AGENDA

REGULAR MEETING OF THE BOARD OF DIRECTORS OF CARPINTERIA VALLEY WATER DISTRICT

CARPINTERIA CITY HALL 5775 CARPINTERIA AVENUE CARPINTERIA, CA 93013

Wednesday, September 13, 2023 at 5:30 p.m.

If interested in participating in a matter before the Board, you are strongly encouraged to provide the Board with a public comment in one of the following ways:

1. **Online:** Comments may be submitted online through the **"eComments"** function located in the **Upcoming Events** section on our website: https://cvwd.net/about/our-board/meetings/ **by 5:00 p.m. on the day of the meeting.**

2. **Submitting a Written Comment.** If you wish to submit a written comment, please email your comment to the Board Secretary at Public_Comment@cvwd.net by **5:00 P.M. on the day of the meeting**. Please limit your comments to 250 words. Every effort will be made to read your comment into the record, but some comments may not be read due to time limitations.

3. If you wish to make either a general public comment or to comment on a specific agenda item in person, please: attend the Board Meeting at the location noted above and fill out a speaker slip prior to the hearing the item.

I. CALL TO ORDER AND PLEDGE OF ALLEGIANCE, President Van Wingerden

II. ROLL CALL, Secretary McDonald

III. PUBLIC FORUM (Any person may address the Board of Directors on any matter within its jurisdiction which is not on the agenda)

IV. APPROVAL ITEMS

A. **Minutes of the Regular Board meeting held on August 23, 2023
B. **Disbursement Report for July 15, 2023 – August 15, 2023

V. UNFINISHED BUSINESS – None

VI. **ADJOURN to Regular meeting of Carpinteria Groundwater Sustainability Agency (Time Certain 5:35 p.m.)

1301 Santa Ynez Avenue
Carpinteria, CA 93013
(805) 684-2816

**Indicates attachment of document to agenda packet.

VII. NEW BUSINESS –

A. **Consider Revised Rule & Regulations Regarding Leaks (for action, General Manager McDonald)

B. **Consider Allocation Results based on proposed methods (for information, General Manager McDonald)

C. ** Present Proposed Fiscal Year 2024-2026 Budget and corresponding Fiscal Year 2024-2026 Water Rates & Charges (for information, Assistant General Manager Rosales) *Rates Presentation by Lindsay Roth, Raftelis*

D. Public Hearing on Rates and Charges Increase

1. **Secretary's Report (Board Secretary McDonald)
2. Opening of Public Hearing (President Van Wingerden)
3. Receipt of Public Comment (President Van Wingerden)
4. Closing of Public Hearing (President Van Wingerden)
5. Director Comments
6. Tallying of Protests

E. **Consider Adoption of Resolution 1149 Approving the FY 2024-2026 Budget (for action, General Manager McDonald)

F. **Consider Adoption of Resolution 1150 approving FY 2024-2026 Rates and Charges for Water Service (for action, General Manager McDonald)

G. **Consider Swordfish Tool Capital Reallocation Approval in an amount not to exceed $83,000 (for action, General Manager McDonald).

H. **Consider Capital Reallocation Approval for HQ Well in an amount not to exceed $46,000 (for action, General Manager McDonald).

VIII. DIRECTOR REPORTS –

A. **CCWA Special Board Meeting – August 24, 2023 – Director Johnson

B. **COMB Board Meeting – August 28, 2023 – Director Van Wingerden

C. **COMB Administrative Committee Meeting – September 12, 2023 – Director Holcombe

D. **Administrative Committee Meeting – August 29, 2023 – Directors Roberts & Van Wingerden

IX. GENERAL MANAGER REPORTS (for information) – None

X. [CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: POTENTIAL LITIGATION, [GOVERNMENT CODE SECTION 54956.9(D)(2)]: Cachuma Operations & Maintenance Board

XI. CONSIDER DATES AND ITEMS FOR AGENDA FOR:

CARPINTERIA VALLEY WATER DISTRICT BOARD MEETING OF SEPTEMBER 27, 2023, AT 5:30 P.M., CARPINTERIA CITY HALL, 5775 CARPINTERIA AVENUE, CARPINTERIA, CALIFORNIA.

XII. ADJOURNMENT.

Robert McDonald, Secretary

Note: The above Agenda was posted at Carpinteria Valley Water District Administrative Office in view of the public no later than 5:30 p.m., September 10, 2023. The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied benefits of, the District's programs, services, or activities because of any disability. If you need special assistance to participate in this meeting, please contact the District Office at (805) 684-2816. Notification at least twenty-four (24) hours prior to the meeting will enable the District to make appropriate arrangements. Materials related to an item on this Agenda submitted to the Board of Directors after distribution of the agenda packet are available for public inspection in the Carpinteria Valley Water district offices located at 1301 Santa Ynez Avenue, Carpinteria during normal business hours, from 8 am to 5 pm.

1301 Santa Ynez Avenue
Carpinteria, CA 93013
(805) 684-2816

**Indicates attachment of document to agenda packet.

	MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS
	CARPINTERIA VALLEY WATER DISTRICT
	August 23, 2023
	President Van Wingerden called the regular meeting of the Carpinteria Valley Water District Board of Directors held in the Carpinteria City Hall Chamber to order at 5:30 p.m., Wednesday, August 23, 2023, and led the Board in the Pledge of Allegiance.
ROLL CALL	Directors Present; Johnson, Holcombe, Balch, Roberts and Van Wingerden Directors Absent: None
	Others Present: Bob McDonald
	Cari Ann Potts Norma Rosales Lisa Silva Maso Motlow Scott Van Der Kar
PUBLIC FORUM	No one from the public addressed the Board.
MINUTES	Following discussion, Director Holcombe moved, and Director Balch seconded the motion to approve the minutes of the Board meeting held on August 9, 2023. The motion carried by a 5-0 vote. The minutes were approved by roll call as follows; Ayes: Holcombe, Johnson, Balch, Roberts and Van Wingerden Nayes : none Absent: none
DISBURSEMENT REPORT	Following discussion, Director Balch moved, and Director Holcombe seconded the motion to approve the monthly bills for the period of June 16, 2023 through July 15, 2023. The motion carried by a 5-0 vote. The motion was approved by roll call as follows; Ayes: Holcombe, Johnson, Balch, Roberts and Van Wingerden Nayes : none Absent: none
ADJOURN	President Van Wingerden opened the regular Carpinteria Groundwater Sustainability Agency meeting at 5:33 p.m.

RECONVENED TO REGULAR BOARD MEETING	President Van Wingerden reconvened the Board meeting at 6:09 p.m.
REVISED RULE 17	General Manager McDonald presented to consider and discuss the proposed Revised Rule 17 to allow Master Meters in some cases. Presentation by Maso Motlow. Requirements for master meter eligibility (Rule 17): • Each building in a multi-family development may be eligible for a master meter with submeters (instead of individual meters) if it meets the relevant criteria below. However, final determination of master meter eligibility is at the District's discretion. - (i) A building with more than 10 dwelling units (that are not individually parceled) is eligible for a master meter with submeters. - (ii) Buildings with more than 10 individually parceled dwelling units are only eligible for a master meter with submeters if plumbing of individual meters is not feasible or individual meters do not fit in the right of way. For information. No action was taken
METER LEAK POLICY UPDATE	General Manager McDonald presented to consider and discuss the proposed Updated Meter Leak Policy. Presentation by Maso Motlow. Goal: Minimize water waste from leaks in a way that is financially feasible for the customer and procedurally feasible for the District. To enable the District to levy fines/penalties as necessary to motivate leak resolution. For information. No action was taken
AUDIT ARRANGEMENT LETTER	General Manager McDonald presented to consider Bartlett, Pringle & Wolf Audit Arrangement Letter for Fiscal Year 22/23 for an amount of $34,000. Presented by Assistant General Manager, Norma Rosales. Board discussion of Audit Firm Options for future years: • Continue with BPW – Partner rotation • Go out to bid – Issue RFP Following discussion, Director Holcombe moved, and Director Roberts seconded the motion to approve the Audit Arrangement Letter. The motion carried by a 5-0 vote. The motion was approved by roll call as follows; Ayes: Holcombe, Johnson, Balch, Roberts and Van Wingerden

	Nayes : none Absent: none
RESOLUTION 1148	General Manager McDonald presented to consider Resolution 1148 Approving the Second Amendment of the Joint Exercise of Powers Agreement Creating the Central Coast Water Authority and Finding such action exempt from The California Environmental Quality Act. Proposal: Amend the CCWA Joint Powers Agreement by adding subsection (q) to Section 5 of the Agreement, authorizing the Authority to enter into contracts or take any other action necessary or convenient for the storage and use of water in a groundwater bank, reservoir, or any other system of facilities for the storage of water. Following discussion, Director Holcombe moved, and Director Roberts seconded the motion to approve Resolution 1148. The motion carried by a 5-0 vote. The motion was approved by roll call as follows; Ayes: Holcombe, Johnson, Balch, Roberts and Van Wingerden Nayes : none Absent: none
ACWA ELECTIONS	General Manager McDonald presented to consider ACWA Elections. Ballot votes for submission: President: Cathy Green Vice President: Ernie Avila Region 5: Nominating Committee's Recommended Slate Following discussion, Director Holcombe moved, and Director Roberts seconded the motion to approve Ballot votes for ACWA Elections. The motion carried by a 5-0 vote. The motion was approved by roll call as follows; Ayes: Holcombe, Johnson, Balch, Roberts and Van Wingerden Nayes : none Absent: none
ACWA FALL CONFERENCE & EXPO	General Manager McDonald presented to consider and discuss ACWA Fall Conference & Expo.
ADMINISTRATIVE COMMITTEE MEETING	Directors Holcombe and Roberts gave a verbal report on the Administrative Committee meeting that was held on August 15, 2023

CACHUMA OPERATIONS & MAINTENANCE BOARD OPERATIONS COMMITTEE MEETING	Director Holcombe gave a verbal report on the COMB Operations Committee meeting that was held on August 22, 2023
CLOSED SESSION	There were no Closed Session items
NEXT BOARD MEETING	The next Regular Board meeting is scheduled to be held on September 13, 2023, at 5:30 p.m., Carpinteria City Hall, 5775 Carpinteria Avenue, Carpinteria California. Director Johnson requested a future presentation to discuss the feasibility of pumping Lake Cachuma overflow water into Carpinteria, Director Holcombe agreed, Director Van Wingerden added possibly convincing private pumpers to stop pumping and using City water to keep charging the basin.
ADJOURNMENT	President Van Wingerden adjourned the meeting at 7:27 p.m.
NEXT BOARD MEETING	Robert McDonald, Secretary

Monthly Disbursement Report

Carpinteria Valley Water District

Payment Date: 07/16/23 - 08/15/23

Disbursement Report		
Operating Account	**$**	**996,470.36**
Rancho Monte Alegre (RMA)		**-**
Total:	**$**	**996,470.36**

Operating Account - Check Report

Vendor	Description	Payment Number	Payment Date	Payment
ACWA/JPIA				**44,344.16**
	PROPERTY PROGRAM - 070123-063024	40159	7/18/2023	28,842.26
	CYBER LIABILITY - ANNUAL 070123-063024	40174	7/27/2023	2,832.00
	WORKER'S COMP - 4TH QUARTER	40208	8/9/2023	12,669.90
ACWA-JPIA				**32,982.45**
	HEALTH INS	40184	8/1/2023	32,982.45
AFLAC				**773.38**
	SUPPLEMENTAL INSURANCE	40206	8/9/2023	773.38
ALL AROUND LANDSCAPE SUPPLY				**112.79**
	WEED ABATEMENT	APA000940	7/18/2023	85.55
	MINOR TOOLS	APA001000	8/9/2023	27.24
AMERICAN WATER WORKS ASSOCIATION				**311.00**
	AWWA ANNUAL MEMBERSHIP DUES- RG	40175	7/27/2023	311.00
ANTHEM BLUE CROSS				**94.50**
	RETIREE - SUPPLEMENTAL INSURANCE - AUGUST	40154	7/18/2023	94.50
ANTHEM BLUE CROSS				**348.51**
	ANTHEM RETIREE PREMIUM - AUGUST	40153	7/18/2023	348.51
A-OK POWER EQUIPMENT				**32.01**
	CHAINSAW BLADES	APA000976	8/2/2023	32.01
ASPECT ENGINEERING GROUP				**1,080.00**
	MAINTENANCE OF SCADA EQUIPMENT	APA000941	7/18/2023	1,080.00
AT&T MOBILITY				**226.53**
	SCADA, TABLETS, OTHER WIRELESS - JULY	40160	7/18/2023	226.53
AWA				**150.00**
	CCWA ANNUAL MEMBERSHIP	APA000942	7/18/2023	150.00
BADGER METER INC.				**1,114.63**
	MATERIAL INVENTORY ENDPOINTS & CABLE REPAIR KITS	40183	8/1/2023	1,114.63
BIG GREEN CLEANING COMPANY / RICH & FAMOUS, INC.				**859.00**
	MONTHLY JANITORIAL SERVICES - JULY	APA000943	7/18/2023	859.00
BNY MELLON CORPORATE TRUST				**3,750.00**
	2020A TRUSTEE FEE - ANNUAL - 041723-041624	40185	8/2/2023	1,250.00
	2020B TRUSTEE FEE - ANNUAL - 041723-041624	40185	8/2/2023	1,250.00
	2020C TRUSTEE FEE - ANNUAL - 041723-041624	40185	8/2/2023	1,250.00

