



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 held via Zoom

Join Zoom Meeting <https://zoom.us/j/91094478837?pwd=VnNOQTZyQVk4K2pnaWpjYVI1TkpRdz09>
Meeting ID: 910 9447 8837 Passcode: 736519

To attend and participate via telephone please call (888) 788- 0099 or (877) 853-5247
Enter Meeting ID: 910 9447 8837# Passcode: 736519#
October 13, 2021 @ 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 September 22, 2021 Board Meeting.
[9 22 2021 Minutes.pdf](#)
- 5.c. Resolution proclaiming a local emergency, ratifying the proclamation of a state of emergency by executive order, and authorizing remote teleconference meetings of the legislative bodies of of Casitas Municipal Water District for the period of October 13, 2021 to November 12, 2021 Pursuant to Brown Act Provisions.
[Board Memo Reso AB361.pdf](#)
[Reso AB 361.pdf](#)

6. ACTION ITEMS

- 6.a. Claim of Jennifer and Antar Ron for damage to trailer.
[Board Memo Ron Claim.pdf](#)
- 6.b. Reject all bids for Marion Walker Pressure Filtration Plant Operations Building Addition, Specification No. 21-441.
[Board Memo Reject 20211013.pdf](#)
- 6.c. Authorize amendments to the agreements for professional environmental consulting services for the Ventura-Santa Barbara Counties Intertie as follows:
 - 6.c.i Approve and amend the agreement with Water Works Engineers, LLC, for a fee increase not to exceed \$1,613,561.00 for a total fee of \$2,376,320.00.
 - 6.c.ii Approve and amend the agreement with Rincon Consultants, Inc., for a fee increase not to exceed \$53,355.00 for a total fee of \$243,728.00.
[Board Memo Vta SB County Intertie.pdf](#)
- 6.d. Approve Change Order No. 1 to Tierra Contracting for the Lion St Pipeline Replacement and fairview Road Connections, Spec. No. 20-437 in the amount of \$33,465.
[Board Memo for Change Order 1_20211013.pdf](#)
- 6.e. Designation of Casitas Real Property Negotiator General Manager Mike Flood for the listed properties and individuals that the negotiator may negotiate with APN 022-2-140-64 and APN 022-0-140-68, Willem and Bethalyn Jonker.

7. DISCUSSION ITEMS/PRESENTATIONS

- 7.a. Discussion of Water Efficiency Allocation Program (WEAP) Lake Level Triggers for Drought Stages.
[Memo_Board_WEAP_2021-10-13 v2.pdf](#)

[ATT1_Casitas MWD WEAP 051221.pdf](#)
[ATT2_PPT_Board_WEAP_2021-10-13.pdf](#)

7.b. Casitas MWD Redistricting.

8. INFORMATION ITEMS

8.a. Draft Letter to California Governor Regarding 15% Voluntary Conservation Metric.
[Draft Casitas_Letter_State15%Conservation.pdf](#)

8.b. Draft Letter to Upper Ventura River Groundwater Management Agency Regarding Comments on the Draft Groundwater Sustainability Plan.
[Draft Casitas Comment Letter on UVRGSA Draft GSP_101321.pdf](#)

8.c. CFD 2013-1 Project Report.
[CFD 2013-1 Project Cost 9-30-2021.pdf](#)

8.d. State Water Project Intertie Report.
[SWP Intertie Project Cost 9-30-21.pdf](#)

8.e. Adjudication Report.
[Adjudication Charges YTD 9.30.21.pdf](#)

8.f. Investment Report.
[Investment Report 9.30.2021.pdf](#)

9. GENERAL MANAGER COMMENTS

10. BOARD OF DIRECTOR REPORTS ON MEETINGS ATTENDED

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

12. CLOSED SESSION

12.a. Conference with Real Property Negotiators pursuant to California Government Code Section 54956.8 for APN 022-0-140-64 and APN 022-0-140-68, Willem and Bethalyn Jonker. District Negotiator: General Manager, Mike Flood

12.b. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION (Government Code Section 54956.9(a) Nancy Duffy McCarron v. County of Ventura et al, United States District Court, Central District of California, Case No. 2:21-cv-05234-MWF-PD.

12.c. 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. ADJOURNMENT

CASITAS MUNICIPAL WATER DISTRICT
General Fund Check Authorization
Checks Dated 09/16/21 - 10/06/21
Presented to the Board of Directors For Approval October 13, 2021

Check	Payee	Description	Amount
001072	Payables Fund Account # 9759651478	Accounts Payable Batch 092221	\$ 1,160,267.09
001073	Payables Fund Account # 9759651478	Accounts Payable Batch 092921	\$ 138,914.09
001075	Payables Fund Account # 9759651478	Accounts Payable Batch 100621	\$ 542,569.93
			<u>\$ 1,841,751.11</u>
001074	Payroll Fund Account # 9469730919	Estimated Payroll 10/21/21	\$ 234,000.00
		Total	<u>\$ 2,075,751.11</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, 001072-001075 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.

001072 A/P Checks: 044238-44309
A/P Draft 000209-000213
Voids:
044243 - Amazon Capital Service - Continuation of detail of check 044242
044278 - Meiners Oaks Ace Hardware - Continuation of detail of check 044277

001073 A/P Checks: 044310-044369
A/P Draft
Voids:
044346 - Meiners Oaks Ace Hardware - Continuation of detail of check 044345

001075 A/P Checks: 044370-44453
A/P Draft 000214-000218
Voids:
044409 - J.W. Enterprises - Continuation of detail of check 044408



Janyne Brown , Chief Financial Officer

CERTIFICATION

Payroll disbursements for the pay period ending 09/18/21
Pay Date 09/23/21
have been duly audited and are
hereby certified as correct.

Signed: 

Janyne Brown

CERTIFICATION

Payroll disbursements for the pay period ending 10/02/21
Pay Date 10/07/21
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					
	C-CHECK	V	9/22/2021			044243		
	C-CHECK	V	9/22/2021			044278		
	C-CHECK	V	9/29/2021			044346		
	C-CHECK	V	10/06/2021			044409		

* * 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

VENDOR SET: 01	BANK:	TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
			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
00128	INTERNAL REVENUE SERVICE							
I-T1 202109201925	Federal Withholding	D	9/22/2021	40,684.35		000209		
I-T3 202109201925	SS Withholding	D	9/22/2021	39,129.46		000209		
I-T4 202109201925	Medicare Withholding	D	9/22/2021	9,845.98		000209		89,659.79
00187	CALPERS							
I-PBB202109201925	PERS BUY BACK	D	9/22/2021	130.46		000210		
I-PBP202109201925	PERS BUY BACK	D	9/22/2021	161.96		000210		
I-PEB202109201925	PEPRA EMPLOYEES PORTION	D	9/22/2021	10,608.99		000210		
I-PEM202109201925	PERS EMPLOYEE PORTION MGMT	D	9/22/2021	1,774.91		000210		
I-PER202109201925	PERS EMPLOYEE PORTION	D	9/22/2021	7,115.55		000210		
I-PRB202109201925	PEBRA EMPLOYER PORTION	D	9/22/2021	11,929.17		000210		
I-PRR202109201925	PERS EMPLOYER PORTION	D	9/22/2021	11,751.67		000210		43,472.71
00180	S.E.I.U. - LOCAL 721							
I-COP202109201925	SEIU 721 COPE	D	9/22/2021	27.50		000211		
I-UND202109201925	UNION DUES	D	9/22/2021	789.25		000211		816.75
00049	STATE OF CALIFORNIA							
I-T2 202109201925	STATE WITHHOLDING (CA)	D	9/22/2021	15,508.25		000212		15,508.25
05790	STATE OF OREGON							
I-OST202109201925	OR STATE TRANSIT TAX	D	9/22/2021	5.58		000213		
I-T2 202109201925	STATE WITHHOLDING (OR)	D	9/22/2021	412.56		000213		418.14
00128	INTERNAL REVENUE SERVICE							
I-T1 202110041929	Federal Withholding	D	10/06/2021	40,709.67		000214		
I-T3 202110041929	SS Withholding	D	10/06/2021	38,544.82		000214		
I-T4 202110041929	Medicare Withholding	D	10/06/2021	9,773.86		000214		89,028.35
00187	CALPERS							
I-PBB202110041929	PERS BUY BACK	D	10/06/2021	130.46		000215		
I-PBP202110041929	PERS BUY BACK	D	10/06/2021	161.96		000215		
I-PEB202110041929	PEPRA EMPLOYEES PORTION	D	10/06/2021	9,803.57		000215		
I-PEM202110041929	PERS EMPLOYEE PORTION MGMT	D	10/06/2021	1,774.91		000215		
I-PER202110041929	PERS EMPLOYEE PORTION	D	10/06/2021	7,164.55		000215		
I-PRB202110041929	PEBRA EMPLOYER PORTION	D	10/06/2021	11,023.56		000215		
I-PRR202110041929	PERS EMPLOYER PORTION	D	10/06/2021	11,815.58		000215		41,874.59
00180	S.E.I.U. - LOCAL 721							
I-COP202110041929	SEIU 721 COPE	D	10/06/2021	27.50		000216		
I-UND202110041929	UNION DUES	D	10/06/2021	806.00		000216		833.50

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00049	STATE OF CALIFORNIA							
I-T2 202110041929	STATE WITHHOLDING (CA)	D	10/06/2021	15,530.99		000217		15,530.99
05790	STATE OF OREGON							
I-OST202110041929	OR STATE TRANSIT TAX	D	10/06/2021	5.63		000218		
I-T2 202110041929	STATE WITHHOLDING (OR)	D	10/06/2021	417.59		000218		423.22
02587	A&M LAWNMOWER SHOP							
I-50971	Clean Blades - MAINT	R	9/22/2021	39.06		044238		39.06
00004	ACWA JOINT POWERS INSURANCE AU							
I-0673395	Health Insurance 10/21	R	9/22/2021	179,836.18		044239		179,836.18
00010	AIRGAS USA LLC							
I-9982562167	Gas Cylinder Rental - PL	R	9/22/2021	348.12		044240		348.12
09569	ALLCABLE							
I-4027522	Cat5E Ns Dir Burial - FISH	R	9/22/2021	103.79		044241		103.79
03044	Amazon Capital Services							
C-1FKM-KW7Q-3C4M	Cable Return - EM	R	9/22/2021	75.02CR		044242		
C-1QM-Q-DF4-1HQV	Canopy Return - UT	R	9/22/2021	64.34CR		044242		
C-1QVT-XP4Q-RDWR	Cable Return - EM	R	9/22/2021	75.02CR		044242		
C-1YKT-WGH4-GDNT	Caps Return - MAINT	R	9/22/2021	91.10CR		044242		
I-13DM-37FQ-64LQ	Cable - EM	R	9/22/2021	150.04		044242		
I-1CL1-RFNW-DVGH	Dishwashing Soap - PL	R	9/22/2021	45.18		044242		
I-1HVN-C4R3-H9J6	Heater - EM	R	9/22/2021	132.07		044242		
I-1JGY-7KLV-GRTX	Lubricant Can - EM	R	9/22/2021	129.12		044242		
I-1JXC-PMM6-KNVR	Duct Booster Fan - WP	R	9/22/2021	45.66		044242		
I-1THP-F6LMW366	Bulbs & Lamp - EM	R	9/22/2021	13.61		044242		
I-1TPR-QPVL-GVL1	Hats - MAINT	R	9/22/2021	190.26		044242		
I-1W47-GJ33-494X	Miller Spoolmate - LCRA	R	9/22/2021	402.19		044242		
I-1WX3-K767-D6W4	Electric Desk Converter - TP	R	9/22/2021	475.12		044242		1,277.77
00014	AQUA-FLO SUPPLY							
I-SI1803932	Stake Chaser Whisker - ENG	R	9/22/2021	5.45		044244		5.45
00018	AT & T MOBILITY							
I-287294256431X0921	Acct#287294256431	R	9/22/2021	1,064.48		044245		
I-287299383384X0921	Acct#287299383384	R	9/22/2021	77.76		044245		1,142.24
03429	AT&T							
I-4799794601	Acct#8310009376326	R	9/22/2021	1,302.40		044246		1,302.40

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
03429	AT&T Acct#8310009376372	R	9/22/2021	1,302.40		044247		1,302.40
05140	Annette Ayala Lion St Native American Mo-ENG	R	9/22/2021	2,805.00		044248		2,805.00
04624	B&K Valves & Equipment, Inc. B&K Tech Service - ENG	R	9/22/2021	2,900.00		044249		2,900.00
00030	B&R TOOL AND SUPPLY CO Rebuilt Freezing Machines - PL	R	9/22/2021	1,934.69		044250		1,934.69
00679	BAKERSFIELD PIPE & SUPPLY INC Slip On Flange & Gloves - PL	R	9/22/2021	205.00		044251		205.00
00494	C.D. LYON CONSTRUCTION, INC. Robles Fishway Blasting - ENG Robles Debris Clean-out - ENG	R R	9/22/2021 9/22/2021	10,027.46 5,736.88		044252 044252		15,764.34
03702	Cannon Corporation Grand Ave. PL Design - ENG Lion St and Fairview Design-EN	R R	9/22/2021 9/22/2021	10,918.50 1,065.00		044253 044253		11,983.50
00055	CASITAS BOAT RENTALS Gas for Boats - LCRA	R	9/22/2021	423.00		044254		423.00
01843	COASTAL COPY Copier Usage - WHS	R	9/22/2021	156.85		044255		156.85
00062	CONSOLIDATED ELECTRICAL Misc. for Level Sensor Install Rockwell Software Support - EM	R R	9/22/2021 9/22/2021	292.89 16,389.37		044256 044256		16,682.26
01483	CORVEL CORPORATION Claim # 1002WC200000006 Claim # 1102WC200000006	R R	9/22/2021 9/22/2021	625.20 120.00		044257 044257		745.20
00086	E.J. Harrison & Sons Inc Acct#500546088	R	9/22/2021	469.13		044258		469.13
00086	E.J. Harrison & Sons Inc Acct#1C00054240	R	9/22/2021	424.98		044259		424.98

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01288	ENVIRONMENTAL SYSTEMS ESRI User Licensses - ENG	R	9/22/2021	1,740.41		044260		1,740.41
00091	ERNST & YOUNG LLP Client#0012205436	R	9/22/2021	1,323.00		044261		1,323.00
00095	FAMCON PIPE & SUPPLY Air Valves - PL	R	9/22/2021	6,327.75		044262		6,327.75
00713	FLUID MANUFACTURING Tokens - LCRA	R	9/22/2021	1,120.25		044263		1,120.25
05885	FluidSecure Accrue Use Tax	R	9/22/2021	760.96CR		044264		
	D-2785a Accrue Use Tax	R	9/22/2021	760.96		044264		
	I-2785 Fuel Tracking - GAR	R	9/22/2021	10,496.00		044264		10,496.00
00106	FRONTIER PAINT Paint - MAINT	R	9/22/2021	96.33		044265		
	I-F0275396 Paint - MAINT	R	9/22/2021	64.22		044265		160.55
01482	MICHAEL GIBSON Reimburse Expenses 08/21	R	9/22/2021	122.64		044266		
	I-July 21 Reimburse Expenses 07/21	R	9/22/2021	85.68		044266		208.32
00121	HACH COMPANY NACL Return - LAB	R	9/22/2021	73.95CR		044267		
	I-12607949 NACL - LAB	R	9/22/2021	104.62		044267		
	I-12639719 Bart Tester Set - LAB	R	9/22/2021	223.32		044267		253.99
04022	Hammer, Jewell & Associates Ventura-SB Row Srvs - ENG	R	9/22/2021	910.00		044268		
	I-201181 Ojai Ave PL ROW Srvs - ENG	R	9/22/2021	4,970.25		044268		5,880.25
05746	Hasa Inc. Chlorine for Ojai Sys. - TP	R	9/22/2021	1,179.66		044269		1,179.66
00127	INDUSTRIAL BOLT & SUPPLY Hex Nuts & Washers - EM	R	9/22/2021	76.35		044270		
	I-225172-1 Hex Tap & Bolt - EM	R	9/22/2021	20.90		044270		97.25
04302	J&J Chemical Co. Propaxx Elite - LCRA	R	9/22/2021	346.33		044271		346.33

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00131	JCI JONES CHEMICALS, INC Chlorine - TP, CM 867423	R	9/22/2021	2,477.59		044272		2,477.59
04200	Lauterbach & Associates, Inc. San Antonio Bldg Const - ENG	R	9/22/2021	510.00		044273		510.00
01270	SCOTT LEWIS Reimburse Expenses - 08/21	R	9/22/2021	3,362.98		044274		3,362.98
02658	Liebert Cassidy Whitmore Metter # CA182-00001	R	9/22/2021	304.00		044275		
	I-1517206 Metter # CA182-00010	R	9/22/2021	2,794.00		044275		
	I-1519125 Metter # CA182-00010	R	9/22/2021	924.00		044275		
	I-1520989 Employment Relation Consortium	R	9/22/2021	4,870.00		044275		8,892.00
00329	MCMMASTER-CARR SUPPLY CO. T-Strainer Return - TP	R	9/22/2021	8.93CR		044276		
	I-64421585 T-Strainer - TP	R	9/22/2021	8.93		044276		
	I-65025440 Pleated Panel Air Filters -EM	R	9/22/2021	120.66		044276		120.66
00151	MEINERS OAKS ACE HARDWARE Paint Return - MAINT	R	9/22/2021	15.26CR		044277		
	I-978678 Gas Can - FISH	R	9/22/2021	21.44		044277		
	I-980191 Hydraulic Cement & Hammer - WP	R	9/22/2021	55.57		044277		
	I-980804 Paint & Supplies - MAINT	R	9/22/2021	300.30		044277		
	I-981196 Bright Common - ENG	R	9/22/2021	9.64		044277		
	I-981254 Pine, Bolts & Screws - LCRA	R	9/22/2021	30.19		044277		
	I-981326 Outlet Box & Cover - LCRA	R	9/22/2021	29.17		044277		
	I-981374 Wasp & Hornet Kill - LCRA	R	9/22/2021	2.68		044277		
	I-981382 Face Shield & Screws - MAINT	R	9/22/2021	25.83		044277		
	I-981436 Faucet Timer - LCRA	R	9/22/2021	30.11		044277		
	I-981522 Deadlatch Strike - LCRA	R	9/22/2021	1.94		044277		
	I-981534 Paint Supplies - MAINT	R	9/22/2021	39.30		044277		
	I-981546 Brass Fitting & Brush - MAINT	R	9/22/2021	44.33		044277		575.24
03444	Mission Linen Supply Uniform Pants - PL	R	9/22/2021	33.71		044279		
	I-515514628 Uniform Pants - MAINT	R	9/22/2021	27.11		044279		
	I-515514631 Uniform Pants - TP	R	9/22/2021	39.05		044279		
	I-515561984 Uniform Pants - PL	R	9/22/2021	33.71		044279		
	I-515561985 Uniform Pants - MAINT	R	9/22/2021	27.11		044279		
	I-515561989 Uniform Pants - TP	R	9/22/2021	39.05		044279		199.74

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
03701	MNS Engineers, Inc.							
I-78524	Santa Ana Bridge Design - ENG	R	9/22/2021	702.50		044280		
I-78525	LCRA Sewer Implementation -ENG	R	9/22/2021	957.66		044280		
I-78526	Dredging Robles Forbay - ENG	R	9/22/2021	4,420.00		044280		6,080.16
05886	Margaret Morgan							
I-092121	Entry Agreement - ENG	R	9/22/2021	1,500.00		044281		1,500.00
03508	NTT Industrial Supply, Inc.							
I-8904	Hydraulic Hose - EM	R	9/22/2021	69.56		044282		69.56
00163	OFFICE DEPOT							
I-194230711001	Paper Cutter - ADM	R	9/22/2021	182.42		044283		182.42
00347	Ojai Recreation Department							
I-091121	Ojai Day Booth Fees - LCRA	R	9/22/2021	90.00		044284		90.00
00884	OJAI TERMITE & PEST CONTROL, I							
I-219274	Monthly Rodent Service - MAINT	R	9/22/2021	75.00		044285		75.00
00602	OJAI TRUE VALUE							
I-52977	Tarp - PL	R	9/22/2021	22.51		044286		22.51
01627	OSCAR'S TREE SERVICE							
I-15734	Pine Tree Removal - MAINT	R	9/22/2021	4,000.00		044287		4,000.00
02187	Pitney Bowes Inc							
I-1019016708	Sealer - DO	R	9/22/2021	82.04		044288		82.04
05155	Plaza Locksmith Inc							
I-51110	Reprogram Gate Looks - MAINT	R	9/22/2021	293.00		044289		293.00
05713	Pops Auto Repair							
I-0115	Service Repair - Unit 8	R	9/22/2021	5,035.38		044290		
I-0116	Smog & Repair - Unit 38	R	9/22/2021	1,533.35		044290		
I-0118	Repair - Unit 41	R	9/22/2021	2,498.28		044290		
I-0120	Smog - Unit 23	R	9/22/2021	191.95		044290		
I-0122	Oil Service - Unit - 52	R	9/22/2021	212.24		044290		
I-0124	Steering Column Shifter-Unit 8	R	9/22/2021	698.41		044290		
I-0125	Service/Repair - Unit 22	R	9/22/2021	8,618.78		044290		
I-0126	Smog Check - Unit 09	R	9/22/2021	80.00		044290		
I-0127	Service Repair & Smog -Unit 35	R	9/22/2021	2,454.72		044290		
I-0128	Oil Service - Unit 17	R	9/22/2021	178.30		044290		21,501.41

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00790	PROFORMA I-BI85005073A Uniform for O&M	R	9/22/2021	373.85		044291		373.85
02767	Pueblo Water Resources, Inc. I-2021-110 On-Call Hydro Service - ENG I-2021-111 Replacement Well Project - ENG	R R	9/22/2021 9/22/2021	735.00 315.00		044292 044292		1,050.00
03554	J. Harris Industrial Water Tre I-1915603 Water Softner Service - WP	R	9/22/2021	148.84		044293		148.84
00788	QUINN COMPANY I-W0110103619 Repair - Unit 287	R	9/22/2021	2,021.84		044294		2,021.84
00306	Rincon Consultants, Inc. I-33251 Forebay Rest Annual Rep - ENG I-33456 Environmental Monitoring - ENG I-33490 CEQA Services - ENG	R R R	9/22/2021 9/22/2021 9/22/2021	2,087.00 19,068.32 3,318.75		044295 044295 044295		24,474.07
01107	SAWYER PETROLEUM I-S139352 Gas & Diesel - LCRA	R	9/22/2021	4,212.36		044296		4,212.36
00215	SOUTHERN CALIFORNIA EDISON I-092121a Acct#700028735181 I-092121b Acct#700625798978	R R	9/22/2021 9/22/2021	4,886.75 153.12		044297 044297		5,039.87
00048	STATE OF CALIFORNIA I-092221 State Water Plan Payment	R	9/22/2021	197,329.00		044298		197,329.00
02643	Take Care by WageWorks I-13184142 Reimburse Med/Dep Care I-13205708 Reimburse Med/Dep Care	R R	9/22/2021 9/22/2021	30.90 5.00		044299 044299		35.90
01959	The Wharf C-203951 Pants - MAINT I-200945 Work Clothing - MAINT	R R	9/22/2021 9/22/2021	172.19CR 359.51		044300 044300		187.32
00317	TIERRA CONTRACTING INC I-083121 Lion St Construction - ENG I-083121b West Ojai PL Repl. - ENG	R R	9/22/2021 9/22/2021	244,397.00 138,878.39		044301 044301		383,275.39
02163	Toro Enterprises, Inc. I-14914 Grand Ave. PL Replacement -ENG	R	9/22/2021	61,461.99		044302		61,461.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
02583	WageWorks							
I-INV3046818	FSA Monthly Admin Fee	R	9/22/2021	175.00		044303		175.00
00270	Wells Fargo Bank							
I-091021a	VCAPCD Application Fee - GAR	R	9/22/2021	450.00		044304		
I-091021b	VCAPCD Service Fee - GAR	R	9/22/2021	17.25		044304		
I-091021c	Versaflo Org. Vapor/Acid Gas	R	9/22/2021	530.16		044304		997.41
04724	WM Corporate Services, Inc							
I-0016464-4838-9	SUP Triwall Box - PL	R	9/22/2021	787.24		044305		787.24
04010	CALIFORNIA STATE DISBURSEMENT							
I-CS5202109201925	200000001181291	R	9/22/2021	386.30		044306		386.30
02823	Franchise Tax Board							
I-G08202109201925	STATE TAX GARNISHMENT	R	9/22/2021	500.00		044307		500.00
00124	ICMA RETIREMENT TRUST - 457							
I-DCI202109201925	DEFERRED COMP FLAT	R	9/22/2021	550.00		044308		
I-DI%202109201925	DEFERRED COMP PERCENT	R	9/22/2021	117.50		044308		667.50
00985	NATIONWIDE RETIREMENT SOLUTION							
I-CUN202109201925	457 CATCH UP	R	9/22/2021	480.77		044309		
I-DCN202109201925	DEFERRED COMP FLAT	R	9/22/2021	7,368.57		044309		
I-DN%202109201925	DEFERRED COMP PERCENT	R	9/22/2021	398.80		044309		8,248.14
00010	AIRGAS USA LLC							
I-9117594579	Welding Supplies - PL	R	9/29/2021	329.33		044310		329.33
00012	ALL-PHASE ELECTRIC SUPPLY CO.							
I-5665-1011406	Touch Panel - EM	R	9/29/2021	2,687.48		044311		2,687.48
03044	Amazon Capital Services							
I-1FYC-3FV9-K1NT	Heat Gun - IT	R	9/29/2021	53.60		044312		
I-1HML-9F7F-JM1X	Replacement Bulbs - EM	R	9/29/2021	232.72		044312		
I-1JDY-46PC-HT93	Fire Rings - LCRA	R	9/29/2021	3,056.40		044312		
I-1JDY-46PC-JNP7	Air Filters - MAINT	R	9/29/2021	36.44		044312		
I-1JDY-46PC-PY7H	Wooster Brush - MAINT	R	9/29/2021	11.01		044312		
I-1LL7-44YP-FCYH	Angle Grinder - LCRA	R	9/29/2021	225.21		044312		
I-1MHQ-JM6Q-16WK	Bolt Nuts - MAINT	R	9/29/2021	21.31		044312		
I-1MJ1-XXD6-6DCY	Chainsaw Chain - LCRA	R	9/29/2021	92.21		044312		
I-1WQC-CYV1-43PP	Gloves, Starter & Vac - UT	R	9/29/2021	461.09		044312		4,189.99

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
02695	AMS Global Inc.							
C-14201756b	Accrued Use Tax	R	9/29/2021	11.31		044313		
D-14201756a	Accrue Use Tax	R	9/29/2021	11.31		044313		
I-14201756	O-Ring & Bolt - LCRA	R	9/29/2021	156.00		044313		156.00
00014	AQUA-FLO SUPPLY							
I-SI1806743	Brass Nipple - PL	R	9/29/2021	110.90		044314		
I-SI1806744	Hand Pump W/Hose - PL	R	9/29/2021	38.88		044314		
I-SI1809307	PVC Cement & Purple Primer -UT	R	9/29/2021	48.94		044314		198.72
01323	ARGO CHEMICAL INC							
I-2109122	Ammonia Solution - TP	R	9/29/2021	3,883.66		044315		3,883.66
01703	ARNOLD LAROCHELLE MATTHEWS							
I-3968	Metter #5088-001 08/21	R	9/29/2021	2,112.00		044316		
I-3969	Metter # 01643 0821	R	9/29/2021	5,470.00		044316		7,582.00
01666	AT & T							
I-000017094282	Acct#9391062398	R	9/29/2021	58.51		044317		58.51
01666	AT & T							
I-000017098869	Acct#9391064013	R	9/29/2021	23.41		044318		23.41
05630	Autodesk, Inc.							
I-9062132386	AutoCAD License - ENG	R	9/29/2021	7,485.50		044319		7,485.50
00021	AWA OF VENTURA COUNTY							
I-06-13589	2021 Elected Official Receptio	R	9/29/2021	2,500.00		044320		2,500.00
00030	B&R TOOL AND SUPPLY CO							
I-1900963844	Wheel Cutter & Wrench - PL	R	9/29/2021	146.74		044321		
I-1900964033	Wheel Saitech - UT	R	9/29/2021	83.24		044321		
I-1900964219	Turbine Oil - TP	R	9/29/2021	170.25		044321		400.23
00679	BAKERSFIELD PIPE & SUPPLY INC							
I-S2850759.001	Flange & Gasket - TP	R	9/29/2021	98.22		044322		
I-S2855199.001	Malleable Square Head - TP	R	9/29/2021	20.72		044322		118.94
02922	Bartel Associates, LLC							
I-21-612	GASBS 68 Report - ADM	R	9/29/2021	1,400.00		044323		1,400.00
04111	Roadpost, Inc.							
I-BU01375002	Sat Phone Service - TP	R	9/29/2021	54.54		044324		54.54

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
05888	Robert Bonelli							
I-1014390	Camping Cancellation - LCRA	R	9/29/2021	402.00		044325		402.00
01295	BSN CONSTRUCTION							
I-092321	Asphalt Patching - ENG	R	9/29/2021	9,938.42		044326		9,938.42
03021	Central Communications							
I-000022-533-281	Call Center 08/21	R	9/29/2021	180.39		044327		180.39
00061	COMPUWAVE							
I-SB02097934	Notebook Battery - IT	R	9/29/2021	129.77		044328		
I-SB02097957	Cell Battery - IT	R	9/29/2021	117.98		044328		247.75
01483	CORVEL CORPORATION							
I-6/15450037-1	1102WC200000006 DOS 01/12/21	R	9/29/2021	13.20		044329		
I-C00206644966	Claim # 1102WC200000006	R	9/29/2021	523.20		044329		536.40
02480	David Taussig & Associates, In							
I-2108207	D21-00115 CFD Tax Admin	R	9/29/2021	234.51		044330		234.51
00662	Diamond A Equipment							
I-P53561	Kit Blades & Switch - Unit 281	R	9/29/2021	213.21		044331		213.21
00086	E.J. Harrison & Sons Inc							
I-1779a	Acct#1C00114748	R	9/29/2021	170.00		044332		170.00
00086	E.J. Harrison & Sons Inc							
I-618	Acct#1C00053370	R	9/29/2021	271.77		044333		271.77
00095	FAMCON PIPE & SUPPLY							
I-S100060623.003	Adapter & Saddle - ENG	R	9/29/2021	388.25		044334		
I-S100062186.003	2" Ball Valve - PL	R	9/29/2021	205.92		044334		
I-S100063286.001	Gaket - PL	R	9/29/2021	206.99		044334		801.16
00093	FEDERAL EXPRESS							
I-7-511-76491	Shipping - LAB	R	9/29/2021	73.21		044335		73.21
00101	FISHER SCIENTIFIC							
I-0664510	MacConkey Plates - LAB	R	9/29/2021	37.07		044336		37.07
00104	FRED'S TIRE MAN							
I-134992	Tires & Oil Service - Unit 56	R	9/29/2021	1,004.36		044337		
I-135061	Flat Tire - Unit 73	R	9/29/2021	25.00		044337		1,029.36

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
02835	Global Equipment Co., Inc. 3-HP 3 Phase Motor - TP	R	9/29/2021	639.15		044338		639.15
00121	HACH COMPANY Total Chlorine - LAB	R	9/29/2021	44.51		044339		44.51
05746	Hasa Inc. Chlorine for Ojai Sys. - TP	R	9/29/2021	1,801.04		044340		1,801.04
00125	IDEXX DISTRIBUTION CORP Colilert Sample 200 - LAB	R	9/29/2021	1,106.58		044341		1,106.58
00127	INDUSTRIAL BOLT & SUPPLY Nuts & Bolts - PL	R	9/29/2021	273.42		044342		273.42
00131	JCI JONES CHEMICALS, INC Chlorine - TP, CM 868031	R	9/29/2021	2,477.91		044343		2,477.91
02129	Tracy Medeiros 1102WC180000001 09/18-10/01/21	R	9/29/2021	580.00		044344		580.00
00151	MEINERS OAKS ACE HARDWARE Gloves & Mask Dust - LCRA	R	9/29/2021	133.76		044345		
	I-981652 Spray Paint - LCRA	R	9/29/2021	14.54		044345		
	I-981657 Cleaning Supplies - PL	R	9/29/2021	44.37		044345		
	I-981792 Spray Paint & Mayes Squangle	R	9/29/2021	14.65		044345		
	I-982019 Paint Bushes & Blue Tarp-MAINT	R	9/29/2021	33.17		044345		
	I-982062 Batteries & Headlight - TP	R	9/29/2021	47.48		044345		
	I-982158 Wire Connector - LCRA	R	9/29/2021	11.69		044345		
	I-982203 Paint - MAINT	R	9/29/2021	159.91		044345		
	I-982227 Fittings - LCRA	R	9/29/2021	105.22		044345		
	I-982352 Gas Can & Storage Box - LAB	R	9/29/2021	65.96		044345		
	I-982366 Toter Trash Cart - LCRA	R	9/29/2021	266.01		044345		
	I-982441 Cloth Plumber - TP	R	9/29/2021	29.23		044345		
	I-982445 Engine Brite & Nipple - LCRA	R	9/29/2021	33.56		044345		
	I-982514 Wood Stake ENG	R	9/29/2021	46.59		044345		
	I-982515 Tape Flagging - ENG	R	9/29/2021	2.92		044345		1,009.06
03444	Mission Linen Supply Uniform Pants - TP	R	9/29/2021	34.00		044347		
	I-515605605 Uniform Pants - MAINT	R	9/29/2021	27.11		044347		
	I-515605608 Uniform Pants - TP	R	9/29/2021	39.05		044347		100.16

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01876	NALCO COMPANY							
I-6600661374	Anionic Polymer - TP	R	9/29/2021	1,518.45		044348		1,518.45
00163	OFFICE DEPOT							
I-195463332001	Office Supplies - ADM	R	9/29/2021	245.68		044349		245.68
01570	Ojai Auto Supply							
I-528543	Air Filter & Glass Cleaner-GAR	R	9/29/2021	82.36		044350		82.36
00165	OJAI LUMBER CO, INC							
I-2109-653073	Douglas Fir & Mortar - LCRA	R	9/29/2021	104.97		044351		104.97
05713	Pops Auto Repair							
I-0121	Service Repair - Unit 47	R	9/29/2021	6,875.64		044352		
I-0129	Smog & Service Repair - Unit42	R	9/29/2021	322.87		044352		
I-0130	Tire Pressure Sensor - Unit 15	R	9/29/2021	749.00		044352		
I-0132	Coolant Temp Sensor - Unit 12	R	9/29/2021	748.12		044352		8,695.63
00790	PROFORMA							
I-BI85004947A	CMWD Retro Logo Patches - O&M	R	9/29/2021	255.91		044353		255.91
00306	Rincon Consultants, Inc.							
I-33501	Robles Prog. Permits - ENG	R	9/29/2021	1,431.00		044354		
I-33538	Robles Forebay Env Consult-ENG	R	9/29/2021	6,522.00		044354		
I-33539	Grand Ave Env Services - ENG	R	9/29/2021	1,918.75		044354		
I-33623	Matilija Dam Habitat Cons Plan	R	9/29/2021	702.50		044354		
I-33624	Env Cansult CDFW Letter - ENG	R	9/29/2021	5,835.00		044354		
I-33626	West Ojai PL Replacement - ENG	R	9/29/2021	885.40		044354		17,294.65
01109	SALVADOR LOERA TRANSPORTATION							
I-13081	Fill Sand - PL	R	9/29/2021	469.00		044355		469.00
00725	SMART & FINAL							
I-452400	Distilled Water - TP	R	9/29/2021	8.72		044356		8.72
00215	SOUTHERN CALIFORNIA EDISON							
I-092221	Acct#700029026585	R	9/29/2021	7,543.98		044357		
I-092321	Acct#700356078152	R	9/29/2021	183.17		044357		
I-092421a	Acct#700533992421	R	9/29/2021	22,611.14		044357		
I-092421b	Acct#700237081885	R	9/29/2021	862.14		044357		
I-092721	Acct#700387230310	R	9/29/2021	20.88		044357		31,221.31
00216	Southern California Gas Co.							
I-092721a	Acct#00801443003	R	9/29/2021	229.31		044358		
I-092721b	Acct#18231433006	R	9/29/2021	41.66		044358		270.97

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
02703	Sunbelt Rentals							
I-105170290-0017	Emergency Generator Rental -EM	R	9/29/2021	2,767.36		044359		
I-116840078-0001	Excavator Rental - PL	R	9/29/2021	3,033.20		044359		
I-117426561-0001	Plate Tamper Rental - PL	R	9/29/2021	636.65		044359		
I-117925271-0001	Rent Mini-Excavator - PL	R	9/29/2021	425.91		044359		
I-118020934-0001	Plate Tamper Rental - PL	R	9/29/2021	225.75		044359		
I-118050670-0001	Mini Ex Rental - PL	R	9/29/2021	340.86		044359		7,429.73
02643	Take Care by WageWorks							
I-13228578	Reimburse Med/Dep Care	R	9/29/2021	480.00		044360		
I-13232102	Reimburse Med/Dep Care	R	9/29/2021	50.00		044360		
I-13237738	Reimburse Med/Dep Care	R	9/29/2021	41.54		044360		571.54
05779	The Spine and Orthopedic Cente							
I-6/15450037-1	1102WC200000006 DOS 01/12/21	R	9/29/2021	151.58		044361		151.58
02527	Traffic Technologies LLC							
I-38844	Cones, Signs, Barricades - PL	R	9/29/2021	1,613.08		044362		1,613.08
01662	TYLER TECHNOLOGIES, INC.							
I-025-350088	UB Monthly Online 10/21	R	9/29/2021	128.00		044363		128.00
00246	VENTURA COUNTY AIR POLLUTION							
I-1045206	Air Permit Processing Fee - DO	R	9/29/2021	623.35		044364		
I-1045214	Air Permit Renewal Fee - DO	R	9/29/2021	652.00		044364		1,275.35
09955	VENTURA WHOLESALE ELECTRIC							
I-275421	Elec for Hwy 150 Chlor Build	R	9/29/2021	532.29		044365		
I-279051	Conduit & Elect for Conex - UT	R	9/29/2021	919.08		044365		
I-279083	Cover & Gasket - UT	R	9/29/2021	130.54		044365		
I-279118	Str Copper Thhn - LCRA	R	9/29/2021	538.75		044365		
I-279283	Bushing & 2P Motor SW - UT	R	9/29/2021	50.83		044365		2,171.49
02854	Water Works Engineers, LLC							
I-11955	West End Ojai Ave PL - ENG	R	9/29/2021	6,436.84		044366		6,436.84
00663	WAXIE SANITARY SUPPLY							
I-80289361	Janitorial Supplies - LCRA	R	9/29/2021	38.87		044367		
I-80291528	Janitorial Supplies - LCRA	R	9/29/2021	2,573.97		044367		2,612.84
00270	Wells Fargo Bank							
I-091021e	CMWD Website Register - IT	R	9/29/2021	574.75		044368		
I-091021f	Country Rubble Corners & - LCR	R	9/29/2021	949.59		044368		
I-091021g	Back Window - Unit 84	R	9/29/2021	686.60		044368		
I-091021h	Firstnet Modem - EM	R	9/29/2021	92.80		044368		
I-091021i	Shock Mount for Wacker - LCRA	R	9/29/2021	156.86		044368		2,460.60

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
02568	Win-911 Software							
I-AFF02AA2-20211229	Annual License Renewal - TP	R	9/29/2021	660.00		044369		660.00
02587	A&M LAWNMOWER SHOP							
I-51081	Stihl Ms 250 - MAINT	R	10/06/2021	339.53		044370		
I-51082	Hedge Trimmer - MAINT	R	10/06/2021	523.55		044370		863.08
00004	ACWA JOINT POWERS INSURANCE AU							
I-0675003	Health Insurance 11/21	R	10/06/2021	149,620.34		044371		149,620.34
00012	ALL-PHASE ELECTRIC SUPPLY CO.							
I-5665-1011776	Solution Pump Fuses - TP	R	10/06/2021	205.47		044372		205.47
09569	ALLCABLE							
I-4027628	Patch Cord - IT	R	10/06/2021	26.22		044373		
I-4027642	Patch Cord - IT	R	10/06/2021	16.39		044373		42.61
03044	Amazon Capital Services							
I-11C4-TMXL-DJCC	USB Chargers - IT	R	10/06/2021	66.48		044374		
I-164T-QRLT-71WP	Ball Joint - LCRA	R	10/06/2021	10.70		044374		
I-176G-TYDY-3VWG	Tires - Unit 105	R	10/06/2021	314.23		044374		
I-17JG-FYGW-H4P1	P100 Filter - WP	R	10/06/2021	22.74		044374		
I-1JGY-7KLV-XPTW	Reusable Bags - LCRA	R	10/06/2021	64.24		044374		
I-1K3K-GDW4-J66Q	Uniform Work Shirts - UT	R	10/06/2021	155.79		044374		
I-1LT7-4RK9-KPXX	Chainsaw Carb - MAINT	R	10/06/2021	33.21		044374		
I-1MHM-4PXQ-V3XY	Caps - EM	R	10/06/2021	27.85		044374		
I-1MJL-9D67-QCQP	Canopy - LCRA	R	10/06/2021	1,529.27		044374		
I-1P67-JQWC-GJK1	Patch Cable Cord - LCRA	R	10/06/2021	63.78		044374		2,288.29
00022	AMERICAN WATER WORKS ASSOC.							
C-0002252660b	Accrue Use Tax	R	10/06/2021	19.94CR		044375		
D-0002252660a	Accrue Use Tax	R	10/06/2021	19.94		044375		
I-0002252660	Standard Methods 23rd Edition	R	10/06/2021	294.00		044375		294.00
00021	AWA OF VENTURA COUNTY							
I-06-13607	CCWUE Training - LAB	R	10/06/2021	25.00		044376		25.00
04624	B&K Valves & Equipment, Inc.							
I-1263.1-1	Handwheel Spinner - ENG	R	10/06/2021	145.39		044377		
I-1263.1-2	24" Handwheel & Insert - ENG	R	10/06/2021	945.05		044377		1,090.44
00030	B&R TOOL AND SUPPLY CO							
I-1900964323	DAP Platinum Patch - MAINT	R	10/06/2021	129.30		044378		129.30

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
05823	Brenda M Guzman Lion St Native Monitor - ENG	R	10/06/2021	6,205.00		044379		6,205.00
00044	CALIFORNIA ELECTRIC SUPPLY Misc Terminal Pack - IT	R	10/06/2021	16.16		044380		16.16
09983	California Water Efficiency Pa Washing Machine/Toilet Rebates	R	10/06/2021	10,000.00		044381		10,000.00
09182	CalPERS Unfunded Accrued Liab 10/21	R	10/06/2021	60,562.33		044382		60,562.33
02787	Lindsay Cao Reimburse Expenses 09/21	R	10/06/2021	221.68		044383		221.68
00055	CASITAS BOAT RENTALS Gas for Boats - LCRA	R	10/06/2021	568.43		044384		568.43
05756	Cel Analytical Inc Giardia/Crypto 09/22/21	R	10/06/2021	385.00		044385		385.00
00117	CERTEX USA, INC 4T Overhaul Ball - Unit 87	R	10/06/2021	1,852.23		044386		1,852.23
05774	CliftonLarsonAllen LLP Audit Service for FY 20/21	R	10/06/2021	10,500.00		044387		10,500.00
01843	COASTAL COPY Copier Usage - LCRA Copier Usage - DO	R R	10/06/2021 10/06/2021	146.84 216.29		044388 044388		363.13
00061	COMPUWAVE Dell Monitor - IT	R	10/06/2021	443.65		044389		443.65
00062	CONSOLIDATED ELECTRICAL Cable Tie - IT	R	10/06/2021	18.49		044390		18.49
01647	JOEL COX Reimburse Expenses 09/21	R	10/06/2021	235.00		044391		235.00
01764	DataProse, LLC UB Mailing 08/21	R	10/06/2021	4,116.05		044392		4,116.05

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00740	DELL MARKETING L.P. Dell Monitor - MAINT	R	10/06/2021	706.73		044393		706.73
03910	DoiT International USA, INC Google Apps 09/21	R	10/06/2021	1,608.00		044394		1,608.00
00086	E.J. Harrison & Sons Inc Acct#1C00054230	R	10/06/2021	3,547.03		044395		3,547.03
00095	FAMCON PIPE & SUPPLY FLGxMJ Valve & Romac - ENG Valve, Megalug & Romac - ENG Gaskets - PL Steel Pipe - LCRA Gaskets - PL	R R R R R	10/06/2021 10/06/2021 10/06/2021 10/06/2021 10/06/2021	1,607.14 906.26 58.99 2,145.00 152.30		044396 044396 044396 044396 044396		4,869.69
00099	FGL ENVIRONMENTAL Lake Nutrient Monitoring 08/06 Nitrate Monitoring 08/17/21 Nitrate Monitoring 08/24/21 Nitrate Monitoring 08/31/21 Travel Blank 08/31/21 Nitrate Monitoring 09/07/21 OWS-San Antonio TP Mn 09/07/21 OWS-San Antonio TP Mn 09/07/21	R R R R R R R R	10/06/2021 10/06/2021 10/06/2021 10/06/2021 10/06/2021 10/06/2021 10/06/2021 10/06/2021	3,439.00 43.00 43.00 43.00 100.00 61.00 30.00 15.00		044397 044397 044397 044397 044397 044397 044397 044397		3,774.00
00101	FISHER SCIENTIFIC Macconkey Agar Plates Return KCL Cond Std - LAB Macconkey Agar Plates	R R R	10/06/2021 10/06/2021 10/06/2021	37.07CR 75.61 37.07		044398 044398 044398		75.61
00104	FRED'S TIRE MAN Flat Repair - Unit 18	R	10/06/2021	20.00		044399		20.00
00106	FRONTIER PAINT Paint - MAINT	R	10/06/2021	64.22		044400		64.22
02720	Garda CL West, Inc. Armored Truck Service	R	10/06/2021	399.62		044401		399.62
00121	HACH COMPANY Reagents, Kemkeys, Buffer Kit	R	10/06/2021	1,417.46		044402		1,417.46

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01052	HARBOR FREIGHT TOOLS USA, INC							
I-962376	Jump Starter - LCRA	R	10/06/2021	70.01		044403		70.01
00369	HARRINGTON INDUSTRIAL PLASTICS							
I-013C0134	1/2" Union Conn Tube - TP	R	10/06/2021	27.33		044404		27.33
05879	Hogentogler & Co Inc							
I-0286028-IN	Laboratory Balance - LAB	R	10/06/2021	5,451.52		044405		5,451.52
00125	IDEXX DISTRIBUTION CORP							
I-3093184405	120 ml Vessel - LAB	R	10/06/2021	197.42		044406		197.42
04302	J&J Chemical Co.							
I-274968	Propaxx Elite - LCRA	R	10/06/2021	689.45		044407		689.45
09910	J.W. ENTERPRISES							
I-342152	CT Pumping - AVE 1PP	R	10/06/2021	76.50		044408		
I-342153	CT Pumping - VILLANOVA	R	10/06/2021	76.50		044408		
I-342154	CT Pumping - OVPP	R	10/06/2021	76.50		044408		
I-342155	CT Pumping - 4M PP	R	10/06/2021	76.50		044408		
I-342156	CT Pumping - GRAND AVE.	R	10/06/2021	76.50		044408		
I-342157	CT Pumping - 4M RES.	R	10/06/2021	76.50		044408		
I-342158	CT Pumping - SA PLANT	R	10/06/2021	153.00		044408		
I-342159	CT Pumping - UPPER OJAI RES.	R	10/06/2021	76.50		044408		
I-342160	CT Pumping - 3M PUMP	R	10/06/2021	76.50		044408		
I-342161	CT Pumping - SIGNAL RES.	R	10/06/2021	76.50		044408		
I-342162	CT Pumping - FAIRVIEW RES.	R	10/06/2021	76.50		044408		
I-342163	CT Pumping - CASITAS DAM	R	10/06/2021	76.50		044408		
I-342164	CT Pumping - RINCON TANK	R	10/06/2021	76.50		044408		
I-342165	CT Pumping - BATES RES.	R	10/06/2021	76.50		044408		1,147.50
02344	Janitek Cleaning Solutions							
I-42452A	Janitorial Service - TP	R	10/06/2021	2,477.95		044410		2,477.95
03460	Joe Martinez III							
I-092321	WWA Symposium Advance	R	10/06/2021	1,240.00		044411		1,240.00
00527	LINCOLN AQUATICS							
I-NH913038	Buffered Muriatic Acid - TP	R	10/06/2021	85.59		044412		85.59
00145	MAGNUM FENCE & SECURITY, INC.							
I-14021	Chainlink Fence @ MM Well - MA	R	10/06/2021	7,283.00		044413		7,283.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
05449	Matheson Tri-Gas, Inc. Liquid Oxygen - TP	R	10/06/2021	19,944.51		044414		19,944.51
02129	Tracy Medeiros 1102WC180000001 08/21-09/03/21	R	10/06/2021	580.00		044415		580.00
00151	MEINERS OAKS ACE HARDWARE Bleach & Wrench Set - PL	R	10/06/2021	37.07		044416		
	I-982044 Gloves - UT	R	10/06/2021	90.06		044416		
	I-982972 Bolts & Screws - FISH	R	10/06/2021	0.92		044416		
	I-982991 Phillips Bit - FISH	R	10/06/2021	5.31		044416		
	I-983120 Fittings - LCRA	R	10/06/2021	12.47		044416		145.83
05893	Meiners Oaks Nursery Sycamore Trees - LCRA	R	10/06/2021	1,531.40		044417		1,531.40
03724	Michael K. Nunley & Associates Mutual Well#7 Equipment - ENG	R	10/06/2021	2,016.23		044418		
	I-9651 West Ojai PL Eng Svcs - ENG	R	10/06/2021	538.69		044418		2,554.92
03444	Mission Linen Supply Uniform Pants - PL	R	10/06/2021	33.71		044419		33.71
03701	MNS Engineers, Inc. Santa Ana Bridge Design - ENG	R	10/06/2021	12,730.00		044420		
	I-78751 Dredging Robles Forbay - ENG	R	10/06/2021	13,943.75		044420		26,673.75
05892	Maggie Mojica Camping Cancellation - LCRA	R	10/06/2021	82.00		044421		82.00
00163	OFFICE DEPOT Copy Paper - ADM	R	10/06/2021	477.64		044422		477.64
01882	OJAI BASIN GROUNDWATER Quarterly Pumping Fee	R	10/06/2021	21,134.20		044423		21,134.20
00912	OJAI BUSINESS CENTER, INC Fedex Air - LAB	R	10/06/2021	125.26		044424		125.26
00165	OJAI LUMBER CO, INC Pole & Roller Cover - MAINT	R	10/06/2021	52.07		044425		52.07
00884	OJAI TERMITE & PEST CONTROL, I Monthly Rodent Service Reeves	R	10/06/2021	73.00		044426		73.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00168 I-300041450	OJAI VALLEY NEWS Ad 09/24/21	R	10/06/2021	150.00		044427		150.00
00383 I-4903	ON DUTY UNIFORMS & EQUIPMENT Pants - LCRA	R	10/06/2021	67.87		044428		67.87
05713 I-0123 I-0131 I-0133 I-0134	Pops Auto Repair Fuel Pump & AC - Unit 28 Water Pump & Radiator -Unit 44 AC System - Unit 41 Fuel Pump & Service - Unit 19	R R R R	10/06/2021 10/06/2021 10/06/2021 10/06/2021	2,499.11 1,667.58 1,000.00 1,944.10		044429 044429 044429 044429		7,110.79
00790 I-BI85004369F I-BI85005257B I-BI85005303A I-BI85005342A	PROFORMA Rain Suit - WP Loose Table - PR Canopy - PR Business Cards - ADM	R R R R	10/06/2021 10/06/2021 10/06/2021 10/06/2021	517.20 167.01 70.04 420.24		044430 044430 044430 044430		1,174.49
10042 I-10515 I-10516	PSR ENVIRONMENTAL SERVICE, INC Gas Tank Inspection - DO Gas Tank Inspection - LCRA	R R	10/06/2021 10/06/2021	230.00 230.00		044431 044431		460.00
02475 I-907886	Rutan & Tucker, LLP Acct#029518-0004 08/21	R	10/06/2021	135.95		044432		135.95
10246 I-385807	RYDIN DECAL Annual Decals - LCRA	R	10/06/2021	1,203.85		044433		1,203.85
02756 I-1969682-In	SC Fuels Gas - DO	R	10/06/2021	7,413.72		044434		7,413.72
00215 I-100421	SOUTHERN CALIFORNIA EDISON Acct#700029026585	R	10/06/2021	2,630.65		044435		2,630.65
02703 I-118278409-0001	Sunbelt Rentals Step Ladder - MAINT	R	10/06/2021	33.67		044436		33.67
02643 I-13265651	Take Care by WageWorks Reimburse Med/Dep Care	R	10/06/2021	104.24		044437		104.24
05896 I-100621	The Thacher School UB Refund	R	10/06/2021	899.92		044438		899.92

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
02527	Traffic Technologies LLC							
I-38912	Sign Stands and Rake - PL	R	10/06/2021	933.00		044439		933.00
01512	TRENCH SHORING COMPANY							
I-RI20138009	Trench Plate Rental - PL	R	10/06/2021	397.60		044440		397.60
00225	UNDERGROUND SERVICE ALERT							
I-920210096	CAS01 New Ticket - ENG	R	10/06/2021	292.15		044441		
I-dsb20204699	Regulatory Costs - ENG	R	10/06/2021	110.30		044441		402.45
00246	VENTURA COUNTY AIR POLLUTION							
I-NV23725-21	VCAPCD Settlement of Violation	R	10/06/2021	750.00		044442		750.00
02666	Ventura County Resource Conser							
I-060621	Watershed Coordinator 21-22	R	10/06/2021	1,365.00		044443		1,365.00
00257	VENTURA RIVER WATER DISTRICT							
I-093021	Acct#5-37500A	R	10/06/2021	122.97		044444		122.97
00247	County of Ventura							
I-321596	Encroachment Permit PE20-0569	R	10/06/2021	1,005.00		044445		
I-322706	Encroachment Permit PE21-0805	R	10/06/2021	170.00		044445		1,175.00
05028	Weck Analytical Environmental							
I-W111770-casitasmun	Mo Plant Effluent Spec. - LAB	R	10/06/2021	180.00		044446		180.00
04010	CALIFORNIA STATE DISBURSEMENT							
I-CS5202110041929	200000001181291	R	10/06/2021	386.30		044447		386.30
02823	Franchise Tax Board							
I-G08202110041929	STATE TAX GARNISHMENT	R	10/06/2021	500.00		044448		500.00
00124	ICMA RETIREMENT TRUST - 457							
I-DCI202110041929	DEFERRED COMP FLAT	R	10/06/2021	550.00		044449		
I-DI%202110041929	DEFERRED COMP PERCENT	R	10/06/2021	100.01		044449		650.01
00985	NATIONWIDE RETIREMENT SOLUTION							
I-CUN202110041929	457 CATCH UP	R	10/06/2021	480.77		044450		
I-DCN202110041929	DEFERRED COMP FLAT	R	10/06/2021	7,368.57		044450		
I-DN%202110041929	DEFERRED COMP PERCENT	R	10/06/2021	423.63		044450		8,272.97
1	CASE PACIFIC COMPANY							
I-000202109301927	US REFUND	R	10/06/2021	223.00		044451		223.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1	I-000202109301926							
	TORO ENTERPRISES, IN US REFUND	R	10/06/2021	72.00		044452		72.00
1	I-000202109301928							
	BYER, MICHAEL US REFUND	R	10/06/2021	37.73		044453		37.73

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	212	1,544,764.82	0.00	1,544,764.82
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	10	297,566.29	0.00	297,566.29
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	0.00

TOTAL ERRORS: 0

VENDOR SET: 01	BANK: AP	TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
			222	1,842,331.11	0.00	1,842,331.11
BANK: AP		TOTALS:	222	1,842,331.11	0.00	1,842,331.11
REPORT TOTALS:			222	1,842,331.11	0.00	1,842,331.11

Void Check #44076 - Lost in the mail

(580.00)
 \$1,841,751.11

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: 000032-000035

Voids:



Janyne Brown , Chief Financial Officer

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01662	TYLER TECHNOLOGIES, INC.							
I-025-346737	Adjudication Program - MGMT	R	9/22/2021	2,250.00		000032		2,250.00
01703	ARNOLD LAROCHELLE MATTHEWS							
I-4006	Adjudication Litigation 08/21	R	9/29/2021	4,392.00		000033		4,392.00
00270	Wells Fargo Bank							
I-091021d	Court Remot Appearance - MGMT	R	9/29/2021	15.00		000034		15.00
02475	Rutan & Tucker, LLP							
I-907885	Adjudication Litigation 08/21	R	10/06/2021	9,837.77		000035		9,837.77

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	4	16,494.77	0.00	16,494.77
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	0.00	

TOTAL ERRORS: 0

VENDOR SET: 01 BANK: ADJ TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
	4	16,494.77	0.00	16,494.77
BANK: ADJ TOTALS:	4	16,494.77	0.00	16,494.77
REPORT TOTALS:	4	16,494.77	0.00	16,494.77

Casitas Municipal Water District
Reimbursement Disclosure Report (1)
Fiscal Year 2021/22
July 1, 2021-June 30, 2022

<u>Date paid</u>	<u>Board of Director/Employee</u>	<u>Description</u>	<u>Amount Paid</u>
7/14/2021	Scott Lewis	Fisheries Supplies	\$ 222.44
7/14/2021	Scott Lewis	Car Rental 06/04-06/17	\$ 1,217.44
7/14/2021	Scott Lewis	Hotel 06/06-06/16	\$ 957.00
7/14/2021	Brian Taylor	Hotel 06/20-06/24	\$ 858.94
7/14/2021	Aaron Wall	ARC Lifeguard Instructor Review	\$ 120.00
7/21/2021	Jesus Garcia	Safety Boot Stipend	\$ 170.00
7/21/2021	David Pope	Work T-Shirts	\$ 204.85
7/28/2021	Corban Suggs	Tuition Reimbursement	\$ 319.00
8/11/2021	Gonzalo Carbajal-Ramirez	Safety Boot Stipend	\$ 170.00
8/11/2021	Ramiro Garcia	Safety Boot Stipend	\$ 170.00
8/11/2021	Vincent Godinez	Safety Boot Stipend	\$ 170.00
8/11/2021	Spencer Hair	Safety Boot Stipend	\$ 170.00
8/11/2021	Gerardo M Herrera	Safety Boot Stipend	\$ 170.00
8/11/2021	Eric Lara	Safety Boot Stipend	\$ 170.00
8/11/2021	Mario Mariscal	Safety Boot Stipend	\$ 170.00
8/11/2021	Luis Mejia	Safety Boot Stipend	\$ 170.00
8/11/2021	David Pope	Safety Boot Stipend	\$ 170.00
8/11/2021	Edgar Ramos Jr.	Safety Boot Stipend	\$ 170.00
8/11/2021	Michael Robles	Safety Boot Stipend	\$ 170.00
8/11/2021	Jose Ruiz	Safety Boot Stipend	\$ 170.00
8/11/2021	Brian Taylor	Safety Boot Stipend	\$ 170.00
8/18/2021	Gerardo M Herrera	Class Expenses	\$ 168.00
8/25/2021	Luke Soholt	Property Taxes Damtender's Residence	\$ 386.26
9/22/2021	Michael Gibson	Private Vehicle Mileage	\$ 122.64
9/22/2021	Scott Lewis	Hotel 08/14/21-08/25/21	\$ 1,105.94
9/22/2021	Scott Lewis	Car Rental 08/13/21-08/26/21	\$ 1,533.05
10/6/2021	Lindsay Cao	CWEA Renewal	\$ 192.00
10/6/2021	Joel Cox	Distribution 4 Certification	\$ 235.00
10/6/2021	Joe Martinez III	WWA Symposium - Advance	\$ 1,240.00

1) Reimbursement Disclosure Report prepared pursuant to California Government Code 53065.5

Minutes of the Casitas Municipal Water District
Board Meeting Held
September 22, 2021

A meeting of the Board of Directors was held September 22, 2021. 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

Mr. Flood requested to pull items 6 b and 6 g and bring back in October.

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 September 8, 2021 Board Meeting
[9 08 2021 Min.pdf](#)

5.c. Minutes of the September 16, 2021 Special Meeting.
[9 16 2021 Special Meeting Min.pdf](#)

The Consent agenda was offered by Director Bergen, seconded by Director Kaiser 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. [Approval of revisions to the Casitas Water Adventure Coordinator Job Description. Board Memo on CWA Coordinator Job Description Update](#)

[092221.pdf](#) CWA Coordinator Job Description 2021 092221
[ATT1.pdf](#)

On the motion of Director Kaiser, seconded by Director Cole, 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.b. Approval of an unbudgeted item in the amount of \$90,000.00 for the purchase of five (5) prefabricated camping cabins for installation at the Lake Casitas Recreation Area.
[Board Memo on the LCRA Camping Cabin Project 092221.pdf](#)

This item was tabled to a future meeting.

- 6.c. Approval of an increase of \$10,000.00 to the Conservation Department budget for the California Water Efficiency Partnership (CalWEP) Smart Rebates Program. [CMWD Board Memo 9.22.21 Smart Rebates Prog.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. Approval of a payment to Toro Enterprises for Casitas MWD Change Orders #2,#3,#4,#10,#20 and #21 in the amount of \$15,151.83 for the Grand Ave. Water Line Pipeline Replacement Project - Casitas MWD Specification No. 20-436.
[Board Memo on Toro CO 2-3-4-10-20-21 092221.pdf](#)

On the motion of Director Cole, seconded by Director Hajas, 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.e. Approve Change Order #5 to Toro Enterprises, Inc for Grand Avenue Pipeline Replacement (Spec No 20-436).
[Board Memo for Change Order 5.pdf](#)

On the motion of Director Bergen, seconded by Director Hajas, 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.f. Review and possible award of a consultant contract for the 2021 Casitas MWD Water Cost of Service and Rate Design Study.
[Board Memo Water Rate Study 092221.pdf](#)
[Hildebrand 2021 Rate Study Proposal for Casitas ATT1.pdf](#)
[BWA Proposal to Casitas MWD for Water Rate Study 2021 ATT2.pdf](#)

On the motion of Director Cole, seconded by Director Kaiser the board chose Hildebrand as the consultant for the Water Cost of Service and Rate Design Study. This was approved by the following roll call vote:

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

- 6.g. Ventura-Santa Barbara Counties Intertie Amendment to Agreements for Professional Services for Water Works Engineers, LLC. and Rincon Consultants.
[Board Memo VTA SB Intertie.pdf](#)

This item was tabled to a future meeting.

- 6.h. Designation of Casitas Real Property Negotiator General Manager Mike Flood for the listed properties and individuals that the negotiator may negotiate with.
APNs: 023-0-010-13 - OVIS LLC; APN 028-0-073-01 - For Real LLC.

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.i. Award the contract for the Santa Ana Bridge Pipeline Replacement, Specification No. 20-434, to Toro Enterprises in the amount of \$299,616.00, and the President of the Board execute an agreement for said work.
[Santa Bridge_BM_0922_2021_Award.pdf](#)

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

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

ABSENT: Directors: None

7. DISCUSSION ITEMS/PRESENTATIONS

- 7.a. Review and Discussion of the Casitas MWD Water Efficiency and Allocation Program (WEAP): Annual Residential Allocation Implementation Factors and Demands & Allocations by Customer Class.
[Board Memo on WEAP Revisions 092221.pdf](#)
[WEAP_Board_Presentation_092221 ATT1.pdf](#)

AGM Dyer provided the presentation on the annual residential allocation implementation factors and demands and allocations by customer class. The board discussed various issues related to allocations, tiered rates and the penalty program.

Burt Handy commented that the state is looking at evaluating outdoor versus indoor water use. The state is making decisions on how they determine the outside water allocation. They did flyovers and google maps and figured out greenery and some determination. You should consider it when doing allocations.

8. INFORMATION ITEMS

- 8.a. Recreation Committee Minutes.
[Rec Minutes 091321.pdf](#)
- 8.b. Monthly Engineering Report.
[Monthly Engineering Report.pdf](#)
- 8.c. Monthly Hydrology Report for July and August 2021.
[2107 July 2021.pdf](#)
[2108 August 2021.pdf](#)

On the motion of Director Kaiser, seconded by Director Cole, the Information item were approved by the following roll call vote:

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

9. GENERAL MANAGER COMMENTS

Mr. Flood reported on interviews with the Ojai Valley News and the Ventura County Star regarding the decommissioning of the Water Playground. An event at Coyote ramp will be held in November and Mr. Flood provided a reminder of his vacation.

10. BOARD OF DIRECTOR REPORTS ON MEETINGS ATTENDED

President Brennan attended the AWA water issues meeting and reminded the board of the AWA event on September 30th.

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

Director Hajas commented that the Ojai Basin GSP first draft will be available on September 30th.

President Brennan moved the meeting to closed session at 6:30 p.m.

12. CLOSED SESSION

- 12.a. Conference with Real Property Negotiators pursuant to California Government Code Section 54956.8 for APN 023-0-010-13 - OVIS LLC and APM 028-0-073-01 - For Real LLC.
District Negotiator: General Manager, Mike Flood.
- 12.b. 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.
- 12.c. Conference with Labor Negotiators (Govt. Code Sec. 54957.6)
Agency Designated Representatives: Diana Impeartrice
Employee Organization: Supervisory & Professional, General Unit and Recreation Unit.
- 12.d. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED/POTENTIAL LITIGATION
Government Code Section 54956.9 (b)
Number of potential cases: 1

President Brennan moved the meeting back to open session at 7:29 p.m. with Mr. Mathews stating the board met in closed session with general and special counsel. Direction was given on item 12 a, and there was no reportable action on 12 b, c, or d.

13. ADJOURNMENT

President Brennan adjourned the meeting at 7:30 p.m.

Neil Cole, Secretary

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL FLOOD, GENERAL MANAGER
SUBJECT: ADOPTION OF A RESOLUTION PROCLAIMING A LOCAL EMERGENCY, RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY EXECUTIVE ORDER, AND AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF CASITAS MUNICIPAL WATER DISTRICT PURSUANT TO BROWN ACT PROVISIONS.
DATE: 10/13/21

RECOMMENDATION:

It is recommended the Board of Directors adopt the resolution.

BACKGROUND:

The purpose of the resolution is to authorize and direct the General Manager and legislative bodies of Casitas Municipal Water District to take all actions necessary to carry out the intent and purposes of this Resolution including conducting open and public meetings in accordance with Government Code section 54953 (e) and other applicable provisions of the Brown Act.

On March 4, 2020, California Governor Newsome issued a Proclamation of a State of Emergency. Subsequently, a series of Executive Orders were issued including N-25-20, N-29-20, and N-35-20 which modified the requirements of the Ralph M. Brown Act, the local public agency meeting law. On June 11, 2021, the Governor issued Executive Order No. n-08-21 which extended these prior modifications to the Brown Act through September 30, 2021.

The legislature worked on Assembly Bill AB361 to amend or modify Brown Act requirements and AB361 was signed into law on September 16, 2021.

Beginning October 1, 2021, remote meetings must transition from the authority of the Governors Executive Orders to the authority established under AB361. Meetings after October 1, 2021 must be conducted under standard Brown Act provisions such as meeting in person or teleconferencing and adhering to the requirement of subdivision (b) of California Government Code Section 52953 as they existed pre-pandemic, or be conducted under the newly enacted provisions of AB 361 to conduct a remote teleconference meeting without adhering to the standard requirement of paragraph (3) of subdivision (b) of 54953.

In accordance with AB 361, if a local agency seeks to continue conducting meeting of its legislative body in a teleconference manner (via Zoom) it must adopt a resolution that includes the findings specified in AB 361. If adopted the resolution will take effect immediately and will be effective until the earlier of November 12, 2021, or until such time that the Board of Directors takes subsequent action by resolution or motion to extend the period during which the legislative bodies of the District may continue to teleconference without compliance with standard Brown Act requirements.

RESOLUTION NO. 2021-XX

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CASITAS MUNICIPAL WATER DISTRICT PROCLAIMING A LOCAL EMERGENCY, RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY EXECUTIVE ORDER, AND AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF CASITAS MUNICIPAL WATER DISTRICT FOR THE PERIOD OCTOBER 13, 2021 TO NOVEMBER 12, 2021 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 provisions 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, such conditions now exist in the District, specifically as established by a State of Emergency declaration issued by Governor Gavin Newsom on March 4, 2020 which is still in force and effect; and

WHEREAS, based on the existing State of Emergency declaration issued by Governor Gavin Newsom, and Ventura County Health Officer Orders issued on August 20, 2021 and September 17, 2021 meeting in person would present imminent risk to health and safety of attendees by creating conditions that could cause and/or contribute to the spread of COVID-19; and

WHEREAS, the Board of Directors does hereby find that the State of Emergency, 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 proclaim a local emergency and ratify the proclamation of state of emergency by the Governor of the State of California and state and local orders for social distancing; and

WHEREAS, as a consequence of the local emergency, the Board of Directors does hereby find that the legislative bodies of Casitas Municipal Water District shall 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 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 and telephonic 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. Proclamation of Local Emergency. The Board hereby proclaims that a local emergency now exists throughout the District, based on the existing State of Emergency declaration issued by Governor Gavin Newsom, and Ventura County Health Officer Orders issued on August 20, 2021 and September 17, 2021, and meeting in person would present imminent risk to health and safety of attendees by creating conditions that could cause and/or contribute to the spread of Covid-19.

Section 3. 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, conducting 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) November 12, 2021, 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 13th day of October, 2021.

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 FLOOD, GENERAL MANAGER
SUBJECT: CLAIM OF DAMAGES TO RECREATIONAL TRAILER BY JENNIFER AND AN TAR RON.
DATE: 10/13/21

RECOMMENDATION:

It is recommended the Board of Directors review and reject the claim.

BACKGROUND:

On August 6, 2021 an oak tree fell on a trailer located at Lake Casitas Recreation Area Campground Bass-51. The guests were not present at the site at the time of the incident. The tree was removed by staff and contact was made with the trailer owner who was supplied with a claim form.

A claim form dated 8/16/2021 was provided to the District for a broken window, awning and roof damage, scrapes and dents to exterior, back rack damage and left taillight damage. An estimate for repair was provided and a receipt in the amount of \$130 for the estimate paid by Antar Ron and shows the insurance is provided by AAA. Estimates for repair are \$9,920.54.

In conversation and emails Mr. Ron states that his insurance will be covering the claim, minus a deductible, and that what he is seeking from the district is payment for living expenses while the trailer is being repaired. The claimants live full time in their trailer. At the time of the last conversation the work on the trailer had not been completed as the repair shop was still waiting for parts. Mr. Ron's insurance has provided their Estimate of Record and show that the deductible of \$250 has been paid by Mr. Ron. No information has been provided on the estimate for living expenses or hotel costs with the last email from Mr. Ron commenting that if the District will pay for a hotel when they start working on the trailer it will be the pick of you guys to choose the hotel.

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL FLOOD, GENERAL MAARNAGER
SUBJECT: REJECT ALL BIDS FOR MARION WALKER PRESSURE FILTRATION
PLANT OPERATIONS BUILDING EXPANSION, SPECIFICATION NO. 21-
441
DATE: 10/13/2021

RECOMMENDATION:

- Reject all bids for Marion Walker Pressure Filtration Plant Operations Building Expansion, Specification No. 21-441.

BACKGROUND AND DISCUSSION:

The Marion Walker Pressure Filtration Plant Operations Building Expansion, Specification No. 21-441, project includes installation of a pre-fabricated building along with associated demolition, foundation, wet utilities, and electrical.

Two bids were received at the bid opening on September 7, 2021. Table 1 shows a summary of the bids received.

Table 1 – Bid Summary

Bidder	Total Bid
G2K Construction	\$398,888
Schock Contracting Corporation	\$412,483

These bids are much higher than the architect's estimate of \$150,000 and it is recommended the bids be rejected.

FINANCIAL IMPACT:

The fiscal year 2021-22 budget includes \$150,000.00 for the project, which was based on the architect's estimate in 2019. The costs and lead time for pre-fabricated buildings have increased substantially since then.

Attachments: Detailed Bid Analysis

CASITAS MUNICIPAL WATER DISTRICT

1055 VENTURA AVENUE

Oak View, CA 93022

(805) 649-2251

SPEC 21-441

Project: Marion Walker Pressure Filtration Plant Operations Building Expansion

Bid: 9/7/21 3:00 PM

G2K Construction Inc.
Lic.#940662;
28348 Roadside Dr. Ste 205
Agoura Hills, CA 91301

Schock Contracting Corporation
Lic.#691211;
P.O. Box 61505
Santa Barbara, CA 93160

ITEM#	DESCRIPTION	APROX. QTY	UNIT	BID UNIT PRICE	TOTAL AMOUNT	BID UNIT PRICE	TOTAL AMOUNT
1	Mobilization	1	LS	\$ 99,888.00	\$ 99,888.00	\$ 23,364.00	\$ 23,364.00
2	Demolition	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 23,805.00	\$ 23,805.00
3	WPCP	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 3,643.00	\$ 3,643.00
4	Subgrade Utilities	1	LS	\$ 45,000.00	\$ 45,000.00	\$ 12,311.00	\$ 12,311.00
5	Earthwork	1	LS	\$ 6,000.00	\$ 6,000.00	\$ 10,600.00	\$ 10,600.00
6	Structural Backfill	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 18,613.00	\$ 18,613.00
7	Structure	1	LS	\$ 197,000.00	\$ 197,000.00	\$ 277,642.00	\$ 277,642.00
8	Electrical and Instrumentation	1	LS	\$ 35,000.00	\$ 35,000.00	\$ 29,750.00	\$ 29,750.00
9	Protect/Replace Landscaping	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 2,597.00	\$ 2,597.00
10	System Startup	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 4,515.00	\$ 4,515.00
11	O&M Manuals	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 5,643.00	\$ 5,643.00
BASE BID TOTAL AMOUNT FOR BID ITEMS 1 THROUGH 11				\$	398,888.00	\$	412,483.00
DIVISION OF WORK OR TRADE				SUBCONTRACTOR		SUBCONTRACTOR	
				Matador Construction		Coastal Demo Inc	
				Vanguard Painting		Pacific Interiors Enterprises	
				A&N Plumbing		Oilfield Electric & Motor	
				Innovated HVAC Solutions		Vista Steel	
				Fire Safe Group Inc			
				TelComCan - US			
				General Coast Contractors			

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL FLOOD, GENERAL MANAGER
SUBJECT: AMENDMENTS TO PROFESSIONAL SERVICES AGREEMENTS FOR VENTURA-SANTA BARBARA COUNTIES INTERTIE
DATE: 10/13/2021

RECOMMENDATION:

- Approve and amend the agreement for professional environmental consulting services with Water Works Engineers, LLC, for the Ventura-Santa Barbara Counties Intertie for a fee increase not to exceed \$1,613,561.00 for a total fee of \$2,376,320.00.
- Approve and amend the agreement for professional environmental consulting services with Rincon Consultants, Inc., for the Ventura-Santa Barbara Counties Intertie for a fee increase not to exceed \$53,355.00 for a total fee of \$243,728.00.

BACKGROUND AND DISCUSSION:

The Ventura-Santa Barbara Counties Intertie project includes approximately 8,200 feet of 16-inch pipeline and a two booster pump stations to connect the Carpinteria Valley Water District (CVWD) and Casitas systems. The Board received a presentation of project status at their Special meeting of July 27, 2021.

Engineering Services. In February 2019, the Board approved an agreement with Water Works Engineers, LLC (WWE) for preliminary engineering, design, assistance during bidding, permitting support, and engineering services during construction for the project in the amount of \$762,759.00. Preliminary design was completed in July 2019. The project was put on hold during 2020. In December 2020, the District received acceptance from the California State Water Resources Control Board (SWRCB) for a \$15,520,270 loan under the Drinking Water State Revolving Fund (DWSRF) Additional Supplemental Appropriations for Disaster Relief Act (ASADRA) program. The District gave WWE direction to proceed with design. During design development, several changes to the original concept have arisen, necessitating an amendment to WWE's agreement. These changes include:

- Booster Pump Station A (BPS-A) Location and Facilities
- New Pressure Reducing Facility serving the Balancing Reservoirs
- New Booster Pump Station B (BPS-B)
- Rincon Chlorination Station Rehabilitation
- Existing Pipeline Replacement or Rehabilitation
- Revised Rincon Pipeline-CMWD Tie-in Scheme

- New Dechlorination Chemical Storage and Feed Facility at Crest of Lake Casitas Dam
- Analysis of Water Quality Impacts

The District requested WWE prepare an amendment for engineering design services to incorporate these changes. WWE provided the attached amendment request in the amount of \$1,613,561.00 to provide additional design engineering and bid phase services. This amendment increases the total budget for WWE's services from \$762,759.00 to \$2,376,320.00. A revised project schedule is also provided.

Environmental Services. The Board approved an agreement with Rincon Consultants, Inc. (Rincon) in March 2019 to provide environmental consulting services, including the preparation of an Initial Study-Mitigated Negative Declaration (IS-MND) in compliance with the California Environmental Quality Act (CEQA). An amendment was approved in July 2019 to include revisions to the pipeline alignment, additional pump station, and additional meetings and coordination.

The Public Draft IS-MND was released for public comment on March 29, 2021. The IS-MND was not adopted by the Board as it became apparent the design changes necessitated revision to the IS-MND and re-release for public review and comment.

Rincon has submitted an amendment request in the amount of \$53,355 to provide services to update the IS-MND document with the identified design changes and updated environmental assessments to meet funding requirements. Permitting assistance is also included. This amendment increases the total budget for Rincon's services from \$190,373 to \$243,728. It is anticipated the revised IS-MND will be prepared in approximately three months. After the public review period of 30 days, it is expected the Board would adopt the IS-MND in April 2022.

BUDGET IMPACT:

The budget for fiscal year 2021-22 includes \$1,000,000 for the project, which is anticipated to be sufficient for expenditures this fiscal year.

Attachments:

- Amendment No. 1 Design Engineering Services, Water Works Engineers, LLC
- Amendment No. 4 Environmental Consulting Services, Rincon Consultants, Inc.



AMENDMENT NO. 1

ENGINEERING DESIGN SERVICES WITH

WATER WORKS ENGINEERS, LLC

FOR VENTURA-SANTA BARBARA COUNTIES INTERTIE

This Amendment No. 1 to Agreement for Engineering Design Services is made and entered into as of this 13th day of October, 2021 ("Effective Date") by and between Casitas Municipal Water District (Casitas or District) and Water Works Engineers, LLC. (Consultant) whose address is 760 Cypress Ave, Suite 201, Redding CA 96001, and is made with reference to the following:

RECITALS

- A. On February 27, 2019, District and Consultant entered into a Professional Services Agreement (Agreement) for design engineering services for the Ventura-Santa Barbara Counties Intertie project (Project).
- B. District desires to enter this Amendment No. 1 to reflect additional services not included in the Agreement and to extend the term of the Agreement to December 31, 2024, and to increase the total compensation.
- C. District and Consultant mutually desire to amend the Agreement as provided below.

NOW, THEREFORE, it is mutually agreed by and between the undersigned parties as follows:

1. SCOPE OF SERVICES

Section 3 of the Agreement shall be supplemented to include Amendment Request No. 1 to Provide Additional Engineering Design Services for the Ventura – Santa Barbara Counties Intertie Project dated September 16, 2021, which is attached hereto as Exhibit A and incorporated herein by reference.

2. FEE FOR SERVICES

The second paragraph of Section 4 shall be replaced in its entirety with the following: The total fee for services shall not exceed \$2,376,320.00 without prior written consent of the District.

3. INTEGRATED CONTRACT

Except as expressly modified herein, all other provisions, terms, and covenants set forth in the Agreement shall remain unchanged and shall be in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Amendment to be executed on the day and year first above written.

ATTEST:

Secretary
Casitas Municipal Water District

CASITAS MUNICIPAL WATER DISTRICT

By: _____

Casitas Municipal Water District

APPROVED AS TO FORM:

John M. Mathews, Attorney
Arnold La Rochelle Mathews VanConas & Zirbel, LLC

WATER WORKS ENGINEERS, LLC

By: _____

Title: _____

Printed Name: _____

**Amendment No. 1
September 16, 2021**

Water Works Engineers and Casitas Municipal Water District

**Ventura County/Santa Barbara County Water Intertie:
Additional Engineering Services**

This Amendment No. 1 is issued by Casitas Municipal Water District (herein referred to as CLIENT) and accepted by Water Works Engineers (herein referred to as ENGINEER) pursuant to the mutual promises, covenants and conditions contained in the Agreement for Engineering Design Services (Agreement) dated February 27, 2019, between Casitas Municipal Water District and Water Works Engineers.

PROJECT DESCRIPTION

The project specifics are as follows:

Location	Carpinteria, CA
Facility Name	Ventura-Santa Barbara Counties Intertie
Facility Type	Potable Water Main, Pump Station, and Disinfectant Boosting Facilities
Modified Facilities/ Added Improvements	<p>A summary of the additional/modified facilities included in this Amendment No. 1 from the facilities included originally in the Agreement are as follows:</p> <ul style="list-style-type: none"> • Booster Pump Station A (BPS-A) Changes (10-cfs or 4,500-gpm) • New Pressure Reducing Facility serving the Balancing Reservoirs • Rincon Control Reservoir – Bypass, vent, and surge facilities • New Booster Pump Station B <ul style="list-style-type: none"> ○ Bi-directional Pump Station (10-cfs or 4,500-gpm), including: <ul style="list-style-type: none"> ○ Three 250-hp vertical turbine pumps w/ VFDs ○ CMU blockwall building (420-SF) ○ Motor Control Center (MCC) ○ Medium voltage power supply • Rincon Chlorination Station Rehabilitation • Rincon Vent - Bypass, vent, and surge facilities • Existing Pipeline Replacement • Revised Rincon Pipeline-CMWD Tie-in Scheme • New Dechlorination Chemical Storage and Feed Facility at Crest of Lake Casitas Dam

Project Objectives	<ul style="list-style-type: none"> • Provide Basis of Design Report including supporting technical memoranda covering the topics of: <ul style="list-style-type: none"> ○ Pipeline Intertie Operational Scenarios ○ Updated Pipeline and Booster Pump Station Conveyance Facs. ○ Water Quality Study and Recommendations ○ Lake Casitas/Marion Walker Water Treatment Plant Tie-in Facs. • Final Design - Complete final design of added pipeline and chemical feed facilities with focus on cost effectiveness; long term quality and viability; and schedule compliance. • Provide field and office support for additional facility final design, including: <ul style="list-style-type: none"> ○ Geotechnical ○ Survey ○ Rincon Pipeline condition assessment ○ Surge ○ Pipeline Corrosion Protection ○ Existing utility research and potholing ○ Water Quality Evaluation and Testing
---------------------------	---

SCOPE

The following services will be provided by ENGINEER. This Amendment No. 1 has been split into subtasks, matching the prior Agreement format, as follows:

Subtask	Title
1	Project Management
2	Final Design and Contract Documents – (60%, 90%, 100%, and Final Bid Submittals)
3	Engineering Assistance During Bidding
5	Permitting Support

Subtask 1 – Project Management

Under this subtask, ENGINEER will monitor and track the project budget and schedule to ensure that all deadlines are met and that the project budget is not exceeded. ENGINEER will coordinate with the project team to address items such as project schedule, project budget, and current issues of concern. ENGINEER will also monitor progress and coordinate the activities being performed by all sub-consultants associated with the project and submit monthly invoices to the CLIENT. The following will be performed under this subtask:

- 1) Project Communication and Control
 - a) Coordination of all project team activities
 - b) Communication of project progress and issues to CLIENT staff
 - c) Project schedule maintenance and control of project tasks to keep project schedule on track
 - d) Cost tracking of all engineering activities and active cost control of fees.
- 2) Quality Assurance/Quality Control
 - a) Implement Quality Assurance/ Quality Control Policy

Meetings	<ul style="list-style-type: none"> • Weekly Progress Meetings (1-hr; Virtual Screenshare/Teleconference)
Deliverables	<ul style="list-style-type: none"> • Monthly Invoices (by email)

Subtask 2: Final Design and Contract Documents

ENGINEER will prepare the necessary contract documents (construction plans, typical details, specifications, and cost estimates) for the project, based on the design criteria and recommendations, input from CLIENT staff, and in conformance with CLIENT's standards and specifications for equipment preferences. ENGINEER will provide the same Final Design and Contract Documents services for the additional/modified facilities presented in this Amendment No. 1 as provided in Task Order No. 1.

A summary of the additional/modified facilities included in this Amendment No. 1 from the facilities included originally in Task Order No. 1 are as follows:

- 1) Booster Pump Station A (BPS-A) Changes
 - a) Site Relocation, ~~Permanent SHC Storage and Feed Facilities~~, locate pumps indoors in CMU blockwall building
- 2) New Pressure Reducing Facility serving the Balancing Reservoirs
 - a) New automated 21" pressure/flow control valve, vault, and controls
- 3) New Booster Pump Station B (BPS-B)
 - a) Bi-directional Pump Station (10-cfs or 4,500-gpm), including:
 - b) Three 250-hp vertical turbine pumps w/ VFDs
 - c) CMU blockwall building (420-SF)
 - d) Motor Control Center (MCC)
 - e) Medium voltage power supply
- 4) Rincon Chlorination Station Rehabilitation
 - a) Sodium Hypochlorite Feed Facility (2,000-gallons of storage; feed pumps; fire sprinklers)
- 5) Existing Pipeline Replacement
 - a) Replace approx. 2,500-LF (8 locations) of existing 16"-21" pipeline (pipeline pressure rating exceeded)
- 6) Revised Rincon Pipeline-CMWD Tie-in Scheme
 - a) ~~Rincon Pump Station Bypass Piping (100-LF) and Pressure Reducing Station (Task Order No. 1)~~
 - b) Pressure Reducing Station, 550-LF of 16" Piping to Influent of WTP, and Backflow Preventer Piping/Valves
 - c) New Coagulant and Ferric Chloride Chemical Feed Pumps
- 7) New Dechlorination Chemical Storage and Feed Facility at Crest of Lake Casitas Dam
 - a) CMU Blockwall Building on grade (150-SF) with 500-gallon storage tank and chemical feed pumps

Subtask 2.0 – Basis of Design

ENGINEER will collect and review results of records research; Stakeholder meetings, geotechnical; easement and property boundary and utility coordination information (as available); site reconnaissance, and water quality study information to finalize design criteria and constraints necessary to perform the Final Design of the Project. ENGINEER shall produce a Basis of Design Report (BODR) which includes the findings and recommendations of four technical memoranda (TMs), as follows:

Subtask 2.0.1 – Operational Constraints TM

ENGINEER shall produce an Operational Constraints Technical Memorandum (TM1) which includes, at a minimum, the following information:

- 1) Project Introduction – Background, purpose, and project objectives
- 2) Project Constraints - System flows, water quality, and regional water practices (as communicated by CLIENT)

- 3) Operational Scenarios
 - a) Operational Scenario Development
 - i) Scenario 0 - Current Operation
 - ii) Scenario 1 - Future Normal Operation
 - iii) Scenario 2 - Water Transfers from Carpinteria Valley WD to Casitas MWD
 - iv) Scenario 3 - Water Transfers from Casitas MWD to Carpinteria Valley WD
 - b) Operational Scenario Alternatives – including basis, description, and figures
- 4) Operational Scenario Comparison and Recommendations
 - a) Operational Scenario Alternatives Analysis
 - b) Comparison and Recommendation of Preferred Operational Scenarios

TM1 will be produced in Draft form, reviewed with the CLIENT at a review meeting, and comments from the CLIENT addressed in the Final TM1.

Subtask 2.0.2 – Updated Pipeline and Booster Pump Station Conveyance Facilities TM

ENGINEER shall produce an Updated Pipeline and Booster Pump Station Conveyance Facilities Technical Memorandum (TM2) which includes, at a minimum, the following information:

- 1) Project Introduction – Background, purpose, and project objectives
- 2) Rincon Pipeline
 - a) Description
 - b) Constraints
 - c) Design Parameters
 - d) Hydraulic Analysis
 - e) Pipeline Condition Assessment
 - f) Pipeline Design Alternatives
 - g) Ancillary Pipeline Facilities
 - h) Pipeline Design Conclusions and Recommendations
- 3) Booster Pump Stations (BPS-A and -B)
 - a) Location and Function
 - b) Design Parameters
 - c) Conclusions and Recommendations
- 4) Miscellaneous Facility Improvements - including description, summary table, and figures
 - a) Rincon Balancing Reservoirs – Mechanical improvements
 - b) Rincon Control Reservoir – Bypass, vent, and surge facilities
 - c) Rincon Chlorination Station
 - d) Rincon Vent - Bypass, vent, and surge facilities
 - e) Pressure Reducing Stations
 - f) Customer Meter Improvements
 - g) Cathodic Protection

Subtask 2.0.3 – Water Quality Study and Recommendations TM

ENGINEER shall produce a Water Quality Study and Recommendations Technical Memorandum (TM3) which is primarily comprised of the reports provided by WQTS from Subtask 2.1.8 - Water Quality Evaluation and Testing, including:

- Phase 1 Technical Workshop Technical Memorandum (Elec.; .pdf)
- Final Bench-Scale Testing Technical Memorandum (Elec.; .pdf)
- Final Water Compatibility Desktop Analysis Technical Memorandum (Elec.; .pdf)

Technical Memorandum 3 will be assembled by ENGINEER to include (1) a summary of the 3 reports provided by WQTS in Subtask 2.1.8 and (2) the resultant chemical feed and control facility recommendations into a single summarized document for use in the BODR.

Subtask 2.0.4 – Lake Casitas/Marion Walker Pressure Filtration Plant Tie-in Facilities TM

ENGINEER shall produce a Lake Casitas/Marion Walker Pressure Filtration Plant Tie-in Facilities Technical Memorandum (TM4) which includes, at a minimum, the following information:

- 1) Project Introduction – Background, purpose, and project objectives
- 2) Rincon Main to WTP Influent Pipeline – includes pipeline, backflow prevention, and tie-in
 - a) Description
 - b) Constraints
 - c) Design Parameters
 - d) Hydraulic Analysis
 - e) Design Alternatives (total of 2)
 - f) Ancillary Pipeline Facilities
 - g) Pipeline Design Recommendations
- 3) Chemical Feed Facilities – includes coagulant, ferric chloride, and dechlorination feed systems
 - a) Description
 - b) Constraints
 - c) Design Parameters
 - d) Instrumentation and Controls
 - e) Design Alternatives (total of 2 for each)
 - f) Ancillary Systems
 - g) Design Recommendations

Subtask 2.0.5 – Basis of Design Report

ENGINEER will utilize the Preliminary Design Report, meetings notes from stakeholder meetings, and TM Nos. 1-4 to formalize the basis of the Final Design efforts for the Project. ENGINEER shall produce a Basis of Design Report (BODR) which includes, at a minimum, the following information:

- 1) Introduction and Background
- 2) Design Criteria
 - a) Operational Scenarios
 - b) Pipeline
 - c) Pump Stations
 - d) Water Quality
 - e) Chemical Feed Facilities
 - f) Controls
- 3) Project Description
 - a) Process Description/Process Flow Diagram
 - b) Hydraulic Calculations/Hydraulic Profile
 - c) Major Equipment Description
 - d) Process Control System
 - e) Facility Layout/Equipment Layout
 - f) Site Plan
 - g) Ancillary Systems
 - h) Site Access

- 4) Construction Sequencing
- 5) Traffic Control Discussion / Figure / Schematic (if needed)
- 6) Permitting Requirements
- 7) Preliminary Construction Schedule
- 8) Updated Preliminary (30%) Drawings
- 9) Opinion of Probable Construction Cost (50% contingency level)

The Basis of Design Report will be formatted to meet funding application submittal requirements, if needed, as requested by CLIENT. Each TM and the BODR will be presented to CLIENT at individual workshops. Following each workshop, the CLIENT will have a 10-day review period to provide any additional comments which were not brought forward in the associated workshop. Each TM and the BODR will be finalized after receiving CLIENT comments.

Meetings	<ul style="list-style-type: none"> • Draft Technical Memorandum Nos. 1-4 Workshops (Total of 4; 2-hrs.; Virtual) • Draft Basis of Design Report Workshop (3-hrs.; Virtual)
Deliverables	<ul style="list-style-type: none"> • Draft and Final Technical Memorandum Nos. 1-4 (Total of 8 Deliverables; Elec., .pdf) • Draft and Final Basis of Design Report (Elec.; .pdf) • Workshop Presentation and Meeting Notes (Elec.; .pdf)

Subtask 2.1 – Design Support Services

Subtask 2.1.1 – Geotechnical Design Services

Geotechnical engineering subconsultant, Bajada Geosciences, Inc., (BAJADA) will provide the following services for the added (1) Balancing Reservoir PRV Facility, (2) 2,500-LF of Rincon Main replacement piping, (3) New Booster Pump Station B, (4) 550-LF of piping and treatment/valve facility near the WTP, and (5) the Dechlorination Facility and associated dam intake piping at the crest of the dam.

- 1) Pre-Exploration
- 2) Subsurface Exploration - Advance up to eight (8) drill holes for these improvements.
- 3) Laboratory Testing - Perform laboratory tests for the project similar to those performed under TO1
- 4) Geotechnical Analysis - Perform geotechnical evaluations for the project similar to those performed under TO1
- 5) Geotechnical Reporting - Results of the field investigation, laboratory tests, and engineering analyses will be summarized and concluded in a geotechnical report.

Meetings	<ul style="list-style-type: none"> • None
Deliverables	<ul style="list-style-type: none"> • Geotechnical Report (Draft and Final; electronic, .PDF)

Subtask 2.1.2 – Design Survey

Survey Subconsultant, WM Surveys, Inc., (WMS) will provide the design level surveying for the Project. The additional sites (Revised BPS-A site, new BPS-B site, Rincon Chlorination Station, 500-LF from the Rincon Pipeline tie-in to the WTP, and Lake Casitas dam crest at the intake) will be surveyed to provide relative location and elevation data as required for the design and installation of the facilities. Survey will be tied into benchmark system as requested by CLIENT (NAD 27, NAD 86, etc.). WMS will provide a ground Survey (50-ft wide generally aligned with the proposed pipeline in the center) along the pipeline alignment is as presented herein.

Meetings	<ul style="list-style-type: none"> • None
Deliverables	<ul style="list-style-type: none"> • Site Survey CADD Files

Subtask 2.1.3 - Plat and Legal Description

No additional services provided for this subtask in this Amendment No. 1.

Subtask 2.1.4 - Surge Analysis

An additional surge management system will be designed at BPS-A for the reverse flow direction (Casitas MWD to Carpinteria Valley Water District) to transfer transient pressures due to power outage or other sudden hydraulic condition changes to a safe location (to a surge tank, to the suction side of the pump station, etc.). Performance of surge control devices will be modeled including air chambers, vacuum relief valves and/or pressure relief valves as deemed appropriate. Modeling will be performed using SURGE software with calculations provided in text format and graphical pressure plots at the pump station.

Meetings	<ul style="list-style-type: none"> • None
Deliverables	<ul style="list-style-type: none"> • Transient Study Technical Memorandum (.PDF)

Subtask 2.1.5 – Pipeline Corrosion Assessment and Design

Corrosion assessment subconsultant, V&A Consulting Engineers, Inc., (V&A) will provide the following corrosion assessment and design services for the additional new 16” Pipeline (500-LF; Rincon Pipeline to WTP Tie-in) and the additional 2,500-LF of 21” C303 or C200 Steel Pipe that is planned to be replaced utilizing open trench construction.

Plans and Specifications. Prepare additional plans for the cathodic protection system. Plans will be prepared in AutoCAD and will be provided in PDF format only. Plans will be prepared for the 60%, 90%, and 100% submittals. One round of comments will be addressed at each submittal.

Meetings	<ul style="list-style-type: none"> • None, included in prior Task Order No. 1
Deliverables	<ul style="list-style-type: none"> • Additional Design Plans and Details incorporated into the 60%, 90%, and 100% submittals

Subtask 2.1.6 – Existing Rincon Pipeline Condition Assessment

Pipeline condition assessment subconsultant, V&A Consulting Engineers, Inc., (V&A) will perform the pipeline condition assessment and design services for the for the existing 16” - 21” Rincon Pipeline from the Balancing Tanks to the Rincon Pumping Plant (~15,000-LF). V&A proposes to conduct the assessment in two phases. The first phase will include a preliminary investigation of the soil conditions along the pipeline alignment to identify corrosive areas. The second phase would include non-destructive ultrasonic thickness testing of the pipeline at up to five strategic locations determined in the first phase. It is anticipated that five sites should be representative of the pipeline condition. Excavations will be required, and soil samples will be gathered from the excavation sites and sent to a lab for analysis. This proposal assumes that Casitas Municipal Water District staff will be responsible for the excavations including providing access to V&A field engineers for the condition assessment. V&A will provide the following pipeline condition assessment services:

Document Review and Site Reconnaissance. Review available alignment, geotechnical information, and preliminary plans and specifications for pipeline design. V&A’s project manager will visit the site and observe the alignment to ensure proper access for field activities.

Soil Corrosivity Investigation. Measure soil resistivity using the Wenner four-electrode method along the pipeline alignment. The resistivity testing will be conducted at 800- to 1,000-foot intervals to a depth of 15 feet below grade or the proposed pipeline depth, whichever is shallower. V&A will obtain a soil sample from each excavation to be tested. for as-received and saturated resistivities, pH, and concentrations of chlorides, sulfates, and bicarbonates.

Condition Assessment. V&A will perform a condition assessment of the existing pipeline over a three day period. Condition assessment will be performed at five excavation sites. Excavation will be done by Casitas Municipal Water District and it is assumed that the depth of excavation will not exceed 5 feet and that traffic control and dewatering will not be needed. The work will include:

- Visual and qualitative condition assessment including a qualitative evaluation of the exterior cement mortar coating. The condition of the pipeline will be documented with digital photographs.
- V&A will describe the pipe bedding as observed after excavation. This will be a general description of the pipe bedding and not a geotechnical evaluation.
- Ultrasonic thickness testing of the steel pipe. V&A will retain a subconsultant to perform core drilling through the cement mortar coating in order to expose the exterior steel surface. The subconsultant will also repair the cement mortar coating after the cores are removed. The core samples will be retained and evaluated using a phenolphthalein indicator solution to quantify degradation of the cement mortar coating. It is anticipated that at least three core holes and ultrasonic thickness measurements will be performed within each excavation, two at the pipe spring lines and one at the pipe crown. The core holes will be up to 2 inches in diameter. A -scan (point measurement) ultrasonic thickness measurements will be collected.

Report. V&A will prepare a draft and a final report with the results of the field testing including photographic documentation of existing conditions, field data and necessary graphical and illustrative figures as required presenting the information gathered during the assessment. V&A will provide an opinion on remaining life and make recommendations of potential repairs or enhancements to the pipeline.

Meetings	<ul style="list-style-type: none"> • 60% Design Submittal Review Workshop (included in Subtask 2.1.5)
Deliverables	<ul style="list-style-type: none"> • Rincon Pipeline Condition Assessment Report (Draft and Final; electronic, .PDF)

Subtask 2.1.7 – Potholing

Per Task Order No. 1, ENGINEER will provide up to two additional days of potholing to cover the potholing needs anticipated for the added facilities in this Amendment No. 1.

Meetings	<ul style="list-style-type: none"> • None
Deliverables	<ul style="list-style-type: none"> • Pothole list, Up to two additional days of potholing with estimated 5 potholes per day

Subtask 2.1.8 – Water Quality Evaluation and Testing

Water quality subconsultant, Water Quality & Treatment Solutions, Inc. (WQTS), will perform the following services, summarized in phases, in support of the project design. WQTS’ detailed proposal for Subtask 2.1.8 is provided in Attachment 2 to this Amendment No. 1.

General

WQTS will evaluate water quality concerns of the 4 operational scenarios that may employed in the utilization of the planned Project facilities in various phases:

- Scenario 1 – Anticipated Normal Operation; No Water Transfer, Occasional Intertie Flushing
- Scenario 2 – Transfer Water from CVWD to CMWD; Convert Free Chlorine→Chloramines→Free Chlorine to WTP
- Scenario 3 – Transfer Water from CVWD to CMWD; Maintain Free Chlorine Residual to WTP
- Scenario 4 - Transfer Water from CVWD to CMWD; Convert Chloramines→Free Chlorine to Distribution System

Meetings	<ul style="list-style-type: none"> • Phase I Kickoff Meeting • Progress Meetings (Total of 3; 1-hr. Virtual Meeting) <ul style="list-style-type: none"> ○ Phase 1 – 1 Meeting ○ Phase 2 – 2 Meetings • DDW Meetings (Total of 3; 1.5-hr. Virtual Meeting) • Phase 1 Technical Workshop
Deliverables	<ul style="list-style-type: none"> • Phase 1 Technical Workshop Technical Memorandum (Elec.; .pdf) • Bench-Scale Testing Plan (Elec.; .pdf) • Draft and Final Bench-Scale Testing Technical Memorandum (Elec.; .pdf) • Draft and Final Water Compatibility Desktop Analysis Technical Memorandum (Elec.; .pdf) • Meeting Notes (Elec.; .pdf)

Subtask 2.2 - 60% Design Submittal

The 60% design submittal will communicate to the CLIENT the project design so that meaningful discussion can take place and the core project decisions can be made as a group. ENGINEER will use a combination of design drawings, 3-dimensional CADD models, manufacturers’ information, and other communication tools to allow the CLIENT an opportunity for significant input into the design process. The following deliverables will be provided by ENGINEER with this submittal:

- 1) Drawings:
 - a) General – Cover Sheet, Notes, Legends
 - b) Pipeline (New 16-inch and 21” Replacement)
 - i) Plan & Profile
 - ii) Typical Open Trench Detail
 - iii) Trenchless Crossing Detail (only for HDD section of new 16”; 21” replacement piping open trench constr.)
 - iv) Basic mechanical layout of air release valves
 - v) Corrosion Protection Details (included in Subtask 2.1.6)
 - c) Pump Stations (BPS-A and BPS-B)
 - i) Site layout of pump station
 - ii) Mechanical layout of pump station
 - iii) Chemical feed facilities (BPS-A)
 - d) Pipeline Support Facilities
 - i) Rincon Balancing Reservoirs – Mechanical improvements
 - ii) Rincon Control Reservoir – Bypass, vent, and surge facilities
 - iii) Rincon Chlorination Station
 - iv) Rincon Vent - Bypass, vent, and surge facilities
 - v) Pressure Reducing Stations
 - vi) Customer Meter Improvements, general
 - e) Rincon Main to WTP Influent Pipeline – includes pipeline, backflow prevention, and tie-in
 - f) Chemical Feed Facilities – includes coagulant, ferric chloride, and dechlorination feed systems at WTP
 - g) Electrical and Instrumentation
 - i) P&IDs
 - ii) Single Line Diagram
 - iii) Elevation Layout (Switchboard, ATS, MCC, Control Panel)
 - iv) Control Panel Wiring Diagrams
 - v) Panelboard Schedule

- 2) Technical Specifications – Outline, Select Electrical and Instrumentation, and CP Specs (included in Subtask 2.1.6)
- 3) Opinion of Probable Construction Cost
- 4) Updated Project Schedule

ENGINEER will meet with CLIENT and Landowners in the field as requested by the CLIENT to support the public relation aspects of the Project and assist the CLIENT in answering landowner questions. ENGINEER has budgeted for a total of 5 additional days of Landowner Meetings, to be held in-person at the jobsite.

Meetings	<ul style="list-style-type: none"> • 60% Design Review Meeting (Included in prior Task Order No. 1) • 60% Design - Landowner Field Meetings (+5-days; In-person on site)
Deliverables	<ul style="list-style-type: none"> • No Additional - 60% Design Deliverables included in prior Task Order No. 1

Subtask 2.3 90% Design Submittal

ENGINEER will provide the same 90% Design Submittal services for the additional/modified facilities presented in this Amendment No. 1 as provided in Task Order No. 1.

Meetings	<ul style="list-style-type: none"> • 90% Design Review Meeting (Included in prior Task Order No. 1)
Deliverables	<ul style="list-style-type: none"> • No Additional - 60% Design Deliverables included in prior Task Order No. 1

Subtask 2.4 100% Design and Bid Documents Submittal

ENGINEER will provide the same 100% and Bid Documents Design Submittal services for the additional/modified facilities presented in this Amendment No. 1 as provided in Task Order No. 1.

Meetings	<ul style="list-style-type: none"> • 100% Design Review Meeting (Included in prior Task Order No. 1)
Deliverables	<ul style="list-style-type: none"> • No Additional – Final Design Deliverables included in prior Task Order No. 1

Subtask 3 – Engineering Assistance During Bidding

ENGINEER will provide the same Engineering Assistance During Bidding services for the additional/modified facilities presented in this Amendment No. 1 as provided in Task Order No. 1.

Meetings	<ul style="list-style-type: none"> • Pre-Bid Conference
Deliverables	<ul style="list-style-type: none"> • Addenda as Required

Subtask 4 – Engineering Services During Construction

No additional services provided for this subtask in this Amendment No. 1.

Subtask 5 – Permitting Support

Provide support to CLIENT in submitting plans and supporting documentation for CLIENT’s use in obtaining the following permits.

Subtask 5.1 Permitting and Agency Support

ENGINEER will provide the same Engineering Assistance During Bidding services for the additional/modified facilities presented in this Amendment No. 1 as provided in Task Order No. 1 as outlined below:

A parallel encroachment permit, and a transverse crossing encroachment permit will be required from Caltrans. A transverse crossing of State Route 150 is assumed between State Route 192/ State Route 150 intersection and a quarter mile south of State Route 192. A parallel encroachment on State Route 192 is assumed for western half of alignment. An encroachment permit will be required from the County of Santa Barbara and the County of Ventura. The encroachment permits necessary for the geotechnical work are discussed in the geotechnical section.

1) Caltrans (District 5 and District 7)

a) Standard Encroachment Permit (Form TR-0100) for pipe along SR 192 and crossing of SR 150, requiring:

i) General:

- (1) District 5 - Contact Caltrans D5 permit engineer and introduce project and present plans @ 60% level and offer teleconference meeting with District and Carpinteria Valley staff. Request “design-level” review of Encroachment Permit (TR-0100) at 90% level for longitudinal encroachment of SR-192. Anticipate a 6-page project overview memo, casing exception justification, and longitudinal encroachment justification. Anticipate three submittals (respond to comments from two formal reviews from Caltrans D5). District will most likely supply a “double permit”, which contractor will have to complete.
- (2) District 7 - Request “design-level” review of Encroachment Permit (TR-0100) at 90% level for transverse trenchless crossing of SR-150. Anticipate a 3-page project overview memo and casing exception justification will be required. Anticipate three submittals (respond to comments from two formal reviews from Caltrans D7).

ii) Plans

- (1) Typical plan set content (e.g., plan and profiles, sections, notes, etc.)
- (2) Boundary Survey – Limited to area within Caltrans ROW
- (3) Assumptions:
 - (a) The following items are not included in the plan set to be submitted, as they are deemed not applicable:
 - (i) Electrical Plans – No electrical improvements in the pipeline portion of the Project within Caltrans ROW
 - (ii) Drainage Plan; Hydrology Map and Calculations; Storm Drain Plans, Profiles, and Details; – Project does not include modifications to site drainage
 - (iii) Planting and Irrigation Plans
 - (iv) Signal and Lighting Plans
 - (v) Signal Warrant Studies
 - (vi) Street Improvement Plan
 - (vii) Structural Plans and Calculations
 - (b) Provided by Contractor
 - (i) Final Encroachment Permit and associated required documentation
 - (ii) Shoring Plans
 - (iii) Steel Plating
 - (iv) Traffic Control Plan
 - (v) Traffic Management Plan (Detour)

- iii) Supporting Documents
 - (1) Traffic Control Plan
 - (2) Traffic Management Plan
 - (3) Stormwater Pollution Prevention Plan (SWPPP)
 - (4) Assumptions:
 - (a) The following items are not included in the supporting documents to be submitted, as they are deemed not applicable:
 - (i) Drainage Report; Erosion and Sediment Control Plan / BMP – Project does not include modifications to site drainage
- iv) Bonds/Insurance – To be provided by CLIENT
- v) Permit Fees – To be provided by CLIENT

2) Ventura County Encroachment Permit

- a) Single Event Encroachment Permit, requiring:
 - i) Plans – utilize subset of documents required by Caltrans (as listed above)
 - ii) Supporting Documents - utilize subset of documents required by Caltrans (as listed above)
 - iii) Bonds/Insurance – To be provided by CLIENT
 - iv) Permit Fees – To be provided by CLIENT

3) Santa Barbara County Encroachment Permit

- a) Single Event Encroachment Permit, requiring:
 - i) Plans – utilize subset of documents required by Caltrans (as listed above)
 - ii) Supporting Documents - utilize subset of documents required by Caltrans (as listed above)
 - iii) Bonds/Insurance – To be provided by CLIENT
 - iv) Permit Fees – To be provided by CLIENT

4) United States Bureau of Reclamation

- a) ENGINEER shall provide a total of 80-hours permitting and agency support to CLIENT in support of the new facilities located on the crest of the Lake Casitas Dam, built by the USBR

Subtask 5.2 Other Permitting Assistance

- 1) Environmental Permitting Assistance
 - a) ENGINEER will provide support to CLIENT environmental permitting using the design documents for the additional facilities. The project description will be reviewed for general conformance with the Project.
- 2) Storm Water Pollution Prevention Plan (SWPPP)
 - a) ENGINEER will provide support to CLIENT Ventura County SWPPP related permitting efforts providing for the additional facilities.

Meetings	<ul style="list-style-type: none"> • Assumes total of ten (10) Meetings (2-hrs/mtg; Virtual)
Deliverables	<ul style="list-style-type: none"> • Updated SWPPP for the added facilities

ASSUMPTIONS

The assumptions from the Agreement were utilized in the development of this scope and fee, with the exception of the modified assumptions below. Additional amendments are required to perform any of the work which is not listed in this scope or has been specifically identified as out of scope in the assumptions below:

General

1. Operational Scenario Nos. 1, 2A, and 3A were assumed in the development of this Amendment
2. Pipeline Corrosion Assessment and Design
 - a. Impressed current cathodic protection system anticipated as the recommended method of corrosion control
 - b. Plans and specifications will be prepared for the 60%, 90%, and 100% submittals. One round of comments addressed for each submittal.
3. Existing Rincon Pipeline Condition Assessment
 - a. CLIENT is responsible for the excavations including providing access to ENGINEER for the condition assessment. It is assumed the depth of the excavation will not exceed 5-ft and that traffic control and dewatering will not be needed.
4. The scope and associated fee provided by Corona Environmental Services in Task Order No. 1, Subtask 2.1.8 has been replaced by the scope in this Amendment No. 1 by WQTS and the associated fee has been credited back to the CLIENT in total. Please see the attached ENGINEER's Fee Estimate (red text under 90% Design).
5. Engineering Assistance During Bidding and Engineering Services During Construction for the added facilities contained in this Amendment No. 1 are not included
6. Permitting assumptions
 - a. ENGINEER assumes 1 permit submittal per Agency (unless otherwise noted in Task Order) and single resubmittal based on single set of assimilated comments provided by the Agency.
 - b. No planning or special use permit is included in the scope.
 - c. No building permit is included in the scope.
 - d. No tree removal permitting is included in the scope.
 - e. No grading or drainage permit is included in the scope.
 - f. No air quality permitting is included in the scope.
 - g. No floodplain permitting is included in the scope.
 - h. No fire sprinklers are included in the scope.
 - i. CLIENT to permit project with Division of Drinking Water (DDW).
7. Performed by Others:
 - a. Construction Permitting
 - i. General construction permit(s)
 - ii. Temporary construction easements

Pipeline Facility Design:

1. Transverse crossing of State Route 150 between State Route 192/ State Route 150 intersection and a quarter mile south of State Route 192 on the Final PDR Recommended Project Alignment: 1-2B-3B (HDD – Avocado Hill Rd.)
2. Parallel encroachment on State Route 192 for western half of alignment (Pipeline Alignment Section 1).

Pump Station and Disinfectant Boosting Facilities

1. Power readily available from Southern California Edison at the pump station locations.
2. Pump Station Layouts/Sites
 - a. Booster Pump Station A (BPS-A):
 - i. Site:
 1. Approximately 7,500-SF fenced gravel site at Avocado Hill Rd.
 2. Relatively flat requiring no drainage or retaining wall improvements
 3. Sized to contain permanent or temporary emergency backup generator
 - ii. Booster Pumps
 1. Three (3) 600-hp vertical turbine can pumps with VFDs (2 duty; 1 standby)
 2. Stored in CMU Blockwall Building with sound attenuation panels
 - iii. Chemical Feed Facilities
 1. ~~Outdoor 6,000 gal SHC double contained tank with shade structure, temporary portable SHC tank and feed pump provided by District if needed~~
 2. Indoor 500-gallon ammonium sulfate tank in CMU blockwall room
 3. Chemical feed room containing chemical feed pumps
 - iv. Electrical/Controls Room
 1. MCC
 2. VFDs
 3. PLC and SCADA Controls
 - v. Exterior Electrical Equipment
 1. Medium voltage utility transformer
 2. Medium voltage switchgear
 3. Radio/Cellular antenna
 - b. Booster Pump Station B (BPS-B):
 - i. Site:
 1. Approximately 7,000-SF fenced gravel site west of Rincon Control Reservoir
 2. Relatively flat requiring no drainage or retaining wall improvements
 3. Sized to contain permanent or temporary emergency backup generator
 - ii. Booster Pumps
 1. Three (3) 250-hp vertical turbine can pumps with VFDs (2 duty; 1 standby)
 2. Stored in CMU Blockwall Building with sound attenuation panels
 - iii. Electrical/Controls Room
 1. MCC
 2. VFDs
 3. PLC and SCADA Controls
 - iv. Exterior Electrical Equipment
 1. Medium voltage utility transformer
 2. Medium voltage switchgear
 3. Radio/Cellular antenna
3. No security systems, video surveillance, or automated access control systems designs are included. RTU intrusion monitoring design included only.
4. No SCADA programming is included in the scope, by CLIENT
5. No Arc-Flash equipment labeling (as required by NFPA 70 electrical code) is included
6. Impervious surface footprint assumed to be under 10,000 ft²
7. Stormwater will be conveyed to a nearby existing storm drain by gravity.

SCHEDULE

The project schedule will be as shown in the attached updated CPM Project Schedule.

PAYMENT

Payment will be on a Time and Expense basis and invoiced in accordance with the Hourly Wage Rates in the following table.

Classification	Title	Hourly Rate
AA1	Administrative Assistant	\$77
AA2	Senior Administrative Assistant	\$108
EO	Jr. Engineer / Jr. Field Engineer	\$108
E1	Staff Engineer	\$135
E1EE	Electrical Staff Engineer	\$135
E1S	Structural Design Engineer	\$135
E2	Associate Engineer	\$165
E2EE	Electrical Associate Engineer	\$165
E2S	Structural Associate Engineer	\$165
E3	Project / Structural Engineer	\$185
E3EE	Electrical Engineer	\$185
E3S	Structural Engineer	\$185
E4	Senior Project Engineer / Manager	\$215
E4EE	Senior Electrical Engineer	\$215
E4S	Senior Structural Engineer	\$215
E5	Principal Engineer	\$249
T1	CADD Tech 1 / Drafter/ Jr. Technician	\$91
T2	CADD Tech 2 / Designer/Sr. Technician	\$122
T2EE	Electrical Designer	\$122
T3	CADD Tech 3 / Senior Technician	\$149

Notes:

1. A markup of 10% will be applied to all project related Direct Costs and Expenses.
2. An additional premium of 25% will be added to the above rates for Expert Witness and Testimony Services.

ATTACHMENTS

Attached to this Scope for reference are the following:

1	Updated Proposed Project Facilities Figure
2	WQTS Water Quality Evaluation and Testing Proposal (8/23/2021)
3	Updated Project Schedule
4	Fee Basis Spreadsheet

EFFECTIVE DATE

IN WITNESS WHEREOF, duly authorized representatives of the parties have executed this Amendment with the effective date being the last date written below.

CLIENT

ENGINEER

By: _____

By: _____

Name: _____

Name: Sami Kader, PE

Title: _____

Title: Principal

Address: _____

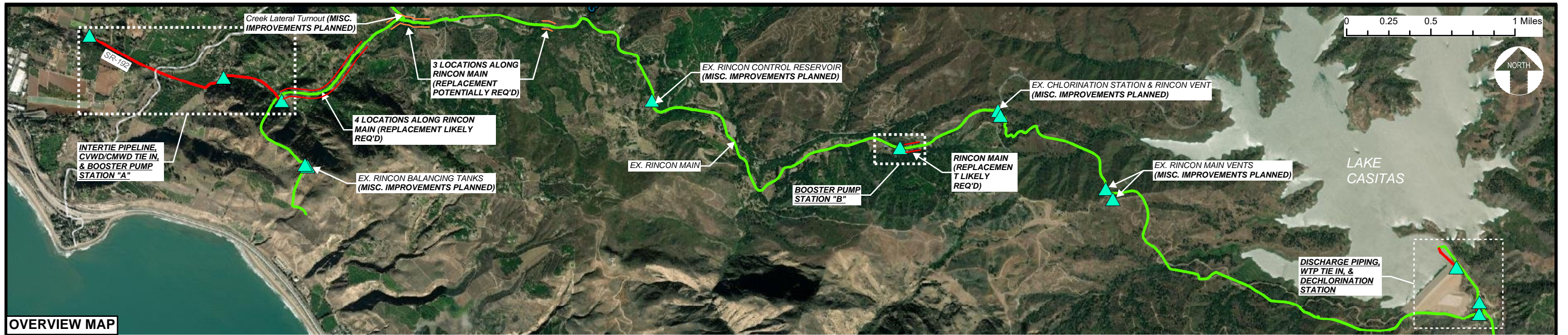
Address: 760 Cypress Ave., Suite 201 Redding, CA 96001

Date: _____

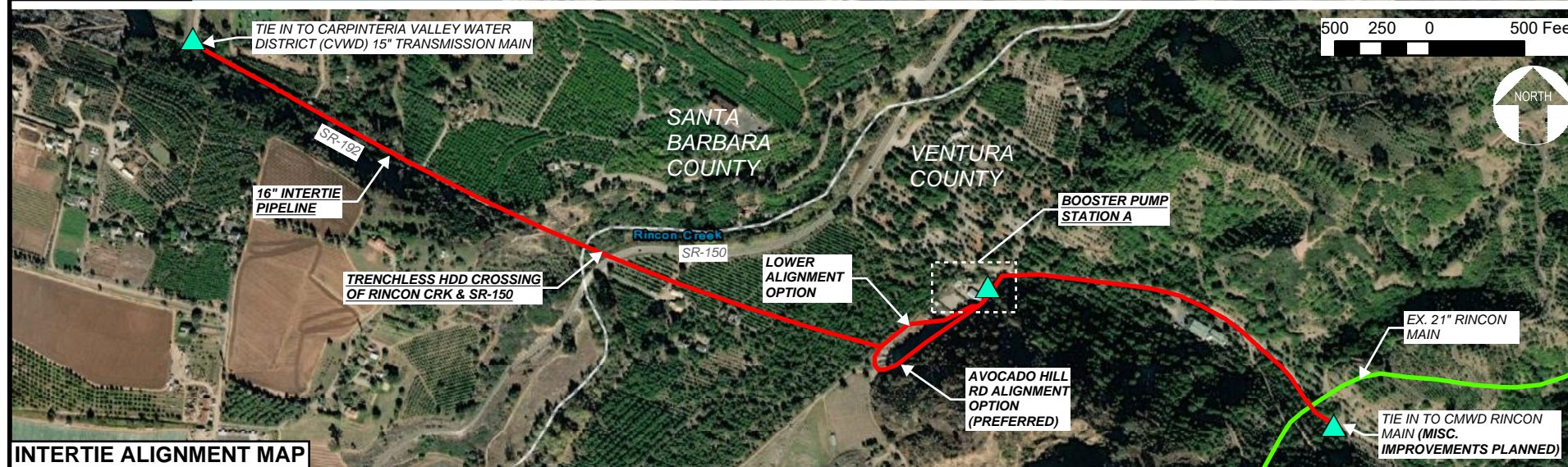
Date: _____

20-3148271
Employer I.D. No.

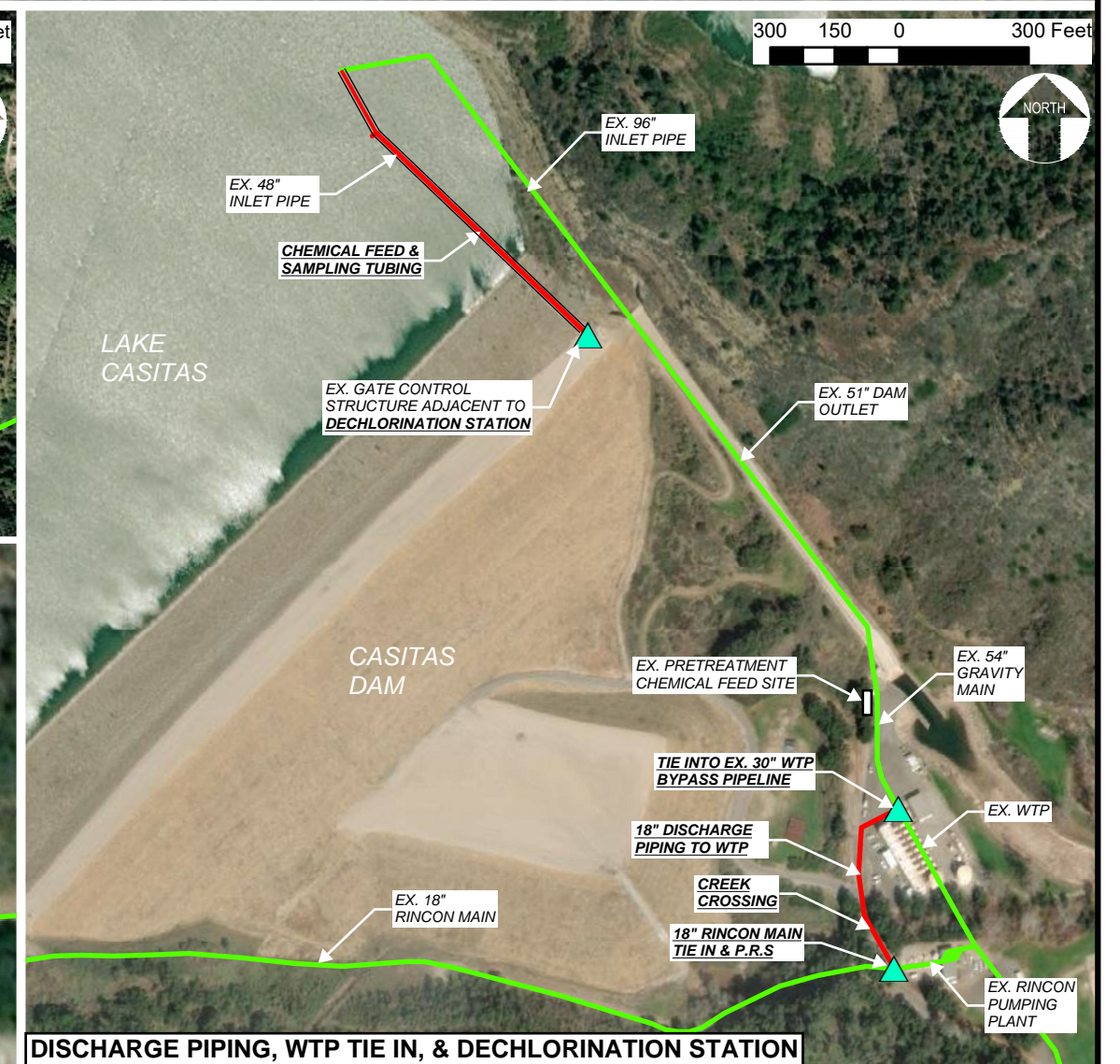
Attachment 1 - Updated Proposed Project Facilities Figure



OVERVIEW MAP



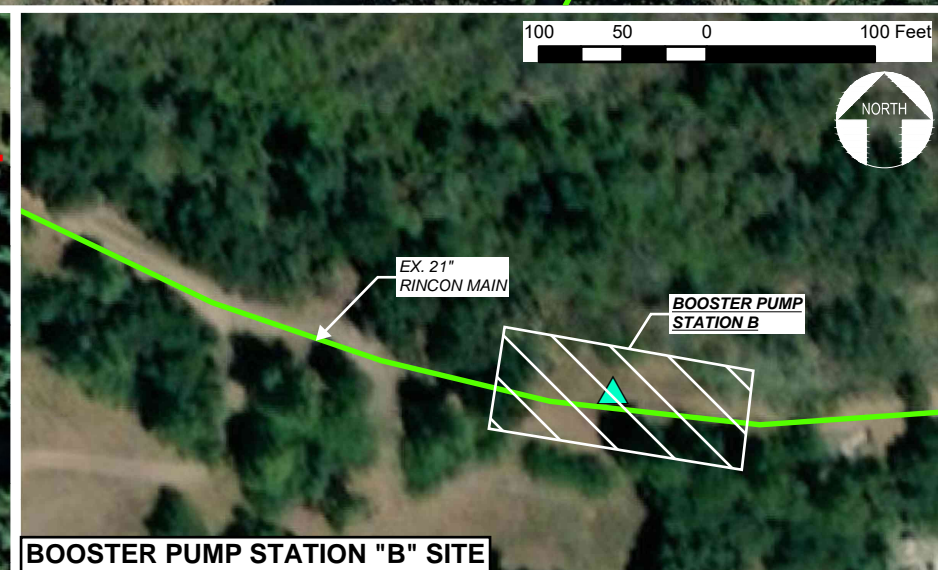
INTERTIE ALIGNMENT MAP



DISCHARGE PIPING, WTP TIE IN, & DECHLORINATION STATION



BOOSTER PUMP STATION "A" SITE



BOOSTER PUMP STATION "B" SITE

August 23, 2021

Mr. Andrew Borgic, P.E.
Waterworks Engineers
1515 W. 190th Street, STE 428
Gardena, CA 90248

Subject: 2nd Revision – Proposal to Evaluate the Potential Water Quality Challenges Associated with Four Operational Scenarios of the Planned Ventura-Santa Barbara Intertie Project

Dear Mr. Borgic:

On behalf of Water Quality & Treatment Solutions, Inc. (WQTS), I am pleased to submit to Waterworks Engineers (WWE) this revised proposal to evaluate potential water quality challenges that may be associated with four (4) potential operational scenarios of the planned Ventura-Santa Barbara intertie. The intertie project will connect the water system of the Casitas Municipal Water District to that of the Carpinteria Valley Water District to increase water supply reliability for both water agencies.

Attached is a proposal including our understanding of the services requested by WWE, a proposed scope of work to provide those services, and the anticipated cost for completing the scope of work. As discussed during our virtual meeting on Monday, August 16, the proposal is divided into two Phases: Phase 1 will focus on resolving some of the water quality challenges facing the implementation of the project. Depending on the outcome of Phase 1 tasks, Phase 2 tasks may be initiated and will focus on tasks related to the water quality challenges that need to be addressed in order to receive regulatory approval of the project.

In the preparation of this proposal, a number of assumptions were made in order to prepare the potential project cost. We look forward to discussion these assumptions with you and making any necessary modifications. At this time, the cost of Phase 1 is projected at \$86,500 and that of Phase 2 at \$85,000 for a total cost of \$171,500. Phase 1 activities should be completed within 12 weeks from receipt of a notice-to-proceed from WWE, while Phase 2 activities should be completed within 16 weeks from receipt of a notice-to-proceed for Phase 2 from WWE.

Thank you for considering WQTS for your project, and we look forward to working with you on this important effort.

Respectfully Yours,
WQTS, Inc.



Issam Najm, Ph.D., P.E.
President

EVALUATION OF POTENTIAL WATER QUALITY CHALLENGES ASSOCIATED WITH FOUR OPERATIONAL SCENARIOS OF THE VENTURA-SANTA BARBARA INTERTIE PROJECT

Technical Proposal (Revised August 23, 2021)

BACKGROUND

Waterworks Engineers (WWE) was retained by the Casitas Municipal Water District (CMWD) in Ventura County and the Carpinteria Valley Water District (CVWD) in Santa Barbara County to complete an engineering evaluation and design of an intertie between the two systems that allows for the water exchange between the two District on an as-needed basis. The two Districts utilize different water sources as their drinking water supplies and treat them to different chemical qualities. The most significant difference is that the CMWD treated water contains chloramine as a secondary disinfectant while the CVWD treated water contains free chlorine. These two disinfectants are not chemically compatible in that they can destroy each other when mixed, resulting in a rapid loss of disinfectant residual in the blended water. There are other water quality challenges that may be encountered after the intertie is completed between the two systems depending on which direction water is being transported.

The current configuration of the system, without the intertie, is presented schematically in Figure 1. Once these two systems are connected, there are several potential operational scenarios that may be implemented. In this effort, WQTS will provide technical support services to WWE with a specific focus on addressing potential water quality challenges that may be encountered under each operational scenario.

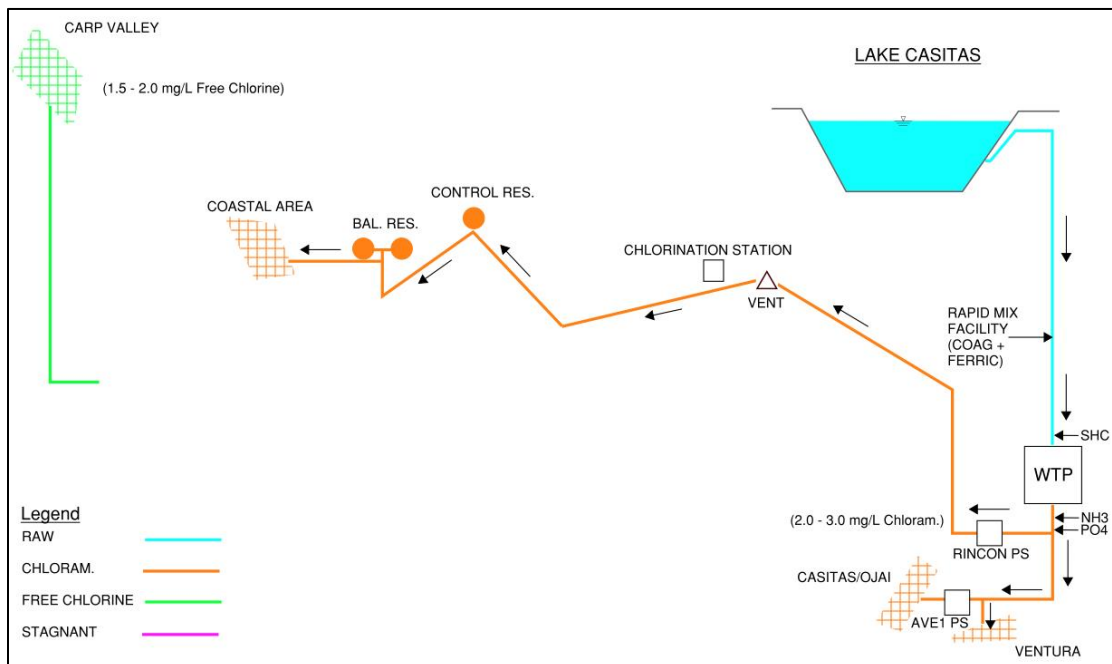


Figure 1 – Schematic of Existing Condition

OPERATIONAL SCENARIOS & ASSOCIATED CONCERNS

As requested by WWE, WQTS will focus on four (4) operational scenarios. The four scenarios are discussed below.

Scenario 1 – Anticipated Normal Operation.

Description – Figure 2 presents a schematic of this scenario. The connection between the two systems will include an intertie pipeline and two pump stations, BPS-A and BPS-B, which will be required to move water from CVWD’s system to CMWD’s system. Under Scenario 1, water will be intermittently pumped from CVWD via BPS-A and served into the coastal zone of the CMWD system via the Rincon balancing Reservoirs. Ammonia will be added to the water at BPS-A to convert free chlorine to chloramine. When no water is being transferred from CVWD, the water will become stagnant in the intertie pipe, the pump station, and the pipe to the Rincon balancing reservoirs until water flows again from CVWD into the coastal zone.

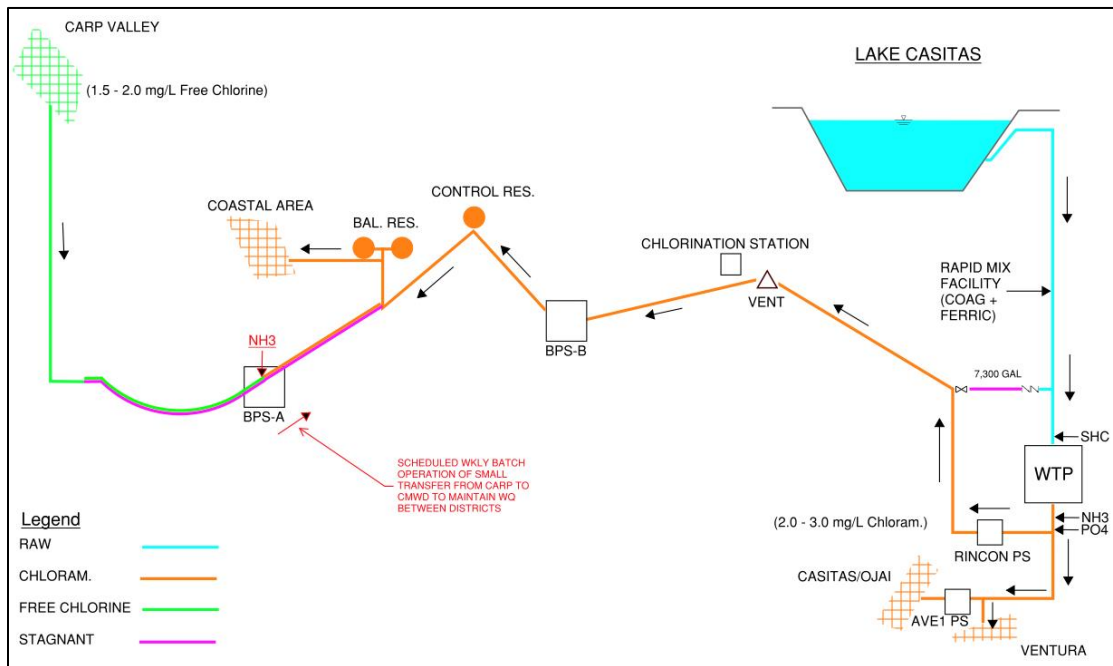


Figure 2 – Schematic of Operational Scenario 1

Potential Concerns – There are two primary concerns associated with this operational scenario: First, although the free chlorine in CVWD water will be converted to chloramine, the impact of the change in water quality on the potential release of deposits or metals from the distribution system or home plumbing in the coastal zone needs to be evaluated. It is also noted that CMWD water contains phosphate for lead control, but the CVWD water does not. The potential impact of this change in phosphate concentration on lead release under the current and anticipated revision to the Lead and Copper Rule (LCR) needs to be evaluated and mitigated. The impact of changing water

quality on a distribution system and compliance with the LCR is likely to be of paramount significance to the Division of Drinking Water (DDW). This challenge will be evaluated in Phase 2 of this effort.

The second concern is related to the water that will stagnate in the intertie pipe between periods of water flow from the CVWD intertie connection to CMWD’s Rincon balancing reservoirs. The portion of the intertie pipe upstream of the ammonia feed station will contain free chlorine, while the portion downstream of the ammonia feed station will contain chloramine. It is uncertain how long the residual disinfectant will last in each section, and whether specific mitigation measures will need to be implemented before water flow can resume. This challenge will be evaluated in Phase 1.

Scenario 2 – Water Transfer from CVWD to CMWD’s WTP and/or Lake Casitas with Conversion of the Chlorine in CVWD Water to Chloramine through the Rincon Pipeline, and then back to Free Chlorine before it reaches the WTP and/or Lake.

Description – In this scenario, water will be transferred from CVWD to CMWD’s system similar to Scenario 1 and the water will be converted from free chlorine to chloramine with the addition of ammonia at BPS-A, which then serves the water with chloramine into the CMWD system. However, the water will not only serve the coastal zone, but will also be pumped back through the Rincon pipeline and reservoirs to the inlet of CMWD’s Marion Walker Treatment Plant (WTP). Since the WTP utilizes free chlorine for disinfection, the water received through the Rincon pipeline will be converted back to free chlorine by adding chlorine at the Rincon Chlorination Station which provides sufficient time for the breakpoint reaction to reach completion before the water reaches the WTP.

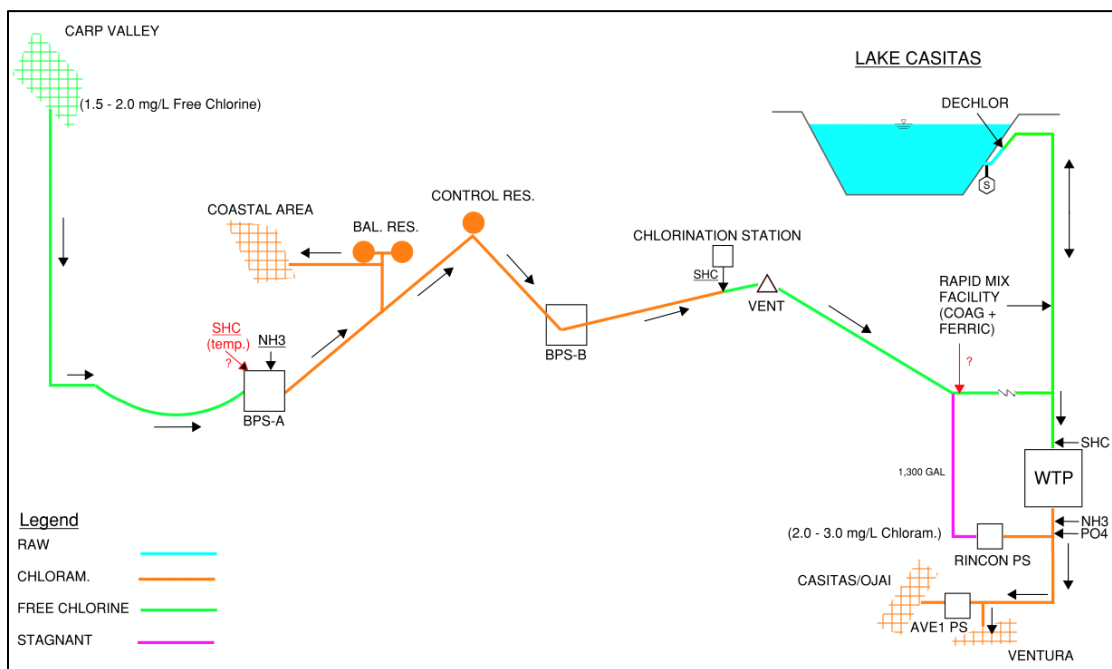


Figure 3 – Schematic of Operational Scenario 2

Finally, at the WTP, the water may be directed to the WTP inlet or back to be discharged into Lake Casitas. A dechlorination chemical will need to be added to the water before it is discharged to Lake Casitas in compliance with the District's NPDES permit.

Potential Concerns – This operational scenario is significantly more complex than Scenario 1 and has numerous concerns and unanswered questions.

First, when this scenario is to be initiated, the water volume (300,000 gallons) between the Rincon Chlorination Station and the WTP, which contains chloramine, will be pushed back in the direction of the WTP. This poses a problem because the plant uses prechlorination for manganese oxidation upstream of the filters and relies on free chlorine for meeting its disinfection CT requirements. If this volume is not to be wasted, a strategy is needed to manage the incompatibility between the chloramine in the displaced water with the role of free chlorine at the plant. This challenge will be evaluated in Phase 1 of this study.

Second, since the CVWD water is already fully treated, its quality will be very different from that of the raw lake water entering CMWD's WTP. Under this scenario, CVWD's treated water may represent between 50% and 100% of the influent flow to the WTP, and when initiated, the change from lake water to blend water will be relatively sudden since the CVWD will come to the WTP through a pipeline with a sharp "front" between the chloraminated and chlorinated waters. The impact of this sudden change in quality on the WTP performance could be significant. This challenge will be deferred to a later phase of this project, which is not included in this proposed effort.

Third, as shown in Figure 3, a portion of the discharge piping of the Rincon Pump Station will be isolated and its 1,300-gallon content will remain stagnant as long as this operational scenario is in place. The quality of the water in this segment must be addressed in order to prevent deterioration of the water quality or wasting of the water. This challenge will be evaluated in Phase 1 of this study.

Fourth, under this scenario, CMWD aims to keep the option of directing the chlorinated water to the WTP influent or to Lake Casitas. However, the rapid-mix facility where the primary coagulant is added is upstream of the entry point of the chlorinated imported water as shown in Figure 3. Therefore, if the water is divided between the CMWD WTP and Lake Casitas, then no coagulant will be added to the water entering the WTP. While it may be argued that the fully-treated imported water does not need a coagulant as it passes through the WTP, this approach may greatly disrupt the WTP filter performance, and may not be acceptable to DDW. This challenge will be deferred to a later phase of this project, which is not included in this proposed effort.

Fifth, under this operational scenario, CVWD water will not just be used in CMWD's coastal zone as was the case in Scenario 1 but will also be served into the entire CMWD distribution system, as well as the distribution system of the City of Ventura which receives water from CMWD. The compatibility of CVWD's water with the two distribution systems should be confirmed and will likely be required by DDW. This challenge will be evaluated in Phase 2 of this study.

Sixth, the water received from CVWD will already contain significant levels of THMs and HAAs. Breakpoint chlorination of the water at the Rincon chlorination station, and the subsequent chlorination at the WTP are likely to cause additional formation of DBPs. It is possible that the DBP levels leaving the CMWD WTP will already be above their respective MCLs. This challenge will be evaluated in Phase 1 of this study.

Finally, this scenario includes conversion of free chlorine to chloramine with ammonia addition, then to free chlorine with breakpoint chlorination, and then to back to chloramine again at the WTP. The control of this sequence, and the potential formation of T&O-causing dichloramine and trichloramine are of concern and should be investigated. This challenge will be evaluated in Phase 1 of this study.

Scenario 3 – Transfer of Chlorinated Water from CVWD through the Rincon Pipeline to CMWD’s WTP and/or Lake Casitas.

Description – This scenario is similar to Scenario 2 in that water is transferred from CVWD to the CMWD WTP and/or Lake Casitas. However, the disinfectant present in the water will remain free chlorine through the Rincon pipeline and into the influent to the WTP. The chlorine residual may need to be boosted at BPS-A as the water enters the Rincon pipeline depending on its concentration. At the plant site, the water may be directed to the WTP inlet or back to be discharged into Lake Casitas. A dechlorination chemical will need to be added to the water before it is discharged to Lake Casitas in compliance with the District’s NPDES permit.

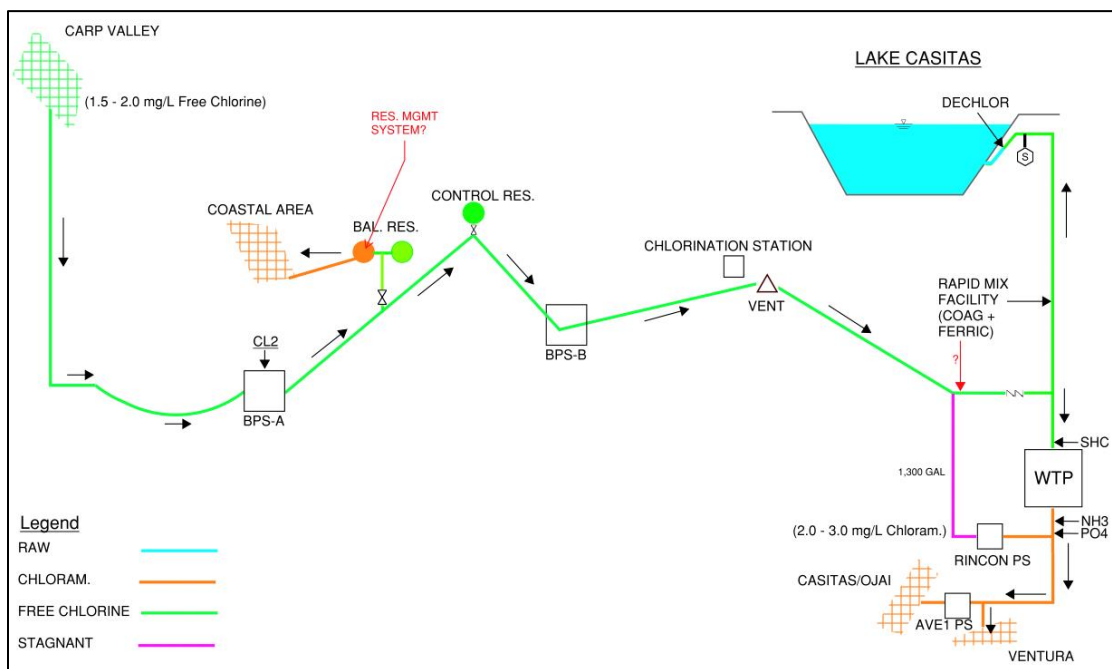


Figure 4 – Schematic of Operational Scenario 3

In addition, under this scenario, CMWD plans on maintaining chloramine in the Rincon Balancing Reservoirs and serving it to the coastal zone as shown in Figure 4. This strategy is predicated on the ability to use the Residual Management System (RMS) installed at these reservoirs to convert any chlorinated water that enters the reservoirs from the Rincon pipeline into chloraminated water that is chemically compatible with the water in the reservoirs.

Potential Concerns – The first five concerns expressed under Scenario 2 are applicable to this scenario and are not repeated here. The following are two additional points to highlight:

First, while this scenario does not include breakpoint chlorination at the Rincon chlorination station, it does include extended free chlorine contact time in the CVWD water through the Rincon pipeline and rechlorination at the CMWD WTP. Therefore, the concerns over the DBP levels present in the WTP effluent are still applicable to this scenario. This challenge will be evaluated in Phase 1 of this study.

Second, the ability to maintain the coastal zone on chloramine while free chlorine is in the Rincon Pipeline will be challenging. The typical design of a commercial RMS system includes the addition of chlorine and ammonia into the middle of a reservoir via a dedicated mixer. However, when the reservoirs fill with water, a significant volume of chlorinated water will enter the reservoir and mix with chloraminated water in the reservoir. This will initiate a breakpoint reaction that will rapidly deplete a significant fraction of the chloramine residual. It is uncertain whether the RMS will be able to adequately – and rapidly – compensate and raise the chloramine residual in the water before it is drawn out of the reservoir into the coastal zone. This challenge will be evaluated in Phase 1 of this study.

Scenario 4 – Transfer of Water from CMWD to CVWD and the Addition of Chlorine to Convert the Chloramine to Free Chlorine Before Transfer

Description – This scenario is different than all the other Scenarios since it transfers water from CMWD to CVWD. This is expected to take place only in emergency conditions when CVWD’s normal supply is interrupted. Under this scenario, CMWD water served in the coastal zone will be transferred through the intertie pipeline to CVWD’s system as shown in Figure 5. However, since CMWD’s water contains chloramine, free chlorine will be added at the BPS-A Pump Station at a dose required to achieve full-breakpoint of the chloramine and maintain a target free chlorine residual in the water entering the CVWD system.

Potential Concerns – There are two primary concerns associated with this scenario. The first is the anticipated increase in the formation of DBPs in CMWD’s water after it is converted to free chlorine as it enters the CVWD system. This will be investigated during Phase 1 of the study. The other concern is related to the potential impact of CMWD’s water chemistry on corrosion and metals release in CVWD’s distribution system and home plumbing material. An assessment of this challenge

and the identification of potential remedies will likely be required by DDW before the operation of the intertie pipeline is permitted. This concern will be addressed in Phase 2 of this study.

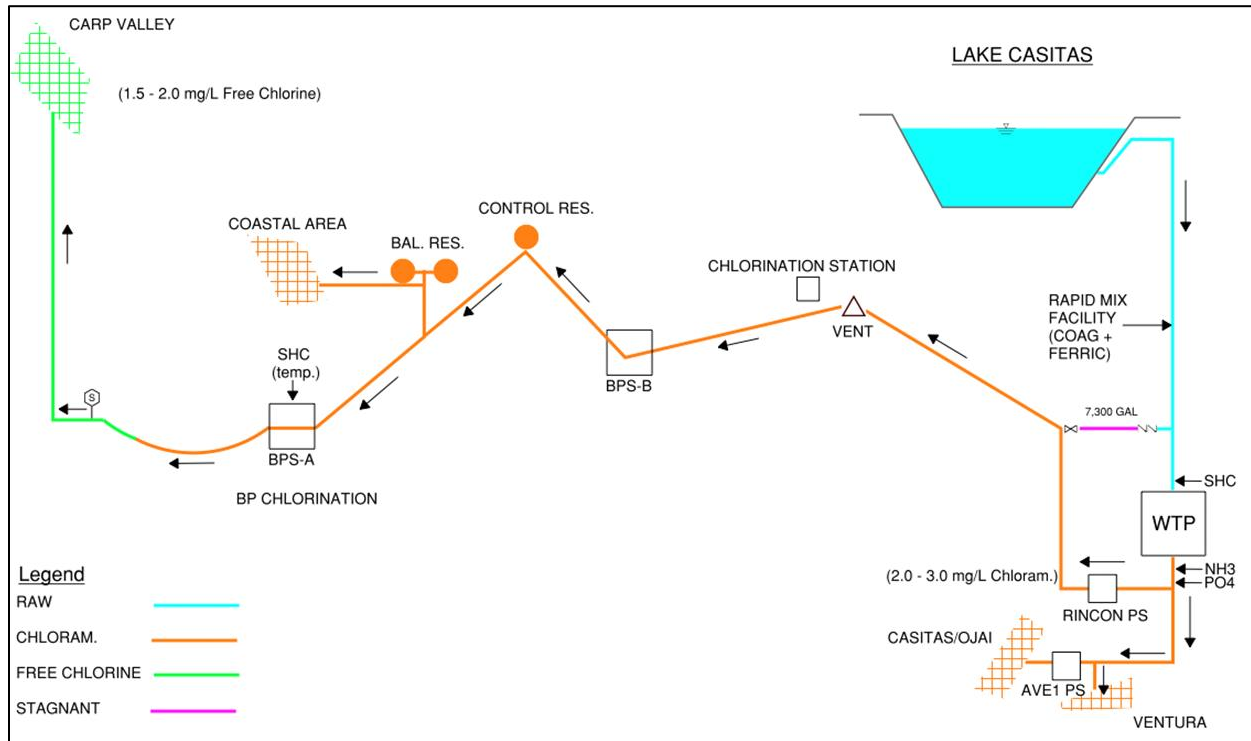


Figure 5 – Schematic of Operational Scenario 4

Finally, while not a concern, this scenario will require the addition of a high chlorine dose to achieve full-breakpoint chlorination. The chlorine dose and contact time required for the reaction to reach completion will be quantified during Phase 1 of this study.

GENERAL APPROACH

The previous section presented 10 challenges that are shared by one or more of the four scenarios evaluated. These 10 challenges are listed in Table 1 along with the scenario under which they fall as well as the phase of the study under which they will be addressed. Resolving these challenges will be used as a basis for the estimated level of effort under this study.

As discussed with WWE and CMWD, The proposed effort will be conducted in two phases in which different challenges will be addressed. Phase 1 will address the first six (6) challenges listed in Table 1 and will be divided into two types of activities: A & B. The concerns in Phase 1A listed in Table 1 will be addressed in a brainstorming workshop between CMWD, CVWD, WWE, and WQTS staffs during which the challenges of developing an engineering and operational strategy for dealing with

stagnant water volumes, displaced water, and controlling the disinfectant residual in areas of mixed chloramine and chlorine will be discussed and worked through. The concerns listed under Phase 1B in Table 1 are those that require bench-scale testing to quantify the challenge and identify potential remedies. For these challenges, WQTS will collect the appropriate water samples, transport them to WQTS' laboratory in Los Angeles, and conduct the bench-scale tests.

Table 1 – Summary of Potential Areas of Concern Under the Four Alternative Scenarios

Area of Concern	Phase	Scenario			
		1	2	3	4
1. Handling of a large volume of stagnant water	1A	✓	✓	✓	
2. Handling of Displaced Chloraminated Water at WTP	1A		✓	✓	
3. Controlling the disinfectant residual in the system	1A			✓	
4. Increased DBP Formation	1B		✓	✓	✓
5. Balancing and Monitoring of Breakpoint Chlorination	1B		✓		✓
6. Taste-and-Odor from Breakpoint Chlorination	1B		✓		✓
7. Introducing new water quality into CMWD's System	2A	✓	✓	✓	
8. Introducing new water quality into Ventura's System	2A		✓	✓	
9. Introducing new water quality into CVWD's System	2A				✓
10. Impact on CMWD WTP Operation and Performance	Future		✓	✓	

The other areas of concern listed in Table 1 (#7 through #9) will be conducted in Phase 2 because they require a more in-depth analysis and pilot-scale testing. More importantly, they will be irrelevant if the water quality challenges under Phase 1 cannot be resolved. Therefore, Phase 2 work will be conducted only if Phase 1 work is completed successfully. Area of concern #10 will be deferred to a future phase of this effort

Items 7, 8, and 9 in Table 1 involve a thorough desktop analysis of the potential impact of introducing a new water source into a water system. This analysis aims to determine whether the chemistry of the new source could cause corrosion and/or metal dissolution from the distribution system and home plumbing material, and whether chemical treatment is required before the new water should be introduced into the system. This analysis will be required for the CMWD system under Scenarios 1, 2, and 3, Ventura's system under Scenarios 2 and 3, and CVWD's system under Scenario 4.

Finally, area of concern #10 is one that requires pilot-scale testing at CMWD's water treatment plant in order to assess the quality of changing source water quality on the operation and performance of

the treatment plant. This activity is not included in this proposal and will be deferred to future phases of the project if desired by CMWD and CVWD.

During the course of this effort, and for the purpose of budgeting, WQTS assumes that its staff will participate in one kick-off meeting, three progress meetings, and three (3) meetings with DDW to discuss the study plans and its results.

SCOPE OF WORK

This section identifies the specific tasks to be conducted in each phase of the study and includes some discussion of the activities to be conducted under each task. This information is primarily provided as a basis for the cost information provided in the next section. The following tasks will be conducted:

Phase 1 Tasks:

Task 1.1 – Meetings

Task 1.2 – Technical Workshop

Task 1.3 – Bench-Scale Testing

Task 1.4 – Contingency-Additional Services

Phase 2 Tasks:

Task 2.1 – Meetings

Task 2.2 – Desktop Analysis of Water Compatibility

The following are discussions of the activities under each task.

PHASE 1 TASKS

Task 1.1 – Meetings. This task includes one Phase 1 kick-off meeting, one (1) progress meeting, and one (1) meeting with DDW. WQTS will prepare the necessary material related to its work before each meeting and prepare meeting minutes to be transmitted to WWE after each meeting. All meetings are budgeted assuming that they will be virtual meetings.

Task 1.2 – Technical Workshop. In this task, WQTS will lead an in-person technical brainstorming workshop with WWE, CMWD, and CVWD staffs to discuss, resolve, and make decisions on the engineering and/or operational solutions to address challenges 1, 2, and 3 in Table 1. While there may be several feasible solutions for each challenge, the goal will be to select the solution that strikes the proper balance between engineering complexity, cost, operational complexity, and chances for success. For this reason, it requires the input of engineering, operations, maintenance, and management staffs. WQTS will work with WWE staff to prepare material in advance of the meeting and will prepare a brief Technical Memorandum (TM) documenting the decisions made at the workshop.

Task 1.3 – Bench-Scale Testing. Bench-scale testing will be conducted on both CVWD and CMWD treated waters depending on which scenario is being evaluated. The following subtasks will be conducted.

Task 1.3.1 – Develop Bench-Scale Testing Plan. Based on discussions with WWE, CMWD, and CVWD, WQTS will develop a bench-scale testing plan that identifies the tests to be conducted, how they will be conducted, and the type of data and information that will be collected from them. The plan will be submitted to WWE for comments and approval before testing is conducted.

Task 1.3.2 – Obtain Water Samples for Testing. Based on the planned bench-scale testing, WQTS will bring the proper containers to collect the subject samples to be used in the testing. The samples will then be transported back to WQTS' laboratory in Los Angeles for testing.

Task 1.3.3 – Conduct Bench-Scale Testing. WQTS will conduct all bench-scale testing in accordance with the plan developed under Task 1.3.1. Most wet chemistry analyses will be conducted by WQTS staff. Other analyses (e.g., TOC or DBPs) will be conducted by EEA Laboratories.

Task 1.3.4 – Prepare Technical Memorandum. After receipt of the analytical results from EEA Laboratories, WQTS will present the testing results in a draft TM and submit it to WWE for review and approval. WQTS will then electronically submit the final TM.

Task 1.4 – Contingency-Additional Services. This task is intended to cover activities that WWE, CMWD, or CVWD may require of WQTS during Phase 1 but are not identified under the tasks proposed herein.

PHASE 2 TASKS

Task 2.1 – Meetings. This task includes two (2) progress meetings and two (2) meetings with DDW: One before Phase 2 tasks are initiated and one after the report of Task 2.2 is completed and submitted. WQTS will prepare the necessary material related to its work before each meeting and prepare meeting minutes to be transmitted to WWE after each meeting.

Task 2.2 – Desktop Analysis of Water Compatibility. This task includes the desktop studies for the introduction of CMWD water into the CVWD system, as well as the introduction of CVWD's water into the distribution systems of CMWD and Ventura Water.

Task 2.2.1 – Solicit and Obtain Water Quality Data & Systems' Information. WQTS will prepare a data request and submit it to CMWD, CVWD and Ventura. The request will include all the data and information to be analyzed under this task. WQTS assumes that all water quality and operational data will be available in a Microsoft EXCEL form.

Task 2.2.2 – Conduct Desktop Analysis. WQTS will organize and analyze the data and information obtained from CMWD, CVWD and Ventura Water within the context of chemical compatibility with each system’s existing water quality and operational conditions.

Task 2.2.3 – Prepare Technical Memorandum. At the conclusion of the desktop analysis, WQTS will present the analysis and its results in a draft TM and submit it to WWE for review and comments. WQTS will then finalize the TM and submit it in electronic form to WWE.

ANTICIPATED COST

Tables 2 and 3 present breakdowns of the estimated costs of conducting the tasks under Phases 1 and 2, respectively. The number of hours anticipated for each WQTS project staff member is also listed in Tables 2 and 3. Based on the anticipated level of effort under each task, Phase 1 cost is projected at \$86,500 while that of Phase 2 is projected at \$85,000. The total cost of both phases is thus projected at \$171,500.

Table 2 – Anticipated Phase 1 Cost Breakdown

Task	Labor Hours				Labor	Non-Labor	Task Total
	Najm	Askenaizer	Gallagher	Whitener			
1.1. Meetings	16	--	--	5	\$7,600	\$--	\$7,600
1.2. Brainstorming Workshop	34	--	--	44	\$15,700	\$--	\$15,700
1.3. Bench-Scale Testing	48	--	72	120	\$43,200	\$9,900	53,100
1.4. Contingency-Additional Services	24	--	--	24	10,100	\$--	\$10,100
Phase 1 Totals	122	--	72	210	\$76,600	\$9,900	\$86,500

Table 3 - Anticipated Phase 2 Cost Breakdown

Task	Labor Hours				Labor	Non-Labor	Task Total
	Najm	Askenaizer	Gallagher	Whitener			
2.1. Meetings	22	22	--	34	\$15,400	\$--	\$15,400
2.2. Water Compatibility Analysis	40	180	--	156	\$69,600	\$--	\$69,600
Phase 2 Totals	62	202	136	190	\$85,000	\$0	\$85,000

ANTICIPATED SCHEDULE

The brainstorming workshop (Task 1.2) requires the participation of multiple parties whose schedules are outside WQTS' control. As a placeholder, it is reasonable to assume that the workshop could be convened within four (4) weeks of receipt of a notice-to-proceed from WWE.

Bench-scale testing should not be conducted until after the brainstorming session is completed in the event that decisions are made at the workshop that alter the bench testing plan. As a placeholder, it is reasonable to assume that the bench testing report will be submitted to WWE eight (8) weeks after the workshop. This will allow for the submittal and review of the bench-scale testing plan, conduct of the testing, receipt of the results from EEA Laboratories, and preparation of the technical report.

If authorized to proceed with Phase 2 tasks, Task 2.2 will be completed within 16 weeks of receipt of a notice-to-proceed from WWE.

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	1, 2021		Half 2, 2021			Half 1, 2022			Half 2, 2022			Half 1, 2023			Half 2, 2023			Half 1, 2024			Half 2, 2024			Half 1, 2025			Half 2, 2025		
							M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N
1	→	Total Project Duration	1237 days	Wed 3/24/21	Thu 12/18/25		[Gantt bar for total duration]																												
2	→	Planning and Design	667 days	Wed 3/24/21	Thu 10/12/23		[Gantt bar for planning and design]																												
3	→	Notice to Proceed	3 days	Wed 3/24/21	Fri 3/26/21		[Gantt bar for notice to proceed]																												
4	→	Amendment No. 1 NTP	0 days	Thu 9/23/21	Thu 9/23/21		[Gantt bar for amendment no. 1 ntp]																												
5	→	Task 1 - Project Management	122 days	Mon 3/29/21	Tue 9/14/21		[Gantt bar for task 1 - project management]																												
6	→	Project Management (Ongoing)	40 days	Mon 3/29/21	Fri 5/21/21	3	[Gantt bar for project management ongoing]																												
7	→	KO Meeting and Site Visit	1 day	Tue 3/30/21	Tue 3/30/21	3FS+1 day	[Gantt bar for ko meeting and site visit]																												
8	→	ROE Procurement	120 days	Wed 3/31/21	Tue 9/14/21		[Gantt bar for roe procurement]																												
9	→	Abbott's Property	120 days	Wed 3/31/21	Tue 9/14/21	7	[Gantt bar for abbott's property]																												
10	→	Brown's Property	120 days	Wed 3/31/21	Tue 9/14/21	7	[Gantt bar for brown's property]																												
11	→	Morgan's Property	120 days	Wed 3/31/21	Tue 9/14/21	7	[Gantt bar for morgan's property]																												
12	→	Task 2 - Final Design & Contract Documents	659 days	Mon 4/5/21	Thu 10/12/23		[Gantt bar for task 2 - final design & contract documents]																												
13	→	Subtask 2.0 - Basis of Design Report (BODR)	268 days	Mon 7/12/21	Wed 7/20/22		[Gantt bar for subtask 2.0 - bodr]																												
14	→	Technical Memorandums (Appendices)	245 days	Mon 7/12/21	Fri 6/17/22		[Gantt bar for technical memorandums]																												
15	→	Operational Scenarios TM 1	235 days	Mon 7/12/21	Fri 6/3/22		[Gantt bar for operational scenarios tm 1]																												
16	→	Prepare and Submit Draft TM	60 days	Mon 7/12/21	Fri 10/1/21		[Gantt bar for prepare and submit draft tm]																												
17	→	CMWD Review Period	10 days	Mon 10/4/21	Fri 10/15/21	16	[Gantt bar for cmwd review period]																												
18	→	Prepare and Submit Final TM	10 days	Mon 5/23/22	Fri 6/3/22	17,29FF	[Gantt bar for prepare and submit final tm]																												
19	→	Updated Pipeline & BPS Facilities TM2	80 days	Mon 8/2/21	Fri 11/19/21		[Gantt bar for updated pipeline & bps facilities tm2]																												
20	→	Prepare and Submit Draft TM	60 days	Mon 8/2/21	Fri 10/22/21		[Gantt bar for prepare and submit draft tm]																												
21	→	CMWD Review Period	10 days	Mon 10/25/21	Fri 11/5/21	20	[Gantt bar for cmwd review period]																												
22	→	Prepare and Submit Final TM	10 days	Mon 11/8/21	Fri 11/19/21	21	[Gantt bar for prepare and submit final tm]																												
23	→	Water Quality Study and Recommendation	182 days	Thu 9/23/21	Fri 6/3/22		[Gantt bar for water quality study and recommendation]																												
24	→	WQTS Phase I - Gen. WQ Concerns	60 days	Thu 9/23/21	Wed 12/15/21	4	[Gantt bar for wqts phase i]																												
25	→	Phase II NTP from CMWD	2 days	Thu 12/16/21	Fri 12/17/21	24	[Gantt bar for phase ii ntp]																												
26	→	WQTS Phase II - Distrib. System WQ Con	80 days	Mon 12/20/21	Fri 4/8/22	25	[Gantt bar for wqts phase ii]																												
27	→	Prepare and Submit Draft TM	20 days	Mon 4/11/22	Fri 5/6/22	26	[Gantt bar for prepare and submit draft tm]																												
28	→	CMWD Review Period	10 days	Mon 5/9/22	Fri 5/20/22	27	[Gantt bar for cmwd review period]																												
29	→	Prepare and Submit Final TM	10 days	Mon 5/23/22	Fri 6/3/22	28	[Gantt bar for prepare and submit final tm]																												
30	→	Lake Casitas/WTP Tie-in and Dechlor. Facs	175 days	Mon 10/18/21	Fri 6/17/22		[Gantt bar for lake casitas/wtp tie-in]																												
31	→	Prepare and Submit Draft TM	40 days	Mon 10/18/21	Fri 12/10/21	17	[Gantt bar for prepare and submit draft tm]																												
32	→	CMWD Review Period	10 days	Mon 12/13/21	Fri 12/24/21	31	[Gantt bar for cmwd review period]																												
33	→	Prepare and Submit Final TM	10 days	Mon 6/6/22	Fri 6/17/22	32,29FF+10 day	[Gantt bar for prepare and submit final tm]																												
34	→	Draft BODR	43 days	Mon 5/23/22	Wed 7/20/22		[Gantt bar for draft bodr]																												
35	→	Prepare Report	20 days	Mon 5/23/22	Fri 6/17/22	28	[Gantt bar for prepare report]																												
36	→	Submit Report	0 days	Fri 6/17/22	Fri 6/17/22	35	[Gantt bar for submit report]																												
37	→	Report Review Meeting	1 day	Wed 6/22/22	Wed 6/22/22	36FS+2 days	[Gantt bar for report review meeting]																												

Project: CMWD_Intertie Pipelin
Date: Thu 9/16/21

Task		Inactive Task		Manual Summary Rollup		External Milestone		Manual Progress	
Split		Inactive Milestone		Manual Summary		Deadline			
Milestone		Inactive Summary		Start-only		Critical			
Summary		Manual Task		Finish-only		Critical Split			
Project Summary		Duration-only		External Tasks		Progress			

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	1, 2021	Half 2, 2021	Half 1, 2022	Half 2, 2022	Half 1, 2023	Half 2, 2023	Half 1, 2024	Half 2, 2024	Half 1, 2025	Half 2, 2025													
							M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N
38	→	CMWD Review Period	10 days	Thu 6/23/22	Wed 7/6/22	37																							
39	→	Final BoDR	10 days	Thu 7/7/22	Wed 7/20/22																								
40	→	Prepare Report	10 days	Thu 7/7/22	Wed 7/20/22	38																							
41	→	Submit Report	0 days	Wed 7/20/22	Wed 7/20/22	40																							
42	→	Subtask 2.1 - Design Support Services	438 days	Mon 4/5/21	Wed 12/7/22																								
43	→	Subtask 2.1.1 - Geotechnical	170 days	Mon 4/5/21	Fri 11/26/21																								
44	→	Pre-Exploration	5 days	Mon 4/12/21	Fri 4/16/21	3FS+10 days																							
45	→	CalTrans Permit for Access	72 days	Mon 4/5/21	Tue 7/13/21	3FS+5 days																							
46	→	Subsurface Exploration (Roadway)	2 days	Wed 9/15/21	Thu 9/16/21	45FS+25 days																							
47	→	Subsurface Exploration (Fac. Sites)	3 days	Wed 9/15/21	Fri 9/17/21	7FS+30 days																							
48	→	Lab Testing	10 days	Mon 9/20/21	Fri 10/1/21	46,47																							
49	→	Geotech Analysis	10 days	Mon 10/4/21	Fri 10/15/21	48																							
50	→	Amend No. 1 - Addtl Geotech Field/Lab/An	40 days	Thu 9/9/21	Wed 11/3/21	4																							
51	→	Draft Geotech Report	15 days	Thu 11/4/21	Wed 11/24/21	50																							
52	→	Final Geotech Report	2 days	Thu 11/25/21	Fri 11/26/21	51																							
53	→	Subtask 2.1.2 - Design Survey	88 days	Wed 7/14/21	Fri 11/12/21	45																							
54	→	Subtask 2.1.3 - Plat & Legal Desc.	30 days	Wed 7/14/21	Tue 8/24/21	45																							
55	→	Subtask 2.1.4 - Surge Analysis	20 days	Mon 11/22/21	Fri 12/17/21	3FS+10 days,19																							
56	→	Subtask 2.1.5 - Pipeline Corrosion Assess.	110 days	Mon 4/12/21	Fri 9/10/21	3FS+10 days																							
57	→	Subtask 2.1.6 - Exst Rincon Pipeline Cond. Ass	110 days	Mon 4/12/21	Fri 9/10/21	3FS+10 days																							
58	→	Subtask 2.1.7 - Potholing	15 days	Thu 11/17/22	Wed 12/7/22	63																							
59	→	Subtask 2.1.8 - WQ Evaluation and Testing	142 days	Thu 9/23/21	Fri 4/8/22	4																							
60	→	Subtask 2.2 - 60% Design	145 days	Thu 5/26/22	Wed 12/14/22																								
61	→	Prepare 60% Design	120 days	Thu 5/26/22	Wed 11/9/22	51FS-50 days,53																							
62	→	Submit 60% Design	0 days	Wed 11/9/22	Wed 11/9/22	61																							
63	→	60% Design Workshop	0 days	Wed 11/16/22	Wed 11/16/22	62FS+5 days																							
64	→	CMWD Review	20 days	Thu 11/17/22	Wed 12/14/22	63																							
65	→	Subtask 2.3 - 90% Design	120 days	Thu 11/10/22	Wed 4/26/23																								
66	→	Prepare 90% Design	100 days	Thu 11/10/22	Wed 3/29/23	63FS-5 days																							
67	→	Submit 90% Design	0 days	Wed 3/29/23	Wed 3/29/23	66																							
68	→	90% Design Workshop	0 days	Wed 3/29/23	Wed 3/29/23	67																							
69	→	CMWD Review	20 days	Thu 3/30/23	Wed 4/26/23	68																							
70	→	Subtask 2.4 - 100% Design and Bid Docs.	121 days	Thu 4/27/23	Thu 10/12/23																								
71	→	Prepare 100% Design	70 days	Thu 4/27/23	Wed 8/2/23	69																							
72	→	Submit 100% Design	1 day	Thu 8/3/23	Thu 8/3/23	71																							
73	→	CMWD Review	20 days	Fri 8/4/23	Thu 8/31/23	72																							
74	→	Prepare Final Bid Docs	30 days	Fri 9/1/23	Thu 10/12/23	73																							

Project: CMWD_Intertie Pipelin Date: Thu 9/16/21	Task		Inactive Task		Manual Summary Rollup		External Milestone		Manual Progress	
	Split		Inactive Milestone		Manual Summary		Deadline			
	Milestone		Inactive Summary		Start-only		Critical			
	Summary		Manual Task		Finish-only		Critical Split			
	Project Summary		Duration-only		External Tasks		Progress			

Water Works Engineers Fee Estimate

Client Casitas Municipal Water District
 Project Ventura County/Santa Barbara County Water Intertie
 Amendment 1
 Prepared by AJB/SAK
 Date 9/16/2021



Hours and Fee

Year	Task 1		Subtask 2.0.1		Subtask 2.0.2		Subtask 2.0.3		Subtask 2.0.4		Subtask 2.0.5		Subtask 2.1		Subtask 2.2		Subtask 2.3		Subtask 2.4		Task 3		Task 4		Subtask 5.1		Subtask 5.2				
	2022		2021		2021		2022		2021		2022		2021		2022		2022.5		2023		2022		2022		2022		2022				
	Project Management		Operational Constraints TM1		Updated Pipeline and BPS TM2		WQ Study and Recommendations TM3		Lake/WTP Tie-in TM4		Basis of Design Report (BODR)		Design Support Services		60% Design		90% Design		100% Design/Bid Documents		Engineering Assistance During Bidding		Engineering Services During Construction		Permitting and Agency Support		Permitting Support- Other Permits				
2021	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee			
Water Works Engineers																															
Classification Title																															
AA Administrative	20	\$2,225																													
T1 Drafter/Jr. Technician	0	\$91																													
T2 Designer/Sr. Technician - Loughney	432	\$122													80	\$10,053	280	\$35,709	64	\$8,284								8	\$1,005		
T3 Senior Designer - Perry	138	\$149													50	\$7,674	80	\$12,460	8	\$1,265											
T3 Senior Designer - Worrall/Martin	780	\$149													260	\$39,902	440	\$68,532	80	\$12,646											
E1 Staff Engineer - Bryan Palma	140	\$135	40	\$5,400					40	\$5,400	60	\$8,343																			
E1 Staff Engineer - Rachel M	608	\$135			40	\$5,400	20	\$2,781	40	\$5,400	60	\$8,343	36	\$4,860	80	\$11,124	260	\$36,691	60	\$8,593								12	\$1,669		
E2 Associate Engineer-Kevin M	414	\$165	12	\$1,980	60	\$9,900			24	\$3,960					50	\$8,498	180	\$31,046	48	\$8,402					40	\$6,798					
E2 Associate Engineer-Allison B	320	\$165			16	\$2,640	8	\$1,360	24	\$3,960	24	\$4,079			50	\$8,498	120	\$20,698	30	\$5,251	8	\$1,360									
E3 Project Engineer - Lewis	252	\$185	40	\$7,622	12	\$2,220	24	\$4,440	8	\$1,480	12	\$2,287			28	\$5,335	80	\$15,471	24	\$4,710					40	\$6,798					
E3 Structural Engineer - Lindeman	226	\$185									8	\$1,524			50	\$9,528	128	\$24,754	40	\$7,851					24	\$4,573					
E4 Senior Project Engineer - Riess	122	\$215	30	\$6,644			4	\$860	8	\$1,772	8	\$1,720	4	\$886	24	\$5,160	12	\$2,657	16	\$3,596											
E4 Senior QC Engineer - Durbin	80	\$215	80	\$17,716																											
E4 Sr. Proj. Eng./PM - Borgic	218	\$215	70	\$15,502	40	\$8,600	8	\$1,720	4	\$886	24	\$5,160	16	\$3,543			12	\$2,657	16	\$3,596	8	\$1,825	8	\$1,772			12	\$2,657			
E5 Principal Engineer - Kotey	120	\$249			12	\$2,988	24	\$5,976			4	\$1,026			24	\$6,155	44	\$11,453	12	\$3,170											
E5 Principal Engineer - Sami/Mike	60	\$249	8	\$2,052	4	\$996	4	\$996	4	\$1,026	4	\$996			8	\$2,052	20	\$5,206	8	\$2,113											
Expenses																															
WWE Expenses		\$366				\$525		\$420		\$420			\$315		\$1,250		\$500		\$500								\$300				
Subconsultants																															
Survey - WM Surveys														\$43,120																	
Geotechnical/Trenchless - Bajada														\$96,341																	
Surge - ZZ Technologies														\$7,000																	
Potholing - C-Below														\$10,500																	
Corr. & Cond. Assess - V+A														\$75,396																	
WQ Study and Testing - WQTS								\$171,500																							
BP Chlor. Study - Corona Env Cons.																															
Elec. Design - Frisch Eng.	88	\$17,941			60	\$10,580							487	\$82,920	1056	\$163,005	584	\$123,910	232	\$48,005							94	\$6,000	40	\$7,210	
SWPPP - Stormwater Pros																										224	\$40,000	60	\$10,000		
Traffic Control and Mgmt Plans - MNS																															
Subconsultant/Expense Markup	10%	\$1,831		\$0		\$1,111		\$17,192		\$42		\$0		\$31,559		\$16,426		\$7,368		\$4,851		\$0		\$0		\$4,630		\$1,721			
Annual Increase for WWE rates of	3%																														
Subtask Totals	336	\$71,897	120	\$22,184	240	\$44,148	44	\$196,936	172	\$28,538	188	\$30,031	547	\$357,171	1,760	\$294,813	2,034	\$350,262	626	\$120,203	16	\$3,131	0	\$0	434	\$71,757	124	\$22,491			

Basis of Design (Task 2.0)	
Hours	764
Fee	\$321,836

Final Design		Eng Assitance During Bidding		Permitting Support	
Hours	4,967	Hours	16	Hours	558
Fee	\$1,122,450	Fee	\$3,131	Fee	\$94,248

Project Total	
Hours	6,641
Fee	\$1,613,561



AMENDMENT NO. 4

ENVIRONMENTAL CONSULTING SERVICES WITH

RINCON CONSULTANTS, INC.

FOR VENTURA-SANTA BARBARA COUNTIES INTERTIE

This Amendment No. 4 to Agreement for Environmental Consulting Services is made and entered into as of this 13th day of October, 2021 ("Effective Date") by and between Casitas Municipal Water District (Casitas or District) and Rincon Consultants, Inc. (Consultant) whose address is 180 N Ashwood Avenue, Ventura CA 93003, and is made with reference to the following:

RECITALS

- A. On March 27, 2019, District and Consultant entered into a Professional Services Agreement (Agreement) for environmental consulting services for the Ventura-Santa Barbara Counties Intertie project (Project).
- B. On July 10, 2019, District and Consultant executed Amendment No. 1 to the Agreement.
- C. On November 12, 2020, District and Consultant executed Amendment No. 2 to the Agreement.
- D. On May 18, 2021, District and Consultant executed Amendment No. 3 to the Agreement.
- E. District desires to enter this Amendment No. 4 to reflect additional services not included in the Agreement, Amendment No. 1, Amendment No. 2, nor Amendment No. 3 to extend the term of the Agreement to May 31, 2022, and to increase the total compensation.
- F. District and Consultant mutually desire to amend the Agreement as provided below.

NOW, THEREFORE, it is mutually agreed by and between the undersigned parties as follows:

1. SCOPE OF SERVICES

Section 3 of the Agreement shall be supplemented to include Amendment Request No. 4 to Provide Additional Environmental Consulting Services for the Ventura – Santa Barbara Counties Intertie Project dated August 26, 2021, which is attached hereto as Exhibit A and incorporated herein by reference.

2. FEE FOR SERVICES

The second paragraph of Section 4 shall be replaced in its entirety with the following: The total fee for services shall not exceed \$243,728.00 without prior written consent of the District.

3. INTEGRATED CONTRACT

Except as expressly modified herein, all other provisions, terms, and covenants set forth in the Agreement shall remain unchanged and shall be in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Amendment to be executed on the day and year first above written.

ATTEST:

CASITAS MUNICIPAL WATER DISTRICT

By: _____

Secretary
Casitas Municipal Water District

Casitas Municipal Water District

APPROVED AS TO FORM:

John M. Mathews, Attorney
Arnold La Rochelle Mathews VanConas & Zirbel, LLC

RINCON CONSULTANTS, INC.

By: _____

Title: _____

Printed Name: _____



Rincon Consultants, Inc.

180 North Ashwood Avenue
Ventura, California 93003

805 644 4455 OFFICE AND FAX

info@rinconconsultants.com
www.rinconconsultants.com

August 26, 2021
Project No: 19-07446

Julia Aranda, Engineering Manager
Casitas Municipal Water District
1055 Ventura Avenue
Oak View, California 93022
Via email: jaranda@casitaswater.com

Subject: Amendment No. 4 to Provide Environmental Consulting Services for the Ventura-Santa Barbara Counties Intertie Project

Dear Ms. Aranda:

The purpose of this letter is to request a revised scope and budget amendment to the existing agreement for the Ventura-Santa Barbara Counties Intertie Project (project) between Casitas Municipal Water District (Casitas) and Rincon Consultants, Inc. (Rincon). On March 27, 2019, an original contract was executed in the amount of \$98,559. On July 10, 2019, Amendment No. 1 was executed, increasing the total contract to \$133,566. On November 12, 2020, Amendment No. 2 increased the total contract amount to \$185,140. On May 18, 2021, Amendment No. 3 increased the total contract amount to \$190,373.

This Amendment No. 4 is intended to address additional effort needed to revise the Public Review Draft IS-MND for recirculation due to changes made to the project description after the original public review period.

Understanding of the Project

The Ventura-Santa Barbara Counties Intertie Project Public Review Draft IS-MND was circulated for public review from April 2 to May 2, 2021. Since then, changes have been made to the project description, including:

- Removal of the previously identified site options for Booster Pump Station A (BPS-A) and Booster Pump Station B (BPS-B), and addition of new BPS-A and BPS-B site locations and staging areas;
- Relocation of western portion of Pipeline Segment 3B;
- Selection of the preferred engineering alternative for the pipeline alignment across Rincon Creek (Segments 1, 2B, and 3B [as adjusted] from the previously circulated Draft IS-MND);
- Addition of up to five new pipeline rehabilitation sites, which would involve temporary construction pits measuring approximately 400 square feet each;
- Addition of the Mountain System Vent site, which may include excavation along the ridge to install a new bypass pipeline; and
- Additional piping work and new dechlorination facility at the water treatment facility at the Casitas Dam.



The newly proposed project components were not analyzed in the previously circulated Public Review Draft IS-MND. As such, additional work is needed to revise the Public Review Draft IS-MND and technical reports for re-circulation.

In addition, Rincon understands Casitas may pursue new sources of funding for the project, including federal sources such as the State Water Resources Control Board (SWRCB) Clean Water State Revolving Fund (SRF) Program or the Federal Emergency Management Agency (FEMA) Building Resilient Infrastructure and Communities (BRIC) Program. Rincon also understands the Casitas Dam is under the jurisdiction of the United States Bureau of Reclamation (BOR). As such, additional work is needed to update the federal environmental cross-cutter analyses prepared for the original Administrative Draft IS-MND in 2019. We understand the BOR will likely be the lead agency under the National Environmental Policy Act (NEPA). The BOR will prepare necessary NEPA documentation, which it believes will include a Categorical Exclusion.

Revised Scope of Work

The revised scope of work includes the following tasks and builds on existing Tasks 1 through 13 in our currently authorized scope of work. This amendment accounts for additional work needed to complete biological and cultural field reconnaissance surveys of the new project locations, as well as work needed to revise the Public Review Draft IS-MND and technical reports for re-circulation.

Rincon's Amendment Request No. 3, dated May 18, 2021, included scope and budget for updates to the federal environmental cross-cutter analyses. As discussed after contract execution, because the Additional Supplemental Appropriation for Disaster Relief Act (ASADRA) program exempted funded projects from federal environmental cross-cutter analyses, Rincon did not update the federal cross-cutter analyses and instead pivoted to use this budget for unanticipated additional effort associated with the Notice of Intent (NOI), circulation of the Public Review Draft IS-MND, and coordination required in response to public comments received. As such, this Amendment Request No. 4 includes scope and budget to update the federal environmental cross-cutter analyses to support future federal funding pursuits.

Task 1. Project Initiation

The project initiation task has been completed.

Task 2. Biological Resources Assessment

The Biological Resources Assessment was originally completed in July 2019. The SRF Program requires United States Fish and Wildlife Service (USFWS) species lists in biological reports be less than one year old. The species list in the Biological Resources Assessment is dated May 2019. Therefore, Rincon will acquire an updated species list for the project area and update the Biological Resources Assessment accordingly. In addition, new project components have been added to the project area. Under this revised task, Rincon will implement the following subtasks.

Subtask 2.1 Literature/Database Research

Rincon will update the literature/database review of the California Department of Fish and Wildlife (CDFW) California Natural Diversity Database, CDFW Biogeographic Information and Observation



System, California Native Plant Society Online Inventory of Rare and Endangered Plants, and USFWS Critical Habitat Portal. In addition, an official species list from the USFWS Information for Planning and Consultation (iPaC) tool will be obtained, reviewed, and included as an appendix to the revised report (Subtask 2.3). We will also review other resources which may have been updated, including, but not limited to, aerial photographs, topographic maps, and other and available aquatic resources information.

Subtask 2.2 Field Survey

Following the literature/database review, a qualified Rincon biologist will conduct a field survey of the new project areas to confirm and/or update any biological conditions which may have changed since the previous surveys. The survey will include the new project areas as well as a 200-foot buffer where accessible. Areas that are inaccessible (e.g., private property) will be surveyed via binoculars from accessible areas. The survey will assess the potential presence of special-status biological resources, including plant and wildlife species, plant communities, jurisdictional waters and wetlands, and suitable habitat for nesting birds. The identification of potential special-status species' habitat is based on a suitability analysis level only and does not include definitive surveys for the presence or absence of the species which may be present, including, but not limited to, California red-legged frog, legless lizard, and monarch butterfly. The field survey will take no more than two biologists surveying for two 8-hour days, including drive time. This scope of work does not include species-specific surveys. However, if Rincon biologists determine certain special-status plant or wildlife species surveys are required, we will contact Casitas staff immediately. Additional surveys will require an amendment to the scope of work and cost for this project. It is noted such species-specific survey protocols may require extensive field survey time to be conducted only at certain times of the year.

Subtask 2.3 Biological Resources Assessment Update

Based on the results of the literature/database research and field survey, Rincon will update the findings of the 2019 Biological Resources Assessment (BRA). The BRA will include the following information:

- Project/construction footprint description
- Survey area description and survey methodology
- Biological inventory
- Physical site characteristics (topography, soil, drainages)
- Habitat classifications and mapping
- Plant and wildlife species observed on site
- Identification and analysis of special-status species observed or expected
- Nesting bird habitat assessment
- Wildlife movement evaluation
- General protected tree assessment
- Potential jurisdictional areas evaluation
- Impact assessment
 - Special-status species tables which provide the current status of each species identified, habitat requirements, and the potential for occurrence within or near the project limits



- Comparison of the impacts which would result from the proposed project-related activities with identified special-status habitats and/or species, jurisdictional areas, protected trees, wildlife movement, and nesting birds
- Recommendations to avoid and/or minimize impacts to protected biological resources and identification of mitigation measures to mitigate impacts to regulated biological resources which cannot be avoided or minimized
- Photo-documentation of the existing site conditions
- Graphics depicting site location, habitats, potential jurisdictional areas, and special-status species (if found)

An electronic draft version of the report will be submitted to Casitas for review. Rincon assumes one round of comments will be necessary. It is also assumed comments will be provided in a consolidated and electronic, editable format. Once reviewed, digital copies of the final report will be prepared and submitted. All deliverables will be digital; no printing or shipping costs are included.

Task 3. Cultural Resources Technical Study

The California Office of Historic Preservation generally recommends cultural resources investigations be updated every five years. Because the previous cultural resources technical study was completed between May 2019 and February 2021, much of the previously prepared analysis remains valid. However, due to the new project elements, some areas of the previous study will need to be supplemented as detailed below.

Rincon understands the project has a federal nexus and therefore will be subject to Section 106 of the National Historic Preservation Act (Section 106) in addition to CEQA. A combined cultural resources technical study will be completed to meet both federal and State regulations. The Area of Potential Effects (APE) map will be updated to include the new project areas; Rincon assumes the APE will be limited to the direct footprint based on our experience and the nature of the project. A supplemental records search of the California Historical Resources Information System (CHRIS) will also be required to capture areas which were not covered in the previous study. Those areas which will require a supplemental CHRIS search appear to be located within Ventura County and therefore the search will be completed by staff at the South Central Coastal Information Center at California State University, Fullerton. The search will include the new project sites plus a 0.5-mile buffer and is not anticipated to exceed \$750. Section 106 consultation will also be updated to include outreach to local Native American tribes and individuals, and local historic groups and government as appropriate. A cultural resources field survey will then be completed to survey new project areas. Rincon assumes the survey will not exceed one eight-hour day and will be completed by one cultural resources specialist. We further assume no more than two built environment cultural resources will be identified during the survey, one of which will be the Casitas Dam. We understand the Casitas Dam has been subject to previous cultural resources investigations by the BOR and assume the documentation from those investigations will be made available to Rincon. Rincon will subsequently update the cultural resources technical report to include the supplemental background research and survey results.

An electronic draft version of the report will be submitted to Casitas for review. Rincon assumes one round of comments will be necessary. It is also assumed comments will be provided in a consolidated and electronic, editable format. Once reviewed, digital copies of the final report will be prepared and submitted. All deliverables will be digital; no printing or shipping costs are included.



Task 4. Paleontological Resources Assessment

The Paleontological Resources Assessment will be updated to account for the revised project description. Rincon assumes no fieldwork will be necessary to complete this task. Rincon will conduct a paleontological resources study to identify the geologic units that may be impacted by project development, determine the paleontological sensitivity of geologic unit(s) within the project site, assess potential for impacts to paleontological resources from development of the proposed project, and recommend mitigation measures to avoid or mitigate impacts to scientifically significant paleontological resources. The paleontological resource study will be designed to support applicable environmental review and consist of reviewing existing geologic maps, searching online museum databases (e.g., University of California Museum of Paleontology), and examining primary literature regarding fossiliferous geologic units within the project vicinity and region.

A paleontological locality search of United States Geological Survey 7.5-minute topographic map White Ledge Peak was conducted to complete the original assessment. The latest revisions to the project area exceed the boundary of this quadrangle. Due to the project area revisions exceeding the boundary of the White Ledge Peak quadrangle and extending into two other quadrangles (Matilija and Ventura), this amendment will include a records search for these two additional quadrangles.

Rincon will summarize the results in a paleontological resources technical report. The report will discuss the results of the literature review and additional records search, provide a discussion of the regional geology and the geologic unit(s) present within the project site, characterize the paleontological sensitivity of the geologic units present within the project site using the Society of Vertebrate Paleontology's paleontological sensitivity classification system, assess the potential for significant impacts to scientifically important paleontological resources under federal and State guidelines, and provide management recommendations for avoiding or reducing impacts to paleontological resources from project development as necessary.

An electronic draft version of the report will be submitted to Casitas for review. Rincon assumes one round of comments will be necessary. It is also assumed comments will be provided in a consolidated and electronic, editable format. Once reviewed, digital copies of the final report will be prepared and submitted. All deliverables will be digital; no printing or shipping costs are included.

Task 5. Administrative Draft IS-MND

The Administrative Draft IS-MND has been completed. No changes are proposed to this task.

Task 6. Public Review Draft IS-MND

Rincon will revise the Public Review Draft IS-MND to account for the revised project description. This task will include revising the environmental impacts analysis in the Public Review Draft IS-MND. The revised Public Review Draft IS-MND will include changes based on work completed under Tasks 2 through 4 above. Additionally, Rincon will revise the project's noise analysis, which will include conducting two additional short-term (10- to 15-minute) noise measurements at the new booster pump station locations as well as re-modeling construction noise impacts of the booster pump stations in the Roadway Construction Noise Model and the operational noise impacts of the booster pump stations in SoundPlan. Rincon will also revise the responses to other environmental resource topics as applicable.



In addition, Rincon will incorporate revisions to address public comment letters received during the original public review period. We assume Rincon will respond to one round of electronic comments on a Word version of the Public Review Draft IS-MND. An electronic pdf version will be submitted to Casitas for final approval. Rincon will provide a PDF electronic version for posting on Casitas' website and submit the document to the State Clearinghouse on behalf of Casitas. Rincon will also distribute a Notice of Intent (NOI) to Adopt an MND along with a USB flash drive containing the Draft IS-MND to up to 20 mailing addresses and file the NOI with the Ventura and Santa Barbara County Clerks. We assume Casitas will be responsible for publishing the notice in a local newspaper(s) and/or noticing via direct mailing to the owners and occupants of property contiguous to the project site, as well as payment of required County Clerk filing fees; however, if desired, Rincon can coordinate such noticing at an additional cost. Additionally, hardcopies or USB drives of the Draft IS-MND can be provided at an additional cost upon request.

Task 7. Final IS-MND

No changes are proposed to this task. The text below has been provided to reiterate Rincon's outstanding scope from our current contract.

Upon receipt of public comments on the Draft IS-MND, Rincon will prepare draft responses to comments and the administrative Final IS-MND for Casitas review. We assume there will be moderate public comments on the Draft IS-MND based on the comments received during the public comment period on the original Draft IS-MND. However, if there is a substantial number of comments requiring a response, a budget amendment may be required. Rincon will also prepare the Mitigation Monitoring and Reporting Program (MMRP). The MMRP will list in tabular format the mitigation measures and corresponding monitoring requirements, the entities responsible for monitoring and completing the mitigation, and schedule for mitigation implementation.

Rincon will provide the administrative Final IS-MND (including draft responses to public comments and the MMRP) in electronic format for Casitas review. Rincon will revise the Final IS-MND based on one round of consolidated comments from Casitas to be provided in an electronic, editable format. Rincon will then provide electronic versions of the Final IS-MND to Casitas for distribution. Upon adoption of the Final MND and approval of the project, Rincon will prepare and file with the State Clearinghouse and County Clerks the Notice of Determination (NOD). We assume Casitas will be responsible for paying applicable filing fees. We can coordinate payment of the required fees, if desired, pursuant to written authorization to invoice the fee amounts. Hardcopies of the Final IS-MND can be provided at an additional cost upon request.

Task 8. Regulatory Permitting

No changes are proposed to this task.

Task 9. Federal Clean Air Act Conformity Applicability Analysis

Rincon will update the air pollutant emissions modeling in the Roadway Construction Emissions Model to account for the changes to the project description. Rincon will notify Casitas immediately if the modeled emissions require mitigation to reduce potential impacts to a less-than-significant level.



Task 10. Public Meeting/Hearing

No changes are proposed to this task. The text below has been provided to reiterate Rincon's outstanding scope from our current contract.

Rincon's Project Manager and/or Principal-in-Charge will attend one virtual public meeting or hearing related to the IS-MND. Attendance will include an oral presentation, if requested by Casitas. If needed, Rincon will attend additional meetings or hearings on a time-and-materials basis, in accordance with our standard fee schedule.

Task 11. Project Management

Project management tasks include in-house management of Rincon staff during the remainder of this scope of work, responding to telephone calls and emails regarding the project, monitoring the project budget and schedule, and other similar tasks.

Task 12. AB 52 Consultation Assistance

Under Assembly Bill (AB) 52, Casitas, as the CEQA lead agency, is required to begin consultation with California Native American tribes that are traditionally and culturally affiliated with the project area prior to the release of a negative declaration, mitigated negative declaration, or environmental impact report. Although this consultation was previously completed, changes to the project necessitate AB 52 consultation be updated. Rincon will assist Casitas with consultation under AB 52 by providing Casitas with letter templates, checklists, and detailed instructions to ensure meaningful consultation with interested Native American groups can be completed in accordance with AB 52. This task does not include costs for meetings, outreach, or additional consultation by Rincon or the mailing of any letters to tribal governments. Rincon can assist with these tasks for an additional cost. Rincon will request an AB 52 consultation list from the Native American Heritage Commission on behalf of Casitas, should Casitas choose to request such a list from the Native American Heritage Commission. Rincon will incorporate the results of AB 52 consultation into the Tribal Cultural Resources section of the IS-MND.

Task 13. Biological Resources Scoping Visit

No changes are proposed to this task, as the biological resources scoping visit has been completed.

Assumptions

Rincon has made the following assumptions in developing the scope of work for the revised proposed project:

- Complete site plans in portable document format (PDF) and Geographic Information System (GIS) or a georeferenced AutoCAD format will be provided prior to initiation of database/literature review and field work
- Rincon will be provided safe access and full right of entry to all portions of the project site prior to conducting fieldwork
- The additional surveys for biological and cultural resources will include the new project areas illustrated in the "210805_SB-VTA Latest and Greatest Project Limits.kmz" Google Earth KMZ file as well as an appropriate buffer where accessible



- Rincon assumes one round of revisions by Casitas will be needed for each document in this scope of work. If additional revisions are needed, they can be completed under an expanded scope and cost.
- In light of the current COVID-19 pandemic, Rincon staff will conduct the scope of work in accordance with the latest relevant, local COVID-19 safety protocols and social distancing guidance. Should safety protocols and social distancing guidance change during Rincon’s authorized activities so they may affect the schedule or cost, we will consult with Casitas on next steps and the potential need to adjust the scope and budget.

Cost Estimate

Our cost estimate for the additional scope of work described above is **\$53,355**, increasing the total contract amount from \$190,373 to **\$243,728**. The table on the following page shows a breakdown on costs by task. Cost estimates are based on Rincon’s standard fee schedule and labor classifications. The cost table is provided as an estimate of Rincon’s effort per task. Rincon may reallocate budget between staff and tasks, as long as the total contract price is not exceeded.

Closing

This proposal is valid for a period of 60 days and is fully negotiable to meet the needs of Casitas. We appreciate the opportunity to continue to assist Casitas with this project. Please let us know if you have questions regarding this proposal.

Sincerely,

Rincon Consultants, Inc.

Melissa J. Whittemore
Supervising Environmental Planner

Jennifer Haddow, PhD
Principal Environmental Scientist



RINCON CONSULTANTS, INC.
 Ventura-Santa Barbara Counties Intertie Project

Cost Estimate - Amendment No. 4

Tasks	Labor	Direct Expense	Budget
Task 1. Project Initiation			
Task 2. Biological Resources Assessment	\$14,529	\$370	\$14,899
Task 3. Cultural Resources Technical Study	\$11,485	\$1,048	\$12,533
Task 4. Paleontological Resources Assessment	\$4,248	\$690	\$4,938
Task 5. Administrative Draft IS-MND			
Task 6. Public Review Draft IS-MND	\$11,800	\$588	\$12,388
Task 7. Final IS-MND			
Task 8. Regulatory Permitting			
Task 9. Federal Clean Air Act Conformity Analysis	\$2,344		\$2,344
Task 10. Public Meeting/Hearing			
Task 11. Project Management	\$5,200		\$5,200
Task 12. AB 52 Consultation Assistance	\$1,053		\$1,053
Task 13. Biological Resources Scoping Visit			
TOTAL PROJECT BUDGET	\$ 50,659	\$ 2,696	\$ 53,355

Direct Cost Summary

Vehicle Costs	\$ 340
Sound Level Metering Field Package: anemometer, tripod	\$ 103
Standard Field Equipment Package	\$ 300
Printing	\$ 60
Postage	\$ 140
Records Searches	\$ 1,553
Subtotal Additional Costs	\$ 2,696

Overall Budget Summary

Original Budget (March 27, 2019)	\$ 98,559
Amendment No. 1 (July 10, 2019)	\$ 35,007
Amendment No. 2 (November 12, 2020)	\$ 51,574
Amendment No. 3 (May 18, 2021)	\$ 5,233
Amendment No. 4 (August 25, 2021)	\$ 53,355
Total Project Budget	\$ 243,728

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL L. FLOOD, GENERAL MANAGER
SUBJECT: LION ST PIPELINE REPLACEMENT AND FAIRVIEW ROAD CONNECTIONS, SPEC. NO. 20-437, CHANGE ORDER NO. 1
DATE: 10/13/2021

RECOMMENDATION:

- Approve Change Order No. 1 to Tierra Contracting for the Lion St Pipeline Replacement and Fairview Road Connections, Spec. No. 20-437 in the amount of \$33,465.00.

BACKGROUND:

The Lion Street Pipeline Replacement and Fairview Road Connections project included a jack and bore section under the Lion Street bridge. Upon excavation to prepare for the jack and bore for the new pipeline it was discovered the soil conditions were much rockier than anticipated. Therefore, the casing for the new pipeline needed to be upsized from 16-inch to 28-inch to accommodate the larger diameter rocks discovered.

Additionally, it was discovered an existing 8-inch valve on the north end of Lion Street in Grand Avenue was not functioning properly for the upcoming 4-inch pipeline abandonment in Lion Street so the replacement of this valve is also included in the additional work.

The attached Change Order No. 1 describes the additional cost for the extra work. Table 1 summarizes the total contract costs to date.

Table 1 – Tierra Contracting Contract Summary

Original Contract	\$588,993.00
Change Order No. 1	\$ 33,465.00
Total Contract	\$622,458.00

FISCAL IMPACT:

The FY 2021-22 Budget includes \$620,000 from CFD 2013-1 funding for this project.

Attachment: Change Order No. 1



CHANGE ORDER #1

September 27, 2021

PROJECT: Lion St Pipeline Replacement and Fairview Road Connections Specification 20-437
CONTRACTOR: Tierra Contracting
ADDRESS: 5484 Overpass Road, Santa Barbara, CA 93111

ITEM	DESCRIPTION OF WORK	TOTAL
1	Cost associated with increasing the jack and bore casing diameter from 16-inch to 28-inch underneath the Lion St bridge.	\$ 26,250.00
2	Cost associated with replacement of existing non-functional 8-inch gate valve at Lion St and Grand Ave intersection.	\$ 7,215.00

TOTAL AMOUNT OF CHANGE ORDER NO. 1	<u>\$ 33,465.00</u>
ORIGINAL CONTRACT AMOUNT	<u>\$ 588,993.00</u>
PREVIOUS APPROVED CHANGE ORDER AMOUNT	<u>\$ 0.00</u>
NEW CONTRACT AMOUNT	<u>\$ 622,458.00</u>
EXTENSION OF CONTRACT TIME <u>-5-</u> DAYS	

CASITAS MUNICIPAL WATER DISTRICT

By: _____
MICHAEL L. FLOOD
GENERAL MANAGER

DATE: _____

TIERRA CONTRACTING, INC.

By: _____

DATE: _____

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS

FROM: MICHAEL FLOOD, GENERAL MANAGER

SUBJECT: DISCUSSION OF WATER EFFICIENCY ALLOCATION PROGRAM (WEAP)
RESIDENTIAL ALLOCATION POLICIES AND ALLOCATIONS BY CUSTOMER
CLASS

DATE: 10/13/21

RECOMMENDATION:

It is recommended the Board of Directors discuss the Water Efficiency Allocation Program; specifically, the lake level triggers for drought stages; and direct staff as appropriate.

BACKGROUND:

During drought conditions, the Water Efficiency and Allocation Program (WEAP) is a cornerstone policy for Casitas' demand management. The WEAP describes the water demand reduction strategies and measures to address water shortage conditions, promote water conservation and the efficient use of water, and the application of a penalty to customers who waste water. The WEAP was originally developed in response to the 1987-1991 drought period, and the collective work in 1992 set the starting point for a system of water allocation assignments and demand response criteria based on the level of water storage in Lake Casitas.

Under the WEAP, each customer is assigned an individual allocation based on reasonable use for their water use classification and property characteristics. The allocation is comprised of both essential and non-essential uses. As Lake Casitas levels decline, the non-essential portion of the allocations are reduced according to mandatory water use reductions associated with each declared water shortage stage. The demand reduction actions for Stages 1-5, which pertain to declining lake levels during extended drought conditions, are summarized in the currently adopted WEAP (Attachment 1).

Casitas' customer billing system contains a database to compare actual water use against allocations on a monthly and annual basis, and the District may issue penalties for any excess water used over the allocated amount. In addition to water allocations, the District may consider additional specific water use prohibitions to augment its ongoing Water Waste Prevention Ordinance. Implementation of the WEAP during the most recent drought has resulted in consistent overall demand reduction of approximately 35-50 percent.

DISCUSSION:

On July 14, 2021, the Board discussed potential policy updates to the WEAP, and directed staff to proceed with review of the following items:

- Evaluate Annual Allocations for Residential Customers
- Review Allocations by Customer Class
- Lake Level Triggers for Stages
- Multi-Family Residential Allocation Policies
- Allocation Penalty Appeal Process

On September 21, 2021 the Board discussed the first two items 1) annual residential allocations, and 2) allocations by customer class. Staff is now requesting direction on the lake level triggers for stages, and the he remaining items will be brought back for discussion at a subsequent Board meeting.

A presentation will be provided (Attachment 2).

Lake Level Triggers for Stages

To address the water shortage risk that may occur during an extended drought, the Casitas Board established a series of five storage levels of Lake Casitas at which the Board could take actions to restrict the annual water extractions from Lake Casitas. The current drought stages and lake levels that trigger additional actions are summarized on Table 1.

The stages and lake action levels were established in the 1990's, and are incorporated in to the 2003 Biological Opinion implementation. Specifically, the second and fifth stages of the WEAP program (and 100,000 AF and 65,000 AF storage levels) serve as triggers for the Critical Drought Protection Measures outlined in the 2003 Biological Opinion.

TABLE 1. LAKE CASITAS

Stage	Stage Title	Lake Casitas Storage, %	Lake Casitas Storage Action/Trigger Level (acre-feet)
1	Water Conservation	100%-50%	237,761 to 118,880
2	Water Shortage Warning	50%-40%	118,880 to 95,104
3	Water Shortage Eminent	40%-30%	95,104 to 71,328
4	Severe Water Shortage	30%-25%	71,328 to 59,440
5	Critical Water Shortage	25%-0%	59,440 to 3,000

Staff will review the current and alternative lake level triggers, as well as the biological opinion and supply impact considerations for each.

WATER EFFICIENCY AND ALLOCATION PROGRAM

Casitas Municipal Water District

May 12, 2021

SECTION 1: INTRODUCTION

In 1992 the Casitas Municipal Water District (Casitas) adopted a series of ordinances, resolutions, and a Water Efficiency and Allocation Program (WEAP) in response to the increasing water demands and declining water storage in Lake Casitas experienced during the 1987-1991 drought period. The collective work in 1992 set the starting point for a system of water allocation assignments and demand response criteria that are based on the level of water storage in Lake Casitas. Since 1992, there has been a significant outreach by Casitas to raise the public's awareness on the importance to conserve local water supplies, changes in the water supply and demand, regulatory compliance directives pursuant to the Endangered Species Act (ESA), and system outage events that temporarily activated Casitas' emergency response plan. All of these factors, including the responses and experiences of the current drought, are considered in the update of the Water Efficiency and Allocation Program.

1.1 Purpose and Principles of the Plan.

The purpose of this update of the WEAP is to provide guidance on water supply and demand strategies that (1) conserve the water supply of the Ventura River Project, Lake Casitas and other water resources that are in the direct control of Casitas, for the greatest public benefit, (2) mitigate the effects of a water shortage on public health and safety and economic activity, (3) allocate water use so that a reliable and sustainable supply of water will be available for the most essential purposes under all water storage conditions of Lake Casitas, and (4) adapt to changing conditions of water supply demand and constraints.

The WEAP describes the water demand reduction strategies and measures to address future water shortage conditions, promote water conservation and the efficient use of water, and the application of a conservation penalty to customers who waste water.

1.2 Relationship between this Document, Water Codes, and Other Plans.

This WEAP shall be guided by State regulations and planning requirements as provided by the California Water Code that provides Casitas with broad powers to implement and enforce regulations and restrictions for managing a water shortage (§71640-71644), to implement water conservation programs (§375--378), to implement allocation-based conservation water pricing (§370-374), and to declare a water shortage emergency (§350-359).

As required by Water Code Section 10632, this WEAP shall be integrated as a part of the Casitas Urban Water Management Plan (UWMP), as amended or updated every five years. The Casitas 2010 UWMP has been accepted and approved by the State Department of Water Resources. The UWMP provides an in-depth description of the Casitas water system, water resources and demands, and water supply reliability. For the purposes of integration and lessening the conflicts due to the replication of information, the WEAP shall rely on the updates of the Water Code Sections provided in the attached Appendices and UWMP, as amended or updated every five years.

SECTION 2: WATER SUPPLY AND DEMAND CONDITIONS

2.1 Water Supply.

The water supply for Casitas is derived from (1) the watersheds that flow directly and indirectly by diversion from the Ventura River of water during wet years to carryover storage in Lake Casitas for use during dry years, and (2) groundwater to the extent that Casitas has its own groundwater supply. The watersheds of the Ventura River region are subject to an extreme variation in the weather patterns, ranging from multiple years of drought to sometimes significant wet year events that are associated with El Nino conditions that add to the uncertainty of available local water supplies.

2.1.1 Surface Water.

The primary goal of Casitas is to provide a safe and reliable water supply. Due to the uncertainty of weather conditions that provide water to the local watersheds, a safe yield modeling has been implemented to provide guidance on water supply availability. The safe yield modeling criteria for the Casitas surface water supply provides a theoretical rate of decline in available water supply during a critical drought period, that if given a specific annual extraction rate from storage, that would reduce Lake Casitas to an exhausted minimum pool.

The sizing of Lake Casitas storage volume and the determination of the annual safe yield of water from Lake Casitas was originally determined by the Bureau of Reclamation in 1954, based on the hydrologic modeling for the critical drought period that started in 1919 and continued through 1936. The storage volume of the off stream reservoir, Lake Casitas, was set to be 254,000 acre-feet and the annual safe yield was determined to be 28,000 acre-feet. In 2004, Casitas recalculated the annual safe yield of Lake Casitas for the drought period of 1944 to 1965 based on newer knowledge of the diminished value of Matilija Reservoir and its impending removal, and the change in Robles Diversion operations resulting from the 2003 Biological Opinion established by the National Marine Fisheries Service pursuant to the federal Endangered Species Act. The recalculated annual safe yield of Lake Casitas was determined to be 20,840 acre-feet per year.

The safe yield trend for the 1944-1965 critical drought period is illustrated in Figure 1, with the assumption that the critical drought period begins with a full reservoir. The modeling applies the hydrology, river diversions operations, and lake evaporation for the period (1944-1965) that contribute to the Lake Casitas storage. The safe yield is a constant extraction rate from lake storage that contribute to the decline in Lake Casitas storage during the critical drought period, taking lake storage from full capacity to a minimum pool condition. Based on the safe yield model with a continuous and steady extraction rate, or safe yield, of water at 20,840 acre-feet each year, Lake Casitas would decline from full storage to minimum pool in approximately twenty years.

Also included in Figure 1 is the Recovery Period of Lake Casitas, which illustrates the actual filling rate experienced at Lake Casitas during the 1959 to 1978 period. The recovery of the Lake Casitas volume during the Recovery Period that is illustrated in Figure 1 cannot be assumed as the normal or common sequence given the variability of the rainfall amounts in the Ventura River watershed, constraints, and other influences to Lake Casitas inflow and storage. Casitas may experience elevated water supply risks that could be associated with a delay in the start of the recovery period while at minimum pool in Lake Casitas, or there could be a condition where the critical drought period begins with a partially recovered storage level in Lake Casitas.

The availability of the Lake Casitas supply can be influenced or impacted by long-term droughts, changes to lake water quality, and/or changes to diversion and storage conditions. The safe yield of Lake Casitas and annual water availability may need to be reconsidered in the future as a result of changing conditions or new information that differs from the present conditions.

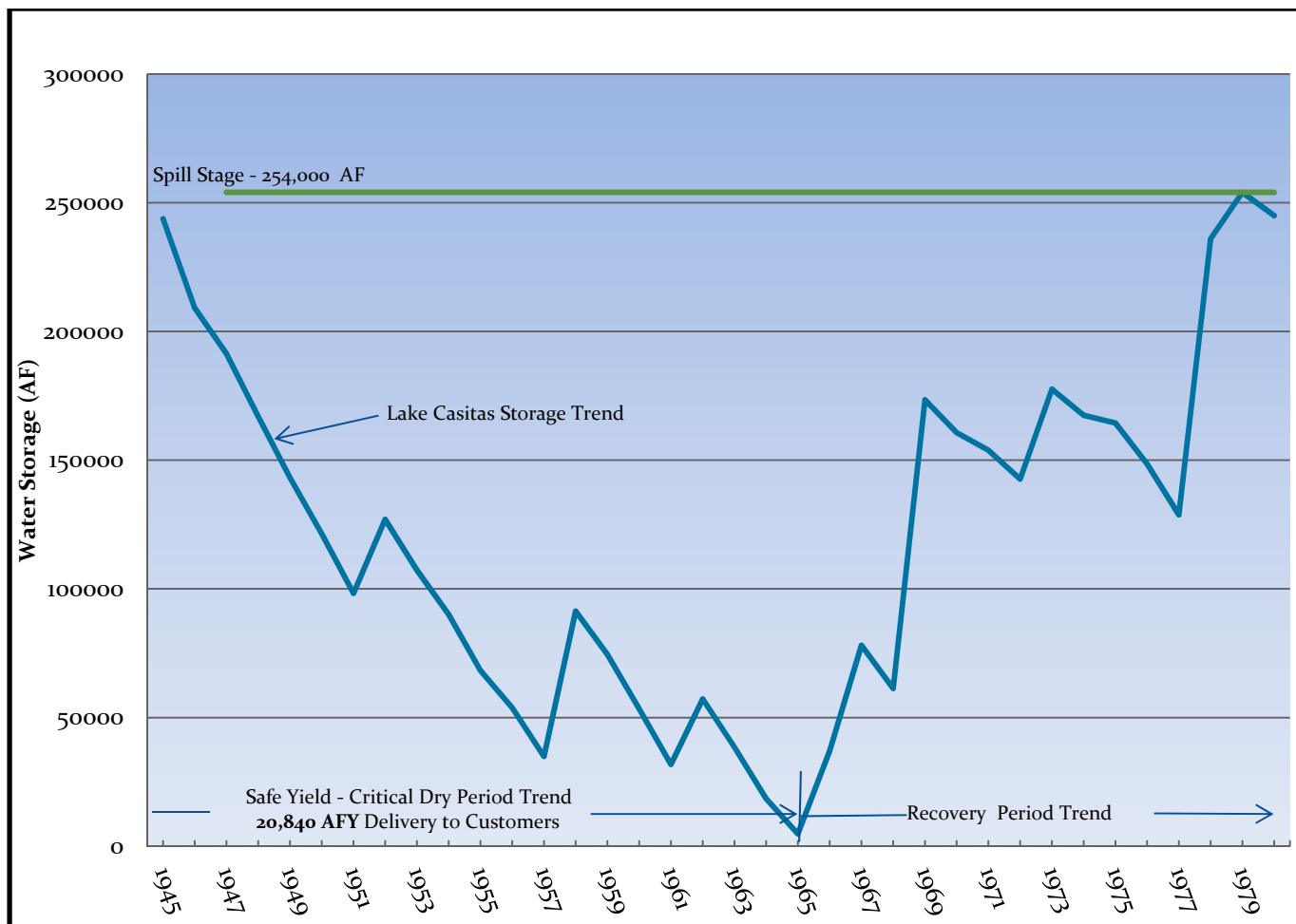


Figure 1 – Lake Casitas Safe Yield Storage and Recovery Period Trends

2.1.2 Groundwater.

Within Casitas’ district boundaries, there are several local groundwater basins that are primary and critical sources of water supply for other local water purveyors (public, mutual and private), individual residential use and agriculture. During extended periods of drought with several years of less than average rainfall (20-inches) the local groundwater basins can become depleted due to pumping, natural drainage and evapotranspiration. The Lake Casitas surface water supply serves as a back-up water supply to the groundwater supply during times of extended drought.

Table 1 – Groundwater Basins of the Ventura River Watershed

Groundwater Basin	Acres	Max. Capacity (AF)	Approx. Safe Yield (AF/Yr.)
Upper Ojai	2,840	5,681	Unavailable
Ojai Valley	6,471	85,000	5,026

Upper Ventura River	9,360	35,118	9,482
Lower Ventura River	6,090	8,743	2,130

Source: Ventura River Watershed Council

The groundwater basins have demonstrated an ability to recharge rapidly in any one year with sufficient rainfall events, upon which time groundwater becomes the preferred source for those with well pumping access to the groundwater basins.

2.2 Water Demand.

The Casitas Board of Directors has established that the average long-term demand upon Lake Casitas must not exceed the annual safe yield of Lake Casitas supply. As a result of the 1987-1991, multi-year drought that resulted in water demands exceeding the annual safe yield, Casitas implemented specific actions in 1992 to limit water demands. The actions included the declaration of a voluntary twenty percent reduction in water demand, the assignment of water allocations based on 80 percent of FY1989-90 water usage that reflects a reduction in demand that comports more closely to safe yield of the Lake Casitas Supply, the implementation of water conservation measures to assist water users in adapting to less water consumption, and the limiting of new water service connections and expansions of agricultural plantings. Table 2 provides a comparison of classification water use, from prior to the action being taken by Casitas, to the level of water use during the recent drought. The FY 1989-90 water demand is recognized as being a high extreme water demand year at the end of the four year drought period.

Table 2 – Water Use Comparison by Customer Classification

Classification	No. of Service Connections		Water Demand – Lake Casitas (AF)		
	FY 1989-90	FY 2013-14	FY 1989-90	FY 2012-13	FY 2013-14
Residential	2424	2700	1603	1678	1738
Business	93	108	821	663	724
Industrial	12	9	155	23	22
Other	33	41	530	244	255
Resale Gravity	8	8	7724	4642	5614
Resale Pumped	15	15	1027	551	1182
Irrigation	253	251	11706	7978	9385
Interdepartmental	21	21	343	120	119
Temporary			11	13	55
Total	2,859	3,153	23,909	15,899	19,094

The local groundwater resources of the Ojai Valley and Ventura River provide on average 7,385 acre-feet per year (Daniel B. Stephens, 2010) to municipal, residential and agricultural pumpers. During multiple dry years, the groundwater basins become depleted and groundwater demands are met by supplementing groundwater supply from the Lake Casitas supply. In most cases, groundwater pumpers have a water service connection to Casitas as a backup supply of water. During any year or multiple dry year sequence of less than average rainfall, Casitas can anticipate that a portion of the 7,385 acre-feet of groundwater demand may be supplemented by the Lake Casitas supply. When groundwater basins are restored by rainfall events, groundwater pumpers convert back to the less expensive groundwater supply. The demand shifts are illustrated in Table 2 and Figure 2 for various classifications of water consumers. The FY 1989-90 and FY 2013-14 water demands occurred at the end of a three-year drought sequence.

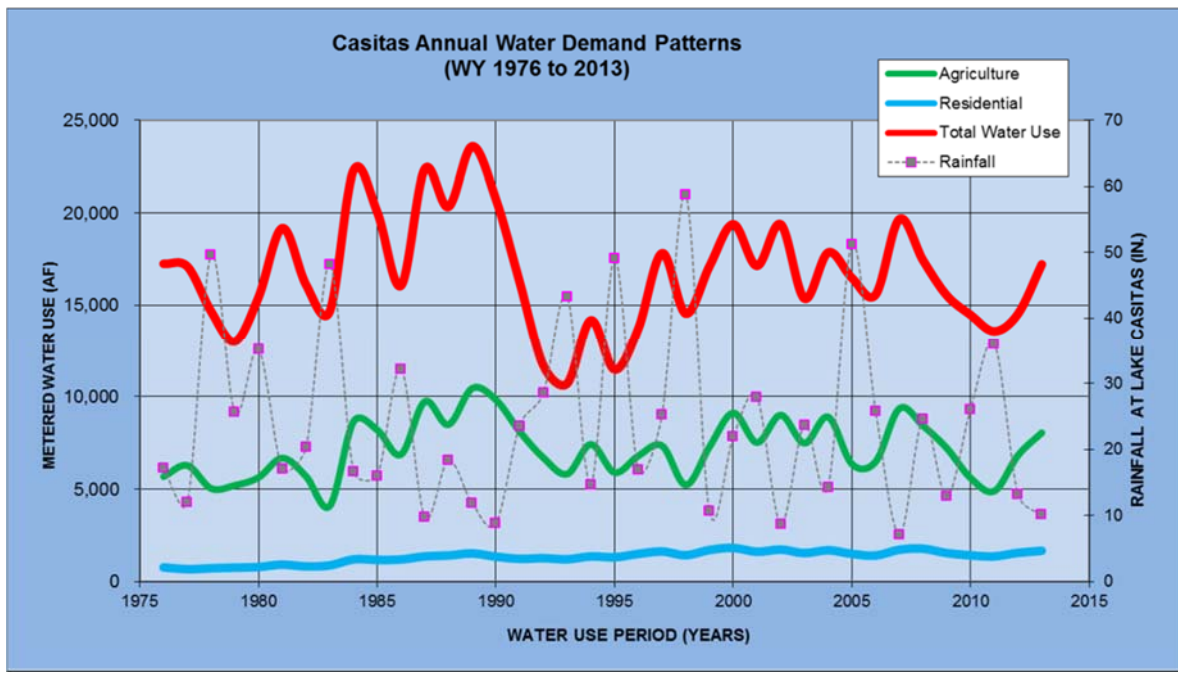


Figure 2 – Casitas Annual Demand Patterns

2.3 Priorities of Water Use.

Casitas recognizes the following priorities for potable water:

- 1) Public safety, health and sanitation;
- 2) Economic sustainability; and
- 3) Quality of life for the district’s customers.

Within each of the customer classifications there may be water uses that are considered non-essential to public health and sanitation and may have no significant impact to the economic productivity of the western Ventura County. The non-essential water uses may be asked at any time to be curtailed during times of extreme water shortages.

Casitas recognizes that the agricultural crops in western Ventura County are primarily tree orchards that require a substantial period of time before becoming productive, and if fallowed will experience several years of non-production. To maintain water supplies into the future that will meet the local water demands, Casitas and the public may be faced with additional decisions on water use reductions that may impact the agricultural classification.

SECTION 3: WATER SHORTAGE EMERGENCY ACTIONS

3.1 Urban Water Contingency Analysis.

Water Code 10632 requires that the agency’s Urban Water Management Plan provide an urban water shortage contingency analysis that includes specific elements that are within the authority of the urban water supplier. The required water shortage analysis is performed in the Casitas 2010 Urban Water Management Plan, and is further supported by this WEAP and the Casitas Emergency Response Plan, as amended.

3.2 Water Shortage Emergencies.

Water Code §350-359 provides that the governing body of a distributor of a public water supply may declare a water shortage emergency condition to prevail within the service area whenever it finds and determines that the ordinary demands cannot be satisfied without depleting water supplies to the extent that there would be insufficient water for human consumption. When deemed as a water shortage emergency in accordance with Water Code 350, Casitas shall follow the procedures provided by the Water Code in the implementation of the water shortage declaration and actions.

The State of California, through its authority under the Water Code and Government Code, may declare a water shortage emergency and require curtailment of water use that is above and beyond the requirements of the Casitas WEAP. Customers of Casitas must respond and comply with the orders of the State in a timely manner. A failure to comply may cause the State to impose fines and penalties that will be redistributed to the customers of Casitas in a manner determined by the Casitas Board of Directors.

3.3 Water Shortage Contingency Plan.

The District has prepared a Water Shortage Contingency Plan (Resolution 92-11), and further defined in the Casitas Urban Water Management Plan, that addresses emergencies under short-term, catastrophic events, and long-term water shortages that may occur as a result of a prolonged drought.

A water shortage emergency may be determined to exist in the event of a short-term interruption of water supply or as a result of long-term diminishment of the Lake Casitas water supply. A short-term interruption of water supply can be the result of earthquakes, regional power outages, landslides, or other major and minor events that impact Casitas water facilities or supply. These events are more often a short term interruption of water supplies until the water system can be restored to the customers. A long-term or district-wide condition may be the result of drought conditions or a reduction in local water supplies that will require long-term water supply-demand management.

The Casitas response to a short-term interruption of water supply may cause the implementation of the Casitas Emergency Action Plan that is structured under the State's Standardized Emergency Management System (SEMS), in coordination with federal, state and county emergency response planning that provides the framework for an organized response to catastrophic events.

3.4 Water Waste Prohibitions on Certain Uses.

Water Code § 71640 provides the District the authority to restrict the use of district water during any emergency caused by drought, or other threatened or existing water shortage, and the district may prohibit the wastage of district water or the use of district water during such periods for any purpose other than household uses or such other restricted uses as the district determines to be necessary. The District may also prohibit use of district water during such periods for specific uses which it finds to be nonessential.

SECTION 4: STRATEGY FOR MANAGED WATER SUPPLY AND DEMAND

4.1 Strategy Principles.

The communities and rural agricultural areas of western Ventura County recognize that there is a reliance on limited local groundwater and surface water supply to serve all of the beneficial uses within the District, and there is a local responsibility required to sustain those supplies during

extended drought periods. The continuous implementation of water conservation education and measures (Best Management Practices) has had a significant influence on the beneficial use and sustainability of local water supplies. Ongoing water conservation efforts can ease the impact on normal activities during drought periods, but may not completely eliminate the need for reductions in water use during periods when Lake Casitas water supplies are severely impacted by extended drought. The main mechanism to respond to water supply conditions is to rely on informed customers working in partnership with Casitas to limit water use to no more than the assigned water allocation and support the water use limitations with appropriate conservation penalties for water use in excess of the assigned, or adjusted, allocation.

To address the water shortage risk that may occur during an extended drought, the Casitas Board established in the Casitas Urban Water Management Plan of 1995 a series of five storage levels of Lake Casitas at which the Board could take actions to restrict the annual water extractions from Lake Casitas. The safe yield trend and the five stages of restrictive actions are illustrated in Figure 3.

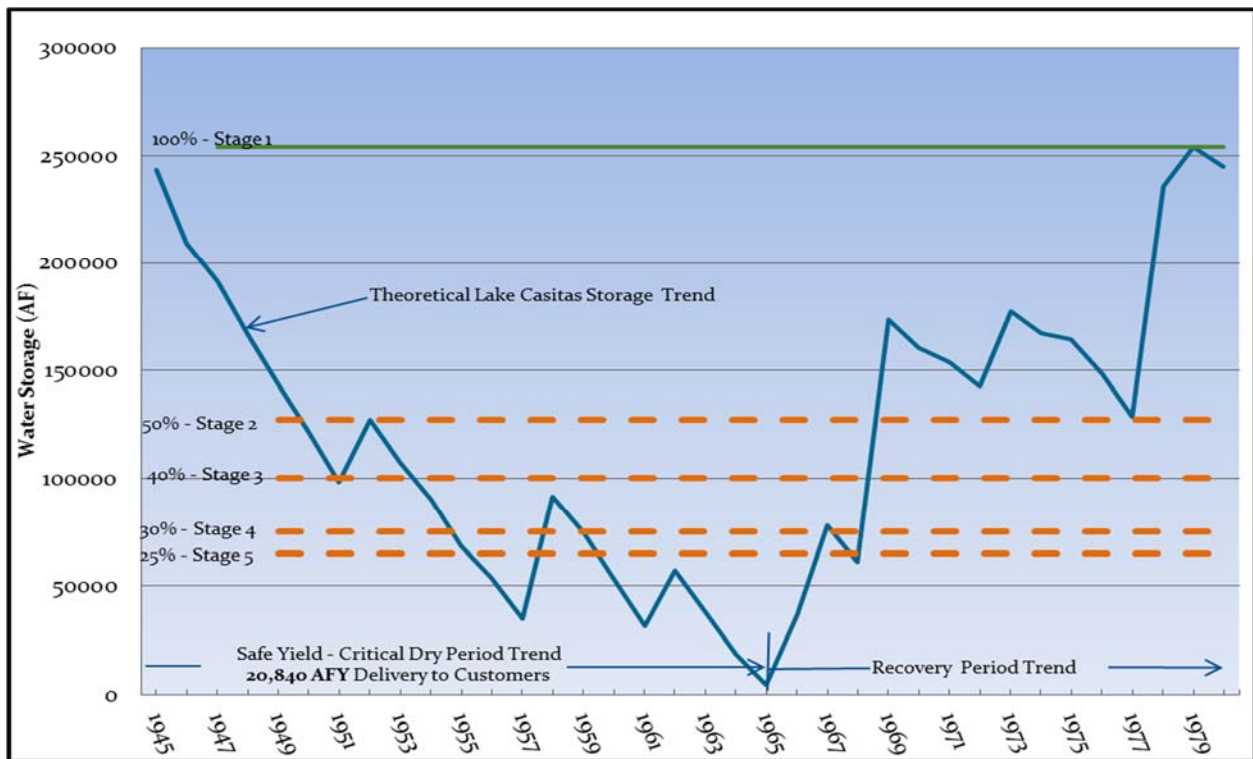


Figure 3 – Lake Casitas Safe Yield Storage Trend and Stages for Demand Reduction

4.2 Water Allocation Principles.

Each and every water service provided by Casitas is metered and a basic water use allocation is established for each customer account that provides a reasonable amount of water for the customer's needs and property characteristics (WC § 372). The following principles are to be followed for the Casitas water allocations:

- 1) Each Casitas water service shall be assigned either a monthly water allocation in the terms of Units or an annual water allocation in terms of Units and Acre-feet.
- 2) Allocation shall not mean an entitlement or imply water rights in favor of the customer.

- 3) The assignment of allocations shall be based on reasonable and necessary water use, the application of water conservation practices and standards, and other relevant factors associated with water use during Stage 1 conditions at Lake Casitas.
- 4) The Casitas Board of Directors reserve the right to make individual allocation assignments and to change water allocations at any time within each classification based on the changes to the availability of water stored in Lake Casitas, changes in water use that appears to compromise the reliability of the Lake Casitas water supply, and changes in water conservation practices and standards.
- 5) Water allocations provided by Casitas are assigned to property or water purveyors and are not transferrable from one property or water purveyor to another.
- 6) Casitas' water allocations shall not be sold, exported, bartered or traded by or between Casitas' customers.
- 7) Casitas water allocated shall not be transported from the property or by any agency served to any other property or agency without prior written agreement with Casitas.

4.3 Allocation Assignments to Water Service Classifications.

Casitas has established the definitions of water customer classifications as provided by the Casitas Rates and Regulations for Water Service and has made specific allocation assignments to each and every water account by either (1) written agreement, or (2) the application of historical water use data, or (3) the application of documented water use standards. Where deemed necessary by Casitas, Casitas may perform site specific water use audits and survey to determine the appropriate level of allocation to be assigned to any one service connection or customer. Water allocations may change by action of the Casitas Board of Directors based on the Lake Casitas storage level or trend, water use trends, and the performance by customer classification in meeting water consumption reduction goals.

The following subsections describe the method used to assign the water allocation for each classification of water service at **Stage 1** condition:

Business

- 1) Water allocation shall be specified as an **annual** allocation based on a fiscal year (July 1st to June 30th).
- 2) Allocation assigned by recorded agreement; or
- 3) Where not defined by recorded agreement, the lesser of the historical water consumption recorded for either the 80% of the 1989-90 water use or the Fiscal Year 2012-13 water use.

Fire

There is no water allocation for the Fire classification. This water use is for emergency only, and not a part of a continuing annual water use.

Industrial

- 1) Water allocation shall be specified as an **annual** allocation based on a fiscal year (July 1st to June 30th).
- 2) Allocation assigned by recorded agreement; or
- 3) Where not defined by recorded agreement, the lesser of historical water consumption recorded for either the 80% of the 1989-90 water use or the Fiscal Year 2012-13 water use.

Interdepartmental

- 1) Water allocation shall be specified as an annual allocation based on a fiscal year (July 1st to June 30th).
- 2) The **annual** allocations for individual Interdepartmental classification services shall be based on the Fiscal Year 2012-13 water use.

Irrigation (Commercial Agriculture)

- 1) Water allocation shall be specified as an **annual** allocation based on a fiscal year (July 1st to June 30th).
- 2) Qualifying acreage for each Irrigation account shall be limited to acreage that can be identified as under irrigation prior to March 1, 1992. There will be no allocation for irrigation acreage that has been expanded after March 1, 1992, except as otherwise approved in written and recorded agreement between Casitas and the property owner. Casitas' records and mapping will be the standard for the identification of lands in irrigation prior to March 1, 1992.
- 3) Allocation assignments to lands served by multiple meter services shall consider the proportion of the allocation that each meter is intended to serve. The aggregation of meter readings and allocations from multiple meters shall not be allowed except under the terms and conditions of an approved addendum to the Application for Water Service to provide an aggregation variance. The customer may apply for the aggregation of allocations and water volume for accounts serving contiguous parcels under a single ownership, subject to the conditions of the Casitas addendum to the Application for Water Service. The aggregation variance must be approved and on file for the current year during which the variance is applicable. The issuance of the aggregation variance is subject to the discretion of the General Manager.
- 4) The Stage 1 water allocation assigned to each Irrigation water account is the greater volume of either (1) the water use recorded at each meter service during fiscal year 2012-13 or (2) eighty (80) percent of recorded water volume metered to the account in fiscal year 1989-90, neither of which shall exceed a water volume of 3 acre-feet per acre applied to the qualifying acreage.
- 5) The residential water use for Agricultural/Domestic classification that is directly associated with the Irrigation shall be considered as Irrigation for purpose of allocation assignments and meeting the demand reduction requirements for Irrigation.

Multi-Family Residential

- 1) Stage 1 water allocations are assigned to each existing Multi-Family Residential account by either a recorded agreement or based on the standards set in 1992 by Casitas.
- 2) The Multi-Family Residential water allocation for each account shall be distributed by either a monthly or bi-monthly scheduling of the allocation.
- 3) A part of the Multi-Family Residential allocation is provided for health and sanitation and shall be set at **84 units per year per dwelling**, distributed evenly each month as 7 units per month for each dwelling.
- 4) The essential water use portion of the allocation is not subject to adjustment by the Staged Demand Reduction Program, unless otherwise deemed by the Board to be a necessity during extreme water supply conditions or during emergencies.
- 5) The part of the Multi-Family Residential allocation that is in excess of the essential allocation shall be specified as a monthly allocation and distributed proportionally to reflect varying seasonal water use, as follows:

Month	July	August	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
% of Total Annual Allocation	.12	.11	.11	.11	.08	.08	.04	.06	.05	.05	.09	.10

The part of the Multi-Family Residential allocation that is in excess of the essential allocation is subject to adjustment by the Staged Demand Reduction Program.

- 6) Where not previously assigned a residential allocation, a residential allocation shall be based on the following:
 - a. The essential health and sanitation portion of the residential allocation shall be set at **84 units per year per year per dwelling**, and be constant for each month of the year;
 - b. Non-essential portion of the annual residential allocation shall be based on a maximum limit of 1.99 acres (86,684 square feet) of irrigated landscape area and set as follows:
 - i. For the first 5,000 square feet of landscape area, 15 gallons per square foot;
 - ii. For the next 10,000 square feet of landscape area, 10 gallons per square foot
 - iii. For the next increment up to 71,684 square feet of landscape area, 3 gallons per square foot;

Other

- 1) Water allocation shall be specified as an **annual** allocation based on a fiscal year (July 1st to June 30th).
- 2) Allocation assigned by recorded agreement; or
- 3) Where not defined by recorded agreement, the lesser of historical water consumption of either the 80% of the 1989-90 water use or the Fiscal Year 2012-13 water use.

Resale

- 1) Water allocation shall be specified as an **annual** allocation based on a fiscal year (July 1st to June 30th).
- 2) The Stage 1 allocation for each individual Resale customer shall be mutually agreed to by each water agency and Casitas, be incorporated into a memorandum of understanding (MOU), and assigned to provide water to supplement the Resale agency's primary source of water supply. An annual adjustment to the allocation assignment may be a condition of the MOU.
- 3) An objective of a MOU is to achieve parity between the Resale agency customers and Casitas customers in applying similar overall water use restrictions and financial penalties in each Stage.
- 4) The Resale agency shall determine the reliability of its water sources and ensure that the annual water requirements from Casitas do not exceed their annual water allocation from Casitas.
- 5) The allocation assignment from Casitas shall not be used by the Resale agency for growth within the Resale service area, unless additional allocation for growth is authorized by written agreement with Casitas.
- 6) The Resale agency shall implement water conservation measures in accordance with the State's or California Urban Water Conservation Council's Best Management Practices, responsibly maintain water system metering and pipeline systems to reduce water losses, and when necessary or when asked to do so, implement water demand reduction measures similar to or more restrictive than those imposed by Casitas to assure the continued availability of water for health and safety purposes.

Residential

- 1) Stage 1 water allocations are assigned to each existing Residential account by either a recorded agreement or based on the standards set in 1992 by Casitas.

- 2) The Residential water allocation for each account shall be distributed by either a monthly or bi-monthly scheduling of the allocation.
- 3) A part of the Residential Allocation is provided for health and sanitation and shall be set at **120 units per year**, distributed evenly each month as 10 units per month for each dwelling.
- 4) The essential water use portion of the allocation is not subject to adjustment by the Staged Demand Reduction Program, unless otherwise deemed by the Board to be a necessity during extreme water supply conditions or during emergencies.
- 5) The part of the Residential Allocation that is in excess of the essential allocation shall be specified as a monthly allocation and distributed proportionally to reflect varying seasonal water use, as follows:

Month	July	August	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
% of Total Annual Allocation	.12	.11	.11	.11	.08	.08	.04	.06	.05	.05	.09	.10

The part of the Residential Allocation that is in excess of the essential allocation is subject to adjustment by the Staged Demand Reduction Program.

- 6) Where not previously assigned a residential allocation, a residential allocation shall be based on the following:
 - a. The essential health and sanitation portion of the residential allocation shall be set at **120 units per year**, and be constant for each month of the year;
 - b. Non-essential portion of the annual residential allocation shall be based on actual irrigated landscape area of the parcel with a maximum limit to 1.99 acres (86,684 square feet) of irrigated landscape area and set as follows:
 - i. For the first 5,000 square feet of irrigated landscape area, 15 gallons per square foot;
 - ii. For the next 10,000 square feet of irrigated landscape area, 10 gallons per square foot
 - iii. For the next increment up to 71,684 square feet of irrigated landscape area, 3 gallons per square foot;

Temporary

- 1) There is no water allocation assigned for the Temporary classification. Temporary water service is not property related on a permanent basis.
- 2) Temporary water use is limited for a short-term of six months or less, for such purposes as construction projects, or short-term water supply emergencies, or temporary backup water to non-metered agricultural parcels.
- 3) Temporary meters that are issued to serve supplemental commercial irrigation shall be temporarily allocated water based on the allocation assignment provided at the time of the application for the Temporary service based on the same water use standards as provided for the Irrigation classification, and reduced by Stage conditions,. The allocation does not extend beyond the period of the temporary water service application of six (6) months, unless the Casitas Board of Directors approves a limited continuance of the temporary service.

4.4 Allocation Adjustments.

A Casitas customer may request the reconsideration of their initial assigned Stage 1 water allocation within 60 days of the adoption of the WEAP where the request does not include a consideration for either an expansion in the area of use or new construction. The customer shall submit a water allocation adjustment application in order to have their request considered by the General Manager of

the District. The information contained on the application may be subject to an audit and, if necessary, additional documentation may be required in order to substantiate the requested adjustment.

Adjustments to water allocations that have been assigned through a recorded Water Service Agreement between the property owner, or prior property owner, and Casitas must proceed through an amendatory agreement, will be subject to the capital facility charges for the amount of water provided as the allocation adjustment, and subject to the availability of water allocations.

Adjustments to water allocations will not be granted in amounts that exceed 80 percent of the FY 1989-90 metered usage of water by the meter service account without prior Board approval.

4.5 Standards for a Water Allocation Adjustment.

Water allocation adjustments may be considered by Casitas during initiation of the WEAP that appropriately assigns a Stage 1 allocation, to ensure that the needs of the water customer are reasonably balanced against the purpose of this Plan.

Water allocations may be considered for adjustment for:

- a. Correction of irrigable area square footage;
- b. Correction of number of dwelling units (Multi-family accounts only);
- c. Exemption granted for a licensed in-home childcare or elderly care facility;

Water allocations will not be adjusted to accommodate:

- a. Pools, ponds, spas, or hot tubs;
- b. In-home businesses or hobbies that use an increased amount of water;
- c. Gardens and orchards;
- d. Homeowner's Association requirements for turf areas in excess of that water allocation specified by Casitas for a Residential classification;
- e. Where an allocation has been assigned through a recorded agreement.

Agricultural Irrigation Allocation Adjustment Standards:

- a. Limited to acreage planted in commercial agricultural production prior to March 1, 1992. Casitas shall also consider the assignment of an appropriate allocation to lands that are verified as being in a crop rotation status, or temporarily in a fallowed state, having been in a planted status prior to March 1, 1992.
- b. Comparative (same crop type and average use of various parcels) crop usage in FY2012-13 for full irrigation, not to exceed 3 AF/AC/YR, which is located within a 1-mile circumference of the parcel seeking the appeal for a change in water allocation.

4.6 Appeals Process.

Customers that are denied an adjustment of water allocation may request a review of the request by submitting a written appeal to the Casitas Water Resources Manager stating the nature of the appeal. The appeal shall be reviewed by the Casitas Water Resources Manager and a recommendation shall be reported to the General Manager. The decision of the General Manager shall be reported to the customer in written form. If the customer is not satisfied with the General Manager's decision, the customer must request within 10 days that the appeal be placed on the agenda of the Casitas Board of Directors. The determination by the Board of Directors shall be final.

4.7 Availability of Allocations.

The determination of supplies being available for issuance of new allocations of water shall be made upon staff recommendation at a regular Board of Directors meeting. The determination that water is or is not available shall be within the determination of the Board of Directors. The determination that a supply is available shall be based upon more detailed information about existing supplies, the availability of new supplies, new water supply projects, or contracts or proposed contracts for additional supplies where, in the opinion of the Board of Directors, the supply of water is definite enough to provide the assurance to the County of Ventura that there is a forty year supply.

4.8 Allocation for New or Expanded Water Uses.

A customer may request a change to a water allocation assignment for the purposes of obtaining new or expanded use of water that is associated with a new building permit, new or existing conditional use permit, or agricultural irrigation acreage expansion. The approval of an addition or change to the water allocation for new and/or expanded water allocation is subject to Casitas' discretion on the limits of available water allocation and subject to the charges for new and/or expanded water allocation.

When the Board of Directors determine that additional new water supplies are available, either from the safe yield of the existing CMWD project supply or additional new supplies, supplies shall be allocated in accordance with the following criteria:

- a) No single property owner or applicant for the given type of service (municipal, industrial or agricultural) shall receive a new water allocation greater than 10 percent of the total new available supply or the minimum standard residential allocation, whichever is greater. If the applicant's allocation requirements are not fully met, the applicant may maintain a position of priority until more water is available.
- b) All applicants seeking an allocation shall provide Casitas with a detailed description of the project, the use of water for which the water is sought, and information on peak flow and annual water requirements. Casitas shall determine meter size and amount of allocation based upon reasonable and necessary needs and Casitas' Rates and Regulations.
- c) The amount of water to be allocated shall be at Casitas' sole discretion. The assignment of an allocation shall be limited to the availability of water from the Lake Casitas safe yield, and be based on current water demand factors as adopted by the District and as amended. The amount of water required for the project may be calculated and submitted for the consideration of Casitas by a civil engineer, registered in the State of California, representing the project proponent.

SECTION 5: STAGED DEMAND REDUCTION IMPLEMENTATION

5.1 Staged Demand Reduction Principles.

The primary source of water that is available to the Casitas Municipal Water District is the amount of water stored behind Casitas Dam, forming Lake Casitas. The quantity of water stored in Lake Casitas is dependent upon the local hydrology, watershed conditions, diversions from the Ventura River, and the outflow from lake evaporation and water deliveries to beneficial uses. There may be times during which Casitas must consider implementing staged water demand reductions to ensure a sustainable water supply and prevent a complete depletion of water supply in Lake Casitas.

The District has assigned five stages of water storage in Lake Casitas that serve as a guidance to triggering the implementation of water use reduction goals and measures. The overarching goals of the Staged Demand Reduction Program are:

- 1) conserving the water supply for the greatest priority and public benefit; and
- 2) mitigating the effects of a water shortage on public health, safety, and economic activity.

5.2 Water Resource Conditions and Actions.

The General Manager shall report to the Board of Directors each year (*April*) with an assessment of the current water storage in Lake Casitas and local groundwater basins, current water use trends, predicted weather conditions, and an evaluation of current water use reduction goals. The time of the reporting can be each April, as the rainfall season is ending and water resources can be evaluated at the maximum for the year, or as Lake Casitas storage reaches a change in Stage action level. The Board of Directors may, at their sole discretion, declare that a Stage condition of water supply in Lake Casitas exists and implement the appropriate demand reduction goals and measures in response to current and/or predicted water availability conditions. Casitas shall make such determinations public and follow with appropriate and timely notification of all customers. Casitas has established the implementation of various Stages of action based on the amount of water in storage in Lake Casitas, as shown in Table 3. An action to declare and implement a Stage may be by either an action by Casitas Board of Directors based on unanticipated changing lake supply conditions or by the following schedule in Table 4.

Table 3 – Stage Conditions

Stage	Stage Title	Lake Casitas Storage - %	Lake Casitas Storage Action Level (acre-feet)
1	Water Conservation	100% - 50%	237,761 to 118,880
2	Water Shortage Warning	50% - 40%	118,880 to 95,104
3	Water Shortage Eminent	40% - 30%	95,104 to 71,328
4	Severe Water Shortage	30% - 25%	71,328 to 59,440
5	Critical Water Shortage	25% - 0%	59,440 to 3,000

Table 4 - Stage Action Schedule

Target Dates	Action
June - April	Monitor water demands, rainfall, reservoir level trend, groundwater trends, and diversion and runoff amounts.
Early April	Staff presents water status report and a recommendation to the Casitas Board of Directors. Publish a notice of a public hearing if changes are recommended.
Late April	Casitas Board of Directors formally declares a Stage, and/or water shortage emergency, adopts recommendations for demand reduction actions.
May	Customer Notification of change in Stage, allocation, and conservation surcharge.
June	Stage demand reduction actions are effective and are implemented.

5.3 Demand Reduction Goals and Measures.

The demand reduction goals and measures begin with Stage 1, where reasonable and appropriate water allocation assignments are made to each Casitas service connection and the end water users are

Demand Reduction Stage	1	2	3	4	5
Volume Range of Lake Casitas	254,000 to 127,000	127,000 to 100,000	100,000 to 75,000	75,000 to 65,000	65,000 to 3,000
% Lake Storage	100% - 50%	50% - 40%	40% - 30%	30% - 25%	25% - 0%
Water Use Reduction Response Goal	20%	20%	30%	40%	50%
Residential & Multi-Family Residential Essential Use Non-essential Use	0% 20%	0% 20%	0% 30%	0% 40%	0% 50%
Business	20%	20%	30%	40%	50%
Industrial	20%	20%	30%	40%	50%
Other	20%	20%	30%	40%	50%
Resale	20%	20%	30%	40%	50%
Irrigation	20%	20%	30%	40%	50%
Interdepartmental	20%	20%	30%	40%	50%

implementing the Best Management Practices that conform to State requirements for water conservation and water use efficiency measures. Upon determination of a Stage 2 condition and continuing through Stage 5 conditions, the primary actions to achieve the demand reduction goal is the adjustment of allocations that were made available for each classification during Stage 1 by a reduction of the allocation during the duration of the declared Stage condition.

5.4 Stage Adjustments to Allocations.

The five stages of storage in Lake Casitas and the initial guideline for water allocation adjustments for each classification at each Stage are presented in Table 5. Upon recommendation of the General Manager and approval of the Board of Directors at the onset of a specific Stage, the District shall apply appropriate demand reduction factors to the allocations for each customer classification, as deemed necessary. The Board of Directors retain the sole discretion to make allocation changes as a result of declaring a change in Stage, or during any Stage, that are more or less severe than that provided in Table 5. Examples of applying this discretion may include, but not be limited to, the change in any water resource conditions or the demand reduction goals are not being attained by the customer classification.

Table 5 – Staged Water Demand Reductions for Water Classifications

Note: Initial Stage 1 Allocations include a 20% reduction from the 1989-90 demands.

Essential Use Allocations will remain the same and not adjusted, except as otherwise determined by the Board to be a necessity to preserve water supply during extreme conditions. The measures to

achieve the demand reduction goal may be selected from a menu of options as provided in Table 6, or should water supply conditions become worse than anticipated the Casitas Board may adopt more stringent requirements as deemed necessary.

5.5 Customer Notification.

The customers of each and every classification shall be notified in a timely and appropriate manner of any and all actions to declare and implement Demand Reduction Stage. The methods of communication to the customer shall be through direct mailings, public meetings, and billing information that provides the customer the comparison of water use with allocation.

5.6 Water Rates and Conservation Penalty.

- a. The Casitas Board of Directors shall annually consider the setting or adjustment of water rates that reflect the cost of water service, consistent with State law.
 1. Casitas has implemented a tiered inclining rate structure for the Residential and Multi-family Residential classifications that represents the proportional cost of service that is attributable to the parcel that is served water.
- b. The Casitas Board of Directors shall annually set the Conservation Penalty for each classification that will be applied to each individual customer billing for each unit of water that is in excess of the customer's allocation, or the adjusted allocation pursuant to a change in Stage. The Conservation Penalty is imposed to curtail the potential for adverse effects of excessive water consumption.
- c. Upon determination of a change in the Demand Reduction Stage, or at such time the Board deems that the customer response does not appear to attain the desired demand reduction goals, the Board may consider the modification of the Conservation Penalty.
- d. Revenues recovered from the Conservation Penalty will supplement Casitas' water conservation costs, provide revenue for water shortage related projects, and cover costs associated with implementing changes to the WEAP as directed by the Board.

5.7 Appeals for Exception to Staged Adjustments of Allocation or Conservation Penalty Assessment.

- a. A Casitas customer may file an appeal for:
 1. An Exception to Staged Adjustment of Allocation, as provided in Section 5.4 above;
or
 2. The assessment of a Conservation Penalty, as provided in Section 5.6 aboveby submitting a written appeal, on a form provided by Casitas, directly to the General Manager or his/her designee.
- b. The following paragraphs provide the criteria or reasons for an appeal for an Exception to Staged Adjustments of Allocation and an appeal for an Exception to Staged Adjustments of Allocation may be granted for one or more of the following reasons:

1. The staged adjustment would cause a condition affecting the health, sanitation, fire protection, or safety of the customer or the public;
 2. Strict application of the water allocation adjustment provisions imposes a severe or undue hardship on a particular business, or renders it infeasible for a business or class of business to remain in operation;
 3. The customer is a hospital or health care facility using industry best management practices;
 4. The business has already implemented environmental sustainability measures and water conservation measures reducing water consumption to the maximum extent possible.
- c. The customer must support their reason for an appeal for an Exception to Staged Adjustments of Allocation with supporting documentation or substantial evidence demonstrating the need for an exception. A failure to provide supporting documentation or evidence shall result in a denial of the appeal.
- d. The appeal for an Exception to Staged Adjustments of Allocation will be first reviewed, approved or denied, by the General Manager or his/her designee. The decision of the General Manager or his/her designee shall be reported to the customer/appellant in written form. If the customer is not satisfied with the General Manager or his/her designee's decision, the customer/appellant must request, within 10 days of the date of the General Manager or his/her designee's decision, that the appeal be placed on the agenda of the Casitas Board of Directors for their review and determination based on the criteria set forth in Section 5.7(b)(1)-(4). The determination by the Casitas Board of Directors shall be final.
- e. The following paragraphs provide the criteria and process for an appeal from a Conservation Penalty:
1. An appeal for relief of a Conservation Penalty may only be considered when a natural disaster such as a wildfire, earthquake, flood or landslide or other naturally occurring phenomenon which directly causes a leakage or leakage event.
 2. The customer must file their appeal to the Casitas Municipal Water District Board of Directors' Appeals Panel.¹ A request for review and an evidentiary hearing must be made in writing and submitted to the District within thirty (30) days of date the Casitas bill with the Conservation Penalty was issued by the District. Upon receipt by the District, a review and evidentiary hearing will be placed on the next agenda of the Appeals Panel.
 3. The appeal of a Conservation Penalty must explain why the leakage or leakage event was caused by a naturally occurring event such as wildfire, earthquake, flood or landslide.
 4. The customer/appellant must support their reason for an appeal from a Conservation Penalty with supporting documentation or substantial evidence demonstrating the circumstances for the appeal. A failure to provide supporting documentation or evidence shall result in a denial of the appeal.

¹ The Appeals Panel is a Board-appointed committee composed of three (3) Board members who are authorized to conduct evidentiary hearings, make findings and render decisions in accordance with this section of the Water Efficiency and Allocation Program. This is in accordance with California Water Code Sections 71300, 71301 and 71305.

5. The General Manager or his/her designee will review the appeal and the documentation or evidence provided by the customer supporting the appeal. The General Manager or his/her designee may request additional information from the customer. Following a review of the appeal, the General Manager shall make a recommendation to the Appeals Panel. A copy of the General Manager's recommendation will be provided to the customer/appellant.
6. If a review and evidentiary appeal hearing is properly requested before the Appeals Panel, the customer/appellant shall have an opportunity to state their case and present evidence supporting their appeal. Following the customer's presentation of the grounds for appeal, the Appeals Panel shall review the General Manager's recommendation on the conservation penalty appeal and determine whether to grant the appeal in full, apportion the penalty, or deny the appeal based on the following:
 - A. The documentation and/or evidence provided by the customer in their initial written appeal;
 - B. The basis of the General Manager's recommendation as provided in the General Manager's written explanation of the grounds for the recommendation; and
 - C. Any additional circumstances the Appeals Panel determines to be relevant during the evidentiary hearing.
7. In order to approve an appeal of a Conservation Penalty, the Appeals Panel must make the following findings:
 - A. The customer provided documentation or substantial evidence that the Conservation Penalty could not be avoided by circumstances within the customer's reasonable control;
 - B. The General Manager's written recommendation is valid or invalid in light of the customer's documentation or evidence provided; and
 - C. The reason for the appeal is not to accommodate for leakage or a leakage event within the control of the customer.
8. If the appeal for a Conservation Penalty is approved by the Appeals Panel, the Appeal Panel shall determine if the Conservation Penalty is denied in whole or in part.
9. Following the review and the evidentiary hearing, the Appeals Panel shall provide a written determination with findings to the customer within thirty (30) days of the hearing either approving, denying or apportioning the appeal. The Appeals Panel's determination is final and binding on the customer.

SECTION 6: EXPORT OF CASITAS WATER

Water Code Section 71611 authorizes Casitas to sell water under its control for use only within the jurisdictional boundaries of the Casitas Municipal Water District. The unauthorized export and use of Casitas water beyond the Casitas district boundaries can have significant negative impacts on the Casitas water supply reliability, and therefore shall be prohibited unless specifically authorized in writing by the Casitas Board of Directors. All customers receiving Casitas water into water

conveyance systems which cross Casitas boundaries shall meet the following requirements as a condition of service:

- 1) Customers shall submit to Casitas a certified report on the last day of each month that demonstrates that no Casitas water was transported or used outside Casitas boundaries during the prior month without written approval by Casitas.
- 2) Customer shall install and maintain approved metering devices and shall be required to account for all Casitas water delivered in the customer's system.
- 3) In the event Casitas water is exported during any month, the customer shall be billed for exported water at five (5) times the Casitas rate for the Temporary Service classification.
- 4) In the event the customer fails to comply with the conditions of service stated in the above (1) and/or (2), all water purchased in excess of the allocation shall be considered exported water and shall be billed in accordance with the foregoing.
- 5) This Section, Export of Casitas Water, is in effect at all times.
- 6) The exceptions to the export are during a declaration by the Board of Directors of surplus water, and limited to the surplus water or exchange agreement between the Board of Directors and other party.

Continuing or reoccurring violations of this section by any Casitas customer may result in the restriction or disconnection of water service to the customer.

Table 6 – Stage Actions and Water Demand Reduction Measures

Water Shortage Condition	Key Casitas Communications and Actions	Customer Demand Reduction Measures	Penalties And Rates
<p>Stage 1</p> <p>Supply Range 100% - 50%</p> <p>Voluntary Demand Reduction To Stage 1 Allocation</p>	<ul style="list-style-type: none"> • Initiate public information and advertising campaign. • Publicize ways to reduce water consumption. • Coordinate conservation actions with other water purveyors and cities. • Perform water audits and promote water efficient use/conversions. • Conduct water workshops. • Temporary staffing for public inquiries, as needed. 	<ul style="list-style-type: none"> • Water conservation practices requested of all customer classifications. • Adhere to Water Waste Prohibition Ordinance and State of California laws and regulations regarding water waste • Adhere to assigned water allocation or less. 	<ul style="list-style-type: none"> • Consider and implement Conservation Penalty for water use in excess of allocation. • Consider rates for revenue stabilization and cost of service.
<p>Stage 2</p> <p>Supply Range 50% - 40%</p> <p>Mandatory Demand Reduction to Stage 1 Allocation</p>	<ul style="list-style-type: none"> • Declare Stage 2 • Implement demand reductions for each customer classification. • Intensify public information campaign. • Optimize existing water resources. • Intensify leak detection. • Develop appeals staffing. • Consult with major customers to develop conservation plans and water use audits. 	<ul style="list-style-type: none"> • Continue all Stage 1 measures. • Landscape watering advised to two (2) watering days per week. • Require water audits for large water users; implement recommendations of the water audits. • Businesses display “save water” signage. • Increase public information. 	<ul style="list-style-type: none"> • Consider and implement Conservation Penalty for water use in excess of allocation – response to reduced allocation. • Consider rates for revenue stabilization and cost of service.
<p>Stage 3</p> <p>Supply Range 40% - 30%</p> <p>Demand Reduction From Stage 1 Allocation 10%</p>	<ul style="list-style-type: none"> • Declare Stage 3 • Implement demand reductions for each customer classification. • Expand and intensify public information campaign. • Provide regular briefings, publish monthly consumption report. • Hire additional temporary staff in customer service and conservation. Water waste enforcement. 	<ul style="list-style-type: none"> • Continue with Stage 1 and 2 measures. • Reduced water allocations. • Landscape watering advised to one (1) watering day per week. 	<ul style="list-style-type: none"> • Consider and implement Conservation Penalty for water use in excess of allocation – response to reduced allocation. • Consider rates for revenue stabilization and cost of service.
<p>Stage 4</p> <p>Supply Range 30% - 25%</p> <p>Demand Reduction From Stage 1 Allocation 20%</p>	<ul style="list-style-type: none"> • Declare Stage 4 • Implement demand reductions for each customer classification. • Continue to provide regular media briefings. • Open drought information center. 	<ul style="list-style-type: none"> • Continue with Stage 1 through 3 measures. • Reduced water allocations. • Landscape watering advised to one (1) watering day per week. • Consider prohibition of filling swimming pools and fountains. 	<ul style="list-style-type: none"> • Consider and implement Conservation Penalty for water use in excess of allocation – response to reduced allocation. • Consider rates for revenue stabilization and cost of service.
<p>Stage 5</p> <p>Supply Range 25% - 0%</p> <p>Demand Reduction From Stage 1 Allocation 30%</p>	<ul style="list-style-type: none"> • Declare Stage 5 • Implement demand reductions for each customer classification. • Minimize outdoor water use and non-essential uses. • Implement aggressive public outreach and education program. • Implement crisis communications plan. • Coordinate with State and local agencies to address enforcement challenges. • Water Shortage Emergency declaration to be considered. • Consider further Staged reductions and other future Board actions 	<ul style="list-style-type: none"> • Continue with Stage 1 through 4 measures. • Reduced water allocations. • Rescind Temporary meters issued. 	<ul style="list-style-type: none"> • Consider and implement Conservation Penalty for water use in excess of allocation – response to reduced allocation. • Consider rates for revenue stabilization and cost of service.



Water Efficiency & Allocation Program: Review Lake Level Triggers



Agenda

- Review Lake Level Triggers (Current and Alternative)
- Biological Opinion Considerations
- Impacts on Remaining Supply

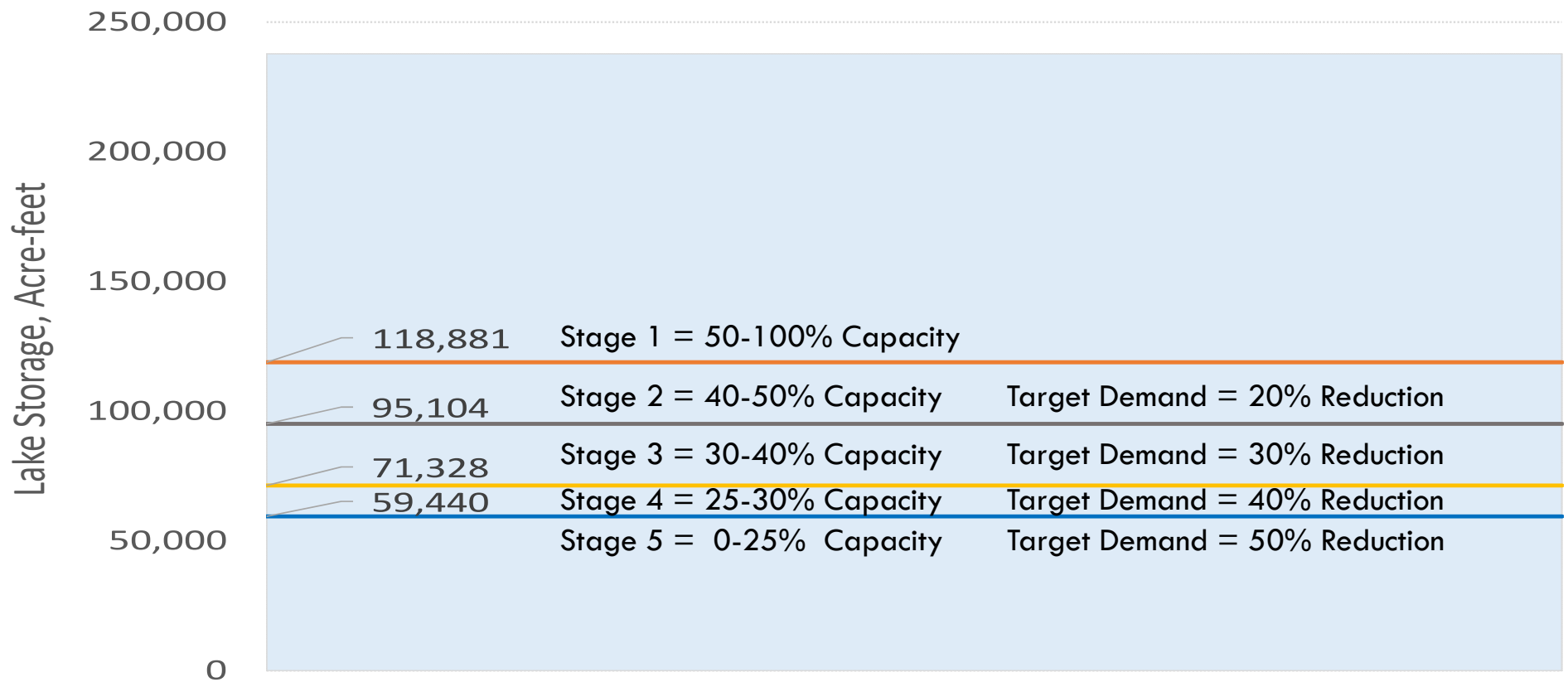




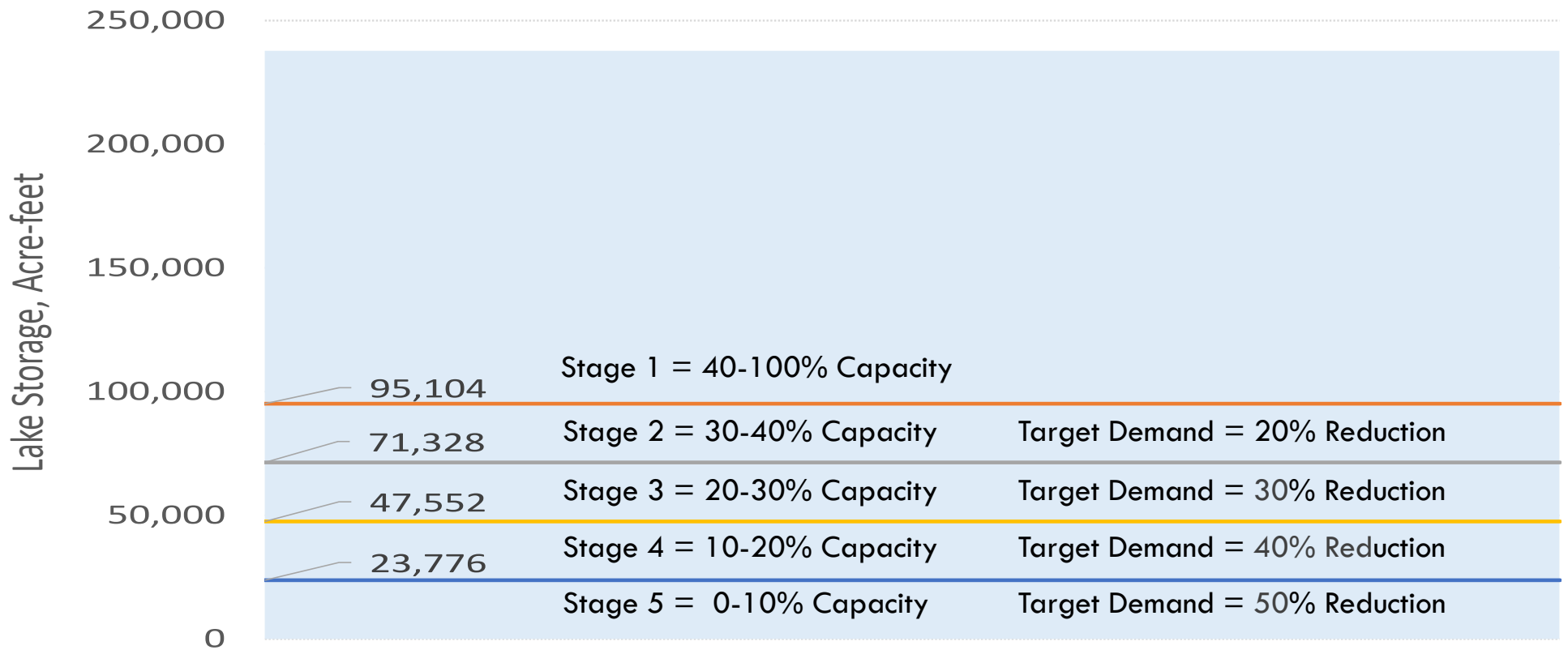
LAKE LEVEL TRIGGERS



Current Lake Level Triggers



Alternative Lake Level Triggers





BIOLOGICAL OPINION CONSIDERATIONS



Biological Opinion Considerations

- 2003 BiOp provides for Critical Drought Protection Measures
 - Timing of Implementation Correlates with WEAP Stages
 - Considers temporary fish flow reductions with approval of Biology and Management Committees



Current Lake Level Triggers in 2003 BiOp

- 127,000 AF – Begin discussing need for fish flow operation reductions with Biology and MGMT Committees
- 100,000 AF – Implement Stage 2 and agreed-upon fish flow modifications (2018 CDPM currently being implemented)
- 65,000 AF – Implement Stage 5 and agreed-upon additional fish flow modifications
- 17,000 AF – All fish flow operations would cease until reservoir refills to 65,000 AF



Alternative Lake Level Triggers Considerations for BiOp Implementation

- Little impact regarding initiation of 2018 CDPM
- Delays additional fish flow reduction measures correlating with Stage 5 declaration
- Potentially affects the duration that fish flows cease during reservoir recovery (refilling above 17,000 AF to 65,000)



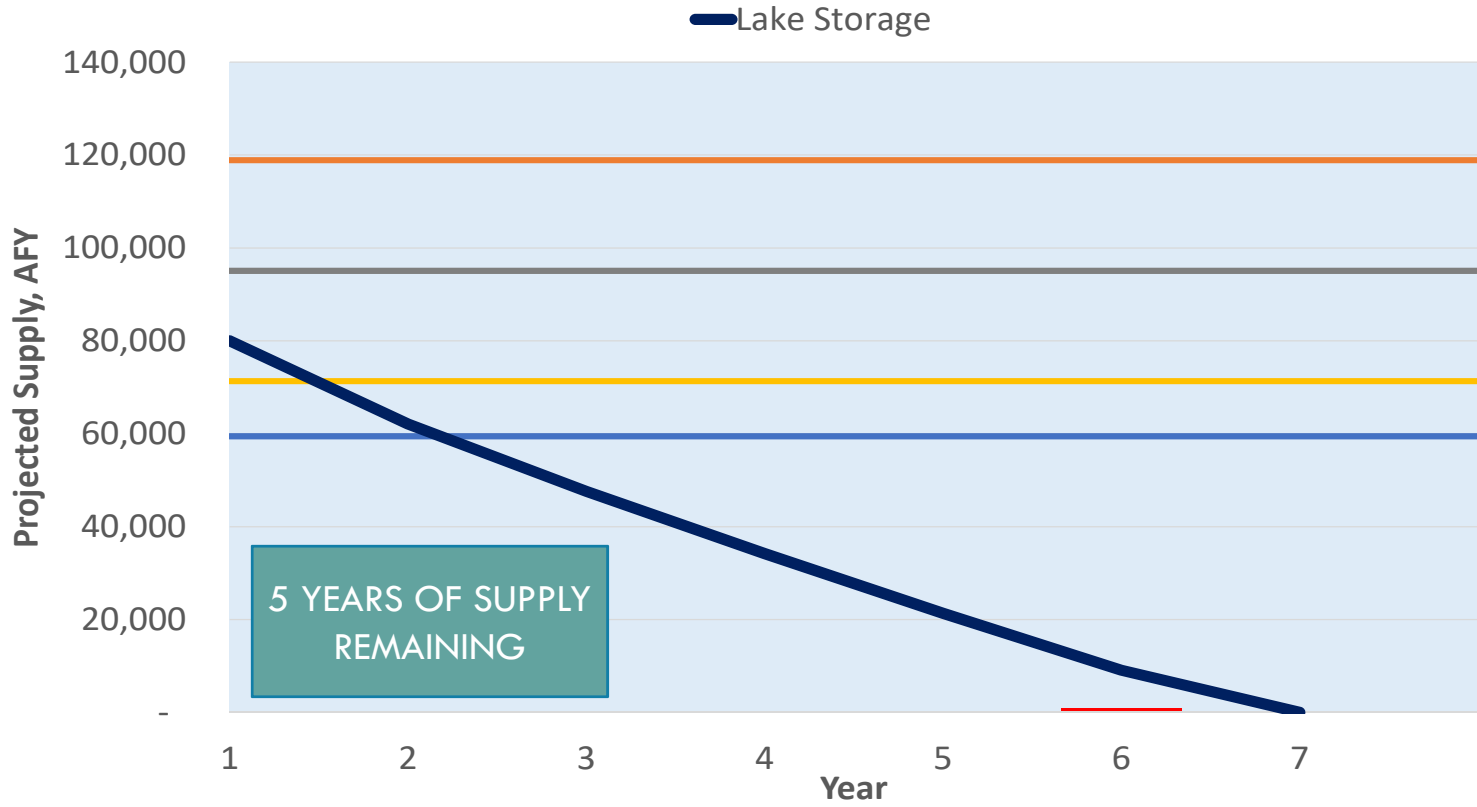


IMPACTS ON REMAINING YEARS OF SUPPLY



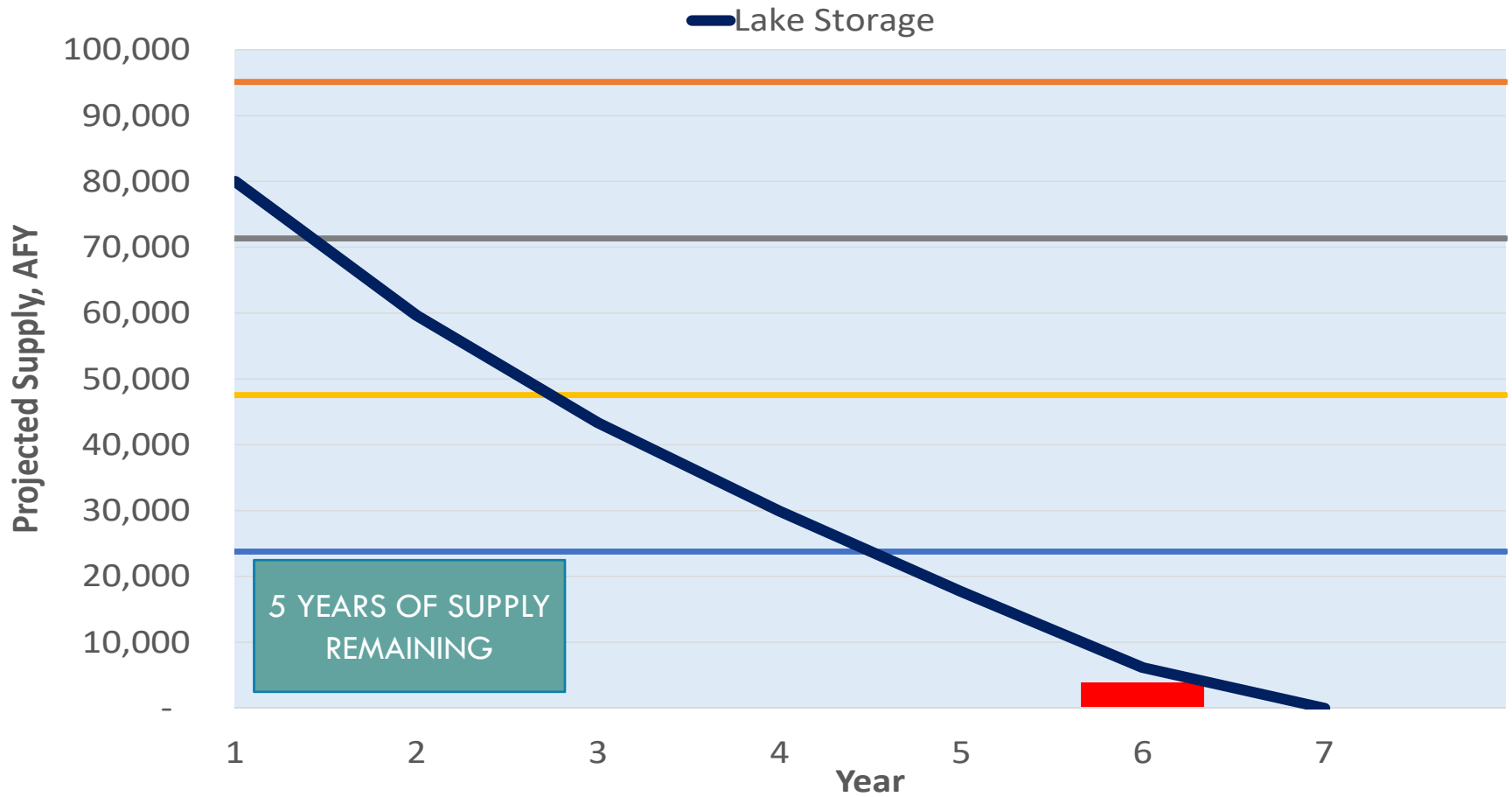
Remaining Years of Supply

Assumes No Inflows (Conservative Scenario)
Existing WEAP Stage Levels and Demand Targets



Remaining Years of Supply

Assumes No Inflows (Conservative Scenario)
Alternative WEAP Stage Levels; Current WEAP Demand Targets



Policy Discussion

- Board Questions
- Public Comment
- Board Direction
 - Keep current lake level triggers?
 - Revise lake level triggers?





END OF PRESENTATION





October 13, 2021

The Honorable Gavin Newsom
California Governor's Office
1303 10th Street, Suite 1173
Sacramento, CA 95814

Subject: Executive Order to Voluntarily Reduce Water Use by 15% from 2020 Levels

Dear Governor Newsom:

Casitas Municipal Water District (Casitas) relies on local groundwater and surface water in the Ventura River watershed to provide retail and wholesale water supply to over 60,000 people and thousands of agricultural lands. Casitas understands the seriousness of the water shortages occurring throughout the State, and appreciates the State's planning efforts to reduce potential risks for those who rely primarily on the State Water Project. While Casitas has paid for and maintained its contract for imported water from the State Water Project (SWP) since 1971, Casitas has not taken delivery of SWP water and lacks local infrastructure to do so.

Water conservation is a long-standing cornerstone policy of Casitas' local water management. Casitas' 2020 water production was 50% lower than 1989 levels, reflecting long-term efforts to improve water use efficiency. Due to persistently dry local conditions, Casitas has remained in a declared Stage 3 drought condition since 2016, which mandates a 30% reduction in water use. To manage its water demands, Casitas implements a water allocation program in which each customer receives a specific water allocation and is subject to a penalty for overuse of water. Casitas takes conservation very seriously, and our customers have exceeded the call to action.

Recently, it was reported by the SWRCB that Casitas' customers used 14% more water in July 2021 compared with July 2020. This metric does not reflect the long-term efforts of our customers to reduce water use and preserve local water supplies. In addition, the 15% voluntary conservation messaging from the State is not consistent with Casitas' current call for 30% mandatory conservation that has been in place since 2016.

Casitas appreciates the State's efforts to plan for future SWP supplies and assist with conservation messaging. However, it would be more helpful for the State's conservation messaging to amplify or assist the local water management by Casitas. For example, general messaging on water use efficiency tools could be meaningful communications regardless of the differences in local water conditions and service area characteristics that exist across the State.

Casitas is committed to helping our customers use water efficiently, and we would be happy to discuss how the State can assist in enhancing our efforts. Please don't hesitate to contact me at bbrennan@casitaswater.com or 805.649.2251.

Sincerely,

Brian Brennan
President of the Casitas Board of Directors

- c: E. Joaquin Esquivel, SWRCB Chair
- Dorene D'Adamo, SWRCB Vice Chair
- Sean Maguire, SWRCB Member
- Laurel Firestone, SWRCB Member
- Nichole Morgan, SWRCB Member
- Eileen Sobeck, SWRCB Executive Director
- Cindy Tuck, ACWA, Deputy Executive Director, Government Relations



October 13, 2021

Brian Bondy, Executive Director
Upper Ventura River Groundwater Sustainability Agency

Sent via email to bbondy@uvrgroundwater.org

Subject: Comments on the UVRGSA Draft Groundwater Sustainability Plan

Dear Mr. Bondy:

Thank you in advance for accepting these comments and allowing for Casitas' Board of Directors review prior to submittal to the Upper Ventura River Groundwater Sustainability Agency (UVRGSA). Casitas Municipal Water District (Casitas) has the following comments on the UVRGSA's Draft Groundwater Sustainability Plan (Draft GSP) published August 2021. In general, the comments are clarifications and updates to descriptive text relating to water supplies and facilities managed by Casitas.

Page ES-iv, and Pages 9-10

Please revise the language to be based on most recent planning documents as follows.

Current Draft GSP Language:

CMWD operates Lake Casitas, which provides approximately 2/3 of the water supply in the Basin. CMWD operates Lake Casitas pursuant to its combined 2015 Urban Water Management Plan (UWMP) and Agricultural Water Management Plan (2020 update of UWMP in progress).

CMWD is also currently working on a Comprehensive Water Resources Plan (draft as of June 2020) that identifies the safe demand for its water supplies and identifies projects to address the gap between supply and demand for implementation over the next 10 years. Implementation of this plan is expected to address CMWD's anticipated supply gap, thereby preventing increased reliance on groundwater supply which would otherwise potentially impact UVRGB operational flexibility.

Revised Language:

CMWD operates Lake Casitas, which provides approximately 2/3 of the water supply in the Basin. CMWD's 2020 Urban Water Management Plan (UWMP) is a long-term planning document comparing supplies and demands over the next 20 years. The 2020 UWMP outlines reliability of existing and planned water sources, demand management measures, progress toward meeting the State's demand reduction goals, and water shortage contingency plans. During droughts, Casitas manages its supplies with its Water

Efficiency and Allocation Program (WEAP), which uses a water allocation system to manage demands based on water supply conditions.

Page 33-34

Please revise the language as follows, reflecting that the dry reach begins upstream of the Robles Diversion based on Casitas' observations and mapping shown in Figure 3.2-12 of the Draft GSP.

Current Draft GSP Language:

Just past the Robles Diversion (at Gage 607) the Ventura River has very low flows (and is often dry) in the summer and early fall months. These dry conditions are typical in the Robles and Santa Ana Areas, except during stormflows in much of the Ventura River. In general, flows are generally highest in the months of January to March and are generally lowest August through October.

Revised Language:

Beginning just upstream of the Robles Diversion and at Gage 607 (located just past the Robles diversion), the Ventura River has very low flows (and is often dry) in the summer and early fall months. These dry conditions are typical in the Robles and Santa Ana Areas, except during stormflows in much of the Ventura River. In general, flows are generally highest in the months of January to March and are generally lowest August through October.

Page 35

Please revise the language as follows:

Current Draft GSP Language:

Casitas Reservoir is the largest reservoir within the watershed. The Casitas Dam was constructed in 1959 by the United States Bureau of Reclamation (USBR), providing a maximum storage capacity of 254,000 AF (Entrix, 2001) with a long-term average demand of 17,500 AF (VRWC, 2015). Water is diverted from the Ventura River via the Robles Diversion and delivered to the reservoir through the Robles Diversion Canal, a concrete-lined 5.4-mile canal (EDAW, 1978). The diversion works consist of a cutoff wall, forebay basin, spillway, fish passage structures, and diversion canal to Casitas Reservoir (CMWD, 2005). Typically, a little less than half of the reservoir supply comes from the Ventura River. Runoff from Coyote and Santa Ana sub-watersheds provides the remainder of its supply (Entrix, 2001). Diversions from Ventura River to Casitas Reservoir are typically from January to March when the river flows are sufficient to meet certain operational regulatory requirements designed to address upstream steelhead migration impediments between the diversion works and just north of the Santa Ana Boulevard bridge. The diversion system has a nominal capacity of 500 cfs (CMWD, 2021). Environmental considerations and physical operating conditions govern operation of the diversion structure under different hydrologic situations. The Biological Opinion (BO) from the National Marine Fisheries Service (adopted in 2004) modified previous requirements for passage of flows for fish habitat. This was further modified during the recent drought to allow increased diversions to the Lake when storage levels in the Lake are low (CMWD,

2021). Within the Migration Period (Jan. 1st to June 30th) outlined in the BO, available flows above 30 cfs up to 500 cfs can be diverted down the Robles Canal, with flows at or below 30 cfs, bypassing the diversion structure and flowing downstream. Additional diversion rules are applied to maintain flows during and after stormflow events within the fish migration season. Outside of the migration period (July 1 to December 31), available flows over 20 cfs up to 500 cfs can be diverted down the Robles Canal.

Water from the Lake Casitas Reservoir is the primary water supply for many users in the Basin. Lake Casitas' water is also blended with poorer quality groundwater to improve water quality and extend supplies (VRWC, 2015). The reservoir is carefully managed to maintain supplies during a dry period equivalent to the historical 21-year dry period from 1945 to 1965, the longest dry period on record. While the lake has not yet been put to a "21-year dry period test," it has been a reliable source of water in many multi-year dry periods when numerous wells were dry and there was little flow in the Ventura River (VRWC, 2015).

Revised Language:

Lake Casitas is the largest storage reservoir within the watershed. Casitas Dam was constructed in 1959 by the United States Bureau of Reclamation (USBR), with a current maximum storage capacity of 238,000 AF. Water is diverted from the Ventura River via the Robles Diversion and delivered to the reservoir through the Robles Diversion Canal, a concrete-lined 5.4-mile canal (EDAW, 1978). The diversion works consist of a cutoff wall, forebay basin, spillway, fish passage structures, and diversion canal to Lake Casitas (CMWD, 2005). Typically, a little less than half of the reservoir supply comes from the Ventura River. Runoff from Coyote and Santa Ana sub-watersheds provides the remainder of its supply (Entrix, 2001). Diversions from Ventura River to Lake Casitas are typically from January to March when the river flows are sufficient to meet certain operational regulatory requirements designed to address upstream steelhead migration impediments between the diversion works and just north of the Santa Ana Boulevard bridge. The diversion system has a nominal capacity of 500 cfs (CMWD, 2021). Environmental considerations and physical operating conditions govern operation of the diversion structure under different hydrologic situations. The Biological Opinion (BO) from the National Marine Fisheries Service (adopted in 2004) modified previous requirements for passage of flows for fish habitat. This was further modified during the recent drought to allow increased diversions to Lake Casitas when storage levels are low (CMWD, 2021). Within the steelhead migration season (Jan. 1st to June 30th) outlined in the BO, available flows above 30 cfs up to 500 cfs can be diverted down the Robles Canal, with flows at or below 30 cfs, bypassing the diversion structure and flowing downstream. Additional release rules are applied to maintain flows during and after stormflow events with downstream releases of up to 171 cfs.. Outside of the migration season (July 1 to December 31), available flows over 20 cfs up to 500 cfs can be diverted down the Robles Canal.

Water from the Lake Casitas Reservoir is the primary water supply for many users in the Basin. Lake Casitas' water is also blended with poorer quality groundwater to improve water quality and extend supplies (VRWC, 2015). The reservoir is carefully managed to maintain supplies during a an extended dry period, and planned operations are based on hydrologic modeling that incorporates a historic 21-year dry period, future climate change

impacts, and the National Marine Fisheries Service 2003 non-jeopardy Steelhead Trout Biological Opinion for the Robles Diversion and Fish Passage Facility. Lake Casitas has been a reliable source of water in many multi-year dry periods when numerous wells were dry and there was little flow in the Ventura River (VRWC, 2015).

Page 52

Regarding the language below describing availability of gage 607 data, please note that the data is now available through 2020 on Casitas' website: <https://www.casitaswater.org/customers/fisheries-program>.

Streamflow data along the Ventura River are available at the 607 gage (located just downgradient of the Robles Diversion) and the Foster Park station (gage 608). While continuous and recent streamflow data is available from the Foster Park station, data from gage 607 was not available past 2017 due to delays in reporting by CMWD. This is not considered a significant data gap or uncertainty. These data will be incorporated into the modeling when CMWD publishes.

Page 64

Please revise the language as follows, reflecting that the dry reach begins upstream of the Robles Diversion based on Casitas' observations and mapping shown in Figure 3.2-12 of the Draft GSP.

Draft GSP Language:

The Ventura River within the Robles Area is mostly dry south of the Robles Diversion, except under stormflow conditions, when flows in the Ventura River exceed the infiltration rate along the riverbed.

Revised Language:

The Ventura River within the Robles Area is mostly dry starting just upstream of the Robles Diversion, except under stormflow conditions, when flows in the Ventura River exceed the infiltration rate along the riverbed.

Page 78

Please revise the language as follows:

Draft GSP Language:

A 2004 Water Supply and Use Report (CMWD, 2004) quantified the safe yield for the reservoir to be 20,540 AF/yr based on a 21-year critically dry period – down from the original 28,000 AF/yr safe yield planned by the USBR in 1954. The 20,540 AF/yr safe yield was used in the 2005, 2010, and 2015 urban water management plans. As the drought beginning in 2012 progressed, demands decreased due to voluntary and mandatory conservation measures implemented by CMWD and its retail purveyors. These measures were implemented proactively to extend the supplies of Lake Casitas. More recently, the reservoir safe yield has been re-assessed to be 10,660 AF/yr for Lake Casitas (now called “safe demand”), as discussed in Sections 3.3.2 and 3.3.3.2.

Revised Language:

A 2004 Water Supply and Use Report (CMWD, 2004) quantified the safe yield for the reservoir to be 20,540 AF/yr based on a 21-year critically dry period – down from the original 28,000 AF/yr safe yield planned by the USBR in 1954. The 20,540 AF/yr safe yield was used in the 2005, 2010, and 2015 urban water management plans. As the drought beginning in 2012 progressed, demands decreased due to voluntary and mandatory conservation measures implemented by CMWD and its retail purveyors. These measures were implemented proactively to extend the supplies of Lake Casitas.

More recently, the Lake Casitas 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*

On April 21, 2021, the Board of Director adopted a planned Casitas System operational yield of 15,010 AF/yr. The new 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. This updated yield was incorporated into CMWD's 2020 Urban Water Management Plan.

Page 82

Please revise the language as follows:

Draft GSP Language:

The current safe yield (also referred to as “safe demand”) for Lake Casitas is 10,660 AF/yr. Average CMWD deliveries for the current period are close to the 10,660 AF/yr safe demand. Consistent with the historical evaluation (Section 3.3.1.1), the surface water supply was deemed reliable because demands were less than projected for much of the historical period and the surface water supply was less than the safe yield of the reservoir, as it was understood at the time.

Revised Language

The current operational yield for the Casitas System is 15,010 AF/yr. Average CMWD deliveries for the current period (2017 through 2019) were approximately 11,000 AF/yr. Consistent with the historical evaluation (Section 3.3.1.1), the surface water supply was deemed reliable for purposes of this GSP because water demands were less than projected for much of the historical period and water demands has stayed within the planned operational yield of the reservoir.

Page 88

Please revise the language as follows:

Draft GSP Language:

As discussed in Section 3.3.2, Lake Casitas current “safe demand” is estimated to be 10,660 AF/yr (CWRP report). The CMWD CWRP indicates a 5,160 AF supply gap between the reservoir safe demand and projected demands for the overall CMWD service area. However, CMWD’s draft CWRP includes projects planned for implementation over the next decade to bridge the gap between “safe demand” and projected demands for Lake Casitas surface water supplies. This includes conservation measures to reduce future demands and projects to generate new water supplies. As such, with the planned future projects and conservation measures in CMWD’s CWRP, surface-water deliveries to UVRGB are anticipated to be reliable through the 20-year GSP implementation period.

Revised Language

As discussed in Section 3.3.2, the current operational yield of the Casitas System is estimated to be 15,010 AF/yr (CMWD 2020 UWMP). The CMWD 2020 UWMP is a water supply planning document that projects demands and supplies over the next 20 years. This includes demand management measures as well as projects to generate additional water supplies. For purposes of this analysis, with the planned supplies and conservation measures in CMWD’s 2020 UWMP, long-term surface-water deliveries to UVRGB are anticipated to be reliable through the 20-year GSP implementation.

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

Sincerely,

Michael Flood
General Manager

c:



**Casitas Municipal Water District
CFD 2013-1 Improvement Fund - Series B**

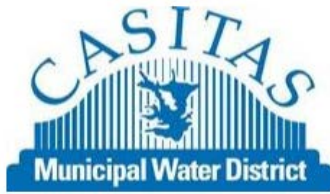
	Bonds Proceeds Received (1)	Interest Earned (2)	Expense (3)	Balance Series B (1)+(2)+(3)
2017 Subtotal	42,658,223.98	24,046.16	(36,886,093.06)	
TOTAL	42,658,223.98	24,046.16	(36,886,093.06)	5,796,177.08
2018 Subtotal	-	77,279.16	-	
TOTAL	42,658,223.98	101,325.32	(36,886,093.06)	5,873,456.24
2019 Subtotal	-	102,268.61	(1,486,814.43)	
TOTAL	42,658,223.98	203,593.93	(38,372,907.49)	4,488,910.42
2020 January		4,656.63		
February		4,539.94		
March		4,248.11		
April		2,235.18		
May		34.71		
June		22.97	(4,000,000.00) Project Reimbursement	
July		8.39	(404,999.69) Project Reimbursement	
August		1.84		
September		0.51		
October		0.49		
November		0.51		
December		0.60		
2020 Subtotal	-	15,749.88	(4,404,999.69)	
TOTAL	42,658,223.98	219,343.81	(42,777,907.18)	99,660.61
2021 January		0.51		
February		0.51		
March		0.46		
April		0.51	(92,272) Project Reimbursement (Mar exp)	
May		0.16	(7,390) Project Reimbursement (Apr exp)	
June		0.01		
July		-		
August		-		
September		-		
October		-		
November		-		
December		-		
2021 Subtotal	-	2.16	(99,662.60)	
TOTAL	42,658,223.98	219,345.97	(42,877,569.78)	0.17

**Casitas Municipal Water District
CFD 2013-1 Improvement Fund - Series C**

	Bonds Proceeds Received (1)	Interest Earned (2)	Expense (3)	Balance Series C (1)+(2)+(3)
2019 Subtotal	13,570,000.00	12,284.84	-	
TOTAL	13,570,000.00	12,284.84	-	13,582,285
2020 Subtotal	-	48,026.34	(1,362,971.53)	
TOTAL	13,570,000.00	60,311.18	(1,362,971.53)	12,267,339.65
2021 January		62.37		
February		62.37		
March		57.01		
April		62.37		
May		60.36	(537,876) Project Reimbursement (Apr exp)	
June		60.16	(662,386) Project Reimbursement (May exp)	
July		54.67	(1,150,111) Project Reimbursement (June exp)	
August		51.74	(719,027.97) Project Reimbursement (July exp)	
September		47.83		
October		-		
November		-		
December		-		
2021 Subtotal	-	518.88	(3,069,401.06)	
TOTAL	13,570,000.00	60,830.06	(4,432,372.59)	9,198,457.47

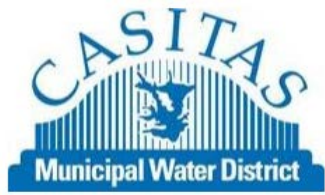
**Summary of Expenses
CFD 2013-1 Improvement Fund - Series B&C**

Purchase of Ojai System	34,481,628.00
Extension Contract	366,371.55
Meter Cost	2,038,093.51
Received Project reimbursements:	<u>10,423,849.31</u>
	47,309,942.37
	-
Total funds remaining for improvement Series B:	0.17
Total funds remaining for improvement Series C:	<u>9,198,457.47</u>
Total Funds Remaining	9,198,457.64
Received Project reimbursements:	10,423,849.31
Projects Cost YTD:	11,657,070.26
Projects Pending Reimbursement:	<u>1,233,220.95</u>
Total Funds Remaining less pending Reimbursement:	<u>7,965,236.70</u>



Casitas Municipal Water District
2013 - 1 Projects to be reimbursed to CMWD To Date
As of 9/30/2021

Project No:	Project Name:	Costs
400	Ojai System Masterplan	375,336.49
420	Sunset Place Pipeline Replacement	785,031.23
421	Cuyama, Palomar and El Paseo Roads Pipeline Replacement	2,090,806.49
422	South San Antonio Street and Crestview Drive Pipeline	89,258.17
423	West and East Ojai Avenue Pipeline Replacement	464,105.22
424	Running Ridge Zone Hydraulic Improvement	363,340.85
425	Well Rehabilitation Replacement	1,258,232.25
426	Valve & Appurtenance Replacement	1,136,796.97
427	Fairview Pipeline Replacement	-
428	Mutual Wellfield Pipeline	136,439.57
429	Grand Ave Pipeline	56,650.86
430	Signal Booster Zone Hydraulic Improvements	239,728.08
431	Emily Street Pipeline Replacement	1,101,818.56
432	Casitas-Ojai System Interties	78,158.82
522	Ojai Arc Flash Study	119,839.00
611	Mutual Replacement Well	438,973.36
411	Replace San Antonio #3 Well	29,759.77
506	Ojai SCADA UPS Units	11,447.67
509	Hypochlorite Tanks OS	24,186.95
511	Ojai Wellfield Cla-Vals	4,273.91
512	Well Monitoring Upgrades 07/2018	1,520.76
514	Ojai Wellfield Mag Meters 07/2018	18,876.70
433	Ojai 12" pipeline replac	1,988,456.81
434	Heidelberger PP Ret. Wal	29,479.63
435	Plesant Ave/Daily Rd Pip	62,644.70
436	OWS Tank/Valt Fall Impro	23,262.21
437	Wellvield VFDs	338,022.02
438	Lion St PL/ Fairview Conn	328,991.98
646	OWS Arbolada Tank	45,810.29
673	Mutual Well #7	15,820.94
Project(s) Cost To Date:		<u>11,657,070.26</u>



Casitas Municipal Water District
State Water Project - Interconnect Project Costs
As of 9/30/2021

Project No:	Project Name:	Costs paid to date	Encumbered	Total Encumbered & Cost To Date
378	State Water Interconnect - Calleguas to Casitas	115,142	-	115,142
527	State Water Interconnect - Carpinteria to Casitas	404,714	661,134	1,065,848
606	State Water Interconnect - Ventura to Casitas	224,241	25,002	249,242
Project(s) Cost To Date:				1,430,233

**CASITAS MUNICIPAL WATER DISTRICT
TREASURER'S MONTHLY REPORT OF INVESTMENTS
09/30/21**

Type of Invest	Institution	CUSIP	Date of Maturity	Original Cost	Current Mkt Value	Rate of Interest	Date of Deposit	% of Portfolio	Days to Maturity
*TB	Federal Home Loan Bank	3130A0EN6	12/10/2021	\$547,735	\$502,675	2.875%	5/9/2016	4.53%	70
*TB	Federal Home Loan Bank	3130AIXJ2	6/14/2024	\$941,144	\$899,629	2.875%	8/2/2016	8.10%	974
*TB	Federal Home Loan Bank	3130A5VW6	7/10/2025	\$1,025,110	\$1,072,910	2.700%	5/10/2017	9.66%	1360
*TB	Federal National Assn	31315P2J7	5/1/2024	\$809,970	\$778,048	3.300%	5/25/2016	7.01%	931
*TB	Farmer MAC	31315PYF0	5/2/2028	\$512,355	\$551,285	2.925%	11/20/2017	4.96%	2372
*TB	Federal Farm CR Bank	31331VWN2	4/13/2026	\$940,311	\$854,761	5.400%	5/9/2016	7.70%	1633
*TB	Federal Home Loan Bank	313383YJ4	9/8/2023	\$476,582	\$440,004	3.375%	7/14/2016	3.96%	698
*TB	Farmer MAC	3133EEPH7	2/12/2029	\$480,251	\$525,360	2.710%	11/20/2017	4.73%	2652
*TB	Federal National Assn	3135G0K36	4/24/2026	\$2,532,940	\$2,632,525	2.125%	7/6/2010	23.70%	1644
*TB	Federal National Assn	3135G0ZR7	9/6/2024	\$1,488,050	\$1,482,201	2.625%	5/25/2016	13.34%	1056
*TB	Federal Home Loan MTG Corp	3137EADB2	1/13/2022	\$683,584	\$668,343	2.375%	5/1/2016	6.02%	103
*TB	US Treasury Note	912828WE6	11/15/2023	\$723,061	\$699,234	2.750%	12/13/2013	6.30%	765
Total in Gov't Sec. (11-00-1055-00&1065)				\$11,161,094	\$11,106,976			99.97%	
Total Certificates of Deposit:				\$0	\$0			0.00%	
**	LAIF as of 6/30/2021: (11-00-1050-00)		N/A	\$482	\$482	1.36%	Estimated	0.00%	
***	COVI as of 6/30/2021: (11-00-1060-00)		N/A	\$3,059	\$3,059	1.50%	Estimated	0.03%	
TOTAL FUNDS INVESTED				\$11,164,635	\$11,110,517			100.00%	
Total Funds Invested last report				\$11,164,635	\$11,173,020				
Total Funds Invested 1 Yr. Ago				\$11,755,742	\$12,078,507				
****	CASH IN BANK (11-00-1000-00) EST.			\$4,965,812	\$4,965,812				
	CASH IN Custody Money Market			\$585,315	585,314.91	0.30%			
TOTAL CASH & INVESTMENTS				\$16,715,762	\$16,661,643				
TOTAL CASH & INVESTMENTS 1 YR AGO				\$15,379,462	\$15,702,227				

- *CD CD - Certificate of Deposit
- *TB TB - Federal Treasury Bonds or Bills
- ** Local Agency Investment Fund
- *** County of Ventura Investment Fund
- Estimated interest rate, actual not due at present time.
- **** Cash in bank

No investments were made pursuant to subdivision (i) of Section 53601, Section 53601.1 and subdivision (i) Section 53635 of the Government Code.
All investments were made in accordance with the Treasurer's annual statement of investment policy.