/2022	129.19		046023		398.57
00788	QUINN COMPANY							
I-20790201	Excavator Rental -	R	3/16/2022	2,859.92		046024		
I-WO110105072	Forklift Service - Unit 287	R	3/16/2022	342.08		046024		
I-WON10017244	Robles Generator Maint - EM	R	3/16/2022	1,828.70		046024		5,030.70
01107	SAWYER PETROLEUM							
I-S141801	Gas - DO	R	3/16/2022	3,817.35		046025		
I-S141834	Diesel - LCRA	R	3/16/2022	3,638.87		046025		
I-S141838	Gas - LCRA	R	3/16/2022	3,870.81		046025		11,327.03
02756	SC Fuels							
I-2076998-IN	Diesel - DO	R	3/16/2022	541.18		046026		541.18
00048	STATE OF CALIFORNIA							
I-041422	State Water Plan Payment	R	3/16/2022	265,778.00		046027		265,778.00
02703	Sunbelt Rentals							
I-105170290-0023	Emergency Generator-Arbolada	R	3/16/2022	2,767.36		046028		2,767.36

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00808	SUPERIOR AWNING, INC. I-21122603-80 Final Payment on Awning -MAINT	R	3/16/2022	555.79		046029		555.79
00258	VENTURA STEEL, INC I-265538 Steel Tubing/Sheets - PL	R	3/16/2022	300.30		046030		300.30
00663	WAXIE SANITARY SUPPLY I-80727984 Janitorial Supplies - LCRA	R	3/16/2022	2,984.97		046031		2,984.97

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	116	683,650.09	0.00	683,650.09
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	7	159,648.76	0.00	159,648.76
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:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
	123	843,298.85	0.00	843,298.85
BANK: AP TOTALS:	123	843,298.85	0.00	843,298.85
REPORT TOTALS:	123	843,298.85	0.00	843,298.85

Adjudication Charge Fund Account

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.

Adj. Checks: 000056-000058

Voids:



Janyne Brown , Chief Financial Officer

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
05950 I-0253336	Daniel B. Stephens & Associate Ventura River Adjudication	R	3/09/2022	2,289.00		000056		2,289.00
00194 I-030722	City of Ojai Adjudication -Kear Groundwater	R	3/09/2022	9,217.60		000057		9,217.60
05782 I-00888.003-2	GSI Water Solutions, Inc CMWD Litigation Support	R	3/16/2022	24,552.75		000058		24,552.75

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	3	36,059.35	0.00	36,059.35
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:	0	VOID DEBITS 0.00 VOID CREDITS 0.00		

TOTAL ERRORS: 0

VENDOR SET: 01 BANK: ADJ TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
	3	36,059.35	0.00	36,059.35
BANK: ADJ TOTALS:	3	36,059.35	0.00	36,059.35
REPORT TOTALS:	3	36,059.35	0.00	36,059.35

Minutes of the Casitas Municipal Water District
Board Meeting Held
March 9, 2022

A meeting of the Board of Directors was held March 9, 2022. The meeting was held via teleconference.

1. CALL TO ORDER

President Brennan called the meeting to order at 5:00 p.m.

2. ROLL CALL

Directors Bergen, Kaiser, Cole, Hajas and Brennan are present. Also present are GM Flood, AGM Dyer, EA Vieira, and Counsel Mathews.

3. AGENDA CONFIRMATION

As presented with no changes

4. PUBLIC COMMENTS - Presentation on District related items that are not on the agenda
- three minute limit.

None

5. CONSENT AGENDA

5.a. Accounts Payable Report
[Accounts Payable Report.pdf](#)

5.b. Minutes of the February 23, 2022 Board Meeting.
[2 23 2022 Min.pdf](#)

The Consent Agenda was offered by Director Kaiser, seconded by Director Hajas and adopted by the following roll call vote:

AYES:	Directors:	Bergen, Kaiser, Cole, Hajas, Brennan
NOES:	Directors:	None
ABSENT:	Directors:	None

6. ACTION ITEMS

6.a. Award of the East and West Ojai Avenue Pipeline Replacement Project, Specification No. 19-411.

6.a.i. Reject the request for bid withdrawal from J. Vega Engineering, Inc. dated February 15, 2022; and

6.a.ii. Determine the bid from J. Vega Engineering, Inc. is non-responsive for failing to list all subcontractors; and

6.a.iii. Waive the minor irregularity in the bid from Burns Pacific Construction and award a contract to Burns Pacific Construction in the amount of \$3,876,088.00 for West and East Ojai Avenue Pipeline Replacement, Specification No. 19-411.

[220309 Board Memo](#)

[Award.pdf Bid Withdrawal Letter.pdf](#)

[Bid Protest - Tierra Contracting - Casitas Water - West and East Ojai Ave Waterline Project.pdf](#)

[casitaswater.com Mail - Bid Protest - West and East Ojai Avenue Pipeline Replacement, Spec No 19-411.pdf](#)

[Response to Bid protest on CMWD sPEC nO 19-411.pdf](#)

[19-004298 - WEST EAST OJAI AVE PIPELINE REPLACEMENT PROJECT - CASITAS](#)

[MUNICIPAL WATER DISTRICT Hardy Harper.pdf](#)

On the motion of Director Bergen, seconded by Director Cole, the three above recommendations were approved by the following roll call vote:

AYES: Directors: Bergen, Kaiser, Cole, Hajas, Brennan

NOES: Directors: None

ABSENT: Directors: None

6.b. Review of Casitas MWD State Water Project Table A Water Supply Calendar Year 2022 through 2027 Options.

[Board Memo for Casitas MWD SWP Table A Review 030922.pdf](#)

[CCWA Letter Agreement 030922 ATT1.pdf](#)

[United WCD LOI 030922 ATT2.pdf](#)

Options were discussed regarding State Water Project Table A Water Supply options with information provided from Central Coast Water Authority and United Water Conservation District.

Brian Collins, CFO of United Water provided public comment that United is prepared to move forward in a long term deal

Rh little water this first year – do as mike suggested 1 year central coast and look for a long term agreement with United.

On the motion of Director Cole, seconded by Director Hajas the board approved the recommendation by the following roll call vote:

AYES: Directors: Bergen, Kaiser, Cole, Hajas, Brennan

NOES: Directors: None

ABSENT: Directors: None

- 6.c. Setting a public hearing for review of the redistricting of Casitas MWD Division maps for the Regular Board Meeting of March 23, 2022.
[Board Memo for Redistricting Hearing 030922.pdf](#)

On the motion of Director Kaiser, seconded by Director Bergen, the above recommendation was approved by the following roll call vote:

AYES:	Directors:	Bergen, Kaiser, Cole, Hajas, Brennan
NOES:	Directors:	None
ABSENT:	Directors:	None

- 6.d. Resolution proclaiming a local emergency persists, re-ratifying the proclamation of a State of Emergency by Executive Order, and re-authorizing remote teleconference meetings of the legislative bodies of Casitas Municipal Water District for the period March 9, 2022 to April 8, 2022 pursuant to Brown Act provisions.
[Resolution Subsequent AB 361.pdf](#)

The Board discussed issues surrounding being back in the board room, such as possible mask requirements, operating hybrid meetings and the need to continue to adopt this resolution to allow for the types of remote meetings that have been conducted over the last few years. The board is hopeful to get back to in person meetings in the board room towards the end of April with the desire to have the equipment in place to allow for streaming and use of Zoom.

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

AYES:	Directors:	Bergen, Kaiser, Cole, Hajas, Brennan
NOES:	Directors:	None
ABSENT:	Directors:	None

- 6.e. Resolution nominating Calleguas Municipal Water District Division 2 Director, Scott Quady to the California Insurance Fund Board (an Association of California Water Agencies Joint Powers Authority Captive Insurance Company).
[Board Memo for Quady Nomination 030922.pdf](#)
[Reso Nomination of Scott Quady 030922](#)
[ATT1.pdf](#) [Caleguas MWD Scott Quady Bio 030922](#) [ATT2.pdf](#)

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

AYES:	Directors:	Bergen, Kaiser, Cole, Hajas, Brennan
NOES:	Directors:	None
ABSENT:	Directors:	None

7. INFORMATION ITEMS

- 7.a. State Water Project Intertie Project Report.
[SWP Intertie Project Cost 2-28-22.pdf](#)
- 7.b. CFD 2013-01 Project Cost Report.
[CFD 2013-1 Project Cost 2-28-2022.pdf](#)
- 7.c. Adjudication Charges Report.
[Adjudication Charges YTD 2.28.22.pdf](#)
- 7.d. Investment Report.
[Investment Report 2.28.2022.pdf](#)
- 7.e. Draft 2021 Casitas MWD Supply and Demand Study.
[Casitas MWD Draft Supply and Demand Study 2021 030922.pdf](#)

Director Hajas suggested the Water Supply and Demand Study be brought back to the Board for adoption.

8. GENERAL MANAGER COMMENTS

GM Flood reported that staff are working on the budget and a draft will be provided to the Finance committee in a few days. The committee will discuss it in April, review completed work in May and expect to hold a workshop at the beginning of June with Final approval at the end of June.

9. BOARD OF DIRECTOR REPORTS ON MEETINGS ATTENDED

President Brennan attended the AWA directors meeting and thanked Director Kaiser for his involvement with AWA. Director Kaiser added that he was also at attendance at the AWA meeting and he informed the board of an important meeting of UVRGA at 1:00 tomorrow. The Board then discussed quorum issues in attending or listening to a meeting via Zoom. Mr. Mathews stated this presents an interesting question.

10. BOARD OF DIRECTOR COMMENTS PER GOVERNMENT CODE SECTION 54954.2(a).

President Brennan stated we can look to schedule the Draft Supply and Demand Study for approval.

President Brennan moved the meeting to closed session at 5:56 p.m.

11. CLOSED SESSION

- 11.a. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Government Code Section 54956.9(a) Santa Barbara Channelkeeper v. State Water Resources Control Board, City of San Buenaventura, et al.; and City of San Buenaventura v Duncan Abbott, et al., Cross Complaint; Superior Court of the State of California, County of Los Angeles, Case No. 19STCP01176.

President Brennan moved the meeting back to open session at 6:35 p.m. with Mr. Mathews stating the board met in closed session with special and general counsel and received an update on the status of the case, discussed some strategy and no reportable action was taken.

12. ADJOURNMENT

President Brennan adjourned the meeting at 6:36 p.m.

Neil Cole, Secretary

CASITAS MUNICIPAL WATER DISTRICT

RESOLUTION NO. 2022-09

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CASITAS MUNICIPAL WATER DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY EXECUTIVE ORDER, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF CASITAS MUNICIPAL WATER DISTRICT FOR THE PERIOD MARCH 24, 2022 to APRIL 22, 2022 PURSUANT TO BROWN ACT PROVISIONS.

WHEREAS, the Casitas Municipal Water District is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of Casitas Municipal Water District's legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the District's legislative bodies conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provision for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District's boundaries, caused by natural, technological or human-caused disasters; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Board of Directors previously adopted a Resolution, Number 2021-23 on October 13, 2021, Resolution Number 2021-24 on November 10, 2021, Resolution Number 2021-26 on December 8, 2021, Resolution Number 2021-29 ON December 15, 2021, Resolution 2022-01 on January 12, 2022, Resolution Number 2022-05 on February 9, 2022 and Resolution Number 2022-07 on March 9, 2022 finding that the requisite conditions exist for the legislative bodies of Casitas Municipal Water District to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

WHEREAS, as a condition of extending the use of the provisions found in section 54953(e), the Board of Directors must reconsider the circumstances of the state of emergency that exists in the District, and the Board of Directors has done so; and

WHEREAS, emergency conditions persist in the District, specifically, a state of emergency remains active; and

WHEREAS, the Board of Directors does hereby find that State of Emergency, and Social Distancing requirements and conditions causing imminent risk to attendees has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District, and desires to affirm a local emergency exists and re-ratify the proclamation of state of emergency by the Governor of the State of California and local orders for social distancing; and

WHEREAS, as a consequence of the local emergency persisting, the Board of Directors does hereby find that the legislative bodies of Casitas Municipal Water District shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall continue to comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, Casitas Municipal Water District has taken measures to ensure meeting access for the public via the Zoom platform including electronic video and telephone access.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF CASITAS MUNICIPAL WATER DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Affirmation that Local Emergency Persists. The Board of Directors hereby considers the conditions of the state of emergency in the District and proclaims that a local emergency persists throughout the District, and meeting in person would present imminent risk.

Section 3. Re-ratification of Governor's Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.

Section 4. Remote Teleconference Meetings. The Staff, General Manager and legislative bodies of Casitas Municipal Water District are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, continuing to conduct open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) April 22, 2022, or such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of Casitas Municipal Water District may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED AND ADOPTED by the Board of Directors of Casitas Municipal Water District, this 23rd day of March, 2022.

Brian Brennan, President

Attest:

Neil Cole, Secretary

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL L. FLOOD, GENERAL MANAGER
**SUBJECT: HEARING FOR REVIEW OF THE REDISTRICTING OF CASITAS
MWD DRAFT DIVISION MAPS**
DATE: 03/18/2022

RECOMMENDATION:

Staff has the following recommendations:

1. Receive public input and provide direction for final draft Division maps ahead of adoption.
2. Set a special meeting for final adoption of the draft Division maps for April 6, 2022 @ 5PM.

BACKGROUND:

Casitas MWD last made an adjustment to its Division Boundaries in 2012, subsequent to the 2010 Federal Census.

2020 Federal Census data became available on September 30, 2021 and several local public agencies reviewed the political boundaries of their respective elected officials.

During the October 22, 2021 Board Meeting staff provided preliminary census results by Casitas Division to the Board and the Board subsequently provided direction to staff.

Staff sought and received proposals for redistricting services from consulting companies that specialize in demographic and redistricting work and a contract was awarded to GEOInovo on at the Regular Board Meeting of January 26, 2022.

At the March 9, 2022 regular meeting of the Board of Directors, a hearing was set for the March 23, 2022 regular meeting.

DISCUSSION:

Casitas staff has been coordinating work on review and possible revision of Casitas' elective divisions over the last several weeks.

GEOInovo has produced draft Division maps that use Citizen Voting Age Population (CVAP) data that conform to current voting rights legislation and are labelled Plan A, Plan B, and Plan C. Demographic data for the current and revised Division maps has also been provided.

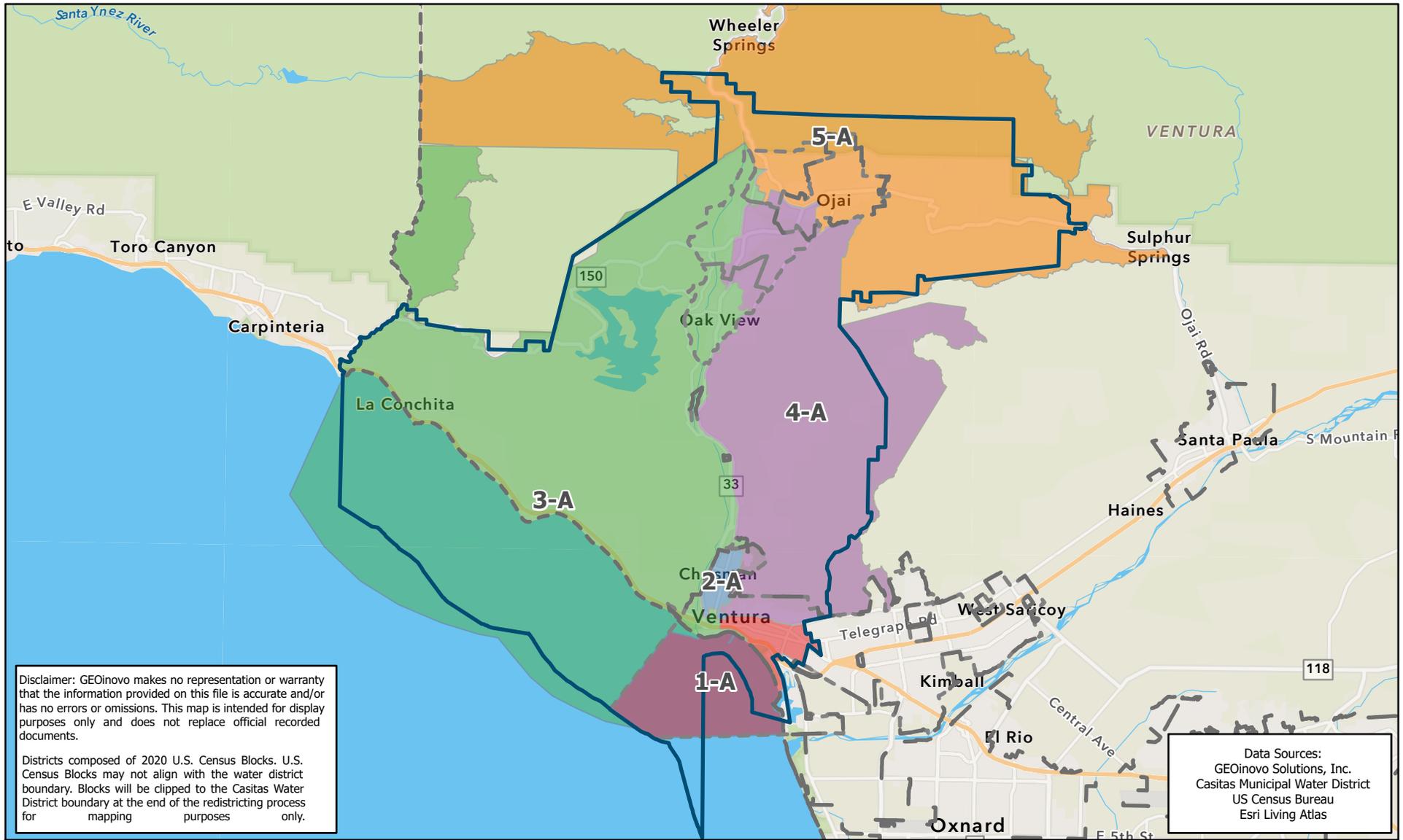
These maps reflect the census blocks within Casitas' boundary which in some cases include areas outside its boundaries as well as exclude certain portions of census blocks that are actually inside its boundaries.

These maps will require slight modification to take into account actual voting precincts prior to filing with the Ventura County.

Staff has met with Ventura County Election Division staff in order to ensure the voting precincts are properly recorded.

With the deadline for filing of revised maps with Ventura County being April 15, 2022, staff recommends that a Special Board Meeting be held on April 6, 2022 for consideration of adoption of the final revised Division maps.

GEOInovo will provide a presentation during the hearing.



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Districts composed of 2020 U.S. Census Blocks. U.S. Census Blocks may not align with the water district boundary. Blocks will be clipped to the Casitas Water District boundary at the end of the redistricting process for mapping purposes only.

Data Sources:
 GEOinovo Solutions, Inc.
 Casitas Municipal Water District
 US Census Bureau
 Esri Living Atlas



Casitas MWD Board of Director Districts

Plan A

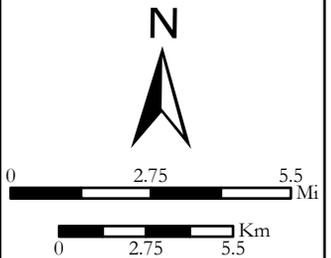


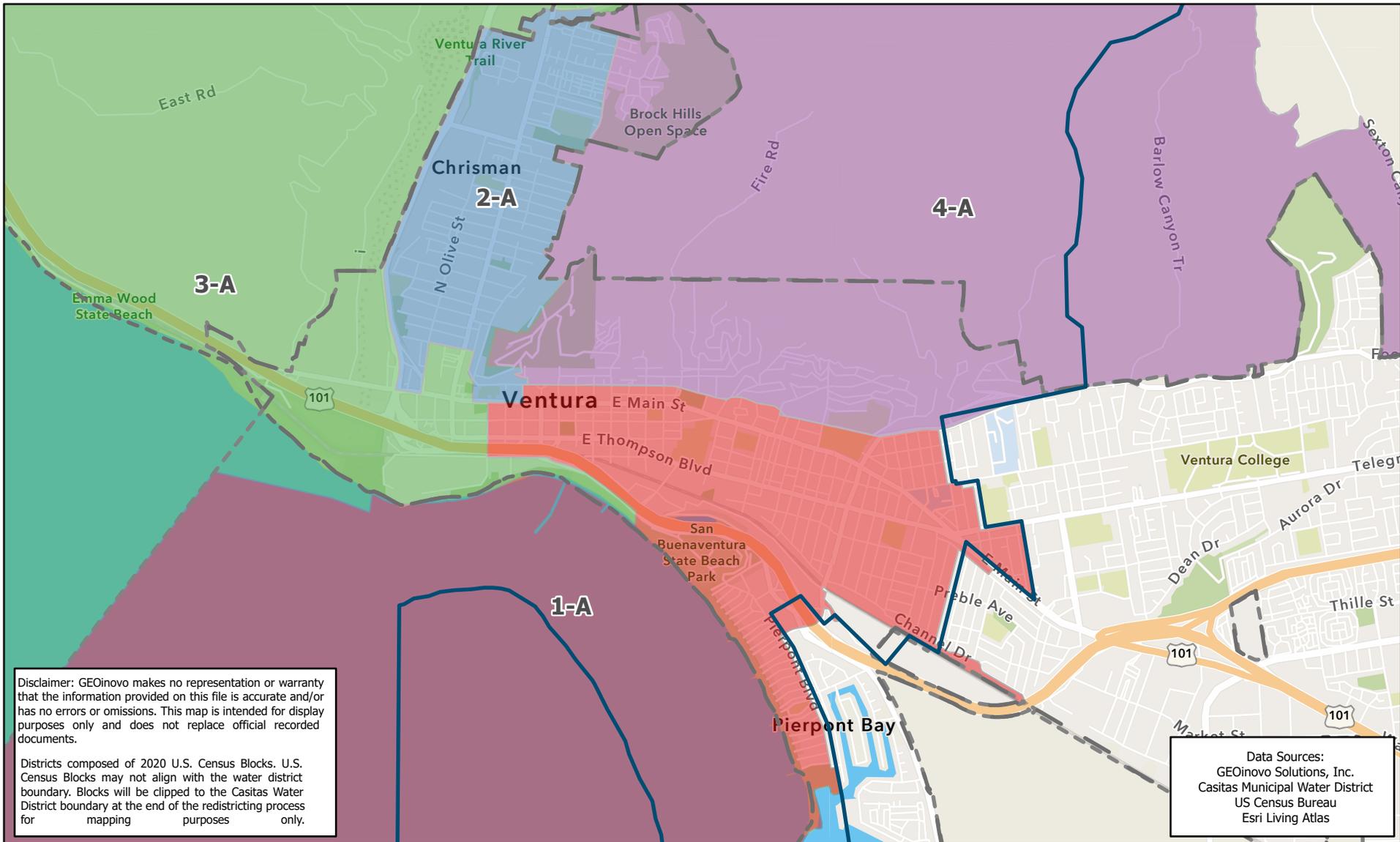
- District 1
- District 2
- District 3

- District 4
- District 5

- County Boundary
- Casitas MWD Boundary
- City Boundary

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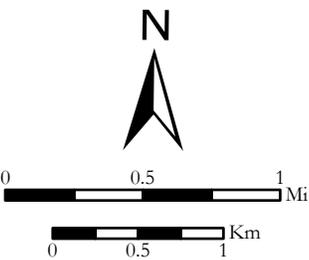
Casitas MWD Board of Director Districts

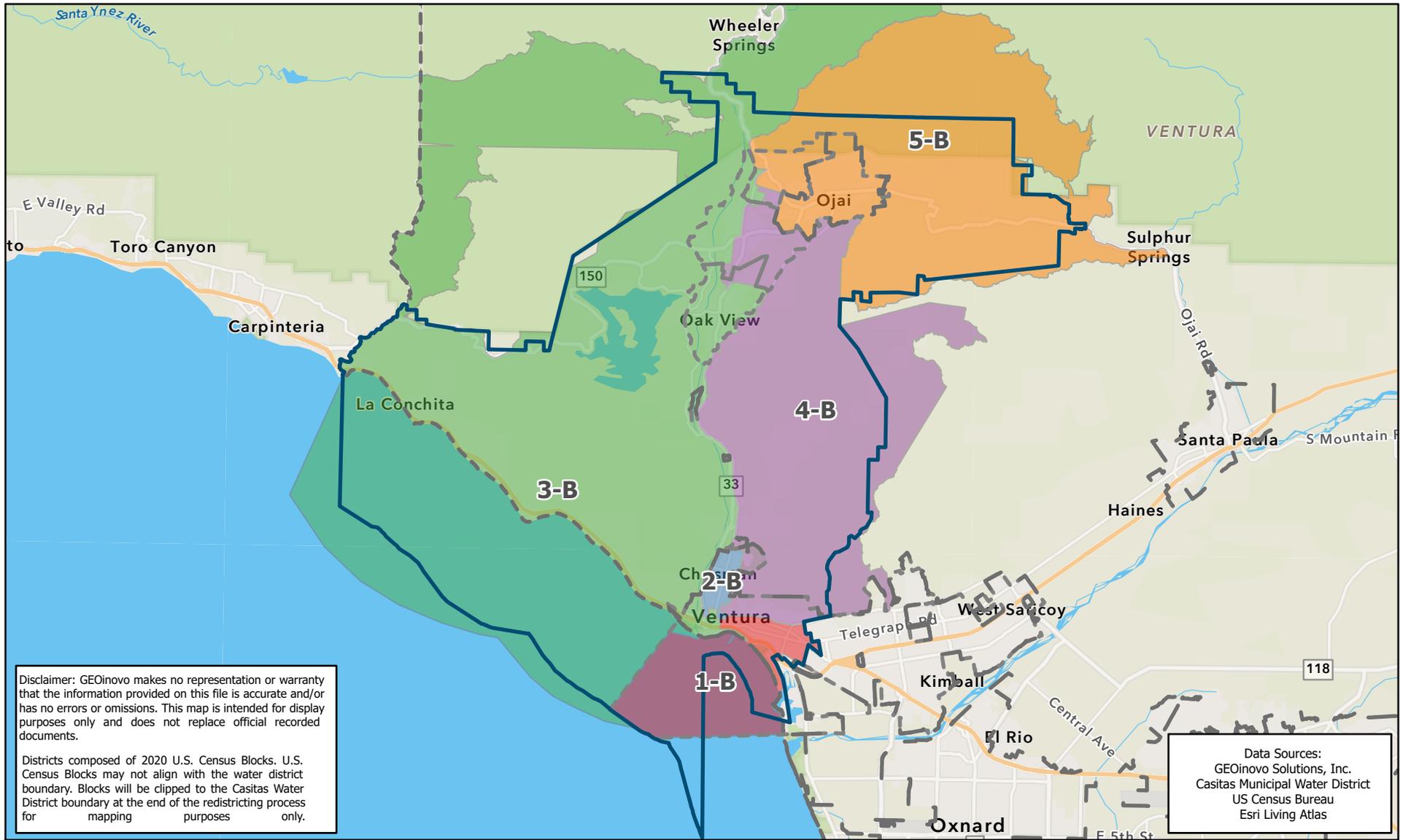
Plan A: Urban Area



- District 1
- District 2
- District 3
- District 4
- District 5
- County Boundary
- Casitas MWD Boundary
- City Boundary

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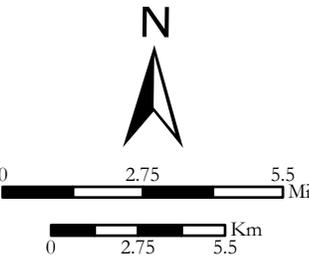
Casitas MWD Board of Director Districts

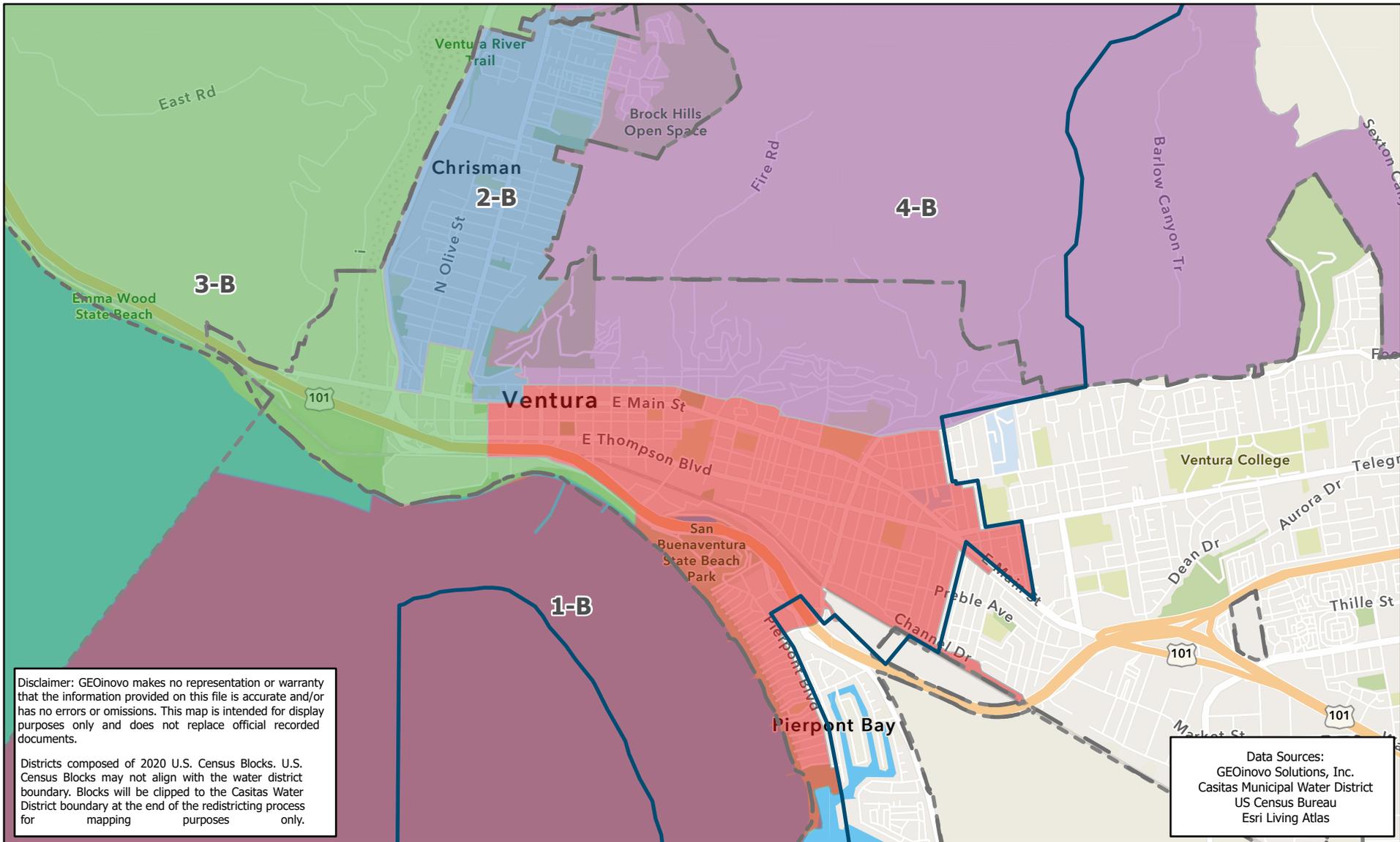
Plan B



- District 1
- District 2
- District 3
- District 4
- District 5
- County Boundary
- Casitas MWD Boundary
- City Boundary

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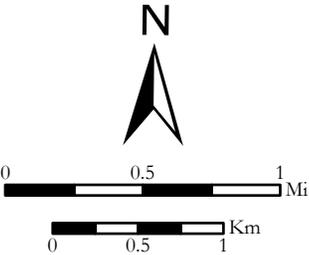
Casitas MWD Board of Director Districts

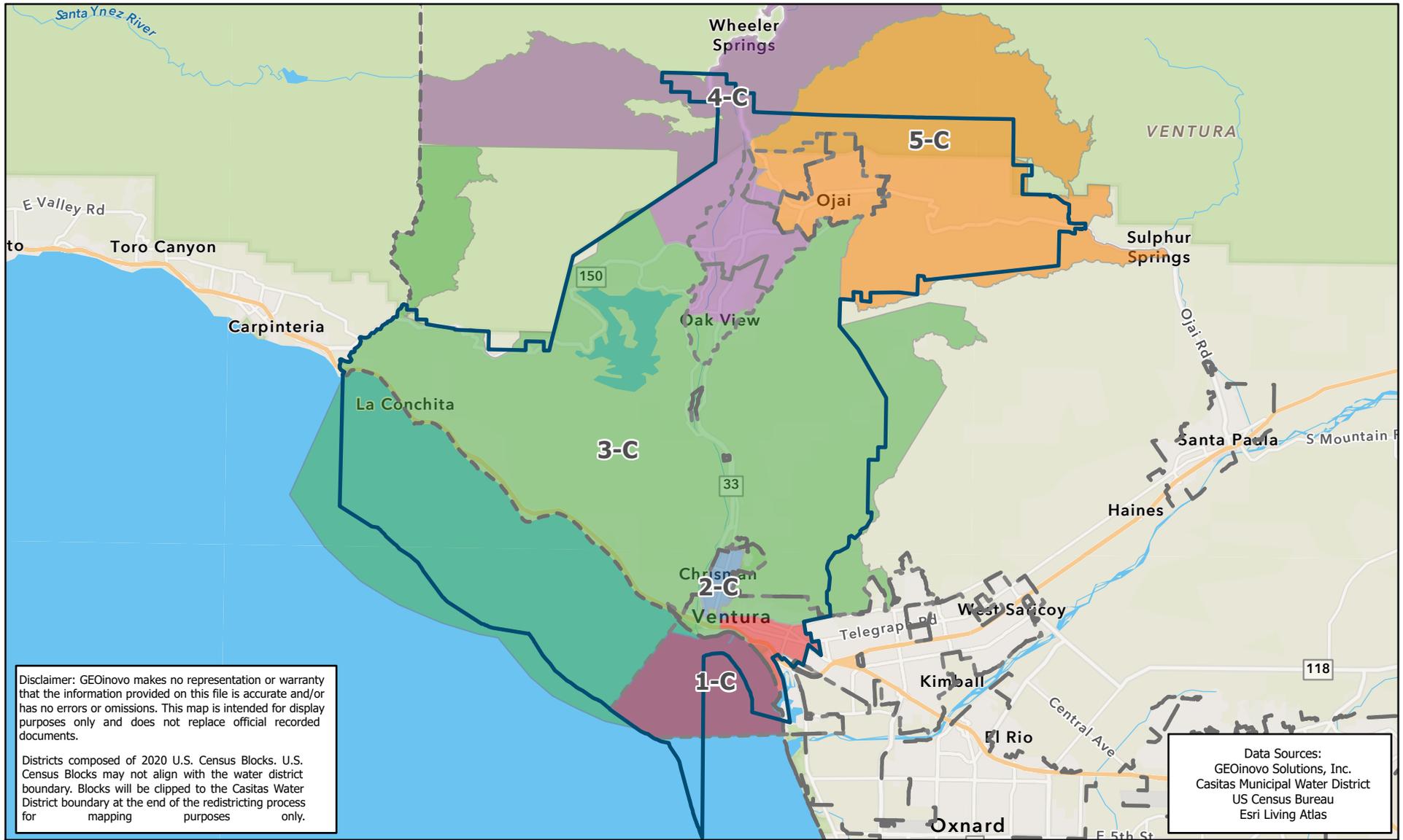
Plan B: Urban Area



- District 1
- District 2
- District 3
- District 4
- District 5
- County Boundary
- Casitas MWD Boundary
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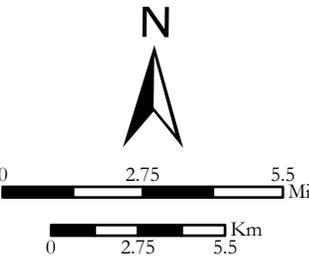
Casitas MWD Board of Director Districts

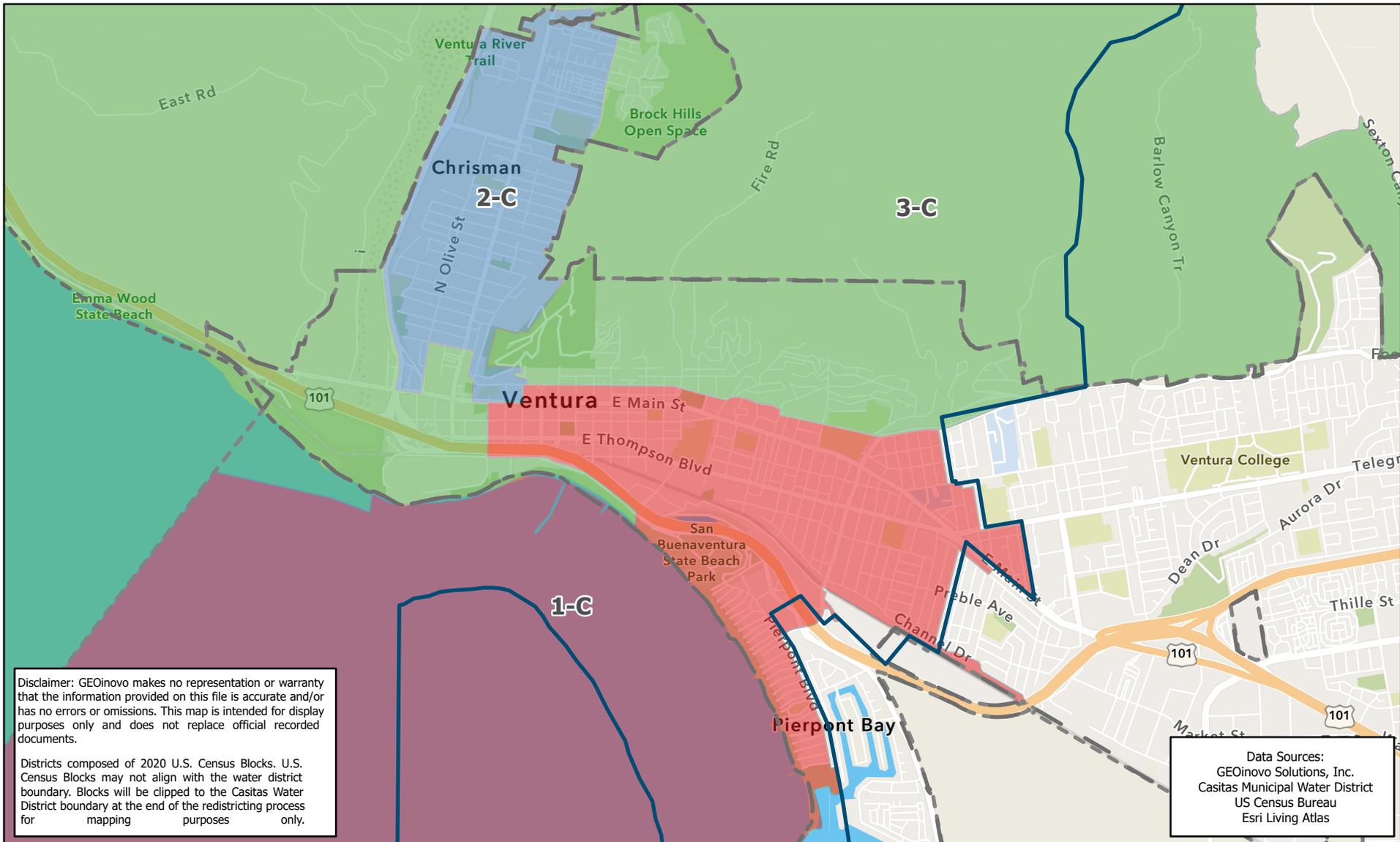
Plan C



- District 1
- District 2
- District 3
- District 4
- District 5
- County Boundary
- Casitas MWD Boundary
- City Boundary

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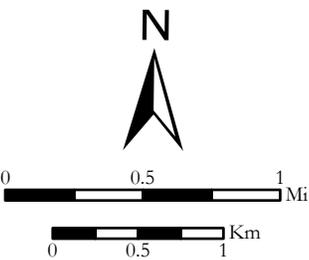
Casitas MWD Board of Director Districts

Plan C: Urban Area



- District 1
- District 4
- County Boundary
- District 2
- District 5
- Casitas MWD Boundary
- District 3
- City Boundary

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Casitas Water District CVAP Data by District

Citizen Voting Age Population (CVAP) and Race/Ethnicity data by District (Current, Plan A, Plan B, Plan C)

District Number (Current)	Total CVAP	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian/Pac Islander	Hawaiian/Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	44,159	10,480	23.7%	31,157	70.6%	401	0.9%	0	0.0%	1,415	3.2%	0	0.0%	706	1.6%	0	0.0%
District 1	9,330	1,517	16.3%	7,041	75.5%	156	1.7%	0	0.0%	496	5.3%	0	0.0%	120	1.3%	0	0.0%
District 2	7,309	2,539	34.7%	4,300	58.8%	98	1.3%	0	0.0%	192	2.6%	0	0.0%	180	2.5%	0	0.0%
District 3	7,691	2,631	34.2%	4,709	61.2%	12	0.2%	0	0.0%	142	1.8%	0	0.0%	197	2.6%	0	0.0%
District 4	10,441	2,647	25.4%	7,266	69.6%	118	1.1%	0	0.0%	247	2.4%	0	0.0%	163	1.6%	0	0.0%
District 5	9,388	1,146	12.2%	7,841	83.5%	17	0.2%	0	0.0%	338	3.6%	0	0.0%	46	0.5%	0	0.0%

District Number (Plan A)	Total CVAP	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian/Pac Islander	Hawaiian/Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	44,159	10,480	23.7%	31,157	70.6%	401	0.9%	0	0.0%	1,415	3.2%	0	0.0%	706	1.6%	0	0.0%
District 1	9,713	1,772	18.2%	7,221	74.3%	135	1.4%	0	0.0%	459	4.7%	0	0.0%	126	1.3%	0	0.0%
District 2	6,132	3,541	57.7%	2,402	39.2%	25	0.4%	0	0.0%	88	1.4%	0	0.0%	76	1.2%	0	0.0%
District 3	8,738	2,041	23.4%	6,120	70.0%	97	1.1%	0	0.0%	198	2.3%	0	0.0%	282	3.2%	0	0.0%
District 4	9,822	1,889	19.2%	7,312	74.4%	127	1.3%	0	0.0%	320	3.3%	0	0.0%	174	1.8%	0	0.0%
District 5	9,754	1,237	12.7%	8,102	83.1%	17	0.2%	0	0.0%	350	3.6%	0	0.0%	48	0.5%	0	0.0%

District Number (Plan B)	Total CVAP	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian/Pac Islander	Hawaiian/Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	44,159	10,480	23.7%	31,157	70.6%	401	0.9%	0	0.0%	1,415	3.2%	0	0.0%	706	1.6%	0	0.0%
District 1	9,713	1,772	18.2%	7,221	74.3%	135	1.4%	0	0.0%	459	4.7%	0	0.0%	126	1.3%	0	0.0%
District 2	6,132	3,541	57.7%	2,402	39.2%	25	0.4%	0	0.0%	88	1.4%	0	0.0%	76	1.2%	0	0.0%
District 3	8,827	2,011	22.8%	6,243	70.7%	97	1.1%	0	0.0%	200	2.3%	0	0.0%	276	3.1%	0	0.0%
District 4	9,693	2,025	20.9%	7,038	72.6%	127	1.3%	0	0.0%	307	3.2%	0	0.0%	196	2.0%	0	0.0%
District 5	9,794	1,131	11.5%	8,253	84.3%	17	0.2%	0	0.0%	361	3.7%	0	0.0%	32	0.3%	0	0.0%

District Number (Plan C)	Total CVAP	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian/Pac Islander	Hawaiian/Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	44,159	10,480	23.7%	31,157	70.6%	401	0.9%	0	0.0%	1,415	3.2%	0	0.0%	706	1.6%	0	0.0%
District 1	9,713	1,772	18.2%	7,221	74.3%	135	1.4%	0	0.0%	459	4.7%	0	0.0%	126	1.3%	0	0.0%
District 2	6,132	3,541	57.7%	2,402	39.2%	25	0.4%	0	0.0%	88	1.4%	0	0.0%	76	1.2%	0	0.0%
District 3	8,916	2,081	23.3%	6,157	69.1%	184	2.1%	0	0.0%	282	3.2%	0	0.0%	212	2.4%	0	0.0%
District 4	9,604	1,955	20.4%	7,124	74.2%	40	0.4%	0	0.0%	225	2.3%	0	0.0%	260	2.7%	0	0.0%
District 5	9,794	1,131	11.5%	8,253	84.3%	17	0.2%	0	0.0%	361	3.7%	0	0.0%	32	0.3%	0	0.0%

Casitas Water District Pop Data by District

Census Population and Race/Ethnicity data by District (Current, Plan A, Plan B, Plan C)

District Number (Current)	Total Pop	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian/Pac Islander	Hawaiian/Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	62,555	20,935	33.5%	36,138	57.8%	933	1.5%	1,033	1.7%	2,085	3.3%	114	0.2%	1,007	1.6%	310	0.5%
District 1	12,165	2,739	22.5%	8,134	66.9%	253	2.1%	213	1.8%	470	3.9%	31	0.3%	265	2.2%	60	0.5%
District 2	12,211	6,292	51.5%	4,955	40.6%	235	1.9%	145	1.2%	352	2.9%	20	0.2%	134	1.1%	78	0.6%
District 3	12,198	4,931	40.4%	6,241	51.2%	167	1.4%	210	1.7%	383	3.1%	17	0.1%	188	1.5%	61	0.5%
District 4	14,038	4,504	32.1%	8,340	59.4%	168	1.2%	284	2.0%	447	3.2%	19	0.1%	216	1.5%	60	0.4%
District 5	11,943	2,469	20.7%	8,468	70.9%	110	0.9%	181	1.5%	433	3.6%	27	0.2%	204	1.7%	51	0.4%

District Number (Plan A)	Total Pop	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian/Pac Islander	Hawaiian/Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	62,555	20,935	33.5%	36,138	57.8%	933	1.5%	1,033	1.7%	2,085	3.3%	114	0.2%	1,007	1.6%	310	0.5%
District 1	12,381	3,146	25.4%	7,893	63.8%	250	2.0%	213	1.7%	502	4.1%	30	0.2%	277	2.2%	70	0.6%
District 2	12,523	8,342	66.6%	3,361	26.8%	212	1.7%	123	1.0%	271	2.2%	20	0.2%	112	0.9%	82	0.7%
District 3	12,570	3,612	28.7%	7,856	62.5%	208	1.7%	287	2.3%	320	2.5%	22	0.2%	213	1.7%	52	0.4%
District 4	12,574	3,170	25.2%	8,234	65.5%	151	1.2%	215	1.7%	550	4.4%	15	0.1%	190	1.5%	49	0.4%
District 5	12,507	2,665	21.3%	8,794	70.3%	112	0.9%	195	1.6%	442	3.5%	27	0.2%	215	1.7%	57	0.5%

District Number (Plan B)	Total Pop	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian/Pac Islander	Hawaiian/Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	62,555	20,935	33.5%	36,138	57.8%	933	1.5%	1,033	1.7%	2,085	3.3%	114	0.2%	1,007	1.6%	310	0.5%
District 1	12,381	3,146	25.4%	7,893	63.8%	250	2.0%	213	1.7%	502	4.1%	30	0.2%	277	2.2%	70	0.6%
District 2	12,523	8,342	66.6%	3,361	26.8%	212	1.7%	123	1.0%	271	2.2%	20	0.2%	112	0.9%	82	0.7%
District 3	12,526	3,472	27.7%	7,919	63.2%	216	1.7%	302	2.4%	327	2.6%	22	0.2%	222	1.8%	46	0.4%
District 4	12,639	3,465	27.4%	8,052	63.7%	137	1.1%	216	1.7%	508	4.0%	14	0.1%	189	1.5%	58	0.5%
District 5	12,486	2,510	20.1%	8,913	71.4%	118	0.9%	179	1.4%	477	3.8%	28	0.2%	207	1.7%	54	0.4%

District Number (Plan C)	Total Pop	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian/Pac Islander	Hawaiian/Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	62,555	20,935	33.5%	36,138	57.8%	933	1.5%	1,033	1.7%	2,085	3.3%	114	0.2%	1,007	1.6%	310	0.5%
District 1	12,381	3,146	25.4%	7,893	63.8%	250	2.0%	213	1.7%	502	4.1%	30	0.2%	277	2.2%	70	0.6%
District 2	12,523	8,342	66.6%	3,361	26.8%	212	1.7%	123	1.0%	271	2.2%	20	0.2%	112	0.9%	82	0.7%
District 3	12,621	3,772	29.9%	7,657	60.7%	248	2.0%	212	1.7%	449	3.6%	17	0.1%	195	1.5%	71	0.6%
District 4	12,544	3,165	25.2%	8,314	66.3%	105	0.8%	306	2.4%	386	3.1%	19	0.2%	216	1.7%	33	0.3%
District 5	12,486	2,510	20.1%	8,913	71.4%	118	0.9%	179	1.4%	477	3.8%	28	0.2%	207	1.7%	54	0.4%

Casitas Water District	District 1	District 2	District 3	District 4	District 5	Ideal/Balance	Variance from Ideal
Current	12,165	12,211	12,198	14,038	11,943	12,511	16.75%
Plan A	12,381	12,523	12,570	12,574	12,507	12,511	1.54%
Plan B	12,381	12,523	12,526	12,639	12,486	12,511	2.06%
Plan C	12,381	12,523	12,621	12,544	12,486	12,511	1.92%

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL FLOOD, GENERAL MANAGER
SUBJECT: PUBLIC HEARING AND POSSIBLE ADOPTION OF AN ORDINANCE TO INCREASE BOARD OF DIRECTORS COMPENSATION
DATE: MARCH 18, 2022, 2022

RECOMMENDATION:

It is recommended that the Board of Directors conduct the public hearing to hear input from the public regarding the proposed increase to director compensation and following the hearing to take action to adopt the ordinance as presented authorizing an increase in Director's compensation from \$198.02 per meeting to \$207.92 per meeting pursuant to Water Code Section 20200, 20201 and 20202.

BACKGROUND, DISCUSSION AND REPORT:

The Board of Director's compensation has remained at \$198.02 per meeting since it was last modified on November 10, 2019. In order for the Board to increase their compensation, they must hold a public hearing to review the ordinance authorizing the increase. The ordinance is not effective until 60 days from the final passage of the ordinance. Voters of the district have the right to petition protesting the adoption of the ordinance.

Staff surveyed other local agencies and the per diem compensation paid to their Directors is noted below:

Calleguas MWD	\$227.00
Camrosa Water District	\$200.00
Las Virgenes MWD	\$220.00
Montecito	\$170.00
Ojai San	\$175.00
Santa Clarita Valley Water	\$239.00
United Water	\$248.00
Casitas MWD Current	\$198.02
Casitas MWD 5% Proposed	\$207.92
Casitas MWD 10%	\$217.82

CASITAS MUNICIPAL WATER DISTRICT

ORDINANCE 2022-02

AN ORDINANCE OF THE CASITAS MUNICIPAL WATER DISTRICT INCREASING
COMPENSATION AUTHORIZED TO BE PAID TO THE BOARD OF DIRECTORS
PURSUANT TO WATER CODE SECTION 20200, ET. SEQ.

WHEREAS, pursuant to Casitas Municipal Water District Ordinance No. 19-01, passed on September 11, 2019, the Board of Directors of the Casitas Municipal Water District are currently paid \$198.02 per day for occurrences constituting District business, official duties or each day's service rendered as a Director by request of the Board, not to exceed ten (10) days for any one calendar month; and

WHEREAS, the Directors of the Casitas Municipal Water District come within the provisions of California Water Code Section 20201 *et seq.* authorizing compensation in excess of One Hundred Dollars (\$100.00) per day; and

WHEREAS, the last increase to the Directors fees from \$188.59 to \$198.02 per day was effective November 10, 2019; and

WHEREAS, California Water Code Section 20202 *et seq.* permits the increase of the Directors current fee by an annual amount equal to up to 5% for every year since the last effective increase; and

WHEREAS, it is proposed that by adoption of this Ordinance No. 2022-02, the Board shall increase the per diem fee paid to District Directors 5% to \$207.92.

NOW, THEREFORE, the Board of Directors of the Casitas Municipal Water District ordains as follows:

That each Director of this District shall receive compensation in an amount not to exceed Two Hundred Seven dollars and ninety-two cents (\$207.92) per day for each day's attendance at meetings of the Board or for each day's service rendered as a Director by the request of the Board, for a maximum of ten days in any calendar month.

This ordinance shall become effective sixty (60) days after its adoption but no earlier than November 10, 2019.

ADOPTED this 23rd day of March, 2022.

Brian Brennan, President
Casitas Municipal Water District

ATTEST:

Neil Cole, Secretary
Casitas Municipal Water District

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL L. FLOOD, GENERAL MANAGER
SUBJECT: SERVICE AGREEMENT WITH US BUREAU OF RECLAMATION FOR 30%
DESIGN OF HOLLOW JET VALVE AT CASITAS DAM
DATE: 03/23/22

RECOMMENDATION:

- Authorize the General Manager to execute the Service Agreement with the US Bureau of Reclamation (USBR) for 30% Design of Hollow Jet Valve at Casitas Dam in an amount not to exceed \$150,000.00.

BACKGROUND AND DISCUSSION:

The Casitas Dam was constructed in 1957 by the US Department of the Interior Bureau of Reclamation (USBR) to create Lake Casitas as a water supply source for western Ventura County. The Dam includes a 48-inch hollow jet valve on the outlet piping to the spillway. This valve requires substantial staff effort to create a drip-tight seal, including installation of oakum and silicone in a confined space.

District staff and the United States Bureau of Reclamation (USBR) evaluated alternatives to refurbish or replace the hollow jet valve and came to the conclusion that a knife gate valve immediately upstream of the existing hollow jet valve and reinstalling the existing hollow jet valve will resolve the issue of a leaky valve and mitigate staff maintenance hazards. District staff approached USBR's California Great Basin (CGB) Group to perform the 30 percent design of this alternative and CGB provided the attached Letter of Agreement and Service Agreement. The 30 percent design is expected to be complete by June 30, 2022.

The tasks to accomplish the performance objectives include:

- Task 1: Evaluate Concept for Safety of Dams
 - The evaluation provides coordination with Dam Safety to evaluate related risks and determine mitigating measures required for construction.
- Task 2: Develop 30% Drawings
 - Drawings at a 30% design level will be developed.
- Task 3: Complete 30% Cost Estimates
 - Based on 30% designs, prepare and compile quantity estimate worksheets, and develop Concept C cost estimates.
- Task 4: Develop 30% Specifications (TOC)
 - 30% level specifications include only a table of contents (TOC).
- Task 5: Communication & Project Management
 - Standard communication and project management tasks including Technical Services Center (TSC) coordination, client coordination, meetings, budget tracking, progress reporting, change orders, and project closeout.

BUDGET IMPACT:

The budget for fiscal year 2021-22 includes \$150,000 for the project.

Attachments: Service Agreement

FY22 Service Agreement (SA) Rev. 0

Job Title: Casitas Dam River Outlet Works Isolation Valve	Date Submitted: February 18, 2022
Accounting String (Fund and WBS): XXXR0680R1-RR.17529652.2100169	WOID (if known):
Client Group / Program Office: South-Central California Area Office - Fresno	Service Provider: Division of Design and Construction - Electrical/Mechanical Branch, CGB-250
Client / Program Office Point of Contact: Edward Salazar, SCC-436, (559) 262-0360	Service Provider Point of Contact: Joshua Fender, CGB-250, (916) 978-5314
Budget: \$150,000	Project Phase: Design to 30%

1. Objectives/Scope Statement (list features, deliverables, and objectives):

Casitas Municipal Water District (CMWD) has selected the concept to add an isolation valve between their existing hollow-jet valve and outlet works control building and have asked the California-Great Basin Division of Design and Construction (CGB-200) to move forward into the design phase. The CMWD's fiscal year runs July – June and they have previously allocated \$150,000 of their FY22 budget for this project. After discussion with the CMWD, this phase of the project will target completion of the 30% design phase within this schedule and budget. The remaining design work will be completed in FY23 under a separate service agreement.

2. Scope Definition:

The CGB-200 team will proceed into the design phase of the proposed knife gate isolation valve concept. This service agreement will target completion of the 30% design phase within the available schedule and budget.

Safety of Dams Risk Evaluation – Review of construction risks and mitigating measures. Design chosen does not impact release capacity, but will make the outlet works unusable during the construction period. Mitigating measures like construction window, reservoir level, alternate release points, and such will be considered.

30% Design – Design Drawings, Construction Estimates, Draft Specifications

Design Scope and Assumptions

- Install knife gate between existing penstock and hollow-jet valve.
 - Knife gate valve to have electric motor operator installed for operation from the outlet works building.
- Hollow-jet valve to be left as-is, except to replace or relocate motor operator/driveshaft to clear installed knife gate.
 - Recommended that the valve be refurbished to ensure it works properly with these changes.
- New access and maintenance platforms for inspection, service, and manual override of valves
- Minimize downtime of the water treatment plant during construction to 24 hours or less.

3. Schedule:	Milestone Dates	Notes
SA Executed:	(March 4, 2022)	Assumed 2 weeks for processing
New Service Agreement for CMWD FY 23:	June 6, 2022	
Concept C Package:	June 30, 2022	Target. Depends on SOD Evaluation and other factors
End of CMWD FY 22:	(June 30, 2022)	
Start of CMWD FY 23:	(July 1, 2022)	Target beginning of FY 23 Service Agreement

*Dates with an asterisk are outside of this service agreement
 () Dates in parenthesis are outside of the control of CGB-250
 Italicized dates are dates that have already passed

Has resource availability been confirmed by Group Manager(s)?: YES

4. Financial Plan:		Estimated Staff Days				Estimated \$	
FY	Org Code / Group Name / Task List	SL4	SL3	SL2	SL1	SD \$	Non-Labor \$
22	CGB-250 (Electrical/Mechanical)	1	13	30		\$ 61,600	
	Staff Day Totals:	1	13	30		\$ 61,600	
22	TSC:					\$ 84,540	
22	FY Total: \$150,000					\$ 146,140	

5. Roles and Responsibilities (list of the key players, their titles, and roles):

Regional Office (Sacramento)

Jesse Castro, Regional Engineer, Division Chief
 Jeff Hoss, Electrical/Mechanical Branch Chief
 Joshua Fender, Mechanical Engineer, Project Lead

TSC (Denver)

Justin Dorough, Civil Engineer, Civil Lead

SL4 – Division/Branch Chiefs

SL3 – Technical Leads/Project Dependent Project Lead

SL2 – Design Engineer/Project Dependent Project Lead

SL1 – Admin Staff

6. Quality Control:

Project lead (supported by other Branch Leads) will monitor budget and schedule.

Project lead (supported by other Branch Leads) will manage internal project team.

CGB-200 peer review will be performed in accordance with the Reclamation Manual, Directives and Standards.

7. Change Management:

Thresholds?: Schedule 1 week Cost 80%

Any changes to the Service Agreement will be documented via: Revised SA Other (Explain)

Discussion(s) as to need for revised SA when thresholds are reached will be initiated with the Client / Program Office via email or phone call.

If we get within 80% of the approved budget will start having discussions with the PM for change management. Also, if any change in scope that effects schedule or cost more than 5% will start having discussions with PM for change management.

8. Communication:

Meetings and conference calls (what, how often, who attends, etc.):

Bi-weekly design team meetings

Status reports (what, how often, to whom, etc.):

Monthly status meetings with SCCAO and CMWD

9. Risk Management:

Design scope is based on CMWD's chosen concept from the previously generated concept report. Assumptions made during for the concept will be evaluated during 30% design. Changes to the scope based on the evaluation and design refinement may affect schedule or budget.

Client requested changes to the scope may affect schedule or budget.

To mitigate risk to the budget, CGB-250 we will be tracking the overall budget that also includes contracted offices (TSC) to ensure we stay on budget. This includes using our project budget tracking sheet and updating it with our bi-weekly budget reports.

Change in workload prioritization out of the control of CGB-250 could lead to discussions about schedule changes.

Staffing resources could lead to discussions about schedule and/or budget.

Other SCCAO projects may be elevated in priority over this project based on area office request. The area office determines the prioritization of the projects within their office. CGB-250 lead will work with the PM/CMWD to re-baseline schedule if needed.

If another priority project for the Region takes resources the PM/CMWD will be notified, and a coordination meeting will be held.

If additional reviews or information is requested from the PM/CMWD, then staff day estimates need to be evaluated and updated.

10. Project Closeout:

It is assumed that the design project will be completed in Reclamation and CMWD's FY23 (Sept. 2022 – July 2023). CGB-200 can transition to procurement support at the completion of the design project if requested.

11. Signatures (the following signatures indicate approval of this contract):

_____ / _____ Joshua Fender Mechanical Engineer, CGB-250 (Date)	_____ / _____ Jeff Hoss Elec. / Mech. Engr. Branch Chief, CGB-250 (Date)
_____ / _____ Edward Salazar Project Manager, SCC436 (Date)	_____ / _____ Dan Cavanaugh Operations Chief, SCC-430 (Date)
_____ / _____ SCCAO Budget (Date)	_____ / _____ (Date)



— BUREAU OF —
RECLAMATION

U.S. Department of the Interior
Bureau of Reclamation
Technical Service Center
Denver, Colorado

Project Management Plan (PMP)

Job Name

Casitas Dam Outlet Works Isolation Valve Safety of Dams and Civil/Structural Support

Accounting String (Fund & WBS)

Date

Asset Class

Dams

WOID

WOID, if existing

TSC Team Leader

Justin Dorough / 86-68130 / (303)445-2223

Client Group and Region

Group / California Great Basin

Group Manager

Anastasia Baumgart / 86-68130 / (303)445-3277

Client Office

Division of Design and Construction – CGB-250

Client Liaison

Nancy Arthur / (303) 445-3078

Client Contact

Joshua Fender / (916)978-5314

Program Assistant

David Lenz / (303) 445-2754

1. Project Vision

Provide engineering and technical support to CGB to address issues of leaking hollow jet valve at the down stream end of the outlet works at Casitas Dam.

2. Client's Critical Success Factors & Performance Objectives

	Critical Success Factors ^a	Performance Objectives ^b
1	Manage Design Costs	Keep change orders under 10% of design costs.
2	Support CGB design team in FY22	Provide SOD concept evaluation and 30% Design.
3	Quality Design	Conform to quality of existing site.
4	Clear Communication	Team meetings and status updates.

a- Critical Success Factors: What success factors are most critical for you to consider this a success?

b- Performance Objectives: What specific metric can we achieve for you to consider the project a significant success?

3. Scope of Work

Background

Project: Ventura River Project

Feature: Casitas Dam

Sub-Feature: Outlet Works

The CGB-200 Area Office is requesting Safety of Dams concept evaluation and Civil/Structural Engineering/Miscellaneous Metalwork support for installation of an outlet works isolation valve at Casitas Dam. Current operations for water release occur through a spillway, with uncontrolled overflow at elevation 567.0, or via the outlet works near the left abutment. Flow through the outlet works is controlled by an emergency gate at the gate chamber and a hollow-jet valve at the downstream end that is hydraulically operated from a downstream control house near the spillway stilling basin.

TSC will provide civil/structural engineering and miscellaneous metalwork designs with accompanying specifications, drawings, and cost estimate. CGB will provide the remainder of the design, to include but not limited to, mechanical and electrical engineering design with accompanying, calculations, specifications, drawings, and cost estimates. CGB will integrate TSC drawings, specification sections/paragraphs, and cost estimate with CGB drawings, specification sections, and cost estimate for a combined final drawing, specification, and cost estimate package.

In order to meet CGB incremental funding by Casitas Municipal Water District, this project will be broken into two phases and incrementally funded. The two phases include: 1) Final design to Concept C (30%), 2) Final design to project completion.

Phase 1 - Tasks

The tasks to accomplish the performance objectives include:

- *Task 1: Evaluate Concept for Safety of Dams*
The evaluation provides coordination with Dam Safety to evaluate related risks and determine mitigating measures required for construction.
- *Task 2: Develop Concept C Drawings*
Drawings at a 30% design level will be developed for civil/structural engineering and miscellaneous metalwork.
- *Task 3: Complete Concept C Cost Estimates*
Based on Concept C designs, prepare and compile quantity estimate worksheets, and develop Concept C cost estimates for TSC design portion.
- *Task 4: Develop Concept C Specifications (TOC)*
Concept C level specifications include only a table of contents (TOC). TSC to provide CGB master format numbers and title required for TSC design portion.
- *Task 5: Communication & Project Management*
Standard communication and project management tasks including TSC coordination, client coordination, meetings, budget tracking, progress reporting, change orders, and project closeout.

Phase 2 – Tasks

Final design to project completion – Further definition and budgetary requirements will be provided at the end of Phase 1.

Client Responsibilities

- Review and comment on PMP.
- Respond to DDR.
- Supply documentation to existing site information and any other project information relevant to the layout and design.
- Permitting activities.
- Environmental clearances for construction activities.
- Mechanical and electrical engineering design.
- Integrating TSC cost estimate for a final cost estimate.
- Integrating TSC specification sections/paragraphs for a final specification package.
- Integrating TSC drawings into final drawing package.
- Value Program coordination with Casitas Municipal Water District
- Constructability Review coordination

Phase 1 Deliverables

- Concept C Drawings
- Concept C Cost Estimate
- Safety of Dams Concept Evaluation

Exclusions from Scope of Work

- Mechanical and electrical engineering design and cost estimate to be completed by client.

Assumptions

- TSC design includes civil, structural, and miscellaneous metalwork.
- TSC cost estimates will only include civil, structural, and miscellaneous metalwork items.
- TSC specification sections will be inherent to civil, structural, and miscellaneous metalwork sections. CGB-200 to own and merge TSC specification sections into final document.
- CGB to coordinate value program and constructability review.
- No earned value

4. Schedule

Milestone	Dates	Notes
Start:	24 November 2021	
Safety of Dams Concept Evaluation	1 April 2022	
Concept C Package	1 June 2022	30% Design: Drawings and Cost Estimate
Complete:	30 June 2022	Phase 1: Concept C (30%)

5. Budget EstimateFY22

Phase 1 Funding: \$84,540.00

Fiscal Year	Cost Center	SL1	SL2	SL3	Total SD	Labor \$	Non Labor \$	Fee \$	Total
2021	86-681200	0	17.0	1.0	18.0	\$18,656	\$550	\$0	\$19,206
2021	86-681300	0	13.0	11.0	24.0	\$27,040	\$550	\$0	\$27,590
2021	86-681600	0	2.0	1.0	3.0	\$3,296	\$0	\$0	\$3,296
2021	86-681700	1.0	0	27.0	28.0	\$34,448	\$0	\$0	\$34,448
		1	32.0	40.0	73.0	\$83,440	\$1,100	\$0	\$84,540

FY23

Phase 2 Funding: TBD

Earned Value

Not performed.

6. Roles and ResponsibilitiesClient Project Manager

Joshua Fender – Point of contact for daily communication, project status, and updates.

TSC Team Leader

Justin Dorough – Responsible for technical aspects of the project including overall technical approval.

TSC Technical Leader

Justin Dorough – Responsible for technical aspects of the project including overall technical approval.

TSC Groups and Disciplines

A separate complete project team member list with contact information is periodically emailed to all project members.

Org Code	Group	Group Leader	Disciplines
8668120	Plant Structures	Sara Putnam	Miscellaneous Metalwork
8668130	Waterways and Concrete Dams 2	Justin Dorough	Team Lead, Civil/Structural
8668160	Specifications	Rob Carlson	Specifications
8668170	Estimating	Dan Maag	Estimating

7. Quality Assurance / Quality ControlQuality Assurance and Quality Control is performed in accordance with the "TSC Operating Guidelines", Directives and Standards [FAC 03-03](#), and the "TSC Project Management Guidelines".

8. Change Management

- Changes in scope, intermediate schedule, or task budgets will be tracked in a “Change Log”.
- Changes to the Service Agreement will be documented through a Change Order Form and Revised PMP.
- Significant changes in scope, exceedance of overall budget, or delay in Complete Date requires a change order.
- Minor changes in scope, interim milestones, or task budgets will be updated in a change order at the discretion of the TSC Team Leader or client.

This service agreement is an estimate of budget and TSC resource availability, which are subject to change.

9. Communication

Communication Element	Participants	Frequency Budgeted	Frequency Anticipated	Media/Setting
Internal kickoff meeting	TSC members	Once	Once	Face to face plus web meeting
Client kickoff meeting	TSC group leaders Client	Once	Once	Telephone w/ web meeting
Internal TSC meetings	TSC Group representatives, or as needed for scope	Monthly	As needed	Face to face plus web meeting
Client meetings		Every other week	Every other week	Telephone w/ web meeting available
Telephone updates		Monthly	As needed	Telephone w/ web meeting available
Status reports	Sent by TSC Leader (see Document Distribution)	Monthly	Monthly	Email
Change log	TSC Team Leader & Client	Monthly	Monthly	Attached to Status Report
Risk register	Maintained by TSC Team Leader	Monthly	Monthly	Attached to Status Report

Communication Expectations

TSC

TSC to respond to client emails and phone calls within 24 hours, if possible. If the TSC Team Lead is out of the office for an extended time, backup contact information will be provided. If a quicker response is needed, contact the TSC Team Lead by phone or the TSC Team Lead Group Manager.

Client

The client to reply to email and phone calls and transmit information that is anticipated to lead to project scope changes within 24 hours, if possible.

10. Risk Management

The TSC Team Leader and team members will manage risks assigned to the TSC through monitoring of work progress and budget expenditures and frequent communication and coordination activities. Team members are required to report to the team leader when:

- There is a potential or imminent delay of scheduled work or a deliverable product.
- It is determined that a change in scope of work is required.
- It is determined that the approved budget is not adequate to complete the scope of work.
- Information required for task completion is difficult to obtain or not received on time.

Risk Register

	Risk	Risk Description & Potential Impacts	Severity (H, M, L)	Probability (H, M, L)	Risk Mitigation
1	Funding Availability	Cost of project objectives may exceed current client funding availability.	L	L	Consideration of a modified scope of work, e.g. treated flow rate.
2	Incremental Funding	TSC funding is incremental. Delay in funding could impact schedule for phase 2 implementation.	M	L	Open communication.
3	Resource Availability	Lack of resources could slow work and delay schedule	M	M	Keep a consistent employee workload and minimize drop in work to eliminate potential resource deficiencies.
4	Scope Creep	Increasing the scope could delay final completion and increase budget requirements.	M	M	Proper prior planning will help to eliminate large scope additions; client will be contacted before incorporating increased scope to discuss impacts to budget and schedule.

11. Project Closeout

Per TSC project closeout procedures detailed in the "TSC Project Management Guidelines" and lessons learned detailed in the "TSC Lessons Learned" document.

12. Signatures

See TSCSASP site for signatures.

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL FLOOD, GENERAL MANAGER
SUBJECT: MUTUAL WELL #6 REHABILITATION, SPECIFICATION NO. 21-448
DATE: 03/23/2022

RECOMMENDATION:

- Award the contract for the Mutual Well #6 Rehabilitation, Specification No. 21-448, to General Pump Company, Inc. in the amount of \$131,175, and the President of the Board execute an agreement for said work.

BACKGROUND AND DISCUSSION:

The District's wellfield on Grand Avenue, adjacent to San Antonio Creek, provides groundwater to the Ojai Water System. Production of the wellfield has diminished as the existing wells have aged. Failure of the existing pump at Mutual Well #6 occurred in October 2021, which prompted the removal of the well assembly and video inspection of the casing. Growth has accumulated on the casing which has reduced production of the well. This contract includes cleaning and rehabilitation of the well casing to prepare for installation of a water-lubricated vertical turbine well assembly. Production of this well is needed to meet the demands of the Ojai Water System.

Two bids were received on March 11, 2022 as shown in Table 1. Bids were received via email and opened via conference call/Google Meet.

Table 1 – Bid Summary

Bidder	Total
General Pump Company, Inc.	\$131,175.00
Legend Pump and Well Service, Inc.	\$133,040.00

General Pump Company, Inc.'s bid is considered responsive and responsible and is recommended for award. A detailed bid evaluation compared to the Engineer's estimate is attached. There were two minor mathematical errors which were accepted by General Pump Company based on the unit pricing resulting in a total \$4.00 less than originally bid.

BUDGET IMPACT:

The Fiscal Year (FY) 2021-22 budget did not include a line item specifically for this project. Funding of \$135,000 is requested for FY 21-22 from CFD 2013-1.

Attachments: Detailed Bid Evaluation

CASITAS MUNICIPAL WATER DISTRICT
 1055 VENTURA AVENUE
 Oak View, CA 93022
 (805) 649-2251
 SPEC 20-438
 Project: Mutual Well #6 Rehabilitation
 Bid: 3/11/22 2:00 PM

Engineer's Estimate	Legend Pump and Well Service Inc. 1324 W. Rialto Ave San Bernadino, CA 92410	General Pump Company 1255 Battery St, #450 San Francisco, CA 94111
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ITEM#	DESCRIPTION	APROX. QTY	UNIT	BID UNIT PRICE	TOTAL AMT	BID UNIT PRICE	TOTAL AMOUNT	BID UNIT PRICE	TOTAL AMOUNT
1	Mobilization/Demobilization	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 16,920.00	\$ 16,920.00	\$ 19,209.00	\$ 19,209.00
2	Pre-Rehabilitation Video Survey	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,800.00	\$ 1,800.00	\$ 1,200.00	\$ 1,200.00
3	Bailing	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 3,640.00	\$ 3,640.00	\$ 4,330.00	\$ 4,330.00
4	Pressure Jetting/Cleaning	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,722.00	\$ 21,722.00
5	Bailing	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 3,640.00	\$ 3,640.00	\$ 4,080.00	\$ 4,080.00
6	Airlift/Swab Development	16	HR	\$ 1,000.00	\$ 16,000.00	\$ 1,715.00	\$ 27,440.00	\$ 2,335.00	\$ 37,360.00
7	Installation, Rental, and Removal of Test Pump	1	LS	\$ 17,500.00	\$ 17,500.00	\$ 23,400.00	\$ 23,400.00	\$ 21,406.00	\$ 21,406.00
8	Development by Pumping and Surging	20	HR	\$ 500.00	\$ 10,000.00	\$ 550.00	\$ 11,000.00	\$ 266.00	\$ 5,320.00
9	Testing	8	HR	\$ 500.00	\$ 4,000.00	\$ 550.00	\$ 4,400.00	\$ 222.00	\$ 1,776.00
10	Post-Rehabilitation Video Survey	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,800.00	\$ 1,800.00	\$ 1,200.00	\$ 1,200.00
11	Disinfection	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 3,500.00	\$ 4,972.00	\$ 4,972.00
12	Tank, Piping, and Fluid System	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 14,500.00	\$ 14,500.00	\$ 8,600.00	\$ 8,600.00
BASE BID TOTAL AMOUNT FOR BID ITEMS 1 THROUGH 12				\$	121,500.00	\$	133,040.00	\$	131,175.00

*General Pump Company Wrote Incorrect Total(s)

DIVISION OF WORK OR TRADE	SUBCONTRACTOR	SUBCONTRACTOR	SUBCONTRACTOR
Well Jetting		Well Jet/HPC	Hydropressure Cleaning, Inc.
Video Survey			Advanced Downhole

**CASITAS MUNICIPAL WATER DISTRICT
Board of Directors Memo**

DATE: March 18, 2022

TO: Board of Directors

FROM: Michael Flood, General Manager

SUBJECT: Commercial Activity Permit and Agreement Fee

RECOMMENDATION

The Board of Directors approve the Commercial Activity Fee of \$500 per annual agreement renewal.

BACKGROUND

A Commercial Activity Permit and Agreement is a permit issued to a person or company who wishes to conduct business on Lake Casitas Recreation Area (LCRA) property. LCRA has a long standing policy of issuing Commercial Activity Permits at no cost to the person or company it is issued to. The Permit outlines the rules and regulations while on LCRA property. LCRA only requires the appropriate insurance policy be submitted prior to the Permit and Agreement being issued. The Permit is valid for one year before renewal is required.

Traditionally Permits have been issued for businesses such as Fishing Guides, Trailer rentals, Bounce house vendors and non-emergency RV repair. Emergency repair / retrieval such as a tow truck to remove a stranded vehicle from the LCRA does not require such a Permit.

Permits provide no exclusivity and can be issued to any company or person wanting to conduct lawful business that is a benefit to the LCRA and its visitors.

Companies conducting work for and at the request of the Casitas Municipal Water District are exempt from this permit process.

DISCUSSION

During the 2020/21 season approximately 20 companies were issued Permits to conduct business in the LCRA and although no revenue is collected it does require staff time to prepare and retrieve all related information for the Permit and Agreement.

Staff recognizes the need and desire of companies and individuals who want to conduct lawful business that benefit the LCRA and its visitors. Staff also recognizes the need to process, approve, manage and enforce all provisions of any permits issued.

Staff recommends an annual fee of \$500.00 be paid by each company or person at the time a Permit is issued. Permits will run from July 1 to June 30 of each Casitas MWD fiscal year and there will be no prorating of permit fee. The current agreement will be modified to note the addition of a fee.

At their March 8, 2022 Committee Meeting, the Recreation Committee recommended this item be forwarded to the Board of Directors for consideration.

**CASITAS MUNICIPAL WATER DISTRICT
Board of Directors Memo**

DATE: 03/18/2022

TO: Board of Directors

FROM: Michael Flood, General Manager

SUBJECT: Set a hearing for the proposed adjustment of certain user fees at the Lake Casitas Recreation Area for April 13, 2022.

RECOMMENDATION

The Board of Directors set a Lake Casitas Recreation Area fee-change hearing for April 13, 2022.

BACKGROUND AND OVERVIEW

A fee survey was conducted by Lake Casitas Recreation Area (LCRA) Staff for the purpose of evaluating the current market rate for LCRA services, and fees. An informal survey was conducted between the months of January 2022 to February 2022. The information gathered is from similar agencies and although these agencies vary in services, location and amenities, the goal is to stay within the market rate without overpricing.

ANALYSIS

Based on the information gathered, staff identified camping (tent, trailer and RV's), snowbird program, pet fees, Casitas Water Adventure, and the Commercial Activity Permit and Agreement, as areas for consideration of user fee adjustment. Camping is the LCRA's largest revenue source but has the greatest costs associated with operations and maintenance.

Camping and Snowbird fees were last adjusted (increased) in March of 2020. The LCRA is currently at the average with tent camping and slightly above for partial and full service campsites (water, electricity, and sewer) when compared to County and State Parks. However LCRA is below that of private parks with full-service campsites and the equivalent amenities such as a store, café, pool, and proximity to a town, then that of most County and State facilities.

Casitas Water Adventure fees were last increased in March of 2020. The Casitas Water Adventure has high staff costs with hourly rates above minimum wage to maintain quality staff. CWA staff are also involved in activities other than lifeguarding, such as Junior Lifeguards Day Camp and a Water Exercise class.

The LCRA's goal is the ability to provide adequate reserves in order to build a capital improvements fund for future capital projects.

LCRA Staff recommends a user fee increase for camping, snowbirds, and the waterpark. This will offset the rising cost of supplies to maintain both campsites and the CWA's Lazy River facility.

Staff is also modifying campsites to accommodate the typically larger modern RV's and trailers, then that which these sites were established for when RVs were much smaller. This will provide a better camping experience for the LCRA's guests.

Camping Permit Fee Adjustment:

The current campsites are identified as Tent, Basic, Deluxe, and Executive sites. Plans are to also provide Premium sites in the near future. The high demand for Deluxe and Executive sites, which have full amenities (water, electricity and sewer) is growing due to the increased number of RV's and trailers visiting the LCRA. The addition of Premium sites (sites located on ends of camping sites will provide more space and privacy), will accommodate larger RV's and trailers than the current sites.

Staff recommends the following adjustments to Camping permit fees:

1. Tent, Basic, Deluxe, and Executive sites: Approximately 15% increase
2. Pricing of Premium sites: Set a range at 5% above the Executive sites.

Snowbird Fee Adjustment:

The LCRA's Snowbird Program is popular and LCRA Guest Services begins receiving phone calls several months prior to accepting applications about the status and availability of the program. The program runs between October 1st and March 31st.

The LCRA currently has thirty-five campsites reserved for the Snowbird program with approximately fifteen Basic, ten Deluxe, and ten Executive sites. Executive sites are the most popular and Snowbirds will often book a Deluxe site just prior to the start of the program until they can move into an Executive site on December 1 (Note: Executive sites are held back from the program until December 1st to accommodate the Thanksgiving holiday period).

An adjustment to the Snowbird Program pricing will assist with updating campsites and will include sewer pumping of units camping in a Basic or Deluxe site. This will also eliminate campers transporting human waste from their trailer or RV across the park in specialized containers to dump.

Staff recommends the following adjustments to Snowbird fees:

1. Increase of approximately 33% for the Snowbird Program to include the cost of sewer pumping (current cost for sewer pumping is \$20.00).

Casitas Water Adventure Fee Adjustment:

The Casitas Water Adventure is a bonus for campers visiting LCRA and provides an option for cooling off and deters guests from entering the Lake.

The loss of the Aquatic Play Structure (APS) in 2021 will require staff to focus on the Lazy River in order to provide CWA services until a decision is made on replacement of the APS.

Staff is recommending the following for the 2022 Casitas Water Adventure Season:

1. A flat rate of \$15.00 per guest. This will provide guests with the best opportunity to enter the Lazy River in a necessarily limited capacity area.

The CWA fee structure will be revisited when a decision is made on the future of an Aquatic Play Structure.

SUMMARY

Staff recommends adjustments to the LCRA fees as follows:

1. Tent, Basic, Deluxe, and Executive campsites: 15% increase
2. Pricing of Premium campsites: Set at 5% above the Executive sites.
3. Increase of approximately 33% for the Snowbird Program to include the cost of sewer pumping (current cost for sewer pumping is \$20.00).
4. A flat Casitas Water Adventure entry fee of \$15.00 per guest for entrance to one of two four hour sessions on Saturdays and Sundays.

Refer to the attached table of the current LCRA user fees, and user fees for consideration.

At their March 8, 2022 Committee Meeting, the Recreation Committee asked that this item be forwarded to the Board of Directors in order to set a fee hearing for April 2022.

Lake Casitas Recreation Area User Fees:

	Current		Proposed	
	Everyday	Sat-Sun & Holidays	Everyday	Sat-Sun & Holidays
	Non Season	Easter thru Labor Day	Non Season	Easter thru Labor Day
Motor Vehicle Permits: walk-in and bicycle free				
Per day, per motor vehicle	\$10.00	\$20.00		
Per day, per passenger bus	\$30.00	\$30.00		
Pet Permits:				
Per day, per pet Note: 1 Pet Included with FV Decal	\$2.00	\$2.00	\$3.00	\$3.00
Per night, per pet Note: 1 Pet Included with FV Decal	\$5.00	\$5.00		
Boat Permits:				
Per day, per boat (Subject to Quarantine)	\$15.00	\$15.00		
Per day, per canoe, kayak (Subject to Quarantine)	\$3.00	\$3.00		
Non-Emergency Boat Tow	\$50.00	\$50.00		
Per night, per boat *out of sync with similar fees	\$25.00	\$25.00		
Canoe/Kayak per night, per unit	\$4.00	\$4.00		
Tamper Proof Cable & Lock and Inspection	\$58.00	\$58.00		
Re-inspection (no cable, lock)	\$20.00	\$20.00		
Annual Permits				
Frequent Visitor Annual Decal (includes 1 Pet)	\$150.00	\$150.00		
Additional FV Annual Decal (Same household)	\$70.00	\$70.00		
Annual Boat Permit	\$145.00	\$145.00		
Annual Canoe/Kayak Permit	\$40.00	\$40.00		
Replacement/transfer of Annual Permit	\$5.00	\$5.00		
Picnic Area Reservation	\$175.00	\$175.00		
Casitas Water Adventure				
Single Splash Pass	\$15.00	\$17.00	\$15.00 2022 season	\$15.00 2022 season
Late Day Pass eliminate for 2022 season	\$8.50	\$8.50	N/A	N/A
2 Day Pass eliminate for 2022 season	\$28.00	\$32.00	N/A	N/A
Season Pass weekday only	\$75.00	\$75.00	\$75	\$75
Group Sales 35 minimum weekday only	\$12.00	N/A	\$12 @35	\$12 @35
Reservation Fee	\$10.00	\$10.00	\$10.00 / \$15.00	\$10.00 / \$15.00
Shade Canopy rental must buy at least 10 tickets	\$75.00	\$75.00	\$75	\$75
Camping Permits: Per night, per vehicle, per site. Maximum in all sites - 8 persons				
Tent Sites	\$35.00	\$40.00	\$40.00	\$46.00
Basic sites electric & water only	\$44.00	\$52.00	\$55.00	\$65.00
Deluxe sites, electricity, water, sewer & concrete pad	\$58.00	\$63.00	\$70.00	\$77.00
Executive sites, electricity, water, sewer & concrete pad	\$60.00	\$66.00	\$69.00	\$76.00
Premium Executive and Deluxe sites			\$55 - \$84	\$65 - \$92
Overflow, per unit, per night	\$48.00	\$48.00		
Extra vehicle per night - based on availability	\$14.00	\$20.00		
Late Check-Out / Renewal Fee	\$24.00	\$24.00		
Cancel / Change Reservation Fee, Per Site	\$6.00	\$6.00		

Lake Casitas Recreation Area User Fees:

	Current		Proposed	
	Everyday	Sat-Sun & Holidays	Everyday	Sat-Sun & Holidays
	Non Season	Easter thru Labor Day	Non Season	Easter thru Labor Day
Non-Refundable Reservation Fee, Per Site	\$10.00	\$10.00	\$10.00/\$15.00	\$10.00/\$15.00
Snowbird Off-Season Agreement Contract 60 night minimum				
Snowbird Basic sites electric & water only	\$30.00	N/A	\$40.00 Night includes pumping	N/A
Snowbird Deluxe sites electricity, water & concrete pad	\$35.00	N/A	\$46.00 Night Includes pumping	N/A
Snowbird Executive sites electricity, water, sewer, & concrete pad	\$40.00	N/A	\$53.00 Night	N/A
Group Camping				
Owl Court Camp Group Area per night	\$390.00 Includes 10 vehicles			
Owl Court Camp Group Area – Reservation Fee	\$100.00			
Trout Camp Group Area per night	\$390.00 Includes 10 vehicles			
Trout Camp Group Area – Reservation Fee	\$100.00			
Pollywog Camp Group Area per night	\$195.00 Includes 5 vehicles			
Pollywog Camp Group – Reservation Fee	\$50.00			
Picnic Area Reservation	\$175.00			
Recreational Vehicle Storage				
Back in storage sites up to 32 feet	\$126.00 \$63.00 after the 15 th of the month			
Pull thru storage sites up to 45 feet	\$150.00 \$75.00 after the 15 th of the month			
Canoe / Kayak storage racks	\$20.00			
Impound fee	\$60.00			

MEMORANDUM

TO: Board of Directors
From: Michael L. Flood, General Manager
RE: **Adoption of a resolution supporting the annexation of the parcels within the Tico Mutual Water Company into the Ventura River Water District.**
Date: March 18, 2022

RECOMMENDATION:

Recommend adoption of the attached resolution supporting the annexation of the parcels within the Tico Mutual Water Company to the Ventura River Water District.

BACKGROUND:

Tico Mutual Water Company has successfully negotiated a water service agreement with the Ventura River Water District (VRWD).

All parcels with the Tico Mutual Water Company lie within the Casitas Municipal Water District boundary and outside the Ventura River Water District boundary thus they must be annexed into the VRWD in order to be served.

VRWD has requested that Casitas MWD adopt a resolution supporting this annexation.

DISCUSSION:

Since VRWD is willing to serve the Tico Mutual Water Company if they annex into VRWD's district and Casitas MWD is unable to efficiently serve all of the parcels within the Tico Mutual Water Company, these property owners would be better served by VRWD.

Attachment A is a list of the parcel numbers subject to this annexation.

ATTACHMENT A

TICO MUTUAL WATER COMPANY

PARCEL NUMBERS AND STREET ADDRESSES

1. 033-0-180-065; 11164 N. Ventura Avenue Ojai, CA 93023
2. 033-0-180-145; 11110 N. Ventura Avenue Ojai, CA 93023
3. 033-0-180-030, 11128 N. Ventura Avenue Ojai, CA 93023
4. 033-0-180-045; 11134 N. Ventura Avenue Ojai, CA 93023
5. 033-0-180-075; 11166 N. Ventura Avenue Ojai, CA 93023
6. 033-0-180-055; 11140 N. Ventura Avenue Ojai, CA 93023
7. 032-0-130-115; 144 Baldwin Road Ojai, CA 93023
8. 032-0-130-245; 152 Baldwin Road Ojai, CA 93023
9. 032-0-130-120; 154 Baldwin Road Ojai, CA 93023
10. 032-0-130-105; 158 Baldwin Road Ojai, CA 93023
11. 032-0-130-050; 1600 S. Rice Road Ojai, CA 93023
12. 032-0-130-080; 162 Baldwin Road Ojai, CA 93023
13. 032-0-130-060; 1620 S. Rice Road Ojai, CA 93023
14. 032-0-130-205; 1670 S. Rice Road Ojai, CA 93023
15. 032-0-130-195; 1672 S. Rice Road Ojai, CA 93023
16. 032-0-120-010; 1686 S. Rice Road Ojai, CA 93023
17. 032-0-120-115; 1690 S. Rice Road Ojai, CA 93023
18. 032-0-120-125; 1694 S. Rice Road Ojai, CA 93023
19. 032-0-120-030; 1726 S. Rice Road Ojai, CA 93023
20. 032-0-120-085; 1732 S. Rice Road Ojai, CA 93023
21. 032-0-120-040; 1790 S. Rice Road Ojai, CA 93023

22. 032-0-120-065; 1792 S. Rice Road Ojai, CA 93023
23. 032-0-120-075; 1794 S. Rice Road Ojai, CA 93023
24. 032-0-120-050; 1872 S. Rice Road Ojai, CA 93023
25. 032-0-110-015; 1880 S. Rice Road Ojai, CA 93023
26. 032-0-110-105; 1884 S. Rice Road Ojai, CA 93023
27. 032-0-110-115; 1886 S. Rice Road Ojai, CA 93023
28. 032-0-140-195; 1895 Woodland Avenue Ojai, CA 93023
29. 032-0-110-255; 1912 S. Rice Road Ojai, CA 93023
30. 032-0-110-085; 1924 S. Rice Road Ojai, CA 93023
31. 032-0-110-075; 1928 S. Rice Road Ojai, CA 93023
32. 032-0-110-065; 1936 S. Rice Road Ojai, CA 93023
33. 032-0-110-055; 1976 S. Rice Road Ojai, CA 93023
34. 032-0-150-100; 2394 S. Rice Road Ojai, CA 93023
35. 033-0-180-105; 11136 N. Ventura Ave Ojai, CA 93023
36. 032-0-110-045; 1940 S. Rice Rd. Ojai, CA 93023
37. 033-0-180-085; 11158 Ventura Ave Ojai, CA 93023
38. 033-0-180-115; 11168 Ventura Ave Ojai, CA 93023

CASITAS MUNICIPAL WATER DISTRICT

RESOLUTION RELEASING MULTIPLE PARCELS KNOWN AS THE TICO MUTUAL WATER COMPANY FROM
CASITAS MUNICIPAL WATER DISTRICT SERVICE AREA

WHEREAS, there are established service areas for all water purveyors, and

WHEREAS, it would be inefficient for the Casitas MWD to provide water service to the Tico Mutual Water Company parcels in Attachment A, and

WHEREAS, Ventura River County Water District can serve the Tico Mutual Water Company parcels efficiently, and

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Casitas Municipal Water District as follows:

1. Casitas MWD releases the Tico Mutual Water Company Parcels in Attachment A from the Casitas Municipal Water District service area contingent on these parcels being formally annexed into Ventura River County Water District service area.

ADOPTED this 23rd day of March 2022.

Brian Brennan, President

Casitas Municipal Water District

ATTEST:

Neil Cole, Secretary

Casitas Municipal Water District

January 20, 2022



**VENTURA
RIVER
WATER DISTRICT**

409 Old Baldwin Road
Ojai, CA 93023

Phone (805)646-3403

www.VenturaRiverWD.com

DIRECTORS

President:

Peggy Wiles

Vice President:

Nathan Rosser

Treasurer:

Ed Lee

Directors:

Bruce Kuebler

Jack Curtis

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Bert Rapp, P.E.

Bert@VenturaRiverWD.com

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FIELD SUPERVISOR

Mark Albertsen

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ATTORNEY

Lindsay Nielson, ESQ

NielsonLaw@aol.com

Mr. Mike Flood, General Manager
Casitas Municipal Water District
1055 Ventura Ave.
Oak View, CA 93022

Subject: Annexation of Tico Mutual into Ventura River Water District

Dear Mr. Flood;

The purpose of this letter is to request that the Casitas Municipal Water District Board approve the Annexation of Tico Mutual Water Company parcels into the Ventura River Water District and approve the transfer of the 8-Acre Foot Tico allocation to Ventura River Water District Casitas Meter # 2355928, Hwy 150 Cage.

For the last two years Tico Mutual Water Company has been working with the Ventura River Water District to merge. Together we have signed the attached Consolidation and Water Service Agreement and are applying to the State Revolving Fund Loan Program to obtain up to 75% funding for the merger improvements necessary to bring the Tico area domestic water facilities up to standard and connect them to VRWD. Tico and VRWD are currently preparing improvement plans for the water system improvements.

Per the merger agreement Tico will continue to use its water system for outdoor irrigation with high nitrate groundwater and use VRWD water for potable usage inside the homes.

An Initial Environmental Study prepared by the VRWD determined that after the merger Tico will use an additional 5.1 AF of high nitrate groundwater per year for irrigation which will reduce demand on Lake Casitas by 5.1 AF per year because Tico must blend the high nitrate water with Casitas water to make it potable.

The Ventura River Water District has adopted Resolution 2022-340 Initiating Proceedings to annex Tico Mutual.

Very Truly Yours

VENTURA RIVER WATER DISTRICT

Bert J. Rapp, General Manager

Attachments: Resolution 2022-340, Consolidation Agreement, Initial Study, Engineer's Report, VRWD Boundary map showing Tico area.

MEMORANDUM

TO: Board of Directors
From: Michael L. Flood, General Manager
RE: **Approval of the transfer of eight acre-feet of Casitas MWD Stage 1 water supply allocation from the Tico Mutual Water Company to the Ventura River Water District.**
Date: March 18, 2022

RECOMMENDATION:

Approval of the transfer of eight acre-feet of Casitas MWD Stage 1 water supply from Tico Mutual Water Company to the Ventura River Water District

BACKGROUND:

Tico Mutual Water Company successfully negotiated a water service agreement with the Ventura River Water District (VRWD) in 2021.

Transfer of Tico Mutual Water Company's Casitas MWD Stage 1 allocation to VRWD is required as part of the Tico – VRWD water service agreement.

DISCUSSION:

Tico Mutual Water Company has executed a water service agreement with the Ventura River Water District which requires both annexation into VRWD and transfer of Tico's eight acre-feet of Casitas MWD Stage 1 allocation (See TICO-VRWD Water Service Agreement, Paragraph 4-a-iii).

VRWD's analysis indicates that the transfer of Tico water service function to VRWD will actually reduce the impact on Casitas since they plan to provide service via their existing water resources (See VRWD Engineer's Report, Table 1, Page 8). Tico's allocation would become backup supply for VRWD.

Since this transfer would reduce Casitas' current demands and provide VRWD additional backup supply in emergencies, staff recommends that the transfer be approved.

**CONSOLIDATION AND WATER SERVICE AGREEMENT BETWEEN
TICO MUTUAL WATER COMPANY
AND
VENTURA RIVER WATER DISTRICT**

This CONSOLIDATION AND WATER SERVICE AGREEMENT (“Agreement”) is made and entered into this 15th day of July, 2020, by and between the VENTURA RIVER WATER DISTRICT, a California special district (“VRWD”), and the TICO MUTUAL WATER COMPANY, a California corporation (“Tico”). VRWD and Tico are hereinafter sometimes collectively referred to as “Parties” and each a “Party.”

RECITALS

- A. VRWD is a special district formed in 1956 pursuant to Water Code section 30000, et seq. VRWD is a retail water purveyor for areas in the unincorporated portion of Ventura County as well as a portion of the City of Ojai. VRWD’s service area is comprised of approximately 2,100 acres and is depicted in Exhibit 1, attached hereto (the “VRWD Service Area”). VRWD provides potable water service for residential, commercial and industrial uses. VRWD does not provide water for agricultural irrigation. VRWD primarily produces water from its groundwater sources. VRWD also receives treated surface water from Lake Casitas.
- B. Tico is a mutual water company that operates in Ventura County, California. Tico incorporated in 1949 and operates pursuant to its 1949 Articles of Incorporation (“Articles”) and its By-Laws of Tico Mutual Water Company (“By-Laws”), adopted in 1950. Tico’s Articles provide, in part, that Tico may “sell, distribute, supply and deliver water for irrigation purposes and domestic use to the owners of the shares [of Tico].” The By-Laws further provide, in part, that water “sold, distributed, supplied or delivered” by Tico shall be “only to the owners of [Tico’s] shares, save only in case of emergency.”
- C. Tico’s current service area is illustrated in Exhibit 2 attached hereto and is generally in the unincorporated area of Ventura County that is bounded by Baldwin Road, Rice Road and Woodland Avenue and area between North Ventura Avenue, Encino Drive and north of Barbara Street (the “Tico Service Area”). The Tico Service Area partially overlaps with, but is not entirely within, the VRWD Boundary. The Assessor Parcel Numbers of the parcels within the Tico Service Area are included in Exhibit 3 attached hereto.
- D. Tico operates a groundwater well located in an easement in the common area west of APN 032-0-261-015 at 70 Baldwin Road in the Ojai Villa Mobile Estates. The well is identified as State Well Number CA5601122 (the “Tico Well”). Tico also owns a water storage tank on property referenced as Assessor Parcel Number 032-0-120-050, 1872 S. Rice Road.
- E. Tico operates as a “small community water system,” as defined by Health and Safety Code section 116275, and maintains a Domestic Water Supply Permit from the Division of

Drinking Water of the State Water Resources Control Board (“State Board”) pursuant to Health and Safety Code section 116525, et seq.

- F. The County of Ventura (“County”) Public Works Agency established a policy in 2014 requiring Tico, among others, to demonstrate compliance with the Ventura County Water Works Manual (“Manual”) before the County will issue any Will Serve Letters for water service within the Tico Service Area. Such letters are required prior to the issuance of discretionary land use entitlements by the County. In 2017, Tico contracted with Water Resources Engineering Associates (“WREA”) to analyze what improvements, if any, would be required for Tico to comply with the Manual. Tico and WREA determined that Tico’s system must be reconstructed, at substantial cost, to meet the Manual’s requirements.
- G. In order to promote and protect the health and safety of the shareholders of Tico, Tico wishes to explore and pursue the termination of its service of potable water. In furtherance of this goal, Tico submitted a request to VRWD whereby VRWD would assume responsibility for providing potable water to Tico’s shareholders while Tico would continue to own and operate its existing infrastructure, including the Tico Well, for irrigation purposes only.
- H. The Parties acknowledge that this consolidation process will require further planning, engineering, and permitting work, including for approval by the Ventura County Local Agency Formation Commission (“LAFCo”), as well as the likely construction of new or modified water infrastructure.
- I. VRWD is eligible to apply for a zero-interest loan through the State Revolving Fund Loan Program, with the support of the Division of Drinking Water’s Santa Barbara Office, to provide funding for the planning and construction of the infrastructure improvements required to allow VRWD to assume potable water service obligations for Tico’s shareholders.
- J. The Parties desire to enter into such an agreement to provide for the engineering, planning, environmental review, permitting, and construction work necessary to consolidate Tico’s potable water service into VRWD.

AGREEMENT

Now, therefore the Parties hereby agree as follows:

1. Incorporation of Recitals. All the above recitals are incorporated herein and the Parties acknowledge that the recitals are correct. All the exhibits are incorporated herein by this reference as if fully set forth.
2. Potable Water System Consolidation.
 - a. The Parties enter into this Agreement to further the engineering, planning, environmental review, permitting, and construction work necessary to consolidate

Tico's potable water service into VRWD. The Parties anticipate that such work will include fees associated with VRWD's own engineering, planning, review, and construction work as well as fees for: outside engineers and consultants; governmental agency (LAFCo, Caltrans, and County) permitting, approvals, and review; water system infrastructure improvements; and other miscellaneous related expenses.

- b. Within 30 days after execution of this Agreement, Tico shall assign a person or persons ("Tico's Representatives") to work with VRWD staff, State Board staff, and others to determine what water system improvements will be required to connect Tico's shareholders with VRWD. Tico's Representatives shall also work with VRWD staff to: select consultants and engineers, as needed; assist VRWD with all required permits and approvals, including annexation of portions of the Tico Service Area into the VRWD Service Area by LAFCo; apply for funding pursuant to section [3] below; and, if the Parties receive all approvals for, and elect to complete, the necessary work to consolidate Tico's potable water service into VRWD, coordinate the construction of water system infrastructure necessary for VRWD to serve potable water to Tico's shareholders.
- c. At a minimum, the Parties shall design and plan for the following:
 - i. Each Tico shareholder shall be connected to VRWD's water system and shall receive potable water solely from VRWD.
 - ii. Each Tico shareholder property shall have a meter, pressure reducer, and adequate backflow device to ensure that Tico irrigation water does not enter VRWD's water system. The meter and backflow devices shall be sized in accordance with the Tico shareholder's usage history or per the shareholder's request. Tico shareholders shall be responsible for funding, installing and maintaining the pressure reducer, backflow device and water pipe from the meter to the home and to disconnect the home from Tico irrigation water.
 - iii. VRWD shall install the water system infrastructure, including water mains, service laterals from the main to the meter, and meters, in the public right of way or easement and near the Tico shareholder's property line and shall own and maintain such infrastructure.
 - iv. VRWD shall install fire hydrants at 500-foot spacing that provide at a minimum 1,000 gallons per minute for residential properties and 1,250 gallons per minute for commercial properties as approved by the Ventura County Fire Protection District.
- d. Tico shall coordinate requests to its shareholders to dedicate construction, maintenance, or operational easements as required to accommodate the water system improvements that will be owned and operated by VRWD outside of the public right-of-way. If easements must be obtained through the Eminent Domain

process Tico Mutual shall be responsible the associated costs. Such costs may be included in the SRF loan.

3. Loan Request and Repayment.

- a. VRWD is authorized to seek interest-free loan funding in the amount of up to \$10,000,000 from the State Revolving Fund Loan Program (SRF) to be issued simultaneously with LAFCo annexation approval. In the event that VRWD does not receive such funding, either of the Parties may elect not to proceed with the actions contemplated by this Agreement.
- b. Prior to obtaining the SRF Loan Tico shall fund the preliminary Engineering, Environmental and LAFCo fees in furtherance of preliminary engineering, planning, and environmental work to determine what infrastructure is required for VRWD to provide service to Tico's shareholders and to seek and obtain approvals, including annexation from LAFCo, such that VRWD may provide potable water service to Tico's shareholders. Tico shall be reimbursed for these upfront expenses through the SRF loan by VRWD upon funding of the SRF loan.
- c. VRWD may spend up to \$1,300,000 of the proceeds of the Tico portion of the SRF Loan in accordance with this agreement. VRWD may not spend monies in excess of \$1,300,000 on the Tico consolidation until: (i) Tico consents to such expenditures; and (ii) Tico's shareholders consent to be responsible for repayment of the further expenditures in a satisfactory manner to each of the Parties. The failure to obtain such consents shall be grounds for a Party to terminate this Agreement. The following criteria must be satisfied for the repayments to be acceptable to VRWD:
 - i. Tico's shareholders shall each accept a repayment obligation period of 20 years or less. Tico's shareholders shall, at a minimum, make fixed payments over that period to VRWD through a tax assessment on their property tax bill with proceeds paid to VRWD. Such payments shall continue until a shareholder's repayment obligation to VRWD is paid off. Each Tico shareholder shall be allowed to pay off their repayment obligation early with no penalty.
 - ii. VRWD shall form an Assessment District over the 43 parcels owned by the 38 Tico shareholders. The annual tax shall include loan payments for the Tico costs and annual administrative costs from the County Tax Assessor and as incurred by VRWD. The Assessment District and annual tax rate shall be approved by Tico Shareholders prior to the LAFCo approval of the consolidation.
 - iii. Tico Capacity Charge: There are presently 43 legal lots owned by the 38 Tico shareholders. In addition, some shareholder lots are capable of being split into two or more legal lots. Should an owner of such an additional parcel desire a VRWD water meter after the assessment district described in 3.c.ii

is formed and Tico notifies VRWD of such need for a VRWD water meter then VRWD shall collect a Tico Capacity Charge prior to issuing a water meter to said property. The revenues from the Tico Capacity Charge shall be applied equally to reduce the remaining principal owed by contributing Tico shareholders. The Tico Capacity Charge shall be: Total Tico Cost/Tico Shareholders (including the new shareholder) or as set by Tico. Presently estimated at \$33,333. A new additional dwelling unit on an existing Shareholder parcel will not be subject to a Tico Capacity Charge.

- iv. Default Reserve Account: A Default Reserve of \$5,000 shall be established using loan proceeds. The Default Reserve funds shall be utilized to make up for lost cash flow if any Tico shareholders default. When the loan is paid off, about 20 years later, the monies remaining in the Default Reserve Account shall be applied to the remaining balances on the Tico Shareholder Accounts.
 - d. VRWD may elect to borrow additional funds through the SRF program for unrelated projects or matters. VRWD may jointly apply for such funding with the Tico Loan, but VRWD shall be solely responsible for any loans or amounts other than the Tico portion of the Loan. VRWD shall indemnify and hold harmless from any claim against Tico or its directors, shareholders, or representatives for the repayment of any loans or loan amounts other than the Tico Loan.
4. Consolidation. The following shall occur upon completion of all approvals and infrastructure required for VRWD to provide potable water service to Tico's shareholders:
- a. Cessation of Potable Water Service.
 - i. Tico shall cease providing potable water to its shareholders. Tico shall request to the Division of Drinking Water that its Domestic Water Supply Permit be cancelled, and Tico will seek to cancel any related or associated licenses, approvals, or permits arising from its service of potable water.
 - ii. Tico shall amend its Articles and By-Laws to be consistent with this Agreement.
 - iii. Tico shall dedicate its eight acre-foot allocation from Casitas Municipal Water District ("Casitas") to VRWD. Tico shall cooperate in executing any agreements or authorizing any documents in furtherance of the transfer. VRWD shall utilize this allocation to provide water to its customers from Casitas in the event VRWD's groundwater sources lack sufficient capacity to meet VRWD's customers' demands.
 - iv. The Parties understand and acknowledge that there is a pending adjudication of the Ventura River Watershed, which includes the Ventura River as well as four groundwater basins, including the basin(s) from which

VRWD and Tico produce water. Each Party reserves the right to pursue, or not, any claims in the adjudication in its sole discretion.

b. Existing Tico Infrastructure.

- i. Tico shall continue to operate its existing water system, including the Tico Well, other wells, pumps, pipes, and tank, only to provide water for irrigation or similar non-potable purposes for its shareholders, in accordance with all applicable laws and regulations. In exchange for this operation and the dedication of the 8AF in 4.a.iii, VRWD waives all capacity charges. Should Tico elect in the future to cease operating the Tico Well, VRWD shall have a first right to purchase the Tico Well and, if possible, the Tico Well Easement at fair market value.
- ii. Tico shall monitor and test its irrigation water system in accordance with all laws and regulations, including those implemented by the State Board to ensure that irrigation water is not entering the VRWD water system. At the writing of this agreement the Division of Drinking Water requires Tico provide a cross connection test of each home served by non-potable irrigation water every 4 years and provide the test results to VRWD and the Division of Drinking Water.
- iii. In the event of future improvements and repairs to the Tico water system, Tico shall clearly delineate, through the utilization of “purple pipe or other indicators,” that its system provides non-potable water that is not safe for potable uses.

c. Rights and Privileges of Tico’s Shareholders.

- i. Tico’s shareholders shall enjoy all the rights and privileges of being a VRWD customer and shall be subject to VRWD’s standard rules and regulations, including VRWD’s standard water rates, except as provided herein.
- ii. VRWD and its customers are bound by the drought stage water conservation requirements adopted by Casitas as described in the Resale Water Service Agreement, attached hereto as Exhibit 4. Tico shall provide its shareholders with a copy of the Resale Water Service Agreement. Tico’s shareholders shall be subject to the same requirements of the Resale Water Service Agreement.

5. Binding on Successors. This Agreement shall be recorded with the Ventura County Recorder’s Office and shall be binding upon Tico, its grantees, successors, assigns, and lessees.

6. Insurance. The Parties shall, at their own cost and expense, and until all water system improvements required for VRWD to provide potable water to Tico’s shareholders are

complete, carry adequate insurance to protect each Party from claims under the Worker's Compensation Acts. Each Party shall also, at its cost and expense and throughout the term of this Agreement and any extensions thereof, carry: (a) a general personal injury and property damage liability insurance policy (including coverage for products and contractual obligations) and (b) an automobile liability insurance policy, to the extent that either party has employees and/or vehicles. If not, this provision shall not apply as to Workers Compensation insurance or automobile insurance. Each of the foregoing insurance policies if required, shall provide liability limits of not less than \$1,000,000 per policy for the injury or death of a person or persons and property damage in any one accident or an annual aggregate minimum of \$1,000,000 per policy. Each Party shall notify the other immediately if a Party's general aggregate of insurance is exceeded by valid litigated claims, and then additional levels of insurance must be purchased to maintain the above stated requirements. The insurance provided by each Party shall be primary and noncontributory. Each type of insurance mentioned herein shall be written by a financially responsible company or companies authorized to do business in the State of California. Each Party agrees to provide the other with copies of certificates of all policies upon written request. Each policy contemplated under this Agreement shall contain an endorsement that they are not subject to cancellation without thirty (30) days' prior written notice, by first class mail, being given to the other Party by the insurance company or companies writing such insurance, except that ten (10) days' notice may be given if cancellation is due to nonpayment of premiums. Each Party agrees to name the other as an additional insured on any general and automobile liability insurance policies.

7. Indemnifications.

- a. To the maximum extent permitted by law, Tico agrees to indemnify and defend VRWD and its officers, directors, officials, agents, employees, and volunteers from any and all claims, demands, costs (including reasonable attorney's fees) or liability that, directly or indirectly, arise out of, pertain to, or relate to (i) the breach of this Agreement by Tico; or (ii) the negligence, recklessness, or willful misconduct of Tico, provided, that this indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, arising from the sole negligence, willful misconduct or defects in design furnished by VRWD to Tico, or arising from the active negligence of VRWD. Except as provided in the foregoing sentence, Tico will indemnify and defend VRWD notwithstanding any alleged or actual passive negligence of VRWD which may have contributed to the claims, demands, costs or liability.
- b. To the maximum extent permitted by law, VRWD agrees to indemnify and defend Tico and its officers, directors, officials, agents, employees, shareholders, and volunteers from any and all claims, demands, costs (including reasonable attorney's fees) or liability that, directly or indirectly, arise out of, pertain to, or relate to (i) the breach of this Agreement by VRWD; or (ii) the negligence, recklessness, or willful misconduct of VRWD, provided, that this indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss,

arising from the active negligence of Tico. Except as provided in the foregoing sentence, VRWD will indemnify and defend Tico notwithstanding any alleged or actual passive negligence of Tico which may have contributed to the claims, demands, costs or liability. Insurance coverage requirements specified in this Agreement shall in no way lessen or limit the liability of VRWD under the terms of this indemnification obligation.

- c. Construction contracts awarded to perform work for Tico shall include a provision to name Tico and VRWD as additionally insured in amounts not less than as delineated in paragraph 6.
 - d. The insurance coverage requirements specified in this Agreement shall in no way lessen or limit the liability of each Party under the terms of the above indemnification obligations.
 - e. The terms of this paragraph 7 shall survive the expiration or termination of this Agreement.
8. Dispute Resolution. Disputes arising under or related to the performance of this Agreement shall be resolved by mediation or arbitration unless VRWD and Tico agree in writing, after the dispute has arisen, to waive mediation or arbitration and to have the claim or dispute litigated in a court of competent jurisdiction. Prior to having any dispute submitted to arbitration, the parties agree to first submit any unresolved dispute to mediation. Both parties agree to retain the services of a mutually agreed upon mediator or a retired judge of the superior court to mediate the dispute. If mediation fails, either side may request arbitration. The cost of the mediator shall be paid equally by both parties. The prevailing party shall be reimbursed for all costs and attorney fees by the losing party.
9. Notices. Any and all notices or other matters required or permitted by this Agreement or by law to be served on, given to, or delivered to either party by the other party to this Agreement shall be in writing and shall be deemed duly served, given, or delivered when personally delivered to the party to whom it is directed, or, in lieu of personal service, when deposited in the United States mail, first-class postage prepaid, addressed to:

For the VRWD: Attn: VRWD General Manager (or current)
 Bert J. Rapp, P.E. Ventura River
 Water District
 409 Old Baldwin Road
 Ojai, CA 93023
 Cell: (805) 340-7263
 Email: Bert@VenturaRiverWD.com

For Tico: Attn: Tico Mutual Board President (or current)
 Kathy Dawson
 162 Baldwin Road

Ojai, CA 93023
Cell: (805) 798-4567
Email: Kathy@BigRedCrane.net

10. Termination. Except for provisions expressly identified above as surviving beyond the termination of this Agreement, this Agreement shall terminate 20 years after the first monthly payment by Tico shareholders or when the final financial obligations described in Paragraph [3] are met, whichever is sooner.

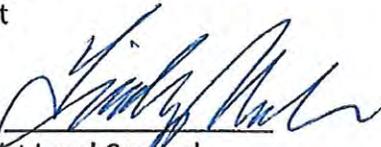
IN WITNESS WHEREOF, the Ventura River Water District has caused their presence to be executed by its officers, thereunto duly authorized, and Tico has subscribed same, all on the day and year first above written.

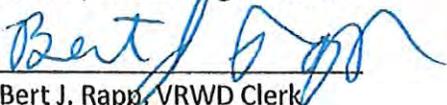
VENTURA RIVER WATER DISTRICT

TICO

By: 
Ed Lee, President

By: 
Kathy Dawson, President

Approved as to form: 
Lindsay Nielsen, District Legal Counsel

Attest: 
Bert J. Rapp, VRWD Clerk

Tico Shareholder signatures are on the following pages:

ENGINEER'S REPORT

TICO MUTUAL ANNEXATION INTO VENTURA RIVER WATER DISTRICT

Prepared by: Bert J. Rapp, P.E.

R.C.E. 35326



February 26, 2021

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EXHIBITS

Exhibit 1	Ventura River Water District Boundary and Tico Mutual Boundary
Exhibit 2A	North Tico Existing Water System Improvements
Exhibit 2B	Middle Tico Existing Water System Improvements
Exhibit 2C	South Tico Existing Water System Improvements
Exhibit 3A	North Proposed Improvements
Exhibit 3B	Middle Proposed Improvements
Exhibit 3C	South Proposed Improvements
Exhibit 4	Water Availability Letter, Appendix D – Zone 1 Capacity Calculations

TABLES

Table 1	Water Usage Before and After Merger
Table 2	Construction Cost Estimate
Table 3	Estimate of Overall Annexation Costs

INTRODUCTION

The Tico Mutual Water Company (Tico) desires to annex into the Ventura River Water District (VRWD). See Exhibit 1 for the boundaries of VRWD and Tico.

VRWD is a special district formed in 1956 pursuant to Water Code section 30000, et seq. VRWD is a retail water purveyor for areas in the unincorporated portion of Ventura County as well as a portion of the City of Ojai. VRWD's service area is comprised of approximately 2,160 acres and is depicted in Exhibit 1. VRWD provides potable water service for residential and commercial uses. VRWD does not provide water for agricultural irrigation. VRWD primarily produces water from its groundwater sources. VRWD also receives treated surface water from Lake Casitas.

Tico is a mutual water company that operates in Ventura County, California. Tico incorporated in 1949 and operates pursuant to its 1949 Articles of Incorporation and its By-Laws of Tico Mutual Water Company, adopted in 1950. Tico's Articles provide, in part, that Tico may "sell, distribute, supply and deliver water for irrigation purposes and domestic use to the owners of the shares [of Tico]." Tico entered into a Consolidation and Water Service Agreement with VRWD in July 2020 to merge with VRWD. The intention is that Tico will continue to serve irrigation water to their existing Shareholders and to any interested VRWD customers. Tico will no longer serve domestic water once connected to the VRWD system.

Tico operates a groundwater well located in an easement in the common area of the Ojai Villa Mobile Estates at 70 Baldwin Road. Tico also owns pipes and pumps and a water storage tank to serve water to their shareholders operates as a small community water system and maintains a Domestic Water Supply Permit from the Division of Drinking Water of the State Water Resources Control Board.

With the merger Tico will continue to operate its water system as an irrigation system only and will terminate their domestic water permit. Domestic water and fire protection water will be provided by the VRWD system.

VRWD and its customers are bound by the drought stage water conservation requirements adopted by Casitas as described in a Resale Water Service Agreement between VRWD and Casitas. Tico's shareholders have agreed to abide by the same drought stage requirements.

This Engineer's Report describes the improvements necessary to merge with Tico and provide domestic and fire protection water for the Tico shareholders.

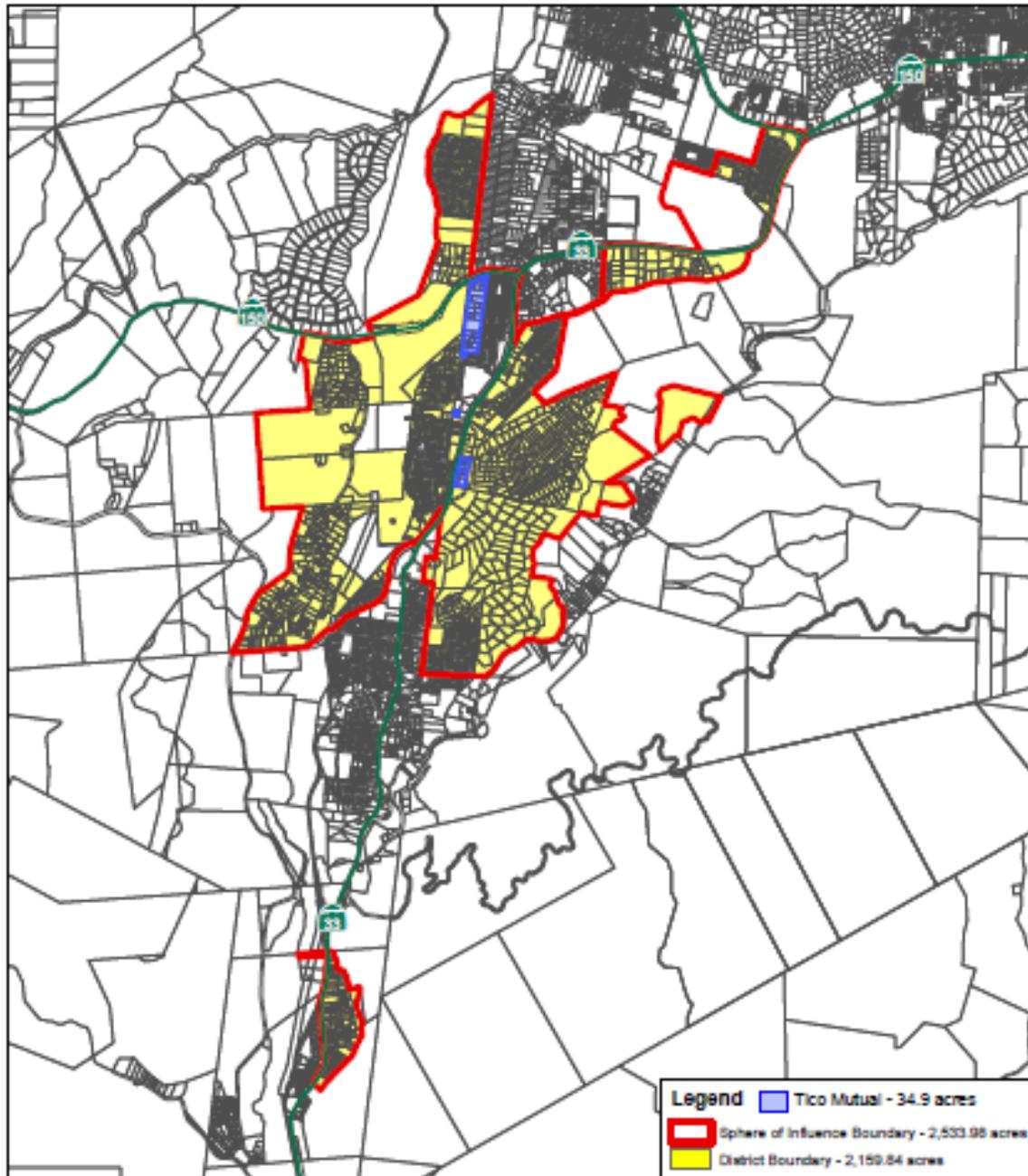


EXHIBIT 1

Ventura River Water District
Current as of July 2, 2019

Prepared by County of Ventura - Information Systems Department - GIS Division
State Plane Coordinate System California Zone V - NAD 27
This map was compiled from records and computations



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WARNING: The information contained herein was created by the Ventura County Geographic Information System (GIS), which is designed and operated solely for the convenience of the County and related entities. The County does not warrant the accuracy of this information, and no decision involving a risk of economic loss or physical injury should be made in reliance thereon.

THE TICO WATER SYSTEM

The Tico water system currently serves 43 parcels with 39 active customers. See Exhibits 2A, 2B and 2C. Tico presently operates Well #1 located in the Ojai Villa Mobile Estates in an easement. Well #1 pumps water from an area of the Upper Ventura River Groundwater Basin that has high nitrates. Tico has other wells that are not currently active but may be used when the system is limited to irrigation water. Other improvements include pumps, pipes, and tanks. Tico has a Casitas Turn Out at the Silver Spur Cul-De-Sac. This turnout is for blending the high nitrate water from Well #1 and will be discontinued once Tico is connected to VRWD. Tico owns an 8-Acre Foot Casitas allocation that they will dedicate to VRWD.

Because the Tico system will no longer provide potable water, future improvements and repairs to the Tico water system will be made with purple pipe or other indicators so users will know that the water is not safe for potable uses.

PROPOSED IMPROVEMENTS

The proposed improvements are shown on Exhibits 3A, 3B & 3C.

In the North Tico Area, Exhibit 3A, a 505-foot long 8" PVC water main is planned in the alley to connect the 12-inch main in Rice Road to the 6-inch main in the alley. There will be three residential fire hydrants (one 4" and one 2.5" outlet) installed in the alley as shown on Exhibit 3A.

In the South Tico Area, Exhibit 3C, two 6" PVC water mains will be connected to the 8" ACP main and installed under Hwy 33, N. Ventura Ave. These pipes will be installed in a 10" steel sleeve under the highway at night by directional drilling or open cut. The southerly Fire Hydrant will be a commercial hydrant with one 4" outlet and two 2.5" outlets. The hydrant to the north will be a residential hydrant with one 4" and one 2.5" outlet.

The locations of the fire hydrants on Exhibits 3A and 3C have been reviewed by the Ventura County Fire Protection District.

Each of the active 43 Tico shareholder properties shall have a ¾” or 1” meter, pressure reducer, and adequate backflow device to ensure that Tico irrigation water does not enter VRWD’s potable water system. The meter and backflow devices shall be sized in accordance with the Tico shareholder’s usage history or per the shareholder’s request as approved by VRWD. Tico shareholders shall be responsible for funding, installing, and maintaining the pressure reducer, backflow device and water pipe from the meter to the home and to disconnect the home from Tico irrigation water. An 1.5” water meter will be installed to provide emergency water to the Tico water tank.

VRWD shall own and maintain the water infrastructure installed by this project. Such improvements shall include water mains, service laterals from the main to the meter, and meters, in the public right of way or easements.

EASEMENTS AND ENCROACHMENT PERMITS FOR WATER INFRASTRUCTURE

The water system infrastructure for this project will be constructed on Ventura County Road Right of Way, Ventura County General Services Agency Right of Way for the Ojai Trail and Cal Trans Right of Way for Hwy 33. Facilities constructed on these Rights of Way will require Encroachment Permits from the associated Agencies.

Some of the water infrastructure will also be constructed in easements on alleys and driveways owned by Tico Shareholders. Tico shareholders are responsible for providing the easements or proof of existing easements sufficient to install and maintain public water facilities in the easements.

The Encroachment Permits and Easements will be obtained during the design phase of the project when plans and specifications are prepared.

WATER USE CURRENT AND FUTURE

When Tico Mutual merges with the Ventura River Water District there will be no net increase in the total water used in the watershed. There will be a slight change in where the water comes from IE: Lake Casitas or the Upper Ventura River Groundwater Basin. The 39 active Tico Shareholders use about 17 Acre Feet of water per year. 11 AF from the Upper Ventura River Groundwater Basin (UVGB) and 6 AF from Lake Casitas to blend with the high nitrate groundwater from Tico Well #1. The interior usage inside the homes is estimated at 4.9 HCF average per home per month based on the lowest usage month of the year. Therefore, the interior domestic usage is about 5 AF per year.

VRWD uses about 955 AF of water per year with about 817 AF pumped from the Upper Ventura River Groundwater Basin and 138 AF per year purchased from Casitas Municipal Water District which comes from Lake Casitas. The estimated interior water usage by VRWD residential customers is about 4.8 HCF of water per month per home.

After Tico merges with VRWD the interior usage will be provided by VRWD and exterior irrigation usage provided by Tico. Tico will no longer use Lake Casitas water to blend down the nitrates from Tico Well #1.

Water Usage Changes After Merger (see Table 1 below):

1. Tico usage of UVGB will increase 7% or 0.8 AF/Yr
2. Tico usage of Lake Casitas will terminate and drop from 5.9 AF to 0.0 AF.
3. VRWD usage of UVGB will increase 0.5% or 4.4 AF/yr.
4. VRWD usage of Lake Casitas water will increase 0.5% or 0.7 AF/yr.

In addition to daily water demand, five new fire hydrants will be added to the VRWD system to serve the 43 Tico Shareholder properties. An analysis of the VRWD system's capability to provide for the fire flow and daily demands has been made in the Water Availability Letter which was reviewed and approved by the Ventura County Public Works Agency Engineering Services Department on April 13, 2016 (see Exhibit 4). The Water Availability Letter analyzes the ability of a water system to provide fire flow, maximum day demands, peak hour demands, sustainable supply during droughts and emergency supply.

The Tico area is included in Zone 1 in the VRWD system. Per the Water Availability Letter, Zone 1 had the ability to serve 302 additional dwelling units (see Exhibit 4). Since the calculations were performed for the Water Availability Letter in 2015 four additional dwelling units have been added to Zone 1. Therefore, at the time of the Tico merger there will be the capacity to serve 298 additional dwelling units in Zone 1. After adding up to 43 dwelling units with the Tico annexation there will still be capacity to serve an additional 255 dwelling units in Zone 1. Therefore, the VRWD system has adequate capacity to serve the 43 Tico parcels.

Table 1
WATER USAGE BEFORE AND AFTER MERGER

	<u>Before Merger</u>		<u>After Merger</u>			
	AF/Year		Tico Interior 4.9 HCF Per Home	AF/Year	Numeric Change	Percent Change
Tico, 38 Active Customers						
Well #1 - Upper Ventura River Basin	10.8			11.6	0.8	7%
Tico - Lake Casitas	5.9			0	-5.9	-100%
Total Tico Usage	16.8		-5.1	11.6	-5.1	-31%
VRWD 2,150 Customers						
VRWD Wells in Upper Ventura River Basin (annual average past 6* years)	817.0	86%		821.4	4.4	0.5%
VRWD water from Lake Casitas (annual average over 10 years)	138.0	14%		138.7	0.7	0.5%
Average annual VRWD usage:	955.0		5.1	960.1	5.1	0.5%

* 6 years is used instead of 10 because demand has significantly dropped in the last 6 years with the strong conservation rates.

IMPACT ON VENTURA RIVER WATER DISTRICT

When the merger between Tico and VRWD is complete VRWD will be responsible for reading the meters monthly for the Tico shareholders who will then be customers of VRWD. Tico will be responsible for reading the Tico irrigation meters. VRWD uses AMI meters that report electronically using texting technology via the nearest cell tower. Therefore, there will be minimal staff impacts on VRWD for reading meters. Once a year VRWD will verify the test results of the backflow preventors owned and maintained by Tico shareholders. If Tico shareholders will agree to have a joint annual inspection of their back flow preventers it will save them significant testing costs and reduce the administrative costs for VRWD.

The additional water from the VRWD water system to serve the Tico shareholders amounts to about 5 AF per year or a 0.5% increase above VRWD's current usage. This additional usage will not place a significant burden on the VRWD system. Lake casitas provides the emergency backup supply for VRWD for extended drought periods. Because Tico Mutual is currently served by Casitas Water there will be no increased burden on Lake Casitas after the merger. The usage of Casitas water by VRWD will increase by 0.7 AF/Year or 0.5% while the total usage of Casitas water will decrease by 5.2 AF annually after the merger.

VRWD will be forming an Assessment District over the parcels owned by Tico Shareholders. The assessment district will be in place for 20 years to collect the annual loan payments on the 20 year, Zero interest loan that is funding the public water infrastructure improvements. VRWD will have some administrative responsibilities each year to manage the assessment District. The cost of the administrative activities will be charged to the Assessment District.

FISCAL IMPACT

The estimated construction and administrative costs are shown below in Table 2 and Table 3. In addition to these costs Tico is funding the cost of the new water services on private property from the new meters to the homes.

The public infrastructure cost is being funded with a 20-year zero interest loan through the State Revolving Fund (SRF) Loan Program. The loan will be issued to VRWD. Prior to obtaining the SRF Loan, Tico is funding the preliminary Engineering, Environmental and LAFCo fees. Tico will be reimbursed for these upfront expenses through the SRF loan by VRWD upon funding of the SRF loan.

Tico share holders will pay their share of the loan over 20 years through an Assessment District VRWD will establish over the 43 parcels owned by Tico Shareholders. Each Tico shareholder will be allowed to pay off their repayment obligation early with no penalty.

Table 2

Construction Cost Estimate for Tico Annexation					
Date: February 25, 2021			Prepared by: Bert J. Rapp, P.E.		
#	ITEM	Qty	Unit	Unit Cost	Total
1	8" C900 PVC Water Main	505	FT	\$255	\$128,775
2	Bore 6" C900 PVC Water Main Under Hwy 33 - In a steel sleeve	2	EA	\$50,000	\$100,000
3	4" C900 PVC Water Main	125	FT	\$225	\$28,125
4	Fire Hydrants with 6" Valve	5	EA	\$6,600	\$33,000
5	Water Meters/1" services - Near side of street	37	EA	\$7,000	\$259,000
6	Water Meters/1" services - Far side of street	4	EA	\$11,000	\$44,000
7	6" Valves	2	EA	\$4,500	\$9,000
8	8" Valves	1	EA	\$5,000	\$5,000
9	Pave alley, Rice to Alley, 3" ac x 505' x 15'	7,575	SF	\$3	\$18,938
10	Type II Slurry Seal Alley 880' x 16'	14,080	SF	\$0.75	\$10,560
	Sub-total				\$636,398
	Geotechnical Investigation				\$25,000
	Design Engineering, Environmental, R/W 15%				\$95,460
	Const. Admin, Encroachment Permits 15%				\$95,460
	Sub-Total				\$852,317
	Contingency 20%				\$170,463
Total					\$1,023,000

Table 3

Cost Estimate

Annexation of Tico Mutual into Ventura River Water District

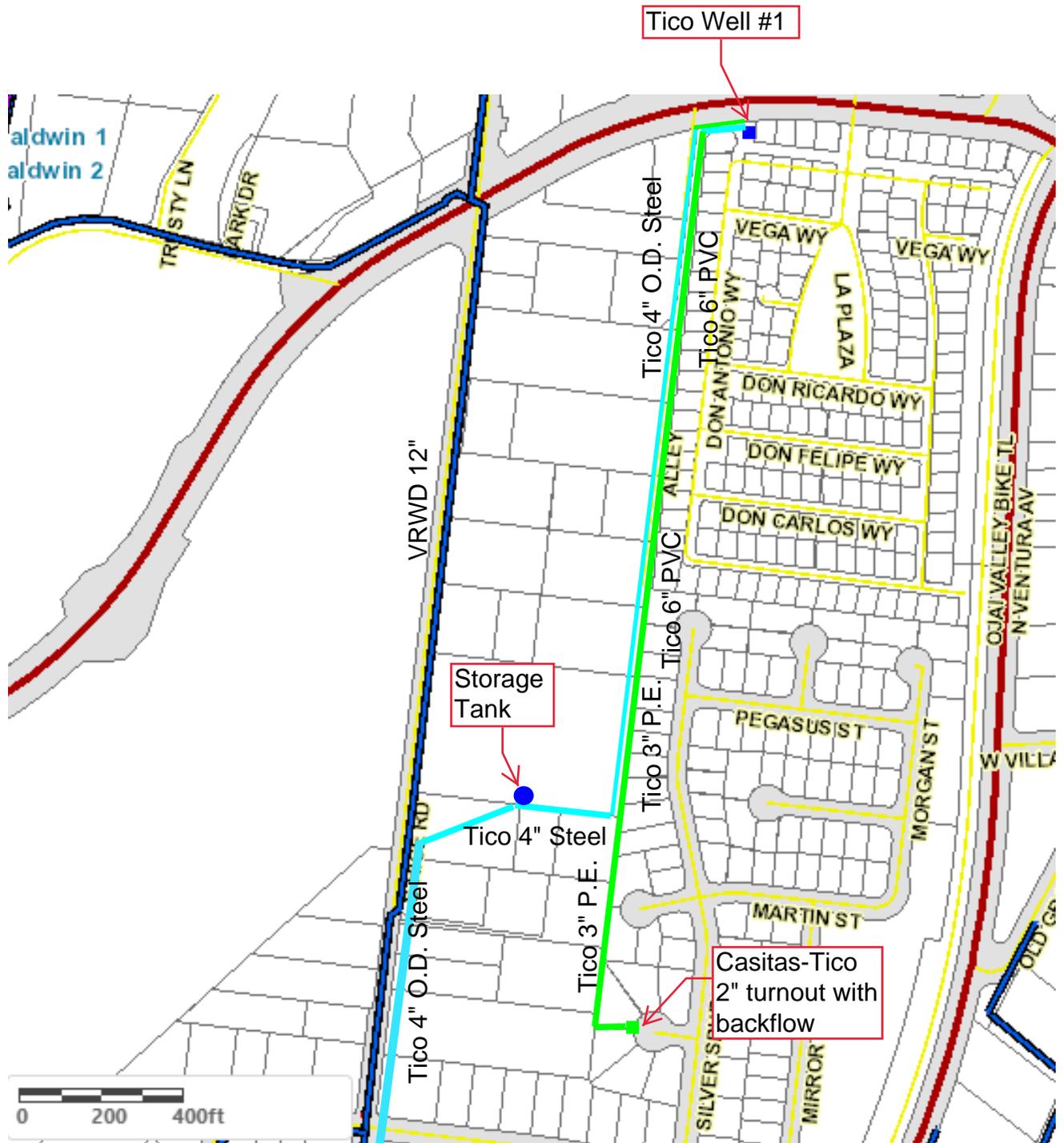
Cost estimate of work to be funded with 0% SRF Loan (Does not Include Tico work)

Date: February 25, 2021

Prepared by: Bert J. Rapp, P.E.

#	Item	Total
1	Environmental Analysis (For LAFCo & SRF Loan)	\$20,000
2	Preliminary Engineering/Investigation	\$5,000
3	VRWD Administration Fee	\$1,400
4	Prepare LAFCo Application	\$5,000
5	LAFCo	\$24,990
6	Application for SRF 0 Interest Loan (\$5,000*0.2)	\$1,000
7	Easement negotiation, preparation, legal review	\$10,000
8	Assessment District Formation	\$30,000
	Sub Total	\$97,390
	Contingency 20%	\$19,478
	Sub Total	\$116,868
9	Construction	\$1,023,000

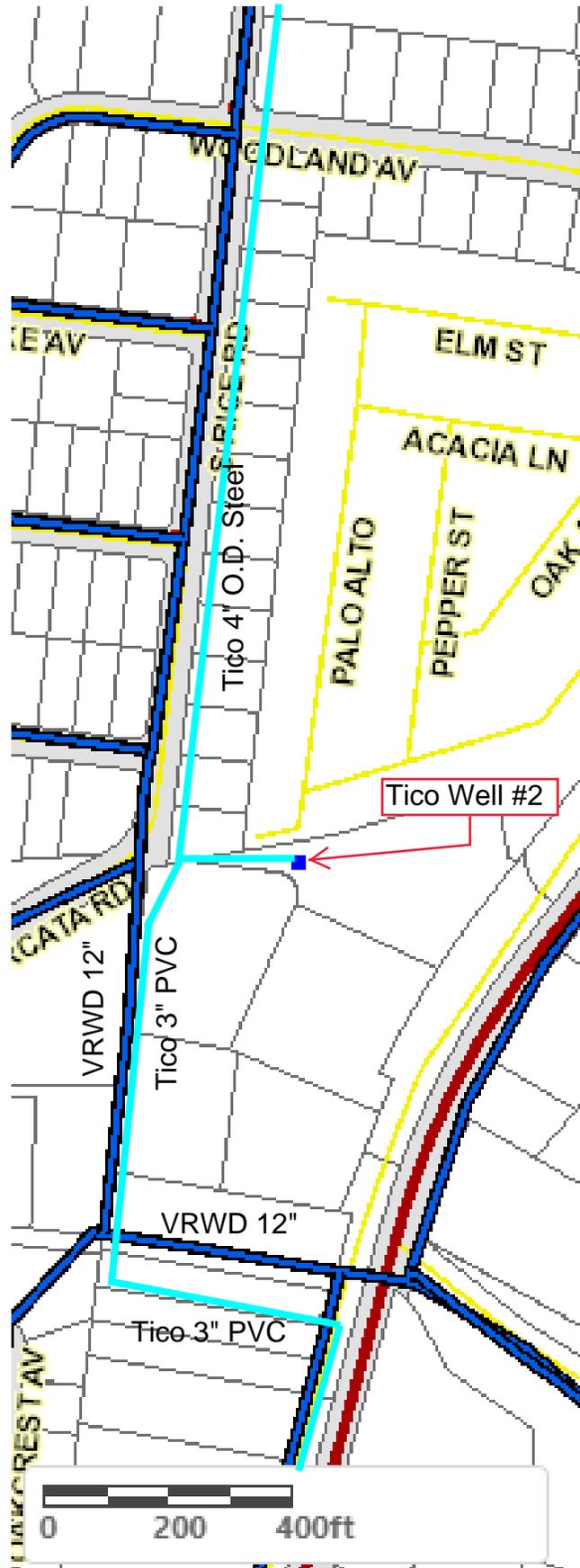
Total \$1,140,000



Continues on: "Middle Tico Facilities"

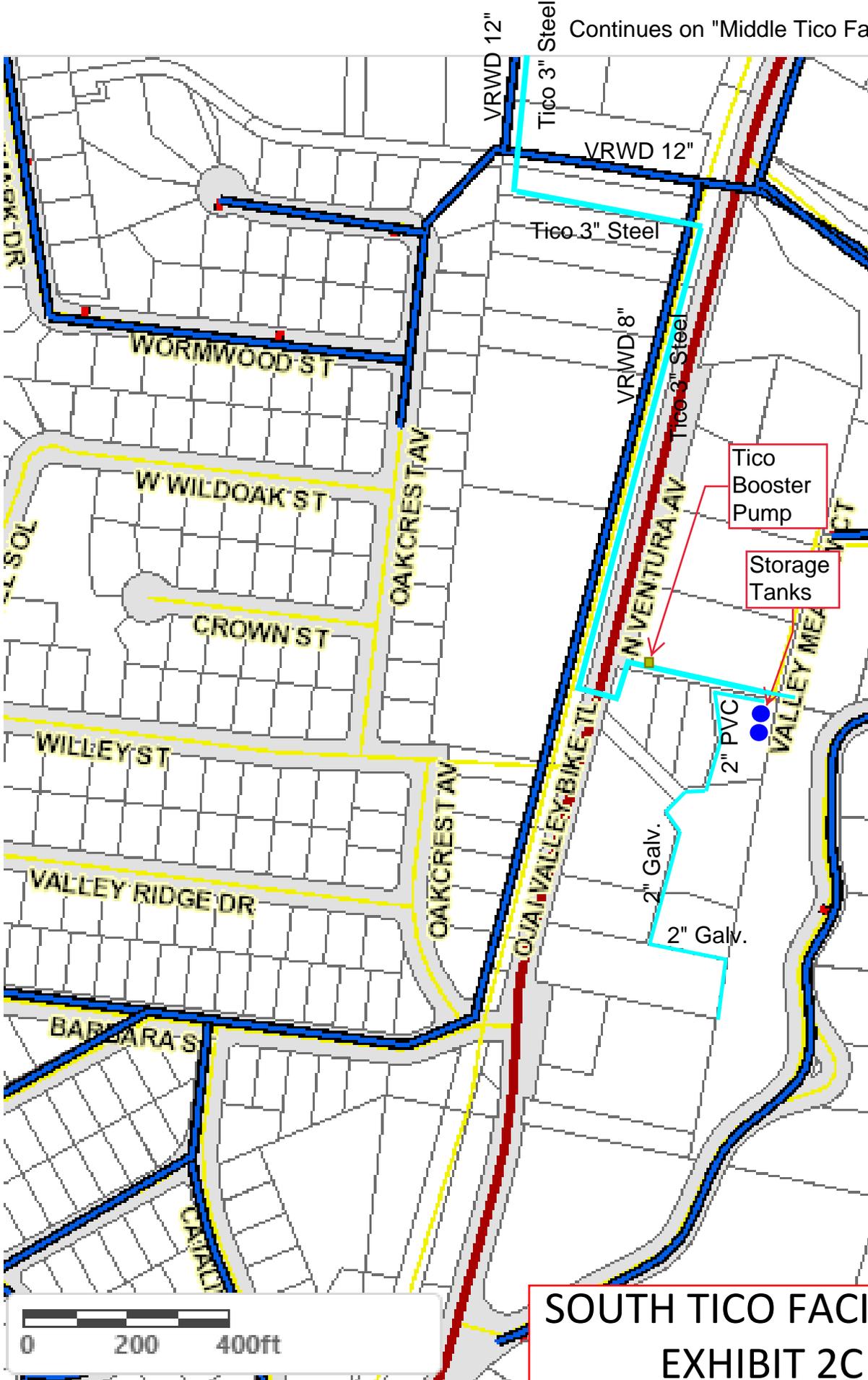
**NORTH TICO FACILITIES
EXHIBIT 2A**

Continues on "North Tico Facilities"

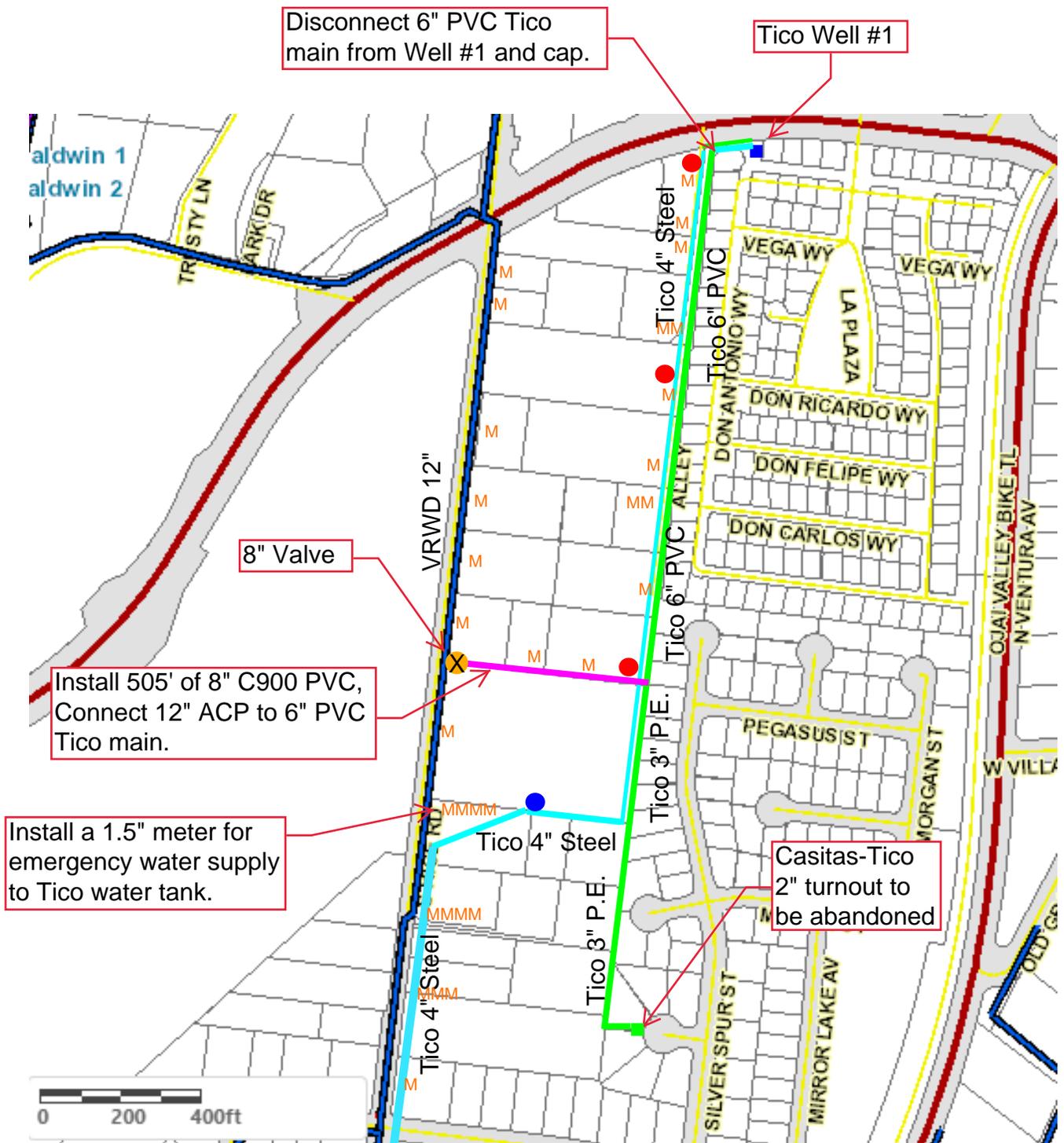


**MIDDLE TICO FACILITIES
EXHIBIT 2B**

Continues on "Middle Tico Facilities"



SOUTH TICO FACILITIES
EXHIBIT 2C



Disconnect 6" PVC Tico main from Well #1 and cap.

Tico Well #1

8" Valve

Install 505' of 8" C900 PVC, Connect 12" ACP to 6" PVC Tico main.

Install a 1.5" meter for emergency water supply to Tico water tank.

Casitas-Tico 2" turnout to be abandoned



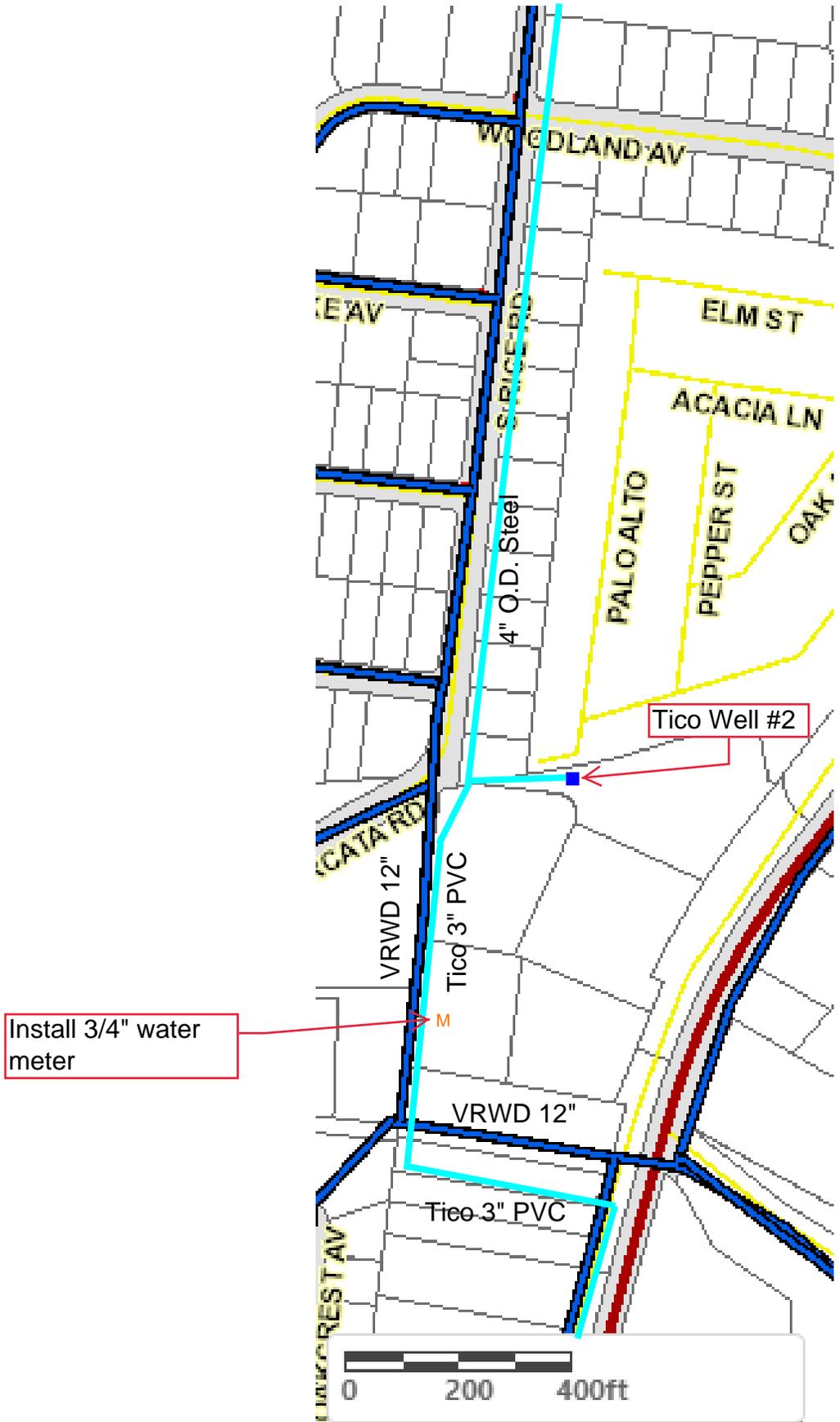
Continues on: "Middle Tico Facilities"

LEGEND

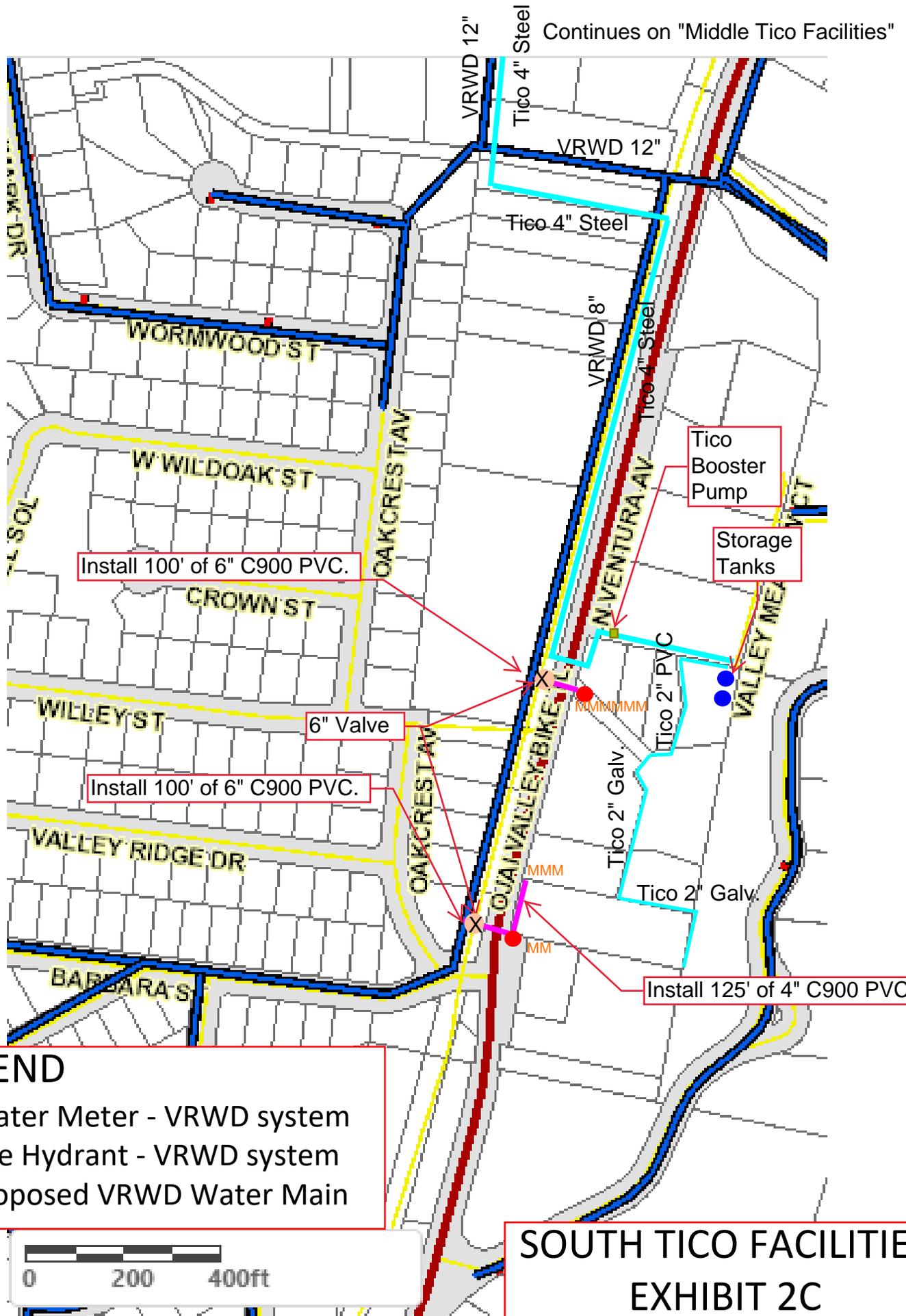
- M Water Meter connected to VRWD system for Potable Service
- Proposed Fire hydrant connected to VRWD system
- Proposed VRWD Water Main

**PROPOSED IMPROVEMENTS
NORTH TICO
EXHIBIT 3A**

Continues on "North Tico Facilities"



**MIDDLE TICO FACILITIES
EXHIBIT 2B**



LEGEND

- M Water Meter - VRWD system
- Fire Hydrant - VRWD system
- Proposed VRWD Water Main

**SOUTH TICO FACILITIES
EXHIBIT 2C**

EXHIBIT 4

Appendix D - Zone 1					
County of Ventura Waterworks Manual Compliance Check					
Water Purveyor: <u>Ventura River Water District</u>					
System or Zone: <u>Zone 1 - Lower Pressure Zone, served by wells and Casitas</u>					
1. Determine Number of Service Connections (N)					
Category	Qty	Value	Total	Section	Comments
a. Number of single residential homes or lots	977	1.0	977		
b. Number of 2nd residential units ≤ 1,800 sf		1.0			
c. Number of 2nd residential units > 1,800 sf		1.0			
d. Number of mobile home spaces < 3,000 sf	307	0.5	154		
e. Number of mobile home spaces ≥ 3,000 sf		1.0			
f. Number of multifamily housing units		0.5	0		
g. Number of trailer or trailer park spaces		0.3			
h. Number of commercial and industrial acres	3	5.0	15		
i. Number of agricultural acres	0	2.0			
Maximum Service Connections (N) per General Plan Buildout =			1,146		
Maximum Service Connections (N) per Capacity of Water System =			2,146		Storage is the system limiting factor
Actual Service Connections Issued =			922		
Connections Available per Capacity of System =			1,224		224 = # of Connections Available per County General Plan
2. Determine Maximum Day Demand (Q₀) and Storage (V₀) from N					
				Section	Comments
a. Temperature in °F	72	degrees			
b. The System is Metered	Yes				
c. Maximum Day Average Demand (Q ₀)	924	GPM			MDD actual over 10yrs
d. Peak Hour Demand (Q ₀ × 1.5)	1,385	GPM			§64554(b)(1) & §64554(a)(1)
e. Lowest Safe Source Capacity	10,600	GPM			Baldwin + 150 Cage
f. Required Storage Volume for 4 hrs PHD & MDD	0	Gal		2.3.5 WW Manual	10,600 gpm > 1,385 gpm
3. Determine Required Minimum Fire Flow (F) and Duration (D_r)					
				Section	Comments
a. Minimum Fire Flow (F)	2,000	GPM			2,000 GPM based on 4,770 SF Corner Market, Burnham Rd
b. Minimum fire Flow Duration (D _r)	2	Hours			
4. Determine Required Minimum Total Storage (V_M)					
				Section	Comments
a. Domestic Storage Required (V ₀)	0	Gal			Storage not required because Lowest Safe Source Capacity is greater than PHD
b. Fire Storage Required (V _F) = 60 * F * D _r	240,000	Gal			
c. Total Storage Required (V _M) = (V ₀) + V _F	240,000	Gal	260	Gal. Per Conn.	
d. Actual Storage Available (V ₁)	558,579	Gal	2,146	Max Connections	Alto Tanks supplement Parker during an emergency
5. Determine Minimum Required Total Supply (Q_M)					
				Section	Comments
a. Actual Supply Available in the System (Q ₁)	15,264,000	GPD	10,213	Max Connections	
b. Storage Factor (S)	1				
c. Domestic Supply Required (Q ₀) = 60 * 24 * S * Q ₀	1,329,944	GPD			
d. Fire Supply Required (Q _F) V ₁ ≥ V _M Q _F = 1440 * (1/60 * F * D _r / 2)	48,000	GPD			
e. Total Supply Required (Q _M) = Q ₀ + Q _F	1,377,944	GPD	1,495	Gal. Per Conn.	
6. Determine Minimum Required Peak Hour Demand (PHD_M)					
				Section	Comments
a. Peak Hour Demand Multiplier (M)	1.5				The Peak Hour Demand (PHD _M) can be met with the lowest safe source capacity (10,600 gpm)
b. P _A = (M * Q ₀ / 2) + F	2,693	GPM			
c. P _B = M * Q ₀	1,385	GPM			
d. PHD _M = greater of P _A and P _B	2,693	GPM	3	gpm/Connection	
e. Actual Peak Flow Rate (PHD ₁)	10,600	GPM	3,630	Max Connections	150 Cage + one well & one booster pumping
7. Determine Emergency Requirements (P_E, V_{E1} and V_{E2})					
				Section	Comments
a. P _{ED} = M * Q ₀ / 2	693	GPM			
b. P _{EF} = (M * Q ₀ / 4) + 0.75 * F	1,846	GPM			
c. P _E = the greater of P _{ED} and P _{EF}	1,846	GPM			
d. V _{E1} = 60 * P _E	110,780	Gal			
e. V _{E2} = V ₀ + 0.75 * 60 * F	90,000	Gal			
f. Power Interruption of 1 Hour					
Peak Hour Demand (must be ≥ P _E)	1,846	GPM			All District pump stations have emergency generators with 2 days of fuel and there are redundant pumps. Therefore Power Interruption can be met by the domestic storage if it occurs.
Volume (must be ≥ V _{E1})	558,579	Gal			
g. Pump Out of Service					
Peak Hour Demand (must be ≥ P _E)	1,846	GPM			Lowest Safe Source Capacity = 10,600 gpm
Volume (must be ≥ V _{E2})	558,579	Gal			and utilizes one out of 4 wells and one out of 3 booster pumps along with the 150 Cage Casitas turnout.
h. Source Interruption					
Peak Hour Demand (must be ≥ P _E)	1,846	GPM			
Volume (must be ≥ V _{E2})	558,579	Gal			

B. Comments		
Water Purveyor		
Prepared By: Bert J. Rapp, P.E.	Title: General Manager	Date: December 21, 2015
Approved By: Bert J. Rapp, P.E.	Title: General Manager	Date: December 21, 2015
County Use Only		
Accepted by: <i>Christopher F. Cooper</i>		Date: 2/24/2021



MEMORANDUM

TO: Board of Directors
From: Michael L. Flood, General Manager
RE: **Adoption of the Draft Casitas MWD 2021 Water Supply and Demand Study.**
Date: March 18, 2022

RECOMMENDATION:

The Board of Directors adopt the draft Casitas MWD 2021 Water Supply and Demand Study

BACKGROUND:

In December 2021, the Board of Directors requested that a report be put together that summarized the actions taken by the Board in regard to Casitas MWD's water supply and demand analysis.

The draft report was included in the March 9, 2022 Regular Board Meeting agenda as an information item.

At the March 9, 2022 Board Meeting, the Board requested that the draft report be brought forward to a future meeting for consideration of adoption.

DISCUSSION:

During 2021, the Casitas MWD Board of Directors took action to revise the District's water supply and demand analysis.

The analysis used revised assumptions including:

- Extended hydrologic period of record of 1945-2018 (from previous of 1945-1999)
- Incorporated results of recent Lake Casitas bathymetric survey – reduced maximum storage capacity from 254,000 AF to 237,761 AF
- Added function to compute reservoir spills

- Incorporated Robles Diversion operations based on 2003 Biological Opinion requirements and 2018 Critical Drought Protection Measures
- Reduced modeled Robles diversions based on a diversion efficiency of 70 percent, consistent with operational data since the Fish Passage Facility was constructed.
- Improved method of calculating monthly net evaporation loss.

The results of the analysis were included in Casitas' 2020 Urban Water Management Plan which was adopted by the Board in June 2022.

At the Board of Director's request, a draft 2021 Casitas MWD Water Supply and Demand Study report was produced (attached).



**CASITAS MUNICIPAL WATER DISTRICT
2021 LAKE CASITAS WATER SUPPLY AND DEMAND STUDY**

February 2022

DRAFT

EXECUTIVE SUMMARY

District Introduction

Casitas Municipal Water District provides wholesale and retail water service to western Ventura County and is governed by a five-member elected Board of Directors (Board). Originally named the Ventura River Municipal Water District, Casitas was formed in 1952 to provide supplemental water in its service area. The service area includes agricultural, residential, commercial, governmental, and industrial uses. Wholesale customers include the City of Ventura, some special districts, and mutual water companies. In June 2017, Casitas acquired the Ojai Water System (OWS) from Golden State Water Company (GSWC) and absorbed those customers as retail customers.

Water Supplies

All water supplies are local, consisting of groundwater wells and surface water in Lake Casitas. Lake Casitas was formed by the construction of Casitas Dam by the US Bureau of Reclamation in 1958. The total lake capacity is 237,761 acre-feet (AF) as of 2017. The Robles Diversion and Fish Passage Facility is located on the north end of the Ventura River and allows Casitas to divert river flow to the Robles Canal to supply Lake Casitas. Operation of the Robles Facility is under the jurisdiction of the 2003 non-jeopardy Biological Opinion (BO) prepared by National Marine Fisheries Service (NMFS) due to the listing of steelhead trout as an endangered species. As of December 31, 2019, Lake Casitas was at approximately 30 percent of capacity (72,267 AF in storage) due to the ongoing drought.

The District operates two water systems known as the Casitas System and the Ojai System, with the Casitas System being the larger of the two systems. The Casitas System is primarily supplied by Lake Casitas along with one groundwater well, the Mira Monte Well, located in the Upper Ventura River Groundwater Basin. The Ojai System is primarily supplied by groundwater wells in the Ojai Groundwater Basin, with supplemental supply from the Casitas System.

Historical Lake Casitas Water Supply Studies

The water supply availability from Lake Casitas was previously studied by the USBR in the 1954 evaluation of the Ventura River Project, and later by the District in the 1989 and 2004. In the "Water Supply and Use Status Report" (Casitas, 2004), the Safe Yield of Lake Casitas was determined to be 20,480 AFY based on a mass-balance model that tracks Lake Casitas inflows, outflows (including evaporation) and change in storage to simulate operations over a time series of assumed hydrology conditions.

2019-2021 Evaluation of Lake Casitas Supply

During 2019 through April 2021, the Lake Casitas mass-balance yield model was updated to include:

- Extended hydrologic period of record of 1945-2018 (from previous of 1945-1999)
- Incorporated results of recent Lake Casitas bathymetric survey – reduced maximum storage capacity from 254,000 AF to 237,761 AF

- Added function to compute reservoir spills
- Incorporated Robles Diversion operations based on 2003 Biological Opinion requirements and 2018 Critical Drought Protection Measures
- Reduced modeled Robles diversions based on a diversion efficiency of 70 percent, consistent with operational data since the Fish Passage Facility was constructed.
- Improved method of calculating monthly net evaporation loss.

In April 2021, the Board adopted a Lake Casitas safe yield of **18,420 acre-feet per year (AFY)** and a supply safety factor of **-15 percent** and a climate change adjustment of **-4.3 percent** was applied for planning purposes. When these two factors are included, the combined planned operational yield from Lake Casitas and the Mira Monte well is determined to be **15,010 AFY**.

SAFE YIELD MODELING ASSUMPTIONS AND RESULTS
HISTORICAL HYDROLOGY, NO MINIMUM ALLOWABLE STORAGE (DEAD POOL), NO WEAP*

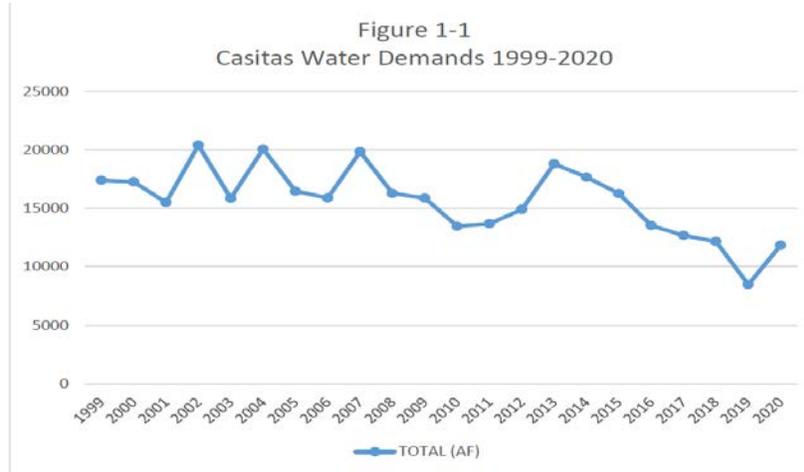
Model Simulation Assumptions	Modeled Safe Yield based on Various Historical Hydrology Periods		
	1945 - 2006	1956 - 2018	1945 - 2018
Historical Hydrologic Period	1945 - 2006	1956 - 2018	1945 - 2018
Constant Demand (AFY)	Safe Yield	Safe Yield	Safe Yield
Initial Lake Volume (AF)	237,761	237,761	237,761
Minimum Allowable Storage (AF)	950	950	950
Robles Diversion Efficiency (%)	70%	70%	70%
Supplemental Water (AFY)	0	0	0
Climate Change Adjustment (%)	0%	0%	0%
WEAP Demand Adjustment	No	No	No
Model Simulation Results			
Minimum Calculated Storage (AF)	970	950	970
Month/Year of Minimum Calculated Storage	Oct-65	Dec-18	Oct-65
Safe Yield (AFY)	18,420	21,253	18,420

*Assumes modeled demands are not reduced in accordance with the WEAP as lake levels decline.

Water Demands

Demands on the Casitas system over the last several decades have ranged from a high of approximately 24,000 AF in 1989 to a low of approximately 8,545 AF in 2019.

Figure 1-1 shows a snapshot of water demands over the last two decades (1999-2020). In general, agricultural customers make up the majority of demand at 50 percent. Wholesale customers comprise approximately 30 percent and retail customers 20 percent.



Currently, every Casitas customer has an assigned water allocation. Casitas manages customer demands through the Water Efficiency Allocation Program (WEAP), which includes conservation targets based on lake level.

Casitas is currently in Stage 3 of the WEAP with mandated 30 percent conservation. Customers who exceed their allocation pay penalties for overuse.

The average demands on the Casitas System over the last 10 years from 2011- 2020 was approximately **14,525 AFY** (including losses), which includes periods before and after the WEAP was implemented.

Projected Demand

In April 2021, the Board adopted **14,525 AFY** as the projected demand for the Casitas system to be used for planning purposes. The service area is not expected to see significant development which would cause this projected to demand to increase.

Statistical Summary:

- **Lake Casitas Capacity: 237,761 Acre-Feet (AF)**
- **Lake Casitas Safe Yield: 18,420 AF per Year (AFY)**
- **Casitas System Operational Yield: 15,010 AFY** (Lake Casitas plus Mira Monte Well)
- **Projected Demand: 14,525 AFY**

BACKGROUND OF THE STUDY

The Board of Directors authorized a consulting services agreement with Stantec in January 2019 to prepare the Comprehensive Water Resources Plan (CWRP). An overview of the draft CWRP was presented at a Board Workshop held on February 8, 2020, and the draft CWRP report was released for public review from June 26, 2020 through August 24, 2020. Several public comments were received on the draft CWRP report, which were provided to the Board of Directors on September 23, 2020 and December 9, 2020.

On December 9, 2020, the Board of Directors discussed the need for additional Board meetings to discuss the goals of the Comprehensive Water Resources Plan. The Board continued to meet and discuss the CWRP at subsequent meetings held on December 16, 2020; December 23, 2020; January 15, 2021, February 17, 2021, and February 26, 2021.

At the January 15, 2021 meeting, the Board directed staff to revise the hydrologic modeling assumptions used to estimate the future Lake Casitas operational yield as follows, and prepare a demand and supply analysis for further discussion.

Revised hydrologic modeling assumptions for future Lake Casitas Yield:

- Safe Yield approach that models the largest yield that can be withdrawn from the lake in every year without dropping below the minimum allowable storage level
- Historical hydrologic period from 1945-2018
- Minimum Allowable Storage of 950 AF, which is the dead pool elevation at which water can no longer flow by gravity to the water treatment plant
- Robles Diversion Efficiency of 70%
- Initial Lake Volume of 237,761 AF (full reservoir)
- Provide safety factors to account for future uncertainty

This report provides a summary the future long-term demand analysis, future long-term supply analysis, and long-term supply and demand scenarios.

FUTURE LONG-TERM DEMAND ANALYSIS

The following is a summary of historical demands, planned future demands, and additional considerations related to uncertainty in future demands.

Historical Demands

A summary of actual water produced from Lake Casitas for customer demands and system losses is presented in Table 1, based on 5-year periods going back to 2006. In addition, historical water demands by customer class are shown in the tables and figures in Attachment 1. Casitas implements managed demand reductions as lake levels decline according with the Water Efficiency Allocation Plan (WEAP), and the effect of this type of demand management during droughts is apparent during the post-1989 and post-2016 periods.

**TABLE 1. WATER PRODUCED FROM LAKE CASITAS
AT MARION WALKER WATER TREATMENT PLANT¹**

	2006-2010	2011-2015	2016-2020
5-Year Average	17,760	17,509	11,296
Annual Minimum	14,637	14,841	7,668
Annual Maximum	21,326	20,402	14,151

¹ Data reported by Calendar Year. All units are Acre-Feet per Year.

Demands from Agricultural and Resale customers together make up the majority of Casitas' customer demands, representing 84% of total average demands from 2006-2015 and 73% from 2016-2020. Annual demands from these customers can vary significantly from year to year. Unconstrained demands for water typically increase during dry periods and decrease during wet periods. However, both of these customer classes have demonstrated lower water use from Casitas in response to the recent drought (refer to tables and figures in Attachment 1) and the District's associated demand management measures through the WEAP, including a \$5.00/HCF¹ Conservation Penalty in 2016 which currently remains in place.

Draft Comprehensive Water Resources Plan Planned Demands

The Draft CWRP was based on a future average non-drought demand of 16,000 AFY for the Casitas System (which includes approximately 525 AFY added to the Ojai system), and a future average non-drought demand of 2,350 AFY for the Ojai system, for a total combined demand of 17,825 AFY (16,000 – 525 + 2350 = 17,825). These demands represent the amount of water produced to meet both customer uses and losses in the water delivery systems. Additional information can be found in Sections 3 and Appendix C of the Draft CWRP report.

The Draft CWRP planned demands were approximately 10% less than previously planned long-term demands of 17,500 AFY for the Casitas system and 2,570 AFY for the Ojai system to reflect that the recent drought will likely result in some permanent changes in customer water use in the long-term. Water demands typically rebound after drought periods, but do not fully return to pre-drought levels due material changes such as replacement of landscaping, irrigation systems, and appliances with more water-efficient devices. A comparison of Draft CWRP planned demands and previous UWMP planning demands is presented in Attachment 1 (Table 3). For purposes of this analysis, the distribution of demand by customer class is assumed to be consistent with previous planning reports.

¹ HCF = One Hundred Cubic Feet = 1 Unit

Additional Considerations related to Agricultural and Resale Demands

Agricultural and Resale customers rely on groundwater as a primary supply, and use Lake Casitas water as a backup. There are several processes currently underway related to groundwater pumping, including the Sustainable Groundwater Management Act, the City of Ventura's groundwater adjudication lawsuit, and the State of California's Ventura River Instream Flow Study. The outcome of these processes is currently unknown, and all have the potential to limit the availability of groundwater during certain periods; which could increase demands on Lake Casitas. Until more information is known regarding future groundwater availability, there is some uncertainty in long-term future demands on Lake Casitas.

Planning for Demand Uncertainty

The Draft CWRP assumed a future planned demand of 16,000 AFY for the Casitas System, and a planned demand of 17,825 AFY for the entire District service area including the Ojai System. The following is a summary of considerations related to future demand uncertainty:

- Planned demand on the Casitas System is less than the historical average demands prior to implementation of the WEAP (2006-2015).
- Planned demand is lower than previous UWMP planning demands, since it assumes demands will rebound but not fully return to pre-drought levels.
- Future groundwater supplies may be less than were available historically, and there is a potential for increased reliance on Casitas (particularly from Resale and Agricultural customers).

However, current water demands on the Casitas System are less than 16,000 AFY and it could take several years before average demands increase to that level. The average demands on the Casitas System over the last 10 years from 2011-2020 was approximately 14,525 AFY² (including losses), which includes periods before and after the WEAP was implemented.

Demands will be tracked over time, and once more information is known regarding future groundwater availability, then additional adaptive management measures could be taken (such as increased demand management or alternative supply development).

2020 Urban Water Management Plan Demands

Every five years, the District prepares an Urban Water Management Plan (UWMP) in accordance with California Water Code. The UWMP outlines the reliability of water sources over a 20-year timeframe, demand management measures and water shortage contingency plans, and progress toward meeting State target reduction goals for water consumption.

The Board adopted the 2020 UWMP on June 23, 2021. The long-term planned demands in the 2020 UWMP reflect the average demands over the last 10 years, which are 14,525 AFY on the Casitas System and 1,850 AFY on the Ojai System. The Casitas System has supplied the Ojai System an average of 461 AFY over the last 10 years. Therefore, the combined total planned demand is 15,914 AFY (14,525 + 1850 – 461 = 15,914).

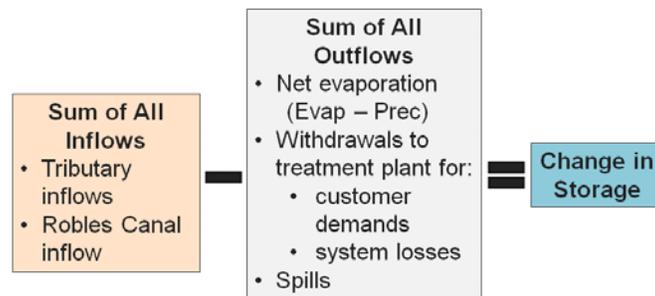
² Based on Lake Casitas releases to Marion Walker water treatment plant and one groundwater well in production.

FUTURE LONG-TERM SUPPLY ANALYSIS

The water supply availability from Lake Casitas was previously studied by the United States Bureau of Reclamation in the 1954 evaluation of the Ventura River Project, and later by the District in the 1989 and 2004. In the most recent study (2004), the Lake Casitas safe yield was estimated to be 20,540 AFY (assuming potential impacts of the 2003 Robles Biological Opinion operating criteria and the removal of Matilija Dam).

The Lake Casitas yield model is a mass-balance model that tracks Lake Casitas inflows, outflows (including evaporation) and change in storage to simulate operations over a time series of assumed hydrology conditions (refer to Figure 1 below). The previous Lake Casitas yield analyses used historical hydrology in the simulations. That includes historical data for direct inflows to Lake Casitas from tributaries, flows in the Ventura River on which diversions at the Robles Diversion Structure were based, and net evaporation from the Lake.

FIGURE 1. MASS BALANCE MODEL IN EXCEL FOR ESTIMATING LAKE CASITAS YIELD



Current Yield Model Updates and Improvements

As part of the Draft CWRP, the yield model was updated to include the following improvements:

- Extended hydrologic period of record of 1945-2018 (from previous of 1945-1999)
- Incorporated results of recent Lake Casitas bathymetric survey – reduced maximum storage capacity from 254,000 AF to 237,761 AF
- Added function to compute reservoir spills
- Incorporated Robles Diversion operations based on 2003 Biological Opinion requirements and 2018 Critical Drought Protection Measures
- Reduced modeled Robles diversions based on a diversion efficiency of 70 percent, consistent with operational data since the Fish Passage Facility was constructed
- Improved method of calculating monthly net evaporation loss

The planned Lake Casitas yield is dependent on various policy assumptions and criteria, such as assumed hydrologic assumptions (probabilistic versus historic), minimum allowable storage, and future withdrawals to meet demands, and others. In regard to withdrawals for demands, the model is programmed to evaluate both a “safe yield” approach with constant withdrawals every year, as well as a “safe demand” approach that incorporates demand reductions as lake levels decline according with the District’s Water Efficiency and Allocation Program.

Policy Assumptions and Criteria related to Yield Modeling

On January 15, 2021, the Board directed staff to use the modeling and policy assumptions as follows, which results in a Lake Casitas safe yield of 18,420 AFY. These policies are revised from the Draft CWRP, and resulted in a higher Lake Casitas yield than reported in the Draft CWRP.

- Safe Yield approach that models the largest yield that can be withdrawn from the lake in every year without dropping below the minimum allowable storage level
- Historical hydrologic period from 1945-2018
- Minimum Allowable Storage of 950 AF, which is the dead pool elevation at which water can no longer flow by gravity to the water treatment plant
- Robles Diversion Efficiency of 70%
- Initial Lake Volume of 237,761 AF (full reservoir)

In addition, the Board directed staff to provide considerations for a safety factor for future hydrologic uncertainty.

Supply Safety Factor

The revised modeling and policy assumptions are based on historical hydrology. However, historical hydrology cannot be expected to repeat itself, and hydrologic variability from year to year is significant (refer to Attachment 1, Figure 3). Future droughts could be more severe than the droughts in the 1945-2018 historical record. Because the Casitas System is dependent on surface water for its water supply, its exposure to risk from future changes in regional climate and hydrology is significant. A safety factor is intended to account for uncertainty of future supply availability.

Additionally, on February 26, 2021, the California Department of Fish and Wildlife (CDFW) released Draft Instream Flow Recommendations for the Lower Ventura River and Coyote Creek. The CDFW flow recommendations are expected to be considered in a groundwater-surface water model currently under development by the State Water Resources Control Board (SWRCB) which will evaluate groundwater pumping and surface diversions and their impact on instream flows. Based on preliminary analysis of the CDFW Instream Flow Recommendations, the potential supply impacts would exceed the supply safety factors considered herein. Therefore, this analysis will need to be revisited once more information is known regarding the SWRCB modeling study.

Climate Change

A report titled *Projected Changes in Ventura County Climate* was prepared by the Desert Research Institute in 2019. The report was commissioned by Watersheds Coalition of Ventura County, of which Casitas is a member, and can be found on their website www.wcvc.ventura.org under Climate Resilience Resources.

The projected climate change impacts for the Casitas service area include:

- Winters may get wetter with shorter duration/high intensity precipitation due to atmospheric rivers, resulting in increased potential for flash flooding.

DRAFT

- Shoulder seasons may have more dry days.
- Potential increase in wildfire frequency due to spring/fall drying.
- Increased drought susceptibility and increased water demand due to increasing temperatures and evapotranspiration rates.
- Good agreement across models for increase in inland area temperatures between 3 – 5°F and coastal areas between 2 – 3°F.
- More days exceeding extreme/impactful temperature thresholds.

These effects were assumed to generally compensate for each other. Increased evaporation of six inches/year was found to reduce the Lake Casitas safe yield for historical inflow hydrology by 4.3 percent³. This factor was applied to results of yield simulations to account for potential future climate change.

As with any climate modelling efforts, there is uncertainty. These potential impacts are the results of the best tools available at this time and are meaningful in their applicability to the service area and can support decision-making.

³ From 2020 Casitas MWD Draft Comprehensive Water Resources Plan (CWRP) (See Attachment 2)

FUTURE LONG-TERM SUPPLY AND DEMAND SCENARIOS

Table 2 presents a summary of potential future demands and existing supplies. Two demand levels on the Casitas System are presented ranging between 14,525 AFY and 16,000 based on the last 10 years of production data and the Draft CWRP, respectively.

The projected existing supplies reflect the revised Lake Casitas modeling and policy assumptions, with varying levels of supply safety factors (ranging between 0-20 percent). All scenarios assume a 4.3% reduction in supply reflecting a climate change adjustment consistent with the Draft CWRP assumptions. The projected existing supply for the Casitas System ranges between 14,080 AFY and 17,800 AFY depending on the level of safety factor.

A description of the Ojai System demand and supply is provided subsequently.

**TABLE 2. FUTURE DEMAND AND SUPPLY COMPARISON,
WITH VARIOUS DEMAND AND SAFETY FACTOR SCENARIOS**

All units in AFY unless noted otherwise.

Casitas System

FUTURE DEMAND					
Draft CWRP:	16,000	16,000	16,000	16,000	16,000
Average Last 10 Years (2011-2020) ¹ :	14,525	14,525	14,525	14,525	14,525
PROJECTED EXISTING SUPPLY					
Modeled Lake Casitas Safe Yield:	18,420	18,420	18,420	18,420	18,420
Planned Groundwater Well Yield:	180	180	180	180	180
Supply Safety Factor:	0%	-5%	-10%	-15%	-20%
Climate Change Adjustment:	-4.3%	-4.3%	-4.3%	-4.3%	-4.3%
Projected Supply:	17,800	16,870	15,940	15,010	14,080

Ojai System

FUTURE DEMAND	
Draft CWRP:	2,350
Average Last 10 Years (2011-2020):	1,850
PROJECTED EXISTING SUPPLY	
Planned Casitas System Yield:	461
Ojai Well Yield ² :	2,300
Projected Supply:	2,761

Notes

¹ Includes 461 Acre-Feet of net demand from the Ojai Water System based on 10 year average (2011-2020).

² Includes work underway (and expected to be complete by 2025) to improve condition and production rates of Ojai Wells.

Figure 2 and Table 3 present the modeled Lake Casitas storage levels and yields based on varying levels of supply safety factors.

FIGURE 2. MODELED LAKE CASITAS STORAGE LEVELS WITH VARIOUS SAFETY FACTOR SCENARIOS

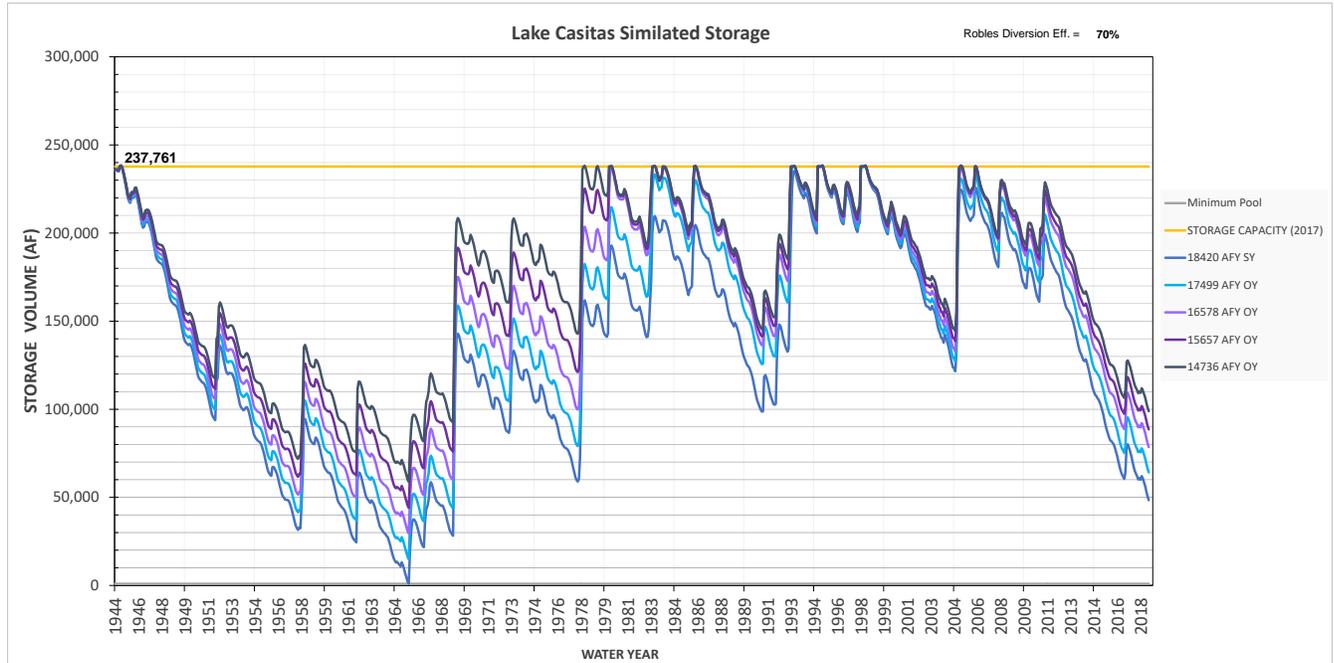


TABLE 3. MODELED LAKE CASITAS MINIMUM STORAGE LEVELS WITH VARIOUS SAFETY FACTOR SCENARIOS

Safety Factor	Lake Casitas Yield, AFY	Minimum Storage Level, AF
-----	18,420	970
-5%	17,499	15,049
-10%	16,578	29,439
-15%	15,657	44,068
-20%	14,736	58,783

Projected Water Use

On April 21, 2021, the Board adopted 14,525 AFY as the projected demand of the Casitas system to be used for planning purposes. The service area is not expected to see significant development which would cause this projected demand to increase.

For the Ojai System, the Board adopted 1,850 AFY as the projected demand for planning purposes. The Casitas System has supplied the Ojai System an average of 461 AFY over the last 10 years. Therefore, the combined total planned demand is 15,914 AFY ($14,525 + 1,850 - 461 = 15,914$).

Demands for the period 2011-2020 were averaged for each customer type and these percentages were used to develop the projected demands by customer class.

Planned Casitas System Operational Yield

On April 21, 2021, the Board of Directors adopted a planned Casitas System operational yield of 15,010 Acre-Feet per Year. The planned operational yield is based on the updated modeling results, a -4.3 percent climate change adjustment based on the anticipated changes to precipitation and a -15 percent supply safety factor to account for uncertainty in modeling assumptions.

The operational yield for the Casitas system is sufficient to provide supplies through an extended drought period lasting 10-20 years depending on reservoir levels at the start of the dry period.

Planned Ojai System Supply Yield

Casitas acquired the Ojai System from Golden State Water Company in June 2017. The Ojai System receives water from Ojai Basin groundwater and two interconnects supplying water from the Casitas System. Approximately 461 AFY of the planned demands on the Casitas System are for deliveries to the Ojai System. The 2017 acquisition included several groundwater wells, with some wells over 45 years old and in need of rehabilitation and replacement. The wells acquired by GSWC were unable to produce their original design capacity of 4,404 AFY and average Ojai wellfield production from 1994-2016 was about 1,800 AFY. Casitas has made progress in improving the condition of the wells, although work is still underway and not yet completed. The well improvements are anticipated to provide an average production of 2,300 AFY.

Ongoing Analysis

As has been Casitas MWD's practice in the past, supply and demand conditions will continue to be tracked over time. In the event that more information comes to light regarding possible impacts to these conditions, additional analysis as to these impacts on Casitas' water supplies and demands would be required to account for changed conditions.

ATTACHMENTS

Attachment 1:

- Figure 1. Historic Water Use by Customer Class (Line Chart)
- Figure 2. Historic Water Use by Customer Class (Area Chart)
- Figure 3. Historical Lake Levels, Inflow, and Drought Periods
- Table 1. Summary of Water Use from 2006-2020 (Casitas and Ojai Systems)
- Table 2. Summary of Water Use from 2016-2020 (Casitas System Only)
- Table 3. Comparison of Planning Demands

Attachment 2:

- Excerpt from 2020 Casitas MWD Draft Comprehensive Water Plan

Figure 1. Historic Water Use by Customer Class (Line Chart)
All data is by Fiscal Year.

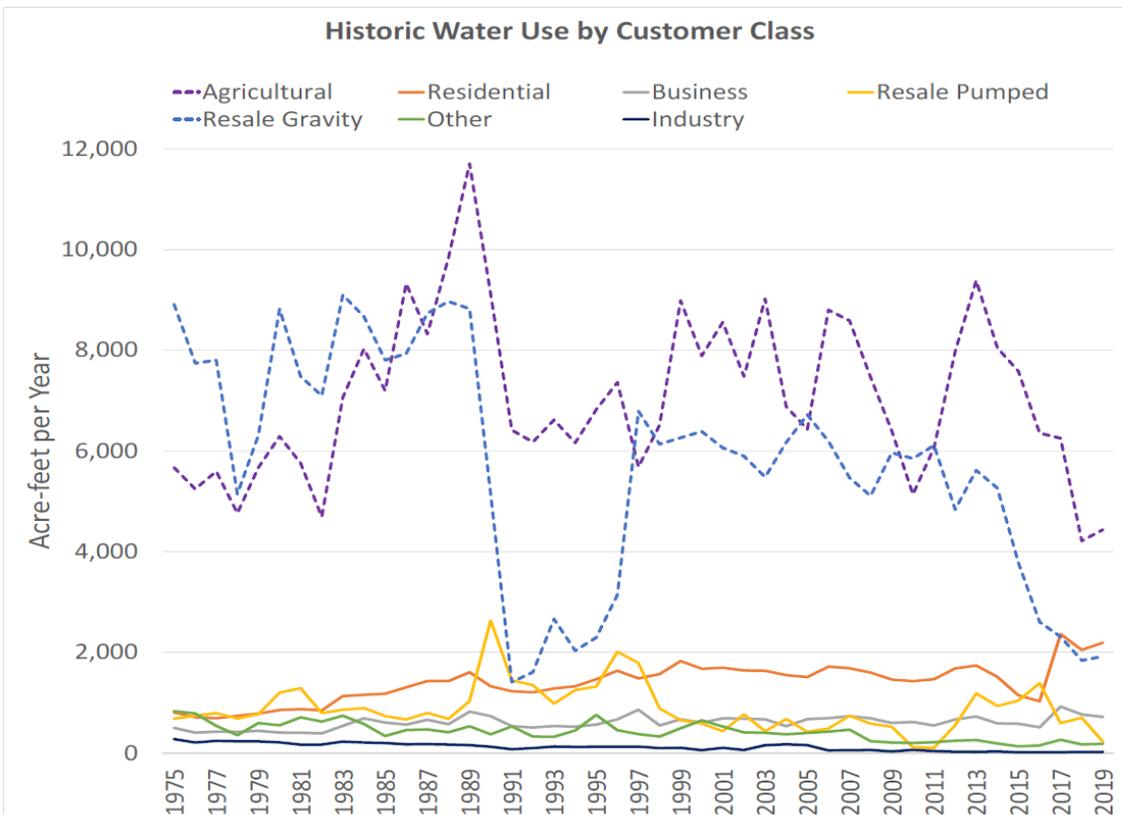


Figure 2. Historic Water Use by Customer Class (Area Chart)
All data is by Fiscal Year.

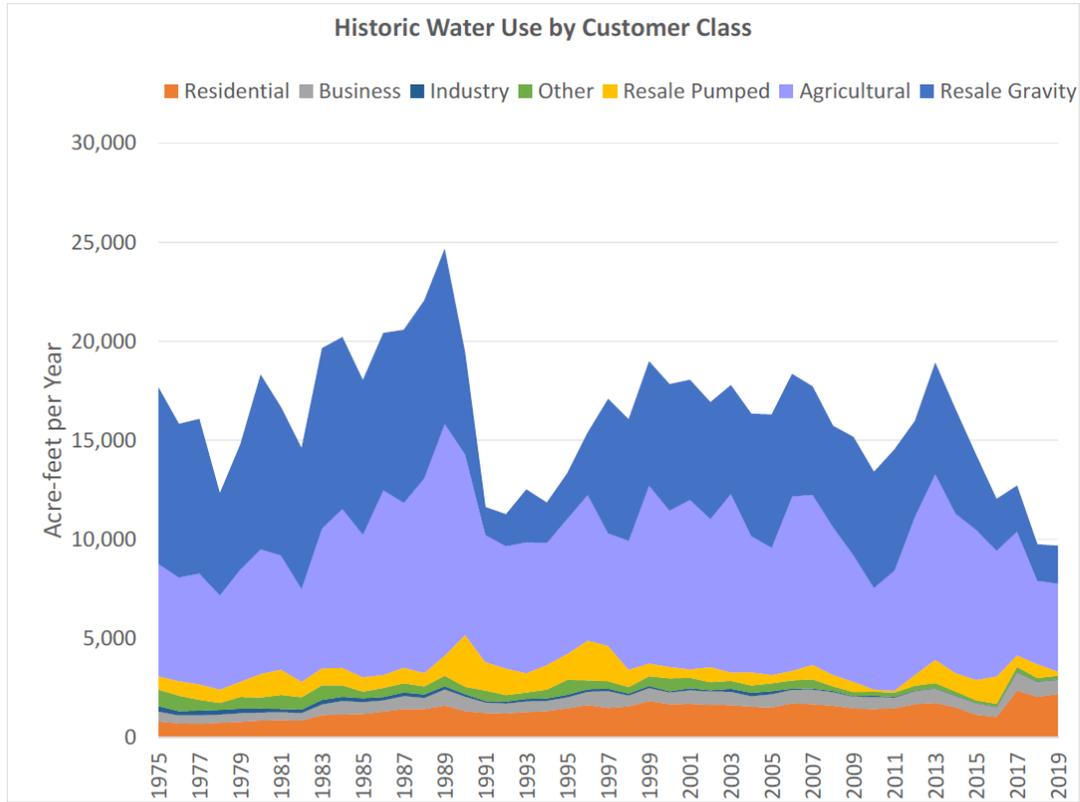


Figure 3. Historical Lake Levels, Inflow, and Drought Periods

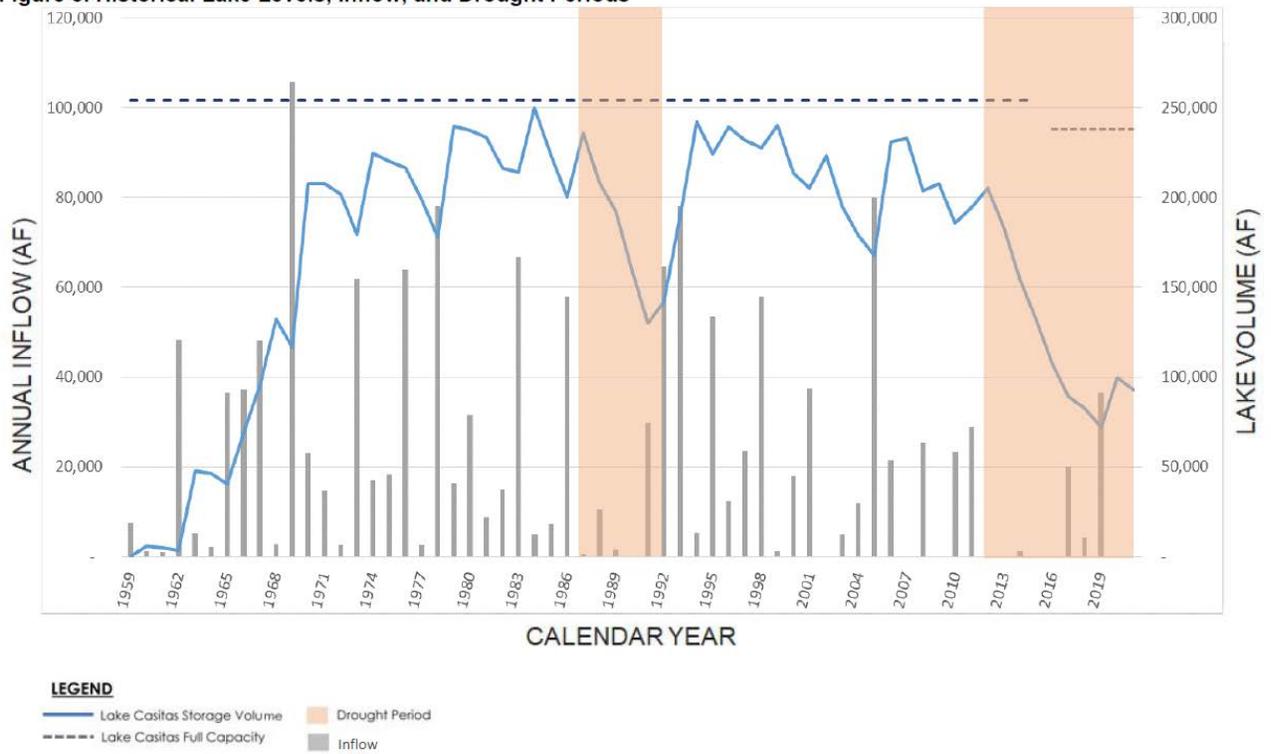


Table 1. Summary of Water Use from 2006-2020 (Casitas and Ojai Systems) ^{1,2}

	2006-2015			2016-2020 ³		
	Min	Max	Average	Min	Max	Average
Retail	2,135	3,064	2,623	1,900	3,531	3,109
Retail Agriculture	4,800	8,857	7,290	3,767	6,961	5,464
Resale	4,927	8,150	6,355	1,627	3,969	3,019
TOTAL	13,474	19,859	16,268	8,479	12,830	11,592

¹ Represents metered customer demands (does not include system losses).

² Data reported by calendar year. All units in Acre-Feet per Year.

³ The Ojai Water System was acquired in 2017, which increased Retail demands by approximately 1,570 AFY and reduced Resale demands by about 300 AFY on average from 2017-2020. Ojai demands are served by the Casitas System and Ojai Basin groundwater wells.

Table 2. Summary of Water Use from 2016-2020 (Casitas System Only) ^{1,2}

	2016	2017	2018	2019	2020	Average
Retail	1,900	1,990	1,962	1,668	2,006	1,905
Retail Agriculture	6,961	6,337	4,945	3,701	5,116	5,412
Resale	3,969	2,769	3,632	1,627	3,095	3,019
Ojai Interconnects	664	193	411	67	369	341
Total	13,494	11,288	10,950	7,063	10,586	10,676

¹ Represents metered customer demands (does not include system losses).

² Data reported by calendar year. All units in Acre-Feet per Year.

Table 3. Comparison of Planning Demands

Casitas System Demand Category	Planned Future Demand		
	2015 UWMP ¹ (2040 Projections)	Draft CWRP ^{2,3} (2040 Projections)	Percent Reduction in Planned Demand
Retail	2,889	2,628	9%
Retail – Agricultural	7,705	7,009	9%
Resale	6,260	5,695	9%
Subtotal	16,855	15,332	9%
Water Loss	645	668 ⁴	-4%
Total Water Demand	17,500	16,000	9%
Notes			
All data is reported in AFY except where noted otherwise.			
¹ The 2015 UWMP demand/supply comparisons are based on 17,500 AFY, and did not include estimated water loss. Demands by water use category have been adjusted accordingly.			
² Draft CWRP demand projections include 525 AFY for the Ojai system.			
³ Estimated future water use by customer class is assumed to be the same distribution as 2015 UWMP projections.			
⁴ Based on average water loss in 2018 and 2019. Assumes water loss is proportional to pipe length between Casitas and Ojai systems.			

Ojai System Demand Category	GSWC 2010 UWMP (2035 Projections)	Draft CWRP ¹ (2040 Projections)	Percent Reduction in Planned Demand
Retail	NA	2,093	NA
Water Loss	NA	257 ²	NA
Total Water Demand	2,570	2,350	8%
Notes:			
¹ The Draft CWRP assumes 525 AFY of Ojai System demands would be met by the Casitas system.			
² Based on average water loss in 2018 and 2019. Assumes water loss is proportional to pipe length between Casitas and Ojai systems.			

EXCERPT FROM 2020 CASITAS MWD DRAFT COMPREHENSIVE WATER RESOURCES PLAN**4.1.4 Climate Variability and Climate Change Analysis**

Estimates of future Lake Casitas yield account for climate variability (annual variation in climate and streamflow based on historical records) and climate change (shift in temperature and precipitation due to global climate drivers).

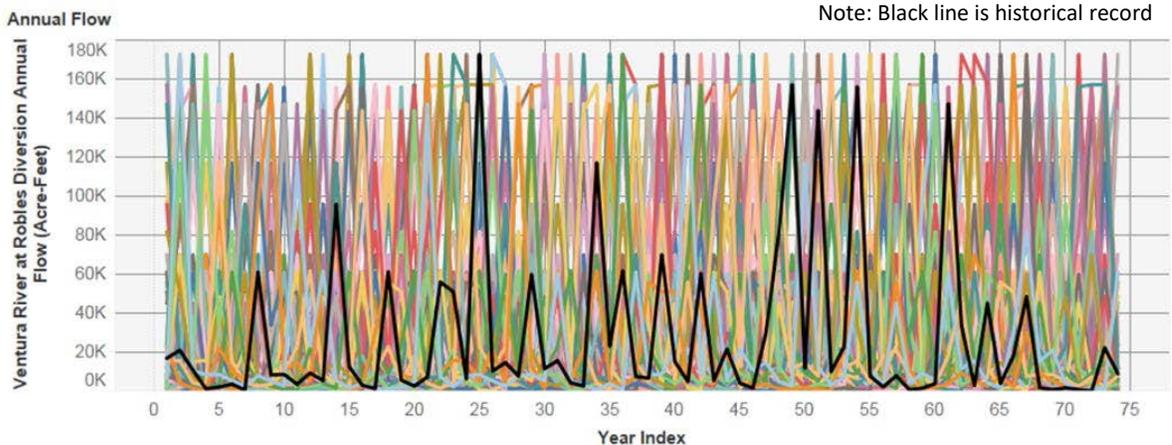


Figure 4-5: Plot of 100 74-year Monthly Time Series for Ventura River Streamflow at Robles Diversion, Based on Historical Record

Natural hydrologic variability was incorporated into the Lake Casitas yield analysis by generating one hundred 74-year hydrologic datasets (traces) derived from the historical dataset and having the same basic statistics (e.g., standard deviation and serial correlation of annual streamflows) as the historical record (**Figure 4-5**). Annual historical natural inflows to the lake and Ventura River streamflows at the Robles Diversion structure were reshuffled 100 times, maintaining the long-term serial correlation between annual streamflows. Monthly distribution of flows within each year was unchanged. The result was 100 hydrologic datasets that were used as input for the Lake Casitas Yield Model.

Downscaled climate change information for Ventura County (Western Regional Climate Center, 2019) was used to adjust Lake Casitas yield estimates for potential future changes in climate conditions (temperature and precipitation). Key findings for Ventura County climate change include:

- Increased average temperature
- Increased maximum temperatures by 3-5 degrees F
- Increased and/or decreased average annual precipitation
- Increased number of dry days (3-4 per year)
- Increased precipitation intensity; wettest 5% of days will contribute 10% more to annual precipitation
- Increased evapotranspiration by 2.5 to 6.5 inches/year, with highest increases in inland areas
- Decreased runoff production (conversion of rainfall to runoff)

Some potential climate change conditions could decrease Lake Casitas inflow and others could increase it. These effects were assumed to generally compensate for each other. Increased evaporation of six inches/year was found to reduce the Lake Casitas safe yield for historical inflow hydrology by 4.3 percent. This factor was applied to results of yield simulations to account for potential future climate change.



Figure 4-6: Lake Casitas Safe Yield for Synthetic Hydrologic Sequences

Of the 100 synthetic hydrologic traces generated for the CWRP, about two-thirds result in lower Lake Casitas safe yield than the historical hydrology (**Figure 4-6**). This persistence toward drier conditions has a significant effect on the reliable yield the Lake could supply in the future.

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL FLOOD, GENERAL MANAGER
SUBJECT: HYDROLOGIC STATUS REPORT FOR FEBRUARY 2022
DATE: MARCH 23, 2022

RECOMMENDATION:

This item is presented for information only and no action is required. Data are provisional and subject to revision.

DISCUSSION:

Rainfall Data

	Casitas Dam	Matilija Dam	Thacher School
This Month	0.00"	0.00"	0.00"
Water Year (WY: Oct 01 – Sep 30)	15.22"	19.68"	13.73"
Average station rainfall to date	16.67"	20.51"	14.92"

Ojai Water System Data

Wellfield production	66.63 AF
Surface water supplement	47.13 AF
Static depth to water surface – Mutual #5	111.20 feet
Change in static level from previous month	+ 10.4 feet

Robles Fish Passage and Diversion Facility Diversion Data

Diversions this month	0 AF
Diversion days this month	0
Total Diversions WY to date	2,516 AF
Diversion days this WY	26

Casitas Reservoir Data

Water surface elevation as of end of month	489.62 feet AMSL
Water storage last month	83,491 AF
Water storage as of end of month	82,764 AF
Net change in storage	- 727 AF
Change in storage from same month last year	- 10,007 AF

AF = Acre-feet

AMSL = Above mean sea level

WY = Water year

CASITAS MUNICIPAL WATER DISTRICT

MINUTES

Recreation Committee

(this meeting was held telephonically)

DATE: March 18, 2022
TO: Board of Directors
FROM: General Manager, Michael Flood
Re: Recreation Committee Meeting of March 8, 2022, at 1000 hours.

RECOMMENDATION:

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

BACKGROUND AND OVERVIEW:

1. **Roll Call.**

Director Brian Brennan
Director Pete Kaiser
General Manager, Michael Flood
Assistant General Manager, Kelley Dyer
Park Services Manager, Joe Martinez
Division Officer, Joe Evans
Aquatics Supervisor, Aaron Wall
Park Services Officer, RJ Faddis

2. **Public Comments.**

None

3. **Review Casitas Water Adventure Aquatic Play Structure and Regenerative Media Filter System Financing**

GM Flood covered the contents of the memo with the Committee.

Director Kaiser commented about his appreciation of work done by staff on this and would like to see other options including loans, grants, and what other public agencies have done to finance projects like this.

Director Brennan commented about seeing the project is going in the right direction, the expanded usefulness of the replacement APS, and the possibility for reduced cost days for the public.

The Committee directed staff to return with other possible financing options to the April Recreation Committee Meeting.

4. **2022 Recreation Area Fee Survey and Proposed 2022-2023 Fee Schedule**

GM Flood covered the contents of the memo.

PSM Martinez commented about park attendance.

Director Brennan commented on the possibility of a kiosk to sell tickets to the Casitas Water Adventure and phone access to waterpark reservations.

Director Kaiser commented on season vs. non-season, inter-regional attendance, and a possible

implementation date for the new fees.

GM Flood indicated that the new fees should go into effect as soon as possible.

The Committee directed staff to forward this item to the Board of Directors for consideration.

5. **Commercial Activity Permit and Agreement Fee**

PSO Faddis provided an overview of this item including cost to administer the program, number of permits, which entities are subject to the agreement, and the proposed fee.

Director Kaiser indicated support for recovering these costs.

Director Brennan indicated support for the fee and continuing to have these agreements.

The Committee directed staff to forward this item to the Board of Directors for consideration.

6. **Review of January 2022 Recreation Report**

PSM Martinez went over the report with the Committee including attendance, revenues, various events, various park improvements, recruiting, lifeguard training, waterpark readiness, rodenticides, and maintenance activities.

Director Kaiser made comments regarding recently repaired roads.

7. **Review of Incidents and Comments**

DO Evans presented the LCRA incident statistics including customer service issues, disturbances, Sheriff contacts, violations, Ranger contacts and maintenance work, animal issues, a vehicle incident, and the kid's fishing day scheduled for April 9th.

Director Kaiser complimented staff on a job well done and made comments regarding signage in the watershed area.

Director Brennan complimented staff on the hard work.



March 23, 2022

Susan Rungren
 Ventura Water General Manager
 City of Ventura
 501 Poli Street
 Ventura, CA 93001

Subject: Comments on Draft 2022 Comprehensive Water Resources Report

Dear Ms. Rungren:

Casitas appreciates the opportunity to submit comments on the City of Ventura’s Draft 2022 Comprehensive Water Resources Report (CWRR). Casitas’ comments are primarily related to the City’s assumed Stage 3 allocation, which is stated as 3,864 AFY on page 4-14 of the City’s Final 2021 CWRR. In anticipation of the Draft 2022 CWRR, Casitas would like to correct the City’s understanding of its allocation to be in accordance with the language in the 2017 Agreement.

Section 4.3.1 of the 2017 Agreement states:

“The City’s Stage 1 Allocation shall be the average of the City’s Projected Water Demand during the five (5) most recent years during which neither the City nor Casitas are implementing their water shortage contingency plans.” (emphasis added)

Article 1.11 of the 2017 Agreement defines the Projected Water Demand as:

“Total amount of water needed to meet the City’s water needs within Casitas boundaries.”

While the City provides Projected Water Demand on an annual basis, the most recent 5-year period during which neither the City nor Casitas were implementing their water shortage contingency plans was Fiscal Year (FY) 2009/2010 through FY 2013/2014. This period serves as the basis for the City’s Stage 1 Allocation as defined in Section 4.3.1 of the 2017 Agreement, and may be adjusted downward with implementation the Casitas Water Efficiency and Allocation Program.

According to Casitas’ records of the City’s Annual Certification reports, the City’s In-District Demand was reported as follows:

Fiscal Year	In District Demand, AFY	City Purchases from Casitas, AFY	Date of Certification Report
2009-2010	5,230.14	6,001.68	09/20/2010
2010-2011	4,370.67	6,041.23	07/23/2013
2011-2012	4,493.94	5,105.04	07/23/2013
2012-2013	4,642.37	5,214.50	08/08/2013
2013-2014	4,751.59	5,645.89	08/13/2014
Average:	4,697.74	5,601.67	

Casitas recognizes that prior to the 2017 Agreement, the City's In-District Demand was calculated based on the City's retail customer meters and did not account for system losses that occur between Casitas' meters and the City's customer meters. Casitas also recognizes that the 2017 Agreement definition of "Actual In-District Demand" includes a formula that assumes all water loss related to City purchases occurs within District boundaries, even if purchased water is delivered to the City's out-of-District demands. As such, Casitas will adjust the City's In-District Demand for the period from FY2010-2014 by 6.5% (which is the water loss reported in the September 28, 2017 Certification Report).

The adjusted In-District Demand and Stage 1 Allocation is **5,061.85 AFY**, and the corresponding Stage 3 Allocation is **3,543.30 AFY**.

While the City continues to submit Projected Water Demand annually, the Stage 1 allocation is based on previous non-drought periods. Any adjustments for new development demands that are submitted in the City's annual reports of Projected Water Demands will apply to the next 5-year period when neither the City nor Casitas are implementing their water shortage contingency plans, which is when the Stage 1 allocation is determined per the 2017 Agreement.

Since 2016 when Stage 3 was implemented by Casitas, the City's purchases from Casitas have remained within its Stage 3 allocation of 3,543.30 AFY.

In addition, with respect to the City's assumed water supply capacity of 5,425 AFY from Casitas Municipal Water District outlined in Table 4-1 of the Final 2021 CWRR, Casitas would like to reiterate its comments provided in the attached letter in advance of the City finalizing its 2022 CWRR.

If there are any questions, please do not hesitate to contact me at mflood@casitaswater.com or 805.649.2251, Ext. 111.

Sincerely,

Michael Flood
General Manager

Attachment: 05-14-21 Letter to City of Ventura regarding Comments on Draft 2020 UWMP



May 14, 2021

Susan Rungren
Ventura Water General Manager
City of Ventura
501 Poli Street
Ventura, CA 93001

Subject: Comments on Draft 2020 Urban Water Management Plan

Dear Ms. Rungren:

Casitas appreciates the opportunity to submit comments on the City of Ventura's Draft 2020 Urban Water Management Plan (UWMP). As Ventura Water is aware, a primary focus of Casitas' water supply planning efforts has been to update the yield model for Lake Casitas. The 2004 yield model has been updated to incorporate more recent data related to storage capacity, diversion efficiency, hydrology, climate change, and other factors.

On April 21, 2021, the Casitas Board of Directors discussed modeling and policy assumptions related to Lake Casitas yield, and directed staff to use an available supply yield to the Casitas System of 15,010 acre-feet per year (afy) for planning purposes. This is less than the previously assumed safe yield of 20,840 afy. In addition, the Casitas Board directed staff to use a planned demand of 14,525 afy, which is based on average water production for the Casitas System over the last 10 years (Calendar Year 2011-2020).

Given the Lake Casitas supply yield is less than previously assumed, this may require adjustments to base allocations in order for demands to be aligned with available supply. Casitas recommends that Ventura Water acknowledge this in Section 3.2.1 of the Draft 2020 UWMP. Specifically, the City's current assumption of up to 6,150 afy under normal and single-dry year conditions may exceed the available supply. Casitas will be working on revisions to its Water Allocation and Efficiency Program and initial base allocations are expected to be reduced.

Additionally, the Lake Casitas storage capacity on page 3-1 should be updated from 254,000 acre-feet to 238,000 acre-feet to reflect the most recent bathymetric survey.

Thank you for your consideration. If there are any questions, please do not hesitate to contact me at mflood@casitaswater.com or 805.649.2251, Ext. 111.

Sincerely,

A handwritten signature in blue ink that reads "Michael Flood".

Michael Flood
General Manager