Vendor	Description	Payment Number	Payment Date	Payment
BOOT BARN				**209.41**
	SAFETY BOOTS - GVH	APA000944	7/18/2023	209.41
BRENNTAG PACIFIC, INC				**5,983.62**
	TREATMENT & TEST WELLS	APA000977	8/2/2023	5,983.62
CACHUMA O & M BOARD				**159,108.00**
	CACHUMA PROJ ANNUAL RENEWAL FUND - 100122-093023	40161	7/18/2023	17,036.00
	1ST QRTR BUDGET ASSESS - JULY - SEP - FY 23/24	40161	7/18/2023	142,072.00
CALIFORNIA GREEN BUSINESS NETWORK				**829.15**
	GREEN BUSINESS PROGRAM ANNUAL CONTRIBUTION	40155	7/18/2023	829.15
CANON FINANCIAL SERVICES, INC				**850.38**
	MONTHLY CONTRACT CHARGES COPIER	APA000966	7/25/2023	850.38
CARDMEMBER SERVICES (ELAN, FORMERLY SBBT)				**1,302.50**
	ACH PAYMENT - 070523	ACH	7/5/2023	(8,778.83)
	SOFTWARE MAINTENANCE	40186	8/2/2023	54.99
	UTILITY-TELEPHONE	40186	8/2/2023	1,125.15
	MANAGER MEETING	40186	8/2/2023	218.38
	OFFICE SUPPLIES	40186	8/2/2023	405.96
	COMPUTER SYSTEM MAINTENANCE	40186	8/2/2023	332.99
	DUES & SUBSCRIPTIONS	40186	8/2/2023	191.99
	PUBLIC INFORMATION	40186	8/2/2023	13.00
	EMPLOYEE TRAVEL	40186	8/2/2023	286.76
	EMPLOYEE RELATIONS	40186	8/2/2023	115.97
	FLEET VEHICLE EXPENSE	40186	8/2/2023	13.55
	BOARD MEETING/SUPPLIES	40186	8/2/2023	105.97
	MEETINGS & EVENTS	40186	8/2/2023	735.84
	SAFETY SUPPLIES	40186	8/2/2023	91.05
	MAINTENANCE OF MAINS/HYDRANTS	40186	8/2/2023	70.03
	PROJ C-131 - SKATE PARK	40186	8/2/2023	78.48
	PROJ P63 - EL CARRO MONITORING WELL	40186	8/2/2023	420.23
	MAINTENANCE OF VEHICLES/EQUIPMENT	40186	8/2/2023	49.57
	MAINTENANCE OF METERS/SERVICES	40186	8/2/2023	27.13
	MINOR TOOLS/EQUIPMENT	40186	8/2/2023	4,607.29
	ADVERTISING	40186	8/2/2023	1,137.00
CARPINTERIA VALLEY LUMBER CO				**1,233.12**
	MAINTENANCE OF MAINS	APA000945	7/18/2023	66.62
	MAINTENANCE OF PUMPS	APA000945	7/18/2023	124.51
	VAULT COVER BOARDS	APA000945	7/18/2023	87.70
	VAULT COVER BOARDS	APA000945	7/18/2023	5.72
	ENGINEERING SUPPLIES	APA000945	7/18/2023	10.88
	MAINTENANCE OF MAINS	APA000945	7/18/2023	890.90
	MAINTENANCE OF FACILITIES	APA000945	7/18/2023	46.79
CHARLES B. HAMILTON				**566.00**
	RETIREE - INSURANCE - JULY & AUGUST	40192	8/4/2023	566.00
CITY OF CARPINTERIA				**337.50**
	BOARD MEETING TAPING - APRIL - JUNE	APA000967	7/25/2023	337.50
COAST AUTO PARTS				**89.88**
	EQUIPMENT MAINTENANCE	APA000978	8/2/2023	82.27
	EQUIPMENT MAINTENANCE	APA000978	8/2/2023	7.61
COASTAL VIEW NEWS				**1,237.00**
	DROUGHT AD 070623	APA000946	7/18/2023	254.00
	ADVERTISEMENT - WUW1/HELPER - JULY	APA000968	7/25/2023	500.00
	DROUGHT AD 072023	APA000979	8/2/2023	254.00
	AD - LEGAL NOTICES - 072723	APA001001	8/9/2023	229.00

Vendor	Description	Payment Number	Payment Date	Payment
COLANTUONO, HIGHSMITH & WHATLEY, PC				**6,141.50**
	ADVICE RE: WTER RATES - JUNE	APA000947	7/18/2023	5,041.00
	ADVICE RE: WTER RATES - JULY	APA001002	8/9/2023	1,100.50
COLONIAL LIFE				**768.58**
	LIFE INSURANCE - EMPLOYEE P/R DEDUCTION	40173	7/27/2023	768.58
CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.				**258.61**
	SCADA MAINTENANCE	APA000980	8/2/2023	258.61
COUNTY OF SANTA BARBARA - P.W. TRANSPORTATION PERMIT OFFICE				**956.33**
	P61 - SANTA CLAUS LANE WATER LINE RELOCAT PERMIT	40189	8/2/2023	956.33
COUNTY OF SANTA BARBARA CLERK RECORDER ASSESSOR				**22.00**
	CR-RECORDING FEES - 061523	40162	7/18/2023	22.00
COUNTY OF SANTA BARBARA PUBLIC WORKS				**4,999.33**
	BOULDER ENGRAVING - WATERWISE CONTEST	40156	7/18/2023	217.00
	IRWM PROGRAM MOU 010123-063023	APA001003	8/9/2023	232.86
	RWEP PROGRAMS & PROJECTS	APA001003	8/9/2023	4,549.47
COUNTY OF SANTA BARBARA PUBLIC WORKS DEPARTMENT				**25.00**
	CLEAN WOOD WASTE	APA000981	8/2/2023	25.00
COX COMMUNICATIONS CALIFORNIA				**255.62**
	INTERNET PROVIDER - AUGUST	40211	8/9/2023	255.62
DANIELLE ROSE				**3,081.42**
	TUITION REIMBURSEMENT	40176	7/27/2023	3,081.42
DAVE HUNSAKER - DAVE'S ORGANIC GARDENING				**5,413.20**
	LANDSCAPE SERVICES - MAY	APA001004	8/9/2023	2,632.50
	LANDSCAPE SERVICES - JUNE	APA001004	8/9/2023	2,780.70
DLT SOLUTIONS, LLC				**1,451.90**
	SOFTWARE LICENSE FOR AUTOCAD	APA000982	8/2/2023	1,451.90
DOCUPRODUCTS CORPORATION				**712.06**
	COPIER LEASE - 050323-080223	APA001005	8/9/2023	712.06
E.J. HARRISON & SONS, INC.				**272.85**
	TRASH & RECYCLE - 071323	APA000969	7/25/2023	272.85
ECHO COMMUNICATIONS				**479.35**
	TELEPHONE SERVICES - JULY	40163	7/18/2023	221.10
	TELEPHONE SERVICES - AUGUST	APA001006	8/9/2023	258.25
EDISON CO				**24,338.58**
	CARP RES - 20,431 KWH - JULY	40172	7/25/2023	5,232.64
	GOB CYN PUMP - 821 KWH - JULY	40172	7/25/2023	231.65
	FOOTHILL TANK MONTHLY- 5,366 KWH - JULY	40157	7/18/2023	4,003.96
	SMILLIE WELL - 9,072 KWH - JULY	40172	7/25/2023	3,561.57
	LYONS WELL - 3 KWH - JULY	40172	7/25/2023	74.18
	EL CARRO WELL - 13,993 KWH - JULY	40169	7/25/2023	6,348.73
	SM TANK - 217 KWH - JULY	40172	7/25/2023	83.21
	OFFICE - 3,234 KWH - JULY	40169	7/25/2023	1,038.38
	SM PUMP - KWH 4,434 - JULY	40172	7/25/2023	1,552.32
	HQ WELL- -24,517 KWH - JULY	40169	7/25/2023	2,211.94
ENTERPRISE FM TRUST				**7,179.50**
	FLEET LEASE AND MAINT - JULY	APA000970	7/25/2023	7,179.50
ERIC FLEMING				**105.00**
	REIMBURSEMENT - D4 CERTIFICATE	40212	8/9/2023	105.00
EUROFINS EATON ANALYTICAL INC				**250.00**
	UCMR SAMPLING HQ WELL	APA000948	7/18/2023	250.00

Vendor	Description	Payment Number	Payment Date	Payment
FAMCON PIPE AND SUPPLY, INC				**1,465.40**
	INVENTORY	APA001007	8/9/2023	1,465.40
FRONTIER COMMUNICATIONS				**471.46**
	ORTEGA - 071623-081523	APA000983	8/2/2023	123.35
	OFFICE - 071623-081523	APA000983	8/2/2023	348.11
FRUIT GROWERS LABORATORY, INC				**2,755.00**
	INORGANIC ANALYSIS - GENERAL MINERAL	APA000949	7/18/2023	1,239.00
	BACTI ANALYSIS - COLIFORM - COLILERT-P/A	APA000949	7/18/2023	170.00
	BACTI ANALYSIS - COLILERT - P/A & QUANTI TRAY	APA000971	7/25/2023	270.00
	BACTI ANALYSIS - COLIFORM - COLILERT-P/A	APA000971	7/25/2023	170.00
	BACTI ANALYSIS-BIO ACTIVITY/HETER/COLIFORM	APA001008	8/9/2023	110.00
	INORGANIC ANALYSIS - METALS, TOTAL-FE, MN	APA001008	8/9/2023	213.00
	BACTI ANALYSIS - COLIFORM - COLILERT-P/A	APA001008	8/9/2023	170.00
	BACTI ANALYSIS-BIO ACTIVITY/HETER/COLIFORM	APA001008	8/9/2023	110.00
	P77 - CAPP - BORON SAMPLING	APA000984	8/2/2023	133.00
	BACTI ANALYSIS - COLIFORM - COLILERT-P/A	APA001008	8/9/2023	170.00
FTI SERVICES, INC.				**56,846.41**
	O365 AND FORTIGATE MFA, O365 ENHANCED SEC, O365 BU	40152	7/18/2023	6,428.75
	REPLACE SERVER RACK	40152	7/18/2023	1,930.89
	MONTHLY MONITORING & ANTIVIRUS - JULY	APA000950	7/18/2023	622.50
	DATTO BACKUP, STORAGE AND DISASTER REC DRIVE	40152	7/18/2023	1,500.00
	O365 AND FORTIGATE MFA, O365 ENHANCED SEC, O365 BU	40152	7/18/2023	77.00
	IT SUPPORT - MARCH/APRIL	40170	7/25/2023	1,517.25
	IT SUPPORT - JANUARY	40170	7/25/2023	1,472.63
	IT SUPPORT - FEBRUARY	40170	7/25/2023	1,383.39
	IT SUPPORT - JANUARY	40170	7/25/2023	267.76
	IT SUPPORT - FEB/MARCH	40170	7/25/2023	3,436.14
	IT SUPPORT - FEB/MARCH	40170	7/25/2023	1,695.75
	IT SUPPORT - APRIL	40170	7/25/2023	401.63
	DATTO SUPPORT - MAY	40170	7/25/2023	1,300.00
	MONTHLY - DATTO BACKUPS - MAY	40170	7/25/2023	82.50
	IT SUPPORT - APRIL/MAY	40170	7/25/2023	3,257.64
	MONTHLY - DATTO BACKUPS - JUNE	40170	7/25/2023	1,300.00
	IT SUPPORT - APRIL	40170	7/25/2023	1,294.13
	MONTHLY - DATTO BACKUPS - JULY	40170	7/25/2023	1,300.00
	SERVER REPLACEMENT AND WIRING PROJ COMPLETION	40191	8/2/2023	26,278.70
	MONTHLY - DATTO BACKUPS - JULY	APA000985	8/2/2023	85.25
	MICROSOFT 365 LICENSE - JULY	APA001009	8/9/2023	592.00
	MONTHLY MONITORING & ANTIVIRUS - AUGUST	APA001009	8/9/2023	622.50
GABRIEL JAIMES				**608.00**
	RETIREE - INSURANCE - JULY & AUGUST	40193	8/4/2023	608.00
GAS COMPANY				**46.65**
	MONTHLY CHARGES - FRONT OFFICE - JULY	40194	8/4/2023	25.85
	MONTHLY CHARGES - BACK OFFICE - JULY	40187	8/2/2023	20.80
HAMNER, JEWELL & ASSOCIATES				**5,701.00**
	CAPP PROJECT - JUNE	APA000951	7/18/2023	5,701.00
HAYWARD LUMBER CO.				**32.17**
	REPLACEMENT PART FOR IMPACT GUN	APA000952	7/18/2023	10.55
	SMALL TOOLS	APA000986	8/2/2023	21.62

Vendor	Description	Payment Number	Payment Date	Payment
HD SUPPLY, INC				**467.73**
	UTILITY SERVICE ALERT SUPPLIES	APA000953	7/18/2023	429.30
	SAFETY SUPPLIES	APA001010	8/9/2023	38.43
HEATH KELSEY - PIPELINE DIAGNOSTIC SERVICES				**20,000.00**
	CCTV PIPELINE INSPECTION AND LEAK DETECTION	40151	7/18/2023	20,000.00
IMPULSE INTERNET SERVICES, LLC				**279.90**
	INTERNET PROVIDER - AUGUST	APA000954	7/18/2023	139.95
	INTERNET PROVIDER - SEPTEMBER	APA001011	8/9/2023	139.95
INFOSEND INC				**3,010.36**
	DISCONNECTS - JUNE	APA000987	8/2/2023	328.60
	EBILLS - JUNE	APA000987	8/2/2023	323.60
	STATEMENTS - JULY	APA000987	8/2/2023	2,039.66
	EBILLS - JULY	APA001012	8/9/2023	318.50
IRVINE RANCH WATER DISTRICT				**88,606.47**
	IRWD VARIABLE CHARGES 011317-072219	40195	8/4/2023	88,606.47
JACK HENRY & ASSOCIATES, INC.				**550.00**
	UPDATING REMOTE DEPOSIT FOR US BANK	APA000972	7/25/2023	550.00
JACOB DE LOS REYES				**140.00**
	REIMBURSE - D4 CERTIFICATE	40158	7/18/2023	140.00
JOY EQUIPMENT PROTECTION				**1,125.00**
	FIRE SPRINKLER SYSTEM TEST	APA000955	7/18/2023	1,125.00
KATZ & ASSOCIATES, INC.				**2,090.00**
	CAPP - MAY	APA000988	8/2/2023	2,090.00
LINCOLN LIFE				**17,413.56**
	DEFERRED COMPENSATION	DFT0001472	7/24/2023	5,563.60
	ROTH IRA	DFT0001473	7/25/2023	750.00
	DEFERRED COMPENSATION	DFT0001484	8/8/2023	4,786.36
	DEFERRED COMPENSATION	DFT0001485	8/10/2023	5,563.60
	ROTH IRA	DFT0001485	8/10/2023	750.00
MSDS ONLINE INC.				**3,499.91**
	MSDS ONLINE CHEMICAL MNGMT PROG LICENSE	40171	7/25/2023	3,499.91
MYERS, WIDDERS, GIBSON JONES & FEINGOLD, LLP				**7,557.00**
	GENERAL COUNSEL - CCWA - JUNE	APA000973	7/25/2023	1,151.50
	GENERAL COUNSEL - COMB - JUNE	APA000973	7/25/2023	73.50
	GENERAL COUNSEL - JUNE	APA000973	7/25/2023	2,548.00
	GENERAL COUNSEL - CAPP - JUNE	APA000973	7/25/2023	3,724.00
	GENERAL COUNSEL - BUYNAK LITIGATION - JUNE	APA000973	7/25/2023	60.00
NEW PIG				**2,249.67**
	SPILL KIT & REPLACEMENT SUPPLIES	APA000989	8/2/2023	1,777.20
	SPILL KIT & REPLACEMENT SUPPLIES	APA000989	8/2/2023	472.47
NIELSEN MERKSAMER PARRINELLO GROSS & LEONI LLP				**2,201.00**
	COUNSEL FOR PUBLIC RECORDS REQUEST	APA000990	8/2/2023	2,201.00
NTS MIKEDON, LLC				**199.85**
	PROJ C131 - SKATE PARK	APA000991	8/2/2023	199.85
O'CONNOR & SONS INC.				**170.10**
	DISTRICT OFFICE - PEST CONTROL	APA000974	7/25/2023	170.10
OPENEDGE				**15,576.27**
	CREDIT CARD PROCESSING FEES JULY 2023	DFT0001497	8/2/2023	15,576.27
OPTONY INC				**1,443.00**
	SOLAR ENERGY OPTIONS STUDY - MAY/JUNE	APA000956	7/18/2023	1,443.00

Vendor	Description	Payment Number	Payment Date	Payment
P E R S				**41,361.65**
	PERS PEPRA UAL ANNUAL INVOICE FY24	40167	7/19/2023	388.00
	UAL 072023 PMT	DFT0001491	7/19/2023	33.42
	PERS	DFT0001475	7/19/2023	130.42
	PERS	DFT0001474	7/19/2023	13,603.27
	PERS	DFT0001477	7/19/2023	13,603.27
	PERS	DFT0001478	7/19/2023	13,603.27
PAYROLL TRANSFER				**115,330.25**
	PAYROLL XFER PPE 072223	DFT0001488	7/21/2023	56,836.87
	PR TRANSFER PPE 080523	DFT0001503	8/5/2023	56,885.54
	PR TRANSFER PPE 081523 - GV FINAL PAY	DFT0001504	8/15/2023	1,607.84
PERRY'S WELDING				**800.00**
	PROJ C-131 - SKATE PARK	APA001013	8/9/2023	800.00
PUEBLO WATER RESOURCES, INC				**5,980.00**
	PROJECT P59 - EL CARRO WELL REHAB	APA000957	7/18/2023	5,980.00
QUADIENT LEASING USA, INC.				**988.90**
	POSTAGE & LETTER - 081023-110923	APA000975	7/25/2023	988.90
QUINN COMPANY				**1,311.97**
	2000 WATER TRUCK RENTAL CREDIT MEMO	APA000992	8/2/2023	(3,583.40)
	BACKHOE THROTTLE REPAIR	APA000958	7/18/2023	1,066.03
	OFFICE GENERATOR PM AND LOAD BANK	APA000992	8/2/2023	1,740.53
	PORTABLE GENERATOR PM & LOAD BANK	APA000992	8/2/2023	2,088.81
RAFTELIS				**7,800.15**
	2023 MULTI-YEAR RATE STUDY - JUNE	APA000959	7/18/2023	7,800.15
SANTA BARBARA COUNTY EHS/CUPA				**429.00**
	ANNUAL HAZARDOUS MATERIALS PERMIT - SMILLIE WELL	40164	7/18/2023	429.00
SAWASKE LANDSCAPE				**341.00**
	LYONS WELL - JUNE	APA000960	7/18/2023	341.00
SC FUELS				**1,699.95**
	EQUIPMENT DIESEL	APA000961	7/18/2023	1,699.95
SHIRLEY JOHNSON				**72.05**
	MILEAGE REIMBURSE - CCWA BOARD MTG - 072723	40213	8/9/2023	72.05
SIEMENS PUBLIC, INC.				**134,669.33**
	QUARTERLY PERFORMANCE CONTRACT	40190	8/2/2023	134,669.33
SIERRA TRAFFIC SERVICES				**5,549.65**
	PROJ C-131 - SKATE PARK	APA000993	8/2/2023	2,530.95
	METERS & SERVICES	APA001014	8/9/2023	3,018.70
STAPLES BUSINESS ADVANTAGE				**823.15**
	OFFICE SUPPLIES	40165	7/18/2023	402.18
	OFFICE SUPPLIES	APA001015	8/9/2023	420.97
STATE OF CALIFORNIA - EDD				**8,993.52**
	STATE WITHHOLDING	DFT0001470	7/24/2023	3,485.29
	STATE DISABILITY INSURANCE	DFT0001470	7/24/2023	745.93
	STATE WITHHOLDING	DFT0001480	8/7/2023	3,566.52
	STATE DISABILITY INSURANCE	DFT0001480	8/7/2023	738.97
	STATE WITHHOLDING	DFT0001482	8/7/2023	385.00
	STATE DISABILITY INSURANCE	DFT0001482	8/7/2023	71.81
STRADLING YOCCA CARLSON & RAUTH				**1,145.50**
	LEGAL SERVICES	APA000994	8/2/2023	1,145.50
SUN COAST RENTALS INC				**471.00**
	PROJ C-131 SKATE PARK	APA000995	8/2/2023	471.00

Vendor	Description	Payment Number	Payment Date	Payment
T & T TRUCK & CRANE SERVICE				**1,232.00**
	ASPHALT DISPOSAL	40177	7/27/2023	1,232.00
TIM MACMURRY				**6,811.54**
	CONST ADVANCE REFUND - PROJ C124 - 6339 CASITAS	40207	8/9/2023	6,811.54
TORRITO EQUIPMENT, LLC				**6,518.38**
	GENERATOR, COMPRESSOR, PRESSURE WASH	40168	7/20/2023	6,518.38
TOTAL BARRICADE SERVICE INC.				**3,777.70**
	PROJ P-58 - LIVR	APA000962	7/18/2023	2,115.00
	MAINT OF MAINS & HYRDANTS	APA001016	8/9/2023	1,662.70
TYLER TECHNOLOGIES, INC				**80.50**
	UTILITY BILLING NOTIFCATION	APA000963	7/18/2023	80.50
UNDERGROUND SERVICE				**859.42**
	ANNUAL SAFE EXCAVATION BOARD 23/24	APA001017	8/9/2023	550.67
	71 NEW TICKET - JULY	APA000996	8/2/2023	134.25
	NEW TICKET CHARGES - 94 - AUGUST	APA001017	8/9/2023	174.50
UNION BANK				**45,922.55**
	FICA PR	DFT0001471	7/21/2023	10,666.84
	FEDERAL W/H	DFT0001471	7/21/2023	7,619.84
	MEDICARE W/H	DFT0001471	7/21/2023	2,494.66
	FICA PR	DFT0001481	8/7/2023	10,767.38
	FEDERAL W/H	DFT0001481	8/7/2023	8,509.60
	MEDICARE W/H	DFT0001481	8/7/2023	2,518.20
	FICA PR	DFT0001483	8/7/2023	989.38
	FEDERAL W/H	DFT0001483	8/7/2023	2,125.27
	MEDICARE W/H	DFT0001483	8/7/2023	231.38
UNITED RENTALS INC				**813.14**
	MAINTENANCE OF MAINS	APA000997	8/2/2023	343.35
	FOOTHILL RESERVOIR CLEANING	APA000997	8/2/2023	469.79
VERIZON WIRELESS				**346.36**
	CREW CELL PHONES - AUGUST	40209	8/9/2023	346.36
VULCAN MATERIALS COMPANY				**775.84**
	PAVING	APA000998	8/2/2023	775.84
W L CONSTRUCTION SUPPLY INC				**1,600.43**
	CUTOFF SAW BLADES	APA000964	7/18/2023	1,600.43
W. W. GRAINGER, INC.				**80.53**
	SAFETY SIGNS	APA000999	8/2/2023	80.53
WAGE WORKS DISBURSEMENTS				**628.92**
	WAGEWORKS DISBURSEMENT 081023, 081423, 081523	DFT0001498	8/15/2023	628.92
WAGEWORKS INC				**116.00**
	WAGEWORKS ADMIN FEE	DFT0001489	7/24/2023	116.00
WATER SYSTEMS CONSULTING, INC.				**34,306.25**
	CAPP - FINAL DESIGN - JUNE	40166	7/18/2023	34,306.25
WATERS CARDENAS LAND SURVEYING LLP				**12,940.00**
	EL CARRO WELL MONITORING P-63	APA000965	7/18/2023	1,260.00
	CAPP - SURVEY FOR PLANT SITE	40210	8/9/2023	11,680.00
WEX BANK				**2,751.47**
	FUEL CHARGES - JULY	40188	8/2/2023	2,751.47
			Total:	**$ 996,470.36**

AGENDA

REGULAR MEETING OF
THE BOARD OF DIRECTORS OF
CARPINTERIA GROUNDWATER SUSTAINABILITY AGENCY

CARPINTERIA CITY HALL
5775 CARPINTERIA AVENUE
CARPINTERIA, CA 93013

Wednesday, September 13, 2023 at 5:35 p.m.

1. **CALL TO ORDER**

2. **PUBLIC FORUM (Any person may address the Board of Directors on any matter within its jurisdiction which is not on the agenda).**

3. **APPROVAL ITEMS**

   A. ****Minutes for the Meeting of the Board held on August 23, 2023**
   B. ****Disbursement Report for July 15, 2023 – August 15, 2023**

4. **UNFINISHED BUSINESS – none**

5. **NEW BUSINESS –**

   A.Consider Resolution 029 Establishing an appeal process for FY 24 GSA Fee (for action, Executive Director Bob McDonald).**

6. **EXECUTIVE DIRECTOR REPORTS (for information) –**

   A. **GSPAC Meeting – August 22, 2023 – Director Holcombe & Executive Director McDonald

7. **ADJOURNMENT**

   Robert McDonald, Secretary

The above matters are the only items scheduled to be considered at this meeting.

**Indicates attachment of document to agenda packet.

Note: The above Agenda was posted at Carpinteria Valley Water District Administrative Office in view of the public no later than 5:00 p.m., September 10, 2023. The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied benefits of, the District's programs, services, or activities because of any disability. If you need special assistance to participate in this meeting, please contact the District Office at (805) 684-2816. Notification at least twenty-four (24) hours prior to the meeting will enable the District to make appropriate arrangements. Materials related to an item on this Agenda submitted to the Board of Directors after distribution of the agenda packet are available for public inspection in the Carpinteria Valley Water district offices located at 1301 Santa Ynez Avenue, Carpinteria during normal business hours, from 8 am to 5 pm.

**Indicates attachment of document to agenda packet.

Carpinteria Valley Water District

Memo

To: Board of Directors

From: Norma C. Rosales, Assistant General Manager

cc: Bob McDonald, General Manager

Date: September 13th, 2023

Re: Updated Rules and Regulations

Staff have proposed revisions to the following Rules:

RULE	PAGE	DESCRIPTION
17.d	35-36	Defined requirements for buildings with multiple residential dwelling units to receive a master meter.
29.b	44-46	Defined policy for notifying customers of continuous flow and resolving meter leaks.
Appendix A	51-55	Updated Prop 218 notice.
Appendix C	57-58	Added meter leak violation fees.
Appendix D	68-91	Updated Rates & Charges resolution based on updated Prop 218 notice.

29. WRONGFUL USE OR WASTE OF WATER

No customer shall provide water to any person, company or corporation other than the occupant or occupants of the premises of said customer, nor shall any customer knowingly permit leaks or waste of water. If any customer willfully or negligently wastes water, the water may be shut off and the connection sealed by the District, and the water shall not be turned on again until a reconnection fee is paid by said customer to the District, in addition to accrued monthly service charges and fees for metered water use. The reconnection fee is provided in the District's annual fee table in Appendix C.

a. **Water Waste:** In accordance with District regulations, water waste includes, but is not limited to: irrigation of turf and landscapes within 48 hours of measurable rainfall; run-off onto hard surfaces; washing of driveways, sidewalks or other hard surfaces with a garden hose; the use of a garden hose without an automatic shut-off nozzle and the use of a fountain or decorative water feature without a recirculating water pump. Additionally prohibition against use of single pass cooling towers, non-recirculating vehicle wash and laundry facilities for all development and tenant improvements.

   The District will contact customers if it becomes aware of water waste. Customers must cease water waste activities (e.g., washing of hard surfaces) immediately. If water is running off the property due to a leak, the customer must respond to the District and take steps to address the leak(s) within three days. See the Leak Policy below for additional guidance.

b. **Leak Policy:** Any unresolved leak constitutes a waste of water. However, the District recognizes that identifying and resolving leaks can require significant effort and potentially significant financial investment. Therefore, the District's policy for fixing leaks is designed to reduce water waste without placing an unnecessary financial burden on customers.

   The District's Advanced Metering Infrastructure (AMI) automatically detects continuous flow and reports the flow rate on the Beacon online portal. The District monitors Beacon and may contact customers with continuous flow ~~above 60 gallons per hour (GPH)~~. Customers can detect and monitor their own leaks through

EyeOnWater. The action required by the customer depends on the rate of flow detected.

(1) Flow greater than or equal to ~~100~~ 60 gallons per hour (GPH): The customer must respond to the District within 72 hours to confirm whether the source of flow is process water (i.e., a legitimate source of continuous flow), or leaks. If the customer does not respond, the District will assume the customer has leaks, and proceed as such.

If the source of flow is leaks, not process water, the customer must resolve the leaks and sign up for EyeOnWater within 30 days. If the customer does not resolve the leak(s) within 30 days the District may shut off the customer's water and levy penalties.

~~(1)~~ The District will consider the leak(s) resolved when the leak rate reported on Beacon (i.e., EyeOnWater) is less than or equal to 60 GPH. It the leak rate later increases to > 60 GPH the customer will once again have a large leak and be subject to the requirements in this rule.

(2) Flow less than ~~100~~ 60 gallons per hour: If the rate of continuous flow is less than ~~100~~ 60 ~~gallons per hour (~~GPH~~)~~, the District requires the customer to sign up for EyeOnWater within 30 days and make a good faith effort to resolve the leak. The District's website provides information on tests the customer can perform to identify the leak(s). These tests do not require special equipment or professional services.

Customers who do not resolve their large leak(s) within 30 days will be subject to the following fine structure unless the District decides to waive the fine. Further, if a customer with legitimate continuous flow does not inform the District the source of

continuous flow is legitimate, not a leak, it will be subject to the leak procedures stated above and the fines listed below.

- 1st violation occurs after 30-60 days: $25 fine and violation letter
- 2nd violation occurs after 60-90 days: $100 fine and violation letter
- Subsequent violations occur every 30 days starting at 91 days: $500 fine and violation letter

Appendix C
Miscellaneous Service Fees and Charges

Electronic Payment Fee		T.B.D.	Rule 5
Telephone Payment Fee (IVR)		$1.25 per transaction	Rule 5
Returned Check Fee		$25.00	Rule 5
Meter Downsizing Deposit	Deposit is cost plus 40% basis for materials and outside services; cost plus 55% for equipment and cost plus 85% for labor.		Rule 7(d)
Pumping Surcharge			Rule 8(h)
Pressure Zone I	connections served by Gobernador Reservoir	$0.23 per 100 cubic feet	
Pressure Zone II	connections served by Shepard Mesa Tank	$0.47 per 100 cubic feet	
Meter Installation / Removal Deposits			Rules 7(e)/ 9(a)
	Meter Size	Deposit	
	3/4" & 1"	$20,000.00	
	1 1/2" & 2"	$27,000.00	
	greater than 2"	As determined by Manager	
Fire Sprinkler Outlet Deposits			Rule 9(a)
	Outlet Size	Deposit	
	4"	$25,000.00	
	6"	$35,000.00	
	8"	$40,000.00	
	greater than 8"	As determined by Manager	
	fire hydrant	$35,000.00	
Residential Equivalency Fee (REQ)		$26.08 per month	Rule 11(a)
Late Fee		$27.00	Rule 13(d)/ 13(i)
Reconnection Administration Fee		$37.00	Rules 14/ 22/ 29
Records Reproduction Fee		$0.50 per page $5.00 per map page $5.00 per video / dvd	Rule 16
Meter Tests Deposit			Rule 18
	Meter Size	Deposit	
	1" or less	$295.00	
	Over 1"	$425.00	
Temporary Service Connection Fee		$75.00	Rule 21(e)
Temporary Service Relocation Fee		$35.00 per move	Rule 21(g)
Temporary Service Deposit		As determined by Manager	Rule 21(b)
Non-emergency after hours response		$268	Rule 34
Tampering Fee		$500.00	Rules 17(c) / 22
Lien Recording Fee		$4.00	Rule 36(a)
Lien Release Fee		$31.00	

AMI Transmitter Opt-out Fee	$36.35		Rule 17(a)	
Monthly meter reading charge	$10.05			
1st leak violation	$25.00		Rule 29	
2nd leak violation	$100.00			
Subsequent leak violations	$500.00 per violation			
Equipment & Fuel Charges			Rules 7/ 8 / 9	
	Equipment charges		Fuel charges	
Back-hoe	$ 48.00	per hour	$6.00	per day
Compressor & tools	$ 250.00	per day	$6.00	per day
Crew truck	$ 64.00	per hour	$6.00	per day
Concrete saw	$ 225.00	per day	$6.00	per day
Dump truck	$ 50.00	per hour	$6.00	per day
Generator	$ 69.50	per day	$6.00	per day
Pick-up truck	$ 25.00	per hour	$6.00	per day
Skid-steer	$ 32.00	per hour	$6.00	per day
Tapping tool	$200.00	First tap + tool		
	$100.00	each additional tap		
Traffic control devices	$150.00	per day		
Trash pump	$ 160.50	per day	$6.00	per day
Whacker / compactor	$ 130.00	per day	$6.00	per day
Vacuum truck / trailer	$ 64.00	per hour	$6.00	per day
Boring tools	$ 300.00	per day		
Light tower	$ 200.00	per day	$6.00	per day

Equipment charges based on Cal Trans / contractor rates.

STAFF REPORT Item VII. B.

From: Robert McDonald, General Manager

Prepared by: Maso Motlow, Management Analyst

For Consideration: Item VII. B. Review allocation results based on proposed methods

Background

Over the past year the District has developed methods to calculate water use allocations for each account within its service area. To develop these allocation methods, the District reviewed proposed data sources, equations, and assumptions with the Board, Committee, and the Public. Defining a consistent methodology based on industry standards, with input from these parties, ensures the allocations are appropriate and equitable.

This District now has water use allocations for each account within its service area. At this point, the District is not proposing any policy applications of these allocations. Instead, these allocations can serve as a tool for District staff to manage water supplies and anticipate demand.

District staff are bringing this item to the Board to review the allocation results. Before adopting the methods for calculating allocations, it is important to confirm the model is functioning as expected. Additionally, it is important to confirm the allocations make sense when compared to historical water use.

Methods

The District's allocation methods align with the State's methods for estimating efficient urban water use. The specific equations are defined in the Allocation calculation methods summary document. The steps for applying these equations to the underlying datasets are defined in the Model documentation document.

Deliverable

The District has a dataset with monthly and annual allocations, historical water use, and irrigated area for each account (excluding Temporary, Fire, and Water District accounts).

Recommendation

N/A – This is an informational item that does not require a recommendation.

Allocation calculation methods by type of water user

Single-family residential, Multi-family residential, Master meter residential

$$Indoor\ allocation\ (HCF\ per\ month) = Dwelling\ Units\ x\ 2.65\ people\ x\ 55\ Gallons\ Per\ Capita\ Day\ x\ number\ of\ days\ in\ month\ \div 748$$

Indoor Allocation Notes

- *One hundred cubic feet (HCF) is equal to 748 gallons.*
- *The District uses the 2020 Census estimate of 2.65 people per dwelling unit.*
- *The District uses the State's expectation of efficient indoor water use per person.*

$$Outdoor\ allocation\ (HCF\ per\ month) = Evapotranspiration\ (ET)\ x\ Irrigated\ Area\ x\ Plant\ Factor\ x\ 0.62 \div 748$$

Outdoor Allocation Notes

- *The District uses monthly ET values from the California Irrigation Management Information System (CIMIS) Santa Barbara Station.*
- *Irrigated areas are based on aerial imagery analysis using aerial imagery from 2020.*
- *The District uses Plant Factors (also called ET factors) to represent efficient water demand of the landscape. Residential landscapes receive a plant factor of 0.55 (new construction) 0.65 (old construction) according to the State's water use efficiency guidance.*
- *The conversion factor from inches to gallons is 0.62.*
- *One hundred cubic feet (HCF) is equal to 748 gallons.*

Landscape irrigation

$$Outdoor\ allocation\ (HCF\ per\ month) = Evapotranspiration\ (ET)\ x\ Irrigated\ Area\ x\ Plant\ Factor\ x\ 0.62 \div 748$$

Outdoor Allocation Notes

- *The District uses monthly ET values from the California Irrigation Management Information System (CIMIS) Santa Barbara Station.*
- *Irrigated areas are based on aerial imagery analysis using aerial imagery from 2020.*

- *The District uses Plant Factors (also called ET factors) to represent efficient water demand of the landscape. Residential landscapes receive a plant factor of 0.8 according to the State's water use efficiency guidance.*
- *The conversion factor from inches to gallons is 0.62.*
- *One hundred cubic feet (HCF) is equal to 748 gallons.*

Commercial, Industrial, Public Authority*

$$Monthly\ allocation\ (HCF\ per\ month) = \ average\ historical\ water\ consumption$$

Allocation Notes

- **School fields and city parks classified as public authority accounts are treated as landscape irrigation accounts for the purpose of calculating an allocation.*
- *Historical water consumption is based on water use from 2017-2022.*

Parks and school fields

$$Outdoor\ allocation(HCF\ per\ month) = Evapotranspiration\ (ET)\ \ x\ Irrigated\ Area\ \ x\ \ Plant\ Factor\ \ x\ \ Conversion\ Factor$$

Outdoor Allocation Notes

- *The District uses monthly ET values from the California Irrigation Management Information System (CIMIS) Santa Barbara Station.*
- *Irrigated areas are based on aerial imagery analysis using aerial imagery from 2020.*
- *The District uses Plant Factors (also called ET factors) to represent efficient water demand of the landscape. Residential landscapes receive a plant factor of 0.8 according to the State's water use efficiency guidance.*
- *The conversion factor from inches to gallons is 0.62.*
- *One hundred cubic feet (HCF) is equal to 748 gallons.*

Agriculture

$$Monthly\ allocation\ (HCF\ per\ month) = \ average\ historical\ water\ consumption$$

- *Historical water consumption is based on water use from 2017-2022.*

Allocation Program

Technical Documentation on Allocation Methods

This document describes how the model produces the Allocation Program results. This is a technical document intended for District staff who need to answer questions about how the model works, need to keep the model updated, and need to troubleshoot any issues in the model.

Although this document describes detailed technical processes it does not describe every step of the model. Instead, this document focuses on explaining the general steps of the model with a focus on ***why*** the model takes specific steps. Understanding why the model operates in a specific way is important for avoiding unintended consequences when updating model methods.

When describing the general model methods, this documentation will focus on the following:

- when and why the model produces errors;
- specific manipulations to the data like changing data types that are critical to correct processing;
- when and why the model may produce duplicate rows and how to handle these results; and
- expectations for the relationship between different values and data sets.

Last updated August 23, 2023

Underlying data **3**

APN-account relationships **3**
List each APN – account relationship in a separate row of the APN_Acct_reference table 4
Identify parcels with Landscape accounts 5

Account Information **6**
Format the current CVWD account data in the Acct_list_current table 7
Format the current CVWD account data in the Monthly_Acct_list_current table 7

Historical Consumption **9**
Format the consumption data in the All_cons_hist table 9
Calculate the average annual consumption of each account in the Average_annual_cons table 10
Calculate the average monthly consumption of each account in the Average_monthly_cons table 10

Irrigated Area – Land Cover **11**
Calculate the total irrigated area (SQFT) by account 11

Allocations **13**
Calculate monthly allocations 13
Calculate total annual allocations by account 15
Compare allocations and historical consumption 15

Underlying data

The data the model uses to calculate allocations. These data include the following:

- **APN-account** relationships
- **Account** information (e.g., account class, dwelling units, meter size)
- **Historical consumption**
- **Landcover** information (e.g., irrigated area, irrigable not irrigated area).

APN-account relationships

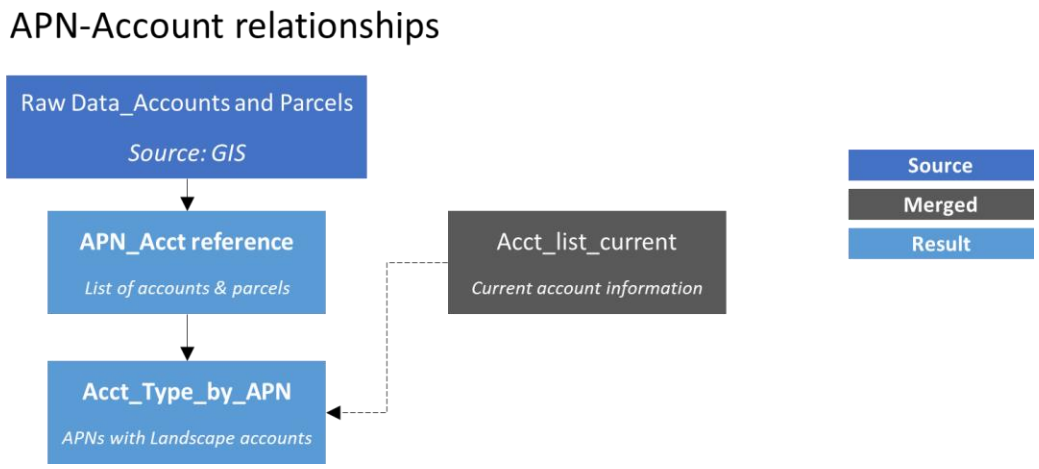
Allocations are based on characteristics of the customer's account, and characteristics of their parcel. Both account data and parcel data are necessary to calculate the customer's allocation. Therefore, the District must identify which accounts are associated with each parcel. The account to parcel relationship is not 1:1. Some accounts span multiple parcels. Some parcels have multiple accounts.

Results

This portion of the model will produce the following results.

- List of each APN-Account relationship in a separate row.
- The number of accounts associated with each unique APN.
- Identification of parcels with Landscape accounts.

Data Map



Raw data

Source: Excel download from internal ArcGIS database; layer is Accounts and Parcels

Raw data are saved as Accounts and parcels.xlsx

Rows are unique APNs. Relevant columns are APN, account roots, and document date. APNs associated with multiple account numbers have each relevant account number in separate columns of the same row.

List each APN – account relationship in a separate row of the APN_Acct_reference table

1. In the Raw Data_Accounts and parcels data table, change the account root columns to the whole number data type instead of text.

   This will drop any leading zeros. It is necessary for subsequent calculation steps.

2. Reference the Raw Data_Accounts and parcels data table to create the APN_Acct_reference data table.

   This preserves the raw data as a separate data table in the model. This is important for checking the results are accurate.

3. Unpivot columns so there is one APN column and one account root column.

   APNs associated with multiple account roots will appear in multiple rows (duplicate APN values). Account roots associated with multiple APNs will appear in multiple rows (duplicate account root values).

   Accounts listed as "needs info" or "none" will show up as errors (because they are text values, and the column data type is numeric). The District has imperfect information about account-APN relationships. When the District does not know whether there is an account associated with an APN it records the account as "need info". Additionally, some APNs do not have an account with the District (i.e., the parcel is undeveloped). The District records these accounts as "none".

   a. Replace errors in the account root column with "null".

   b. Filter to remove null values from the account root column.

   It is necessary to remove the errors to complete subsequent calculation steps.

4. Categorize each APN as "Old" or "New" construction.

   Use the RecMapDate column from the County data. Dates on or after January 1st 2019 are considered New construction. The State sets different water use expectations for old vs new construction. To keep the District's water use in line with the State's expectations, it is necessary for the District's allocations to differentiate between old and new construction.

   a. Convert the Construction Type values to text.

      Some APN rows do not have a DocDate. These rows will return null values. Null values cannot be converted to text and will result in an Error.

   b. Replace all errors in the Construction Type column with "unknown".

Identify parcels with Landscape accounts

1. Reference the APN-Acct_reference data table to create the Acct_Type_by_APN data table.

   The APN-Acct_reference table is referenced by other data tables. Therefore, it is important that manipulation of the data to identify parcels with landscape accounts occurs in a separate data table.

   a. Remove other columns except the APN and Account Root.

2. Merge the Account_list_current based on the account root.

   Because the APN_Acct_reference table does not include customer class information, it is necessary to bring in customer class information from the Account_list_current table.

   a. Retain only the APN, Account_root, and Account Class Description columns.

3. Pivot the Account Class Description column.

   a. Remove the Fire Protection and CVWD columns.

4. Identify parcels that have a Landscape account.

   Parcels with a count of 1 or more in the Landscape column have one or more landscape accounts. This is important to know because in the calculation of outdoor allocations, if a landscape account is present on the parcel, then all irrigable area is attributed to landscape account.

To assign each account within the District an allocation, it is necessary to identify all accounts by their account root, and to identify the account class of each account because the allocation methods vary by account class.

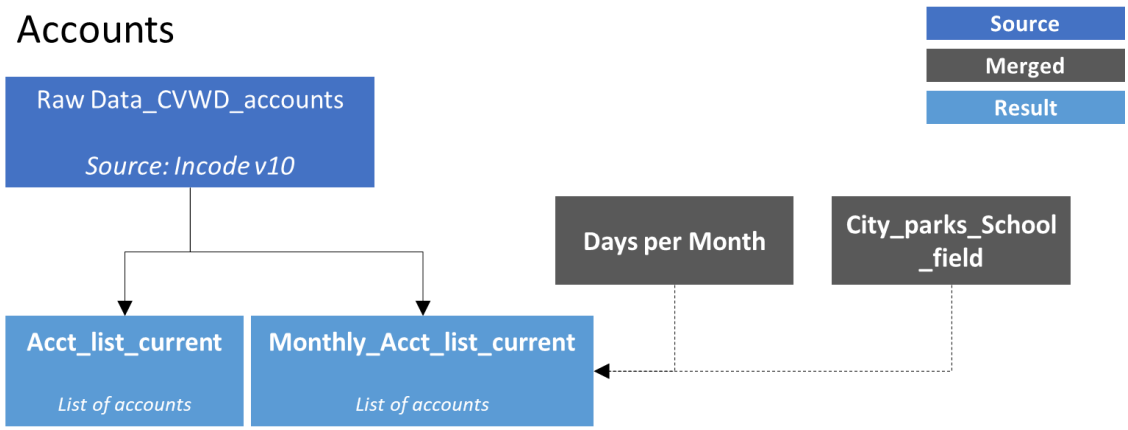
This process results in two accounts lists. One list has one row for each account. The other list has monthly data so there are 12 rows for each account.

Results

This portion of the model will produce the following results.

- List of each account root with important account data like account class and # of dwelling units.
- List of each account class with one row for each month.
- Number of days per month
- Identification of accounts for irrigation of City parks and school fields.

Data Map



Raw data

Source: Incode QBE download "Allocation_All"

Raw data are saved as Account Service_NEW.csv

Relevant columns are account class, account status, dwelling units, account number, meter number. Rows are each unique account number for each month and year from January 2017 – December 2022.

This data set should have all account classes and account roots.

Format the current CVWD account data in the Acct_list_current table

1. Reference the Raw Data_CVWD_accounts data table to create the Acct_list_current table.

   It is important to save a copy of the raw data to reference when troubleshooting issues.

2. In the Acct_list_current table filter out the rows with no meter data. Filter for the most recent month and year.

   When downloaded from Incode, the dataset has duplicate account rows with no meter information due to the way data are joined in Incode.

   The account class of an account may change over time. To ensure the model is using the current account class, filter for the most recent data. Use the date (month and year) instead of the account status to identify the most recent data because it is possible that an account root was temporarily inactive when the data were downloaded.

3. Extract the account root from the account number.

   a. Change the data type from number to text to drop the leading zero.

4. Group rows to keep only a list of account roots with necessary identifying information.

   a. Group by account root. Include columns account class, meter size, and dwelling units.

   This grouping ensures there is one instance of each account root in the data set. It is necessary that each account root is represented to each account receives an allocation. However, it is also important there are not duplicate account roots because this would double an account's allocation.

Format the current CVWD account data in the Monthly_Acct_list_current table

1. Reference the Raw Data_CVWD_accounts data table to create the Current_Acct_data table.

2. In the Current_Acct_data table filter out the rows with no meter data. Filter for the most recent month and year.

   When downloaded from Incode, the dataset has duplicate account rows with no meter information due to the way data are joined in Incode.

   The account class of an account may change over time. To ensure the model is using the current account class, filter for the most recent data. Use the date (month and year) instead of the account status to identify the most recent data because it is possible that an account root was temporarily inactive when the data were downloaded.

3. Extract the account root from the account number.

   a. Change the data type from number to text to drop the leading zero.

4. Group rows to keep only a list of account roots with necessary identifying information.

   b. Group by account root. Include columns account class, meter size, and dwelling units.

This grouping ensures there is one instance of each account root in the data set. It is necessary that each account root is represented to each account receives an allocation. However, it is also important there are not duplicate account roots because this would double an account's allocation.

5. Add individual columns with each month name. The value in each row is the month number.

The resulting column of month names becomes the reference point for joining the days per month data table.

6. Merge the Days_per_month data table based on the month name.
7. Insert identifier columns.
8. Merge the City_parks_School_fields table based on the account root.

This data identifies which rows contain accounts for a city park or school field. This is important because these accounts are treated as landscaping accounts.

The District compares historical consumption data to calculated allocations to determine which customers are likely to exceed their allocation. This information helps the District refine the allocation methodology, identify potential problems with the methodology, identify customers who are likely to protest their allocation, and develop policy decisions about how much water is available and to what degree customers can exceed their budget, if any, without being considered inefficient.

Results

This portion of the model will produce the following results.

- Average annual consumption (HCF) by account
- Average consumption by month (HCF) and account

Data Map

Raw Data

Source: Incode download of the QBE "Allocation_All"

Raw data are saved as Account Service_NEW.csv

Columns are account class, account status, dwelling units, account number, meter number, meter size, consumption (HCF). Rows are each unique account number for each month and year from January 2017 – December 2022.

Format the consumption data in the All_cons_hist table

1. Reference the Raw Data_CVWD_accounts data table to create the Current_Acct_data table.
2. Extract the account root from the account number.
    c. Change the data type from text to number to drop the leading zero.

Calculate the average monthly consumption of each account in the Average_monthly_cons table

1. Reference the All_cons_hist table.

   This preserves the data in the All_cons_hist table. This is necessary because the average annual data analysis will also need to reference the All_cons_hist data.

2. Group the rows by account root and consumption month. Average the consumption. Include other important account data like the meter size, dwelling units, and account class.

   This will average the consumption in each month across all years by account. The result will be twelve rows of data for each account root (one row for each month) with the average consumption in each row.

3. Round the consumption to whole numbers.

   Consumption data are reported in whole numbers on the customer's bill.

4. Insert a unique identifier column.

   This will enable merging of these data while preserving the monthly consumption.

Calculate the average annual consumption of each account in the Average_annual_cons table

1. Reference the Average_monthly_cons table.

   This preserves the data in the Average_monthly_cons *table.*

2. Group the rows by account root. Sum the consumption. Include other important account data like the meter size, dwelling units, and account class.

   This will sum all months of data for each each account root. The result will be total annual consumption by account. Instead of rows for each month, there will be one row with the annual allocation for each account.

The District needs to know the irrigated area associated with each account so it can determine that account's allocation (for outdoor water use). The result is irrigated area (SQFT) by account root.

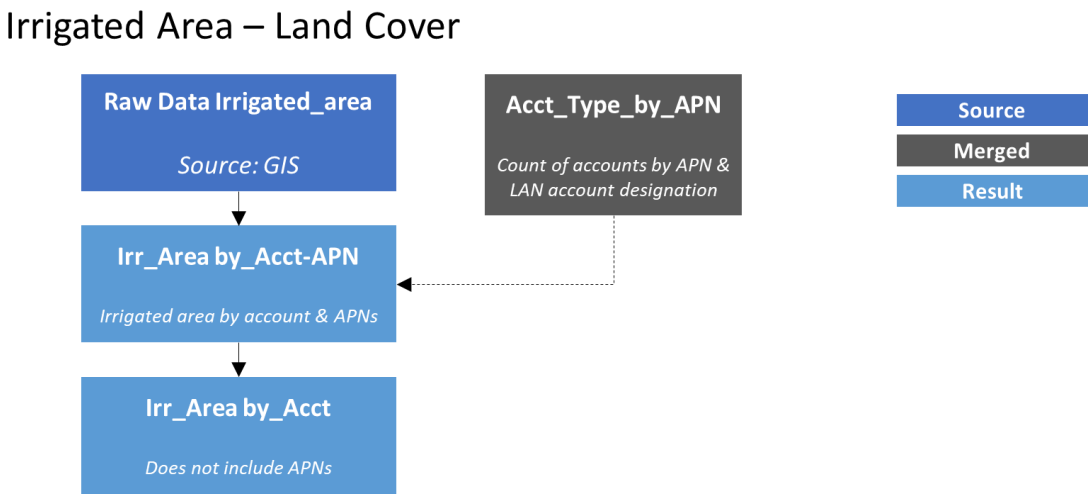
Land cover information is available for each parcel. The District must determine how to distribute parcel land cover information to each account. This determination is based on irrigated area data, APN to account relationships, and account classifications.

Results

This portion of the model will produce the following results.

- Irrigated area by APN
- Irrigated area by account

Data Map



Raw Data

Source: GIS download

Irr_Areas_with_pseudo_parcels.xlsx

Columns APN, irrigable-irrigated, irrigable-not irrigation, and not irrigable. Rows are unique APNs and landcover areas in square feet.

Calculate the total irrigated area (SQFT) by account

1. Reference the Raw Data_Irr_area_with_Pseudo_Parcels table.

   It is important to save a copy of the raw data to reference when troubleshooting issues.

2. Keep only the APN and II, INI, and total area columns.

3. Merge the Account_type_by_APN table based on APN.

   It is important to know how many accounts are associated with each parcel. It is also important to know whether there is a landscape account associated with the parcel.

4. Divide the areas by the account count.

   If there are multiple accounts associated with one APN, the irrigated area, for example, will be divided by the number of accounts. This is necessary for the allocation calculation.

5. Merge parcel characteristics from the APN__Acct_reference table.

   The designation of "old" versus "new" construction is used in the allocation calculation.

6. Group data by account root.

   Some accounts span multiple parcels. Therefore, it is necessary to sum up the parcel data (i.e., sum up the irrigated area for each parcel) by each account. This step needs to be done before bringing in the historical consumption (which occurs in the monthly allocation step).

Allocations

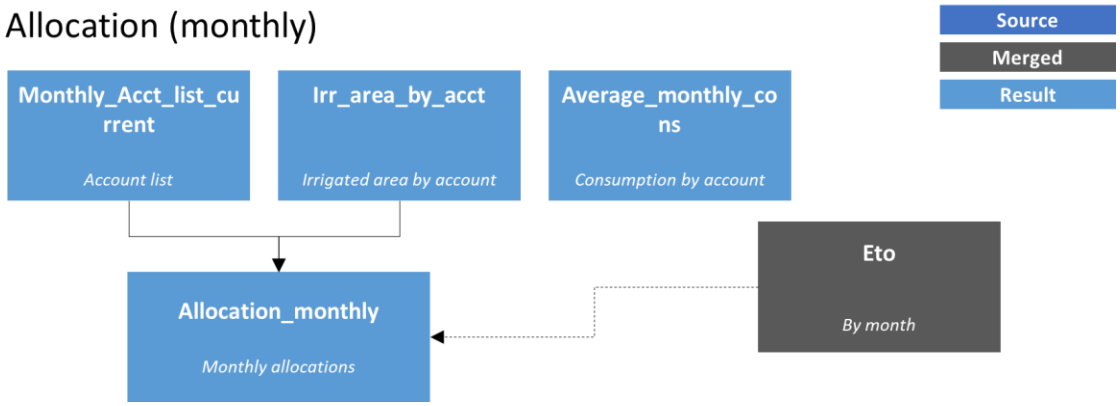
To determine allocations, the District needs to identify each account that should receive an allocation, and the irrigated area associated with that account. To understand whether the allocations are reasonable, the District compares the allocations against historical consumption.

Results

This portion of the model will produce the following results.

- **Outdoor** allocations (monthly) for all residential accounts, landscape accounts, City Parks and School Fields.
- **Indoor** allocations (monthly) for all **residential** accounts.
- **Monthly** allocations (indoor + outdoor) for all account types except fire, temporary, and CVWD accounts.
- **Comparison** of allocation and actual consumption for each account.

Calculate monthly allocations



Data Wrangling Process

1. Reference the Monthly_Acct_list_current table.
2. Filter out the fire, CVWD and temporary account classes.

   There is no allocation for CVWD, fire, or temporary accounts. Therefore, they should not be included in the allocation calculation.

3. Merge the monthly ETo data based on month name.

   Evapotranspiration data is from a specific reference year (2009) from the CIMIS database.

4. Merge the irrigated area by account data based on account root.
5. Replace null values in the irrigated area data with zero.

The null values will prevent subsequent calculation steps. A common reason for null values is that the parcel is entirely covered by native vegetation, the beach, or the salt marsh. These native habitats do not receive allocations because they do not require irrigation. Alternatively, some accounts may not have any irrigated area because they are completely hardscape, or the District doesn't know what parcel the account is on, or parcel lines changed so the parcel reference for that account is out of date. It is not uncommon for small, multi-family dwelling units to have negligible irrigated area on a small patio.

6. Merge the Average_monthly_cons data.

   The allocation for the CII and agricultural account classes is based on historical use.

7. Calculate the indoor allocation for residential accounts.

   The District uses the State's indoor residential allocation formula. This ensures the District is not over allocating compared to the State's expectations of the District's water use.

8. Calculate the outdoor allocation for each residential, landscape, city park, and school field account.

   The District uses the State's outdoor residential allocation formula. This ensures the District is not over allocating compared to the State's expectations of the District's water use. The State's formula assumes that new construction has lower outdoor water use than old construction.

   If there is a landscape account on a residential parcel, the District assumes that landscape account is responsible for all outdoor irrigation. Therefore, in the outdoor allocation calculation, the formula looks for accounts where there is a landscape account on the residential parcel and assigns those residential accounts an outdoor allocation of zero.

9. Calculate the allocation for CII accounts.

   The allocation for the CII account classes is based on average monthly historical use.

10. Calculate the allocation for Agricultural accounts.

    The allocation for the agricultural account classes is based on average monthly historical use.

11. Group rows by account and month.

    If an account spans multiple parcels, it will show up in the dataset in multiple rows. For example, a master meter account may include many parcels. The information the District needs is the total allocation by account. Therefore, it is necessary to sum up the allocations for accounts that span multiple parcels. This will return the total allocation, across all parcels, for that account.

12. Calculate total allocations.

    Sum the indoor allocation, outdoor allocation, and CII allocation.

Calculate total annual allocations by account

Data Wrangling Process

1. Reference the Allocation_monthly table.

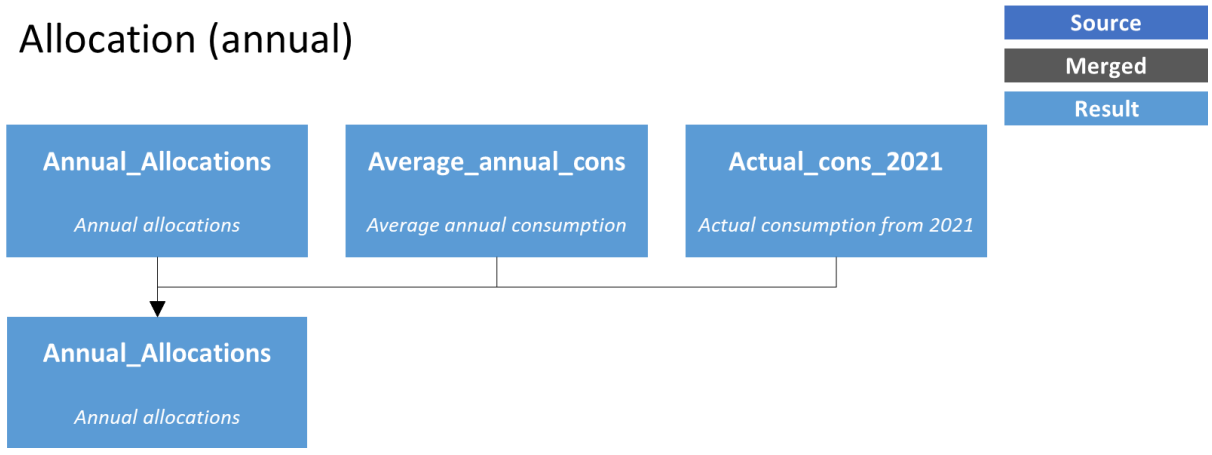
   Reference the monthly allocation table so the model has both monthly and annual results.

2. Group rows by account root. Sum the allocation columns. Include other columns with account and parcel details.

   Sum each of the allocation columns to determine the total annual allocation for each account.

   Do not sum the area columns. Return the max value. In the monthly data, the irrigated area, irrigable not irrigated, and total area are repeated in each row. When converting the monthly data to annual data, it would be inappropriate to sum these area values. The area values are representative of the landcover for the account's parcel area. Because the area values will be the same in each month-row (for one account), it is appropriate to return the max value.

Compare allocations and historical consumption



Data Wrangling Process

1. Reference the Annual_Allocations table.

2. Merge the Average_annual_cons table.
3. Merge the Actual_cons_2021 table.

   Consumption from 2021 provides a point of reference for recent consumption. This is important because recent consumption may differ from the historical average consumption.

4. Compare allocations and historical consumption.

   CII allocations and agricultural allocations will match average historical consumption. For the other account classes, comparison of the average annual use and allocations indicates whether the customer is likely to exceed their allocation, or use substantially less water than their allocation.

Carpinteria Valley Water District

3 YEAR BUDGET - PROPOSED AMENDED

FISCAL YEARS 2023-24, 2024-25 AND 2025-26

Adopted by the Board of Directors of the
Carpinteria Valley Water District
at a Regular Board Meeting held on
September 13, 2023, by Resolution No.
1149.

_____

Robert Mc Donald, General Manager
and Board Secretary

CARPINTERIA VALLEY WATER DISTRICT
FY 2023-2024 · FY 2024-2025 · FY 2025-2026
OPERATING BUDGET SUMMARY - PROPOSED AMENDED, FY24 STAGE 1 DROUGHT ASSUMED

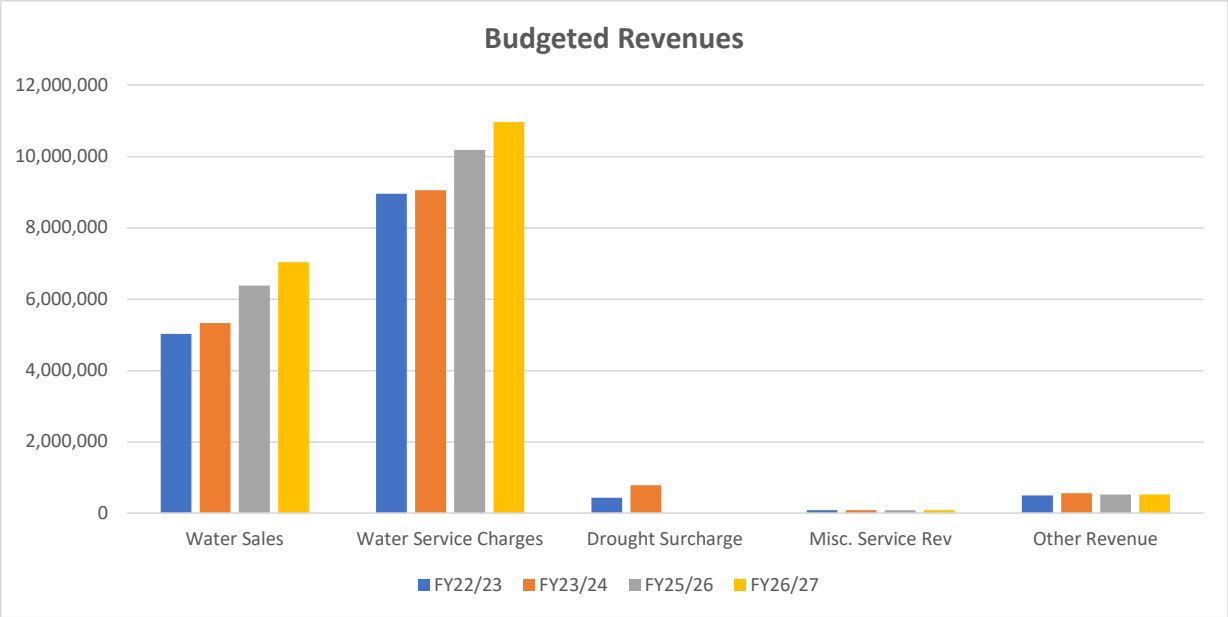
	2021/22 Actual 4,315 AF	2022/23 Budget 3,665 AF	2023/24 Budget 3,635 AF	2024/25 Budget 3,940 AF	2025/26 Budget 4,000 AF
REVENUE					
Municipal and Industrial Water Sales	3,548,451	2,987,877	3,284,967	4,087,280	4,574,246
Agricultural Water Sales	2,025,570	1,769,946	1,850,997	2,103,873	2,258,254
Water Service Charges	8,706,300	8,951,024	9,053,838	10,187,734	10,967,906
Fire Protection and Service Revenue	502,614	271,382	197,770	189,820	204,061
Drought Surcharge	-	432,099	780,292	-	-
Interest Revenue	77,916	100,000	120,000	120,000	120,000
Other Income	363,248	284,389	324,415	288,434	290,203
Overhead Charges	57,981	51,000	50,000	50,000	50,000
TOTAL REVENUES	**15,282,080**	**14,847,717**	**15,662,278**	**17,027,141**	**18,464,669**
			-	-	-
EXPENSES					
Personnel	2,951,953	3,235,157	3,658,463	3,925,802	4,129,530
General & Administrative	398,209	426,512	482,250	504,558	529,362
Utilities	399,682	453,960	382,686	400,742	423,310
Professional Services	525,117	331,698	304,397	371,165	361,700
Operations Expense	1,979,860	1,102,319	964,371	1,043,992	1,094,255
State Water Power & Chem	439,350	553,122	94,586	184,995	237,901
Water Treatment & Testing	1,097,131	1,176,835	2,050,174	1,965,500	1,886,645
Joint Powers Authority Expense	636,844	754,616	637,250	782,330	835,413
Water Conservation	19,287	46,466	51,103	52,171	61,771
Other Expense	661,249	742,996	863,484	899,842	934,088
TOTAL EXPENSES	**9,108,682**	**8,823,681**	**9,488,764**	**10,131,097**	**10,493,976**
Drought Expenses (Savings)	**-**	**-**	**(98,213)**	**-**	**-**
NET REVENUE	**6,173,398**	**6,024,036**	**6,271,727**	**6,896,044**	**7,970,693**
DEBT SERVICE	**5,985,548**	**4,928,505**	**4,980,676**	**5,185,735**	**5,280,742**
BALANCE OF REVENUE	**187,850**	**1,095,531**	**1,291,051**	**1,710,309**	**2,689,951**
LESS CAPITAL EXPENDITURES	**939,000**	**905,350**	**920,400**	**1,040,000**	**1,526,111**
CAPITAL COST RECOVERY REVENUE	**245,563**	**150,000**	**150,000**	**150,000**	**150,000**
Increase (Decrease) in Operating Funds	**(505,587)**	**340,181**	**520,651**	**820,309**	**1,313,840**
DROUGHT CONTINGENCY SET ASIDE	**-**	**632,893**	**-**	**-**	**-**
Increase (Decrease) in Cash	**(505,587)**	**973,074**	**520,651**	**820,309**	**1,313,840**

CARPINTERIA VALLEY WATER DISTRICT

FY 2023-2024 · FY 2024-2025 · FY 2025-2026 **3-YEAR OPERATING BUDGET - PROPOSED AMENDED** *****CAPP COSTS IN CIP RATE*****		**2021/22** **Actual** **4,315 AF**	**2022/23** **Budget** **3,665 AF**	**2023/24** **Budget** **3,635 AF**	**2024/25** **Budget** **3,940 AF**	**2025/26** **Budget** **4,000 AF**
REVENUE						
Water Sales Revenue						
01-4000	Residential	2,610,295	2,252,917	2,516,493	3,200,864	3,622,162
01-4001	Commercial	567,859	434,515	478,138	578,818	619,782
01-4002	Industrial	149,542	88,059	107,496	125,435	134,311
01-4003	Public Authority	259,142	251,386	221,839	221,163	236,992
01-4004	Agricultural	2,025,570	1,769,946	1,850,997	2,103,873	2,258,254
01-4010	Ag Residential Equivalency Charge (REQ)	85,468	102,406	101,516	116,112	124,848
01-4005	Monthly Service Charge-Basic	773,341	727,012	710,004	771,736	844,610
01-4006	Monthly Service Charge-SWP	4,149,777	3,185,524	3,091,715	3,434,522	3,719,303
01-4007	Monthly Service Charge-CIP	3,070,455	4,035,587	4,229,128	4,864,418	5,203,104
01-4011	Drought Surcharge - Meter	-	-	497,171	-	-
01-4012	Drought Surcharge - Volume	-	432,099	283,121	-	-
01-4013	AG Fixed O&M	627,259	900,495	921,474	1,000,945	1,076,040
01-4200	Fire Protection	502,614	271,382	197,770	189,820	204,061
01-4009	Lifeline Program Credits	(38,387)	(39,000)	(39,000)	(39,000)	(39,000)
01-4300	Misc Service Revenue	102,730	85,000	85,000	85,000	85,000
Total Water Sales Revenue		**14,885,665**	**14,497,328**	**15,252,863**	**16,653,707**	**18,089,466**
$ Change			(388,337)	755,535	1,400,844	1,435,759
% Change			*-3%*	*5%*	*9%*	*9%*
Other Revenue						
4100	Capital Cost Recovery	245,563	150,000	150,000	150,000	150,000
4310	Other Revenue	221,410	100,000	139,415	103,434	105,203
4312	GSA Personnel Costs Reimbursement	39,108	99,389	100,000	100,000	100,000
4450	Overhead Control **	57,981	51,000	50,000	50,000	50,000
4500	Interest	77,916	100,000	120,000	120,000	120,000
Total Other Revenue		**641,978**	**500,389**	**559,415**	**523,434**	**525,203**
Total Rate-Based Revenue		**15,527,643**	**14,997,717**	**15,812,278**	**17,177,141**	**18,614,669**
$ Change			**(529,926)**	**814,561**	**1,364,863**	**1,437,528**
% Change			*-3%*	*5%*	*9%*	*8%*
Non-Operating Revenue***						
4340	Asset Disposal	39,808	-	-	-	-
4312	Grant Revenue	149,987	-	-	-	-
4313q	Other Income	49,760	-	-	-	-
4501	Interest-COP Funds Restricted	-	5,100	5,100	5,100	5,100
4610-12	Contributed Capital	129,706	-	-	-	-
Total Non-Operating Revenue		**369,261**	**5,100**	**5,100**	**5,100**	**5,100**

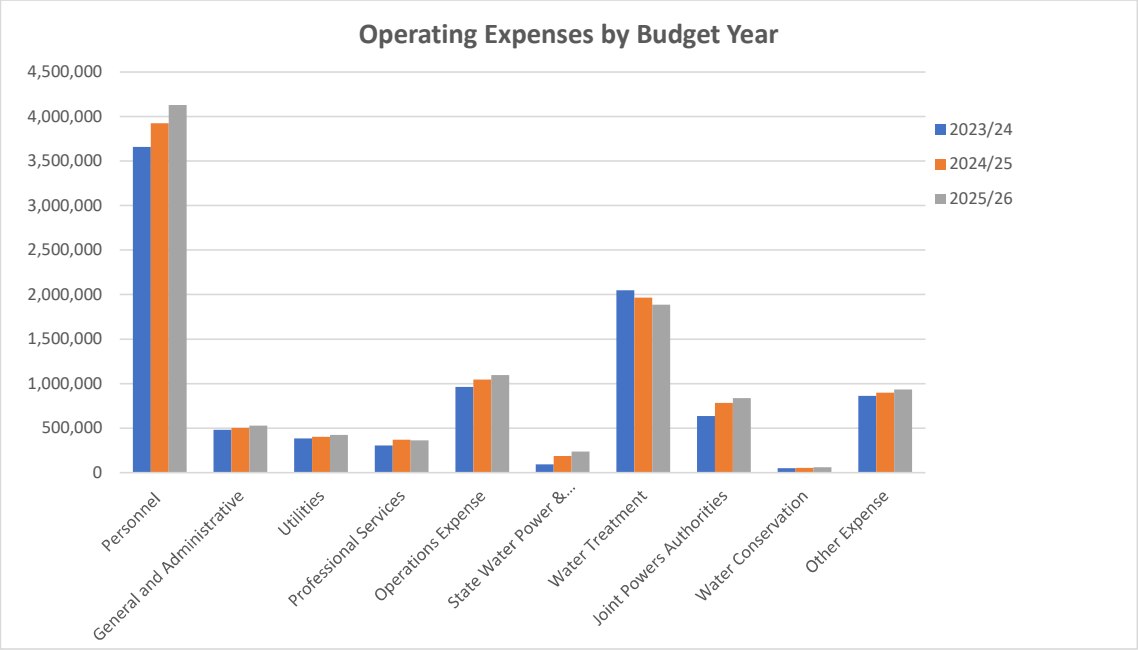
**Related to customer work orders

***Revenue not included in considering rate increases


Budgeted Revenues
12,000,000
10,000,000
8,000,000
6,000,000
4,000,000
2,000,000
0
Water Sales
Water Service Charges
Drought Surcharge
Misc. Service Rev
Other Revenue
FY22/23
FY23/24
FY25/26
FY26/27

CARPINTERIA VALLEY WATER DISTRICT
FY 2023-24 · FY 2024-25 · FY 2025-26
3-YEAR OPERATING BUDGET - PROPOSED AMENDED

	2021/22 Actual	% of Total	2022/23 Budget	% of Total	2023/24 Budget	% of Total	2024/25 Budget	% of Total	2025/26 Budget	% of Total
OPERATING EXPENSES										
Personnel	2,951,953	32.4%	3,235,157	36.7%	3,658,463	38.6%	3,925,802	38.8%	4,129,530	39.4%
$ Change			*283,204*		*423,306*		*267,339*		*203,728*	
% Change			*9.6%*		*13.1%*		*7.3%*		*5.2%*	
General and Administrative	398,209	4.4%	426,512	4.8%	482,250	5.1%	504,558	5.0%	529,362	5.0%
$ Change			*28,303*		*55,738*		*22,307*		*24,805*	
% Change			*7.1%*		*13.1%*		*4.6%*		*4.9%*	
Utilities	399,682	4.4%	453,960	5.1%	382,686	4.0%	400,742	4.0%	423,310	4.0%
$ Change			*54,278*		*-71,274*		*18,057*		*22,568*	
% Change			*13.6%*		*-15.7%*		*4.7%*		*5.6%*	
Professional Services	525,117	5.8%	331,698	3.8%	304,397	3.2%	371,165	3.7%	361,700	3.4%
$ Change			*-193,419*		*-27,301*		*66,768*		*-9,466*	
% Change			*-36.8%*		*-8.2%*		*21.9%*		*-2.6%*	
Operations Expense	1,979,860	21.7%	1,102,319	12.5%	964,371	10.2%	1,043,992	10.3%	1,094,255	10.4%
$ Change			*-877,541*		*-137,948*		*79,621*		*50,263*	
% Change			*-44.3%*		*-12.5%*		*8.3%*		*4.8%*	
State Water Power & Chem	439,350	4.8%	553,122	6.3%	94,586	1.0%	184,995	1.8%	237,901	2.3%
$ Change			*113,772*		*-458,536*		*90,409*		*52,906*	
% Change			*25.9%*		*-82.9%*		*95.6%*		*28.6%*	
Water Treatment	1,097,131	12.0%	1,176,835	13.3%	2,050,174	21.6%	1,965,500	19.4%	1,886,645	18.0%
$ Change			*79,704*		*873,339*		*-84,674*		*-78,855*	
% Change			*7.3%*		*74.2%*		*-4.1%*		*-4.0%*	
Joint Powers Authorities	636,844	7.0%	754,616	8.6%	637,250	6.7%	782,330	7.7%	835,413	8.0%
$ Change			*117,772*		*-117,366*		*145,080*		*53,082*	
% Change			*18.5%*		*-15.6%*		*22.8%*		*6.8%*	
Water Conservation	19,287	0.2%	46,466	0.5%	51,103	0.5%	52,171	0.5%	61,771	0.6%
$ Change			*27,179*		*4,637*		*1,068*		*9,600*	
% Change			*140.9%*		*10.0%*		*2.1%*		*18.4%*	
Other Expense	661,249	7.3%	742,996	8.4%	863,484	9.1%	899,842	8.9%	934,088	8.9%
$ Change			*81,747*		*120,488*		*36,357*		*34,247*	
% Change			*12.4%*		*16.2%*		*4.2%*		*3.8%*	
TOTAL OPERATING EXPENSES	9,108,682	100%	8,823,681	100%	9,488,764	100%	10,131,097	100%	10,493,976	100%
$ Change			-285,001		665,083		642,333		362,879	
% Change			-3.1%		7.5%		6.8%		3.6%	



CARPINTERIA VALLEY WATER DISTRICT
FY 2023-24 · FY 2024-25 · FY 2025-26
3-YEAR OPERATING BUDGET - PROPOSED AMENDED

		2021/22 Actual	2022/23 Budget	2023/24 Budget	2024/25 Budget	2025/26 Budget
PERSONNEL						
Labor						
01-540-6001	Maint of Wells-Labor	93,681	91,498	88,329	88,957	111,627
01-550-6001	Water Tests & Treatment-Labor	86,992	70,925	88,225	88,852	108,283
01-550-6004	Electrical/Instrumentation-Labor	5,590	18,938	32,652	32,972	36,210
01-560-6001	Engineering Labor-Office	162,668	216,540	221,621	230,555	239,841
01-560-6002	Engineering- Vacation, Sick, & Holidays	58,195	85,994	92,866	94,917	98,348
01-560-6003	Field Labor-Office	131,080	148,404	148,430	179,764	179,764
01-560-6004	Field- Vacation, Sick, & Holidays	95,310	119,559	136,333	153,266	166,787
01-560-6005	Standby Labor	67,313	67,000	67,000	67,000	67,000
01-560-6006	Vehicle/Equipment Maint Labor	-	64	10,766	13,096	13,398
01-560-6007	Maint of Mains & Hydrants-Labor	117,418	168,699	172,717	194,309	200,271
01-560-6008	Maint of Meters & Svcs-Labor	131,879	116,426	138,178	157,204	159,625
01-560-6009	Maint Pumping Equipment-Labor	1,006	39,877	20,072	20,269	26,746
01-560-6010	Utility Service Alerts-Labor	12,325	12,061	16,257	15,994	16,347
01-560-6011	Cross Connection Labor	8,132	11,760	12,310	12,917	13,637
01-560-6012	Engineering Field Labor	139,029	37,438	74,861	77,757	81,709
01-560-6013	Maint Tanks & Reservoirs-Labor	1,396	1,138	12,549	12,672	15,910
01-570-6001	Office of General Manager	180,536	171,051	182,521	187,889	197,283
01-570-6002	Office of GM-Vacation, Sick, & Holidays	30,767	28,767	30,697	31,600	33,179
01-570-6003	Salary Office	506,167	572,424	654,000	715,363	749,300
01-570-6004	Office-Vacation, Sick, & Holidays	63,545	110,600	138,411	172,913	176,259
01-570-6015	Labor-Training & Seminars	13,746	37,451	59,789	65,550	70,275
01-570-6016	Maint of Plant-Labor	7,849	5,689	22,920	25,371	28,913
01-570-6017	Public Information-Labor	6,083	10,868	11,398	11,506	11,848
01-570-6019	Water Conservation Coord-BMP 12	67,922	60,746	63,964	64,613	66,582
01-580-6001	Meter Reading/Customer Orders	43,171	46,261	51,257	50,076	51,111
Total Labor		2,031,800	2,250,178	2,548,123	2,765,382	2,920,253
	$ Change		218,378	297,945	217,259	154,871
	% Change		10.7%	13.2%	8.5%	5.6%

		2021/22 Actual	2022/23 Budget	2023/24 Budget	2024/25 Budget	2025/26 Budget
PERSONNEL - *continued*						
Personnel-Related Expenses						
01-570-6005	Directors Fees	16,580	18,000	18,540	19,096	19,669
01-570-6006	Employee Retirement-PERS	194,473	198,900	247,171	260,967	274,281
01-570-6007	Deferred Compensation-Employees	33,794	42,242	44,827	45,856	46,919
01-570-6008	Employee Health Insurance	410,050	423,000	443,000	483,000	503,000
01-570-6009	Employee FICA & Medicare	148,782	150,190	164,695	189,635	199,856
01-570-6010	Workers Compensation	60,315	65,000	66,950	68,959	71,027
01-570-6011	Employee Safety Boots	1,542	5,727	5,000	6,000	6,000
01-570-6012	Employee Physicals	3,196	1,020	3,000	3,090	3,183
01-570-6013	Compensated Absences	0	25,000	60,000	25,000	25,000
01-570-6014	Employee Educ. & Training Registration	20,810	29,400	30,282	31,190	32,126
01-570-6020	Temporary Labor	24,575	12,500	12,875	13,261	13,659
01-570-6022	Unemployment Insurance	-	8,000	8,000	8,000	8,000
01-570-6206	Vehicle Allowance	6,036	6,000	6,000	6,365	6,556
Total Personnel - Related Expenses		920,153	984,979	1,110,340	1,160,420	1,209,277
	$ Change		64,826	125,361	50,080	48,857
	% Change		7.0%	12.7%	4.5%	4.2%
Total Personnel Expenses		**2,951,953**	**3,235,157**	**3,658,463**	**3,925,802**	**4,129,530**
	$ Change		283,204	423,306	267,339	203,728
	% Change		9.6%	13.1%	7.3%	5.2%

CARPINTERIA VALLEY WATER DISTRICT
FY 2023-24 · FY 2024-25 · FY 2025-26
3-YEAR OPERATING BUDGET - PROPOSED AMENDED

		2021/22 Actual	2022/23 Budget	2023/24 Budget	2024/25 Budget	2025/26 Budget
GENERAL AND ADMINISTRATIVE						
01-570-6100	Office Expense & Supplies	7,996	26,010	15,000	15,000	15,000
01-570-6101	Computer System Maintenance	70,024	56,400	82,040	90,244	99,268
01-570-6102	Dues, Memberships & Licenses	25,910	26,520	27,316	28,135	28,979
01-570-6103	Employee Travel	224	10,000	20,000	20,600	21,218
01-570-6104	Misc. Office Expense	800	1,752	1,000	1,859	1,914
01-570-6105	Public Information Expense	3,990	10,000	20,000	20,600	21,218
01-570-6106	Advertising	2,579	4,080	6,000	4,328	4,458
01-570-6107	Meetings & Events	81	3,000	3,090	3,183	3,278
01-570-6108	Board Meetings and Supplies	2,717	3,600	7,000	7,210	7,426
01-570-6116	Board Member Training **NEW**	-	5,100	5,253	5,411	5,573
01-570-6109	Management Meeting Supplies	128	3,500	3,605	3,713	3,825
01-570-6110	Employee Relations Expense	1,950	2,550	2,627	2,705	2,786
01-570-6111	Software Maintenance	57,043	64,800	68,040	71,442	75,014
01-570-6112	Incode Maintenance	45,540	55,200	57,960	60,858	63,901
01-570-6113	Office Equipment Leases	14,235	18,000	18,540	19,096	19,669
01-570-6114	Customer Billing Expenses	124,031	95,000	97,850	100,786	103,809
01-570-6115	Bank and Finance Fees	40,962	31,000	31,930	32,888	33,875
01-570-6119	Cybersecurity Insurance **NEW**	-	10,000	15,000	16,500	18,150
Total General and Administrative		**398,209**	**426,512**	**482,250**	**504,558**	**529,362**
	$ Change		28,303	55,738	22,307	24,805
	% Change		7.1%	13.1%	4.6%	4.9%
UTILITIES						
01-540-6200	Pwr & Telephone for Pumping-PMP STN	156,985	185,000	189,041	206,765	220,692
01-540-6201	Power & Telephone for Pumping-Wells	201,432	220,000	134,365	141,083	148,137
01-570-6200	Electric	6,699	7,400	7,622	7,851	8,086
01-570-6201	Gas	2,430	2,500	3,500	3,605	3,713
01-570-6202	Telephone	28,264	31,140	40,000	33,036	34,028
01-570-6203	Waste Disposal	3,059	3,570	3,677	3,787	3,901
01-570-6204	Other Utilities	813	850	876	902	929
01-570-6208	Security **NEW**	-	3,500	3,605	3,713	3,825
Total Utilities Expense		**399,682**	**453,960**	**382,686**	**400,742**	**423,310**
	$ Change		54,278	(71,274)	18,057	22,568
	% Change		13.6%	-15.7%	4.7%	5.6%

CARPINTERIA VALLEY WATER DISTRICT
FY 2023-24 · FY 2024-25 · FY 2025-26
3-YEAR OPERATING BUDGET - PROPOSED AMENDED

		2021/22 Actual	2022/23 Budget	2023/24 Budget	2024/25 Budget	2025/26 Budget
PROFESSIONAL SERVICES						
01-560-6300	Engineering Services	42,876	113,424	65,000	140,332	123,941
01-560-6301	Groundwater Professional Services	306,090	10,200	10,506	10,821	11,146
01-560-6306	Siemens O&M Services	250	35,574	36,641	37,740	38,873
01-570-6300	Auditors Fees	32,175	32,000	35,000	36,050	37,132
01-570-6301	Legal-General	72,572	75,000	77,250	79,568	81,955
01-570-6303	Administrative Professional Services	70,284	60,000	65,000	63,654	65,564
01-570-6305	Legal-Labor Negotiator	869	5,500	15,000	3,000	3,090
Total Professional Services		**525,117**	**331,698**	**304,397**	**371,165**	**361,700**
	$ Change		(193,419)	(27,301)	66,768	(9,466)
	% Change		-36.8%	-8.2%	21.9%	-2.6%
OPERATIONS EXPENSE						
				-		
Water Supply						
01-520-6600	Cachuma Project Water Purchases	156,065	241,000	240,680	241,000	241,000
01-520-6608	Supplemental Water Purchases	1,150,390	160,785	-	-	-
01-520-6601	Renewal Fund - Cachuma Project	23,625	17,035	8,364	25,200	26,460
Total Water Supply		**1,330,081**	**418,820**	**249,044**	**266,200**	**267,460**
	$ Change		(911,261)	(169,776)	17,156	1,260
	% Change		-68.5%	-40.5%	6.9%	0.5%
Repairs & Maintenance						
01-540-6500	Maintenance of Pumping Equip	7,227	20,616	22,678	24,945	27,440
01-540-6501	Maintenance of Wells	56,856	29,835	32,819	36,100	39,710
01-560-6500	Maintenance of Vehicles & Equipment	30,668	28,270	29,118	29,992	30,891
01-560-6501	Maintenance of Mains & Hydrants	164,900	140,750	154,825	170,308	187,338
01-560-6502	Maintenance of Tanks & Reservoirs	11,815	21,500	15,000	22,809	23,494
01-560-6503	Maintenance of Meters & Services	90,857	80,750	95,000	104,500	114,950
01-560-6504	Maintenance of SCADA Equipment	30,825	25,500	28,050	30,855	33,941
01-560-6505	Badger Meter Reading Fees **NEW**	-	41,000	41,000	43,497	44,802
01-570-6500	Maintenance - Office, Plant & Sites	58,158	62,832	64,717	66,658	68,658
01-570-6205	Fleet Fuel & Maintenance	35,750	35,700	36,771	37,874	39,010
01-570-6207	Equipment Fuel Expense	8,136	10,410	7,000	11,044	11,375
01-570-6600	Fleet Vehicle Lease Expense	96,356	107,100	110,313	113,622	117,031
Total Repairs and Maintenance		**591,548**	**604,263**	**637,290**	**692,205**	**738,641**
	$ Change		12,715	33,027	54,915	46,436
	% Change		2.1%	5.5%	8.6%	6.7%

		2021/22 Actual	2022/23 Budget	2023/24 Budget	2024/25 Budget	2025/26 Budget
OPERATIONS EXPENSE - *continued*						
Supplies & Equipment						
01-560-6600	Engineering Supplies & Expense	2,932	12,240	10,000	12,985	13,375
01-560-6601	Cloudseeding	7,312	12,500	13,366	13,767	14,180
01-560-6602	Uniforms Expense	10,023	15,000	13,000	15,914	16,391
01-560-6603	Safety Supplies & Equipment	6,048	14,566	15,294	15,753	16,226
01-560-6604	Minor Tools Supplies & Equipment	28,847	22,890	23,577	24,284	25,013
01-560-6606	Utility Service Alerts	3,070	2,040	2,800	2,884	2,971
Total Supplies & Equipment		**58,231**	**79,236**	**78,037**	**85,587**	**88,154**
	$ Change		21,005	(1,199)	7,550	2,568
	% Change		36.1%	-1.5%	9.7%	3.0%
Total Operations Expense		**1,979,860**	**1,102,319**	**964,371**	**1,043,992**	**1,094,255**
	$ Change		(877,541)	(137,948)	79,621	50,263
	% Change		-44.3%	-12.5%	8.3%	4.8%
STATE WATER						
01-520-6700	CCWA - Variable	271,636	387,642	-	-	-
01-520-6701	DWR - Variable	167,714	165,480	94,586	184,995	237,901
Total State Water, Power & Chemicals		**439,350**	**553,122**	**94,586**	**184,995**	**237,901**
	$ Change		113,772	(458,536)	90,409	52,906
	% Change		25.9%	-82.9%	95.6%	28.6%
WATER TREATMENT & TESTING						
01-550-6800	Treatment - Cater Plant	1,006,887	1,030,000	1,909,035	1,805,723	1,719,955
01-550-6801	Water Quality Analysis-Distribution	16,342	40,800	30,000	43,285	44,583
01-550-6802	Treatment - Wells	66,719	54,529	57,255	60,118	63,124
01-550-6803	Chlorination - Ortega Reservoir	7,183	41,616	43,697	45,882	48,176
01-550-6805	Testing - Production Meters	-	9,890	10,187	10,492	10,807
Total Water Treatment and Testing		**1,097,131**	**1,176,835**	**2,050,174**	**1,965,500**	**1,886,645**
	$ Change		79,704	873,339	(84,674)	(78,855)
	% Change		7.3%	74.2%	-4.1%	-4.0%

CARPINTERIA VALLEY WATER DISTRICT FY 2023-24 · FY 2024-25 · FY 2025-26 3-YEAR OPERATING BUDGET - PROPOSED AMENDED		2021/22 Actual	2022/23 Budget	2023/24 Budget	2024/25 Budget	2025/26 Budget
JOINT POWERS AUTHORITIES						
01-530-6900	COMB Operating	471,462	578,132	456,504	646,203	697,479
01-530-6903	COMB-Safety of Dam (M & I)	34,410	34,407	34,407	36,127	37,934
01-530-6907	COMB Fisheries	130,972	142,077	146,339	-	-
01-530-6920	Carpinteria GSA Expenses	-	-	-	100,000	100,000
Total JPA Expenses		**636,844**	**754,616**	**637,250**	**782,330**	**835,413**
	$ Change		117,772	(117,366)	145,080	53,082
	% Change		18.5%	-15.6%	22.8%	6.8%
WATER CONSERVATION						
01-570-7100	Wtr Cons BMP 1 Wtr Srvy Prg	-	2,550	2,500	2,500	2,500
01-570-7101	Wtr Cons BMP 3 Residential	500	5,100	5,000	5,000	10,000
01-570-7102	Wtr Cons BMP 5 Landscape (CII)	500	2,000	5,000	5,000	10,000
01-570-7103	Wtr Cons BMP 2.1 Public Inf	16,297	20,700	21,321	21,961	22,619
01-570-7104	Wtr Cons BMP 2.2 School Edu	184	1,500	1,545	1,591	1,639
01-570-7105	Wtr Cons BMP 4 CII	-	2,250	3,000	3,000	1,500
01-570-7108	Wtr Cons BMP 1.4 Wtr Loss Contr	-	2,000	2,060	2,122	2,185
01-570-7109	Conservation Program	245	2,000	2,060	2,122	2,185
01-570-7110	Wtr Cons BMP A3A On-Farm Evals	-	2,500	2,575	2,652	2,732
01-570-7111	Wtr Cons BMP B3-On Farm Impr	-	2,500	2,575	2,652	2,732
01-570-7112	Wtr Cons District Members	1,561	3,366	3,467	3,571	3,678
Total Water Conservation Expenses		**19,287**	**46,466**	**51,103**	**52,171**	**61,771**
	$ Change		27,179	4,637	1,068	9,600
	% Change		140.9%	10.0%	2.1%	18.4%
OTHER EXPENSES						
01-510-7000	CCWA Operating Expense	535,874	596,356	710,105	745,611	782,891
01-550-7000	Regulatory Permitting Fees	34,865	32,640	43,619	34,628	35,667
01-570-7000	LAFCO	10,961	12,000	12,360	12,731	13,113
01-570-7001	Insurance General	79,548	80,000	82,400	84,872	87,418
01-570-7002	District Election Expense	-	7,000	-	7,000	-
01-580-7000	Uncollectable Accounts	-	15,000	15,000	15,000	15,000
Total Other Expenses		**661,249**	**742,996**	**863,484**	**899,842**	**934,088**
	$ Change		81,747	120,488	36,357	34,247
	% Change		12.4%	16.2%	4.2%	3.8%

CARPINTERIA VALLEY WATER DISTRICT
FY 2023-24 · FY 2024-25 · FY 2025-26
3-YEAR OPERATING BUDGET - PROPOSED AMENDED

		2021/22 Actual	2022/23 Budget	2023/24 Budget	2024/25 Budget	2025/26 Budget
CAPITAL EXPENDITURES						
01-1650	Cater Plant Expansion	140,000	100,000	70,000	100,000	100,000
01-1680	Intangible Asset - Website Redesign					
01-1705	Pumping Equipment					50,000
01-1710	Mains, Transmission and Distribution	389,000	588,000	489,356	470,000	660,000
01-1715	Meters & Services					
01-1720	Hydrants				50,000	
01-1725	Corrosion Control					
01-1730	Administration Building					
01-1735	Maintenance Center					
01-1740	Office Equipment	30,000	50,000	50,000	50,000	50,000
01-1745	Automotive Equipment					
01-1750	Other Equipment & Tools	61,000	100,000	151,044		
01-1755	Wells	275,000	2,350			
01-1760	Tanks & Reservoirs					
01-1765	Water Treatment Equipment					
	CAPP Consumables **NEW**					436,111
01-1770	Facilities and Grounds				50,000	50,000
01-1775	CIP Storage Tank			160,000	320,000	180,000
01-1785	HQ Well	44,000	65,000			
Total Capital Expenditures		**939,000**	**905,350**	**920,400**	**1,040,000**	**1,526,111**
	$ Change		(33,650)	15,050	119,600	486,111
	% Change		-3.6%	1.7%	13.0%	46.7%

CARPINTERIA VALLEY WATER DISTRICT
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3-YEAR OPERATING BUDGET - PROPOSED AMENDED

		2021/22 Actual	2022/23 Budget	2023/24 Budget	2024/25 Budget	2025/26 Budget
DEBT SERVICE						
State Water Fixed Costs						
01-510-7302	CCWA Bonds-State Water-Int: *RETIRED*	19,952	-	-	-	-
01-510-7301	CCWA Bonds-State Water-Prin: *RETIRED*	1,018,630	-	-	-	-
01-510-7300	State DWR Charges	1,934,140	1,895,193	2,174,810	2,230,738	2,212,561
Total State Water Fixed Costs		2,972,722	1,895,193	2,174,810	2,230,738	2,212,561
	$ Change		(1,077,529)	279,617	55,928	(18,177)
	% Change		-36.2%	14.8%	2.6%	-0.8%
Debt Service - Principal						
01-2335	Revenue Bonds 2020A - Principle	375,000	395,000	415,000	435,000	460,000
01-2337	Bond Payable-2020B Txble Ref Rev Bonds	95,000	100,000	100,000	105,000	105,000
01-2340	SRF-Cater Treatment Plant Principal	214,718	217,337	-	-	-
01-2365	Revenue Bonds 2016-Principal	435,000	460,000	480,000	500,000	525,000
01-2367	Siemens Lease - Principal	391,609	402,500	413,693	425,198	437,023
01-23xx	SRF - Cater Treament 2026 - Princ **NEW**	-	-	-	-	113,909
Total Debt Service - Principal		1,511,327	1,574,837	1,408,693	1,465,198	1,640,932
	$ Change		63,510	(166,144)	56,505	175,734
	% Change		4.2%	-10.5%	4.0%	12.0%
Debt Service - Interest						
01-599-7302	Interest Expense - COP Bonds - CIP	-	-			
01-599-7304	SRF-Cater Treatment Plant Interest	20,456	15,186	-	-	-
01-599-7308	Revenue Bonds 2016-Interest	273,750	250,750	238,750	214,250	188,625
01-599-7309	Siemens Lease - Interest	145,272	136,178	124,984	114,240	101,654
01-599-7310	Revenue Bonds 2020A - Interest	850,875	845,875	825,625	804,375	782,000
01-599-7311	Revenue Bonds 2020B - Interest	135,646	134,986	132,314	129,434	126,379
10-599-7312	Revenue Bonds 2020C - Interest	75,500	75,500	75,500	75,500	75,500
01-599-73xx	SRF - Cater Treament 2026 - Int **NEW**	-	-	-	152,000	153,091
Total Debt Service - Interest		1,501,499	1,458,475	1,397,173	1,489,799	1,427,249
	$ Change		(43,024)	(61,302)	92,626	(62,550)
	% Change		-2.9%	-4.2%	6.6%	-4.2%
Total Debt Service		**5,985,548**	**4,928,505**	**4,980,676**	**5,185,735**	**5,280,742**
	$ Change		(1,057,043)	52,171	205,059	95,007
	% Change		-17.7%	1.1%	4.1%	1.8%

CARPINTERIA VALLEY WATER DISTRICT

FY 2023-24 · FY 2024-25 · FY 2025-26 **3-YEAR OPERATING BUDGET - PROPOSED AMENDED**	**2021/22** **Actual**	**2022/23** **Budget**	**2023/24** **Budget**	**2024/25** **Budget**	**2025/26** **Budget**
FISCAL YEAR 2023-2025 **OPERATION BUDGET - PROPOSED**	**2021/22** **Actual**	**2022/23** **Budget**	**2023/24** **Budget**	**2024/25** **Budget**	**2025/26** **Budget**
TOTAL OPERATING BUDGET	**16,033,230**	**14,657,536**	**15,389,840**	**16,356,832**	**17,300,829**
% Change		**-8.6%**	**5.0%**	**6.3%**	**5.8%**

CARPINTERIA VALLEY WATER DISTRICT
FISCAL YEAR 2023-2024
OPERATING BUDGET - PROPOSED AMENDED

COVERAGE RATIOS

BASED ON SRFs AND BONDS	
Revenue	
Residential	2,516,493
Commercial	478,138
Industrial	107,496
Public Authority	221,839
Agricultural	1,850,997
Ag Residential Equivalency Charge (REQ)	101,516
Monthly Service Charge-Basic	710,004
Monthly Service Charge-SWP	3,091,715
Monthly Service Charge-CIP	4,229,128
Drought Surcharge - Meter	497,171
Drought Surcharge - Volume	283,121
AG Fixed O&M	921,474
Fire Protection	197,770
Lifeline Program Credits	(39,000)
Misc Service Revenue	85,000
Other Income	139,415
CGSA Personnel Costs Reimb	100,000
Overhead Control **	50,000
Interest	120,000
Total Revenue	**15,662,278**
Expenses	
Personnel	3,658,463
General and Administrative	482,250
Utilities	382,686
Professional Services	304,397
Operations Expense	964,371
State Water Power & Chem	94,586
Water Treatment	2,050,174
JPA Expense	637,250
Water Conservation	51,103
Other Expense	863,484
Drough Savings	(98,213)
Total Expenses	**9,390,551**
Net Revenue	**6,271,727**
State Water Debt Service	2,174,810
Siemens Lease Purchase Agreement	538,677
Total Available for SRF and Bonds Debt Service	**3,558,240**
Debt Service	
SRF-Cater	-
Revenue Bonds 2016A	718,750
Revenue Bonds 2020A	1,240,625
Revenue Bonds 2020B	232,314
Revenue Bonds 2020C	75,500
Total Debt Service	**2,267,189**
COVERAGE RATIO	***1.57***

BASED ON CCWA-STATE WATER	
Revenue	
Residential	2,516,493
Commercial	478,138
Industrial	107,496
Public Authority	221,839
Agricultural	1,850,997
Ag Residential Equivalency Charge (REQ)	101,516
Monthly Service Charge-Basic	710,004
Monthly Service Charge-SWP	3,091,715
Monthly Service Charge-CIP	4,229,128
Drought Surcharge - Meter	497,171
Drought Surcharge - Volume	283,121
AG Fixed O&M	921,474
Fire Protection	197,770
Lifeline Program Credits	(39,000)
Misc Service Revenue	85,000
Other Income	139,415
CGSA Personnel Costs Reimb	100,000
Overhead Control **	50,000
Interest	120,000
Total Revenue	**15,662,278**
Expenses	
Personnel	3,658,463
General and Administrative	482,250
Utilities	382,686
Professional Services	304,397
Operations Expense	964,371
State Water Power & Chem	94,586
Water Treatment	2,050,174
JPA Expense	637,250
Water Conservation	51,103
Other Expense	863,484
	(98,213)
Total Expenses	**9,390,551**
Net Revenue	**6,271,727**
State Water Rate coverage	-
(fund may be used for 25% of coverage)	
Siemens Lease Purchase Agreement	538,677
Total Available for CCWA Debt Service	**5,733,050**
State Water Debt Service	**2,174,810**
COVERAGE RATIO	***2.64***

CARPINTERIA VALLEY WATER DISTRICT
FISCAL YEAR 2024-2025
OPERATING BUDGET - PROPOSED AMENDED

COVERAGE RATIOS

BASED ON SRFs AND BONDS	
Revenue	
Residential	3,200,864
Commercial	578,818
Industrial	125,435
Public Authority	221,163
Agricultural	2,103,873
Ag Residential Equivalency Charge (REQ)	116,112
Monthly Service Charge-Basic	771,736
Monthly Service Charge-SWP	3,434,522
Monthly Service Charge-CIP	4,864,418
Drought Surcharge - Meter	-
Drought Surcharge - Volume	-
AG Fixed O&M	1,000,945
Fire Protection	189,820
Lifeline Program Credits	(39,000)
Misc Service Revenue	85,000
Other Income	203,434
Overhead Control **	50,000
Interest	120,000
Total Revenue	**17,027,141**
Expenses	
Personnel	3,925,802
General and Administrative	504,558
Utilities	400,742
Professional Services	371,165
Operations Expense	1,043,992
State Water Power & Chem	184,995
Water Treatment	1,965,500
JPA Expense	782,330
Water Conservation	52,171
Other Expense	899,842
Drought Savings	
Total Expenses	**10,131,097**
Net Revenue	**6,896,044**
State Water Debt Service	2,230,738
Siemens Lease Purchase Agreement	539,438
Total Available for SRF and Bonds Debt Service	**4,125,868**
Debt Service	
SRF-Cater	-
Revenue Bonds 2016A	714,250
Revenue Bonds 2020A	1,239,375
Revenue Bonds 2020B	234,434
Revenue Bonds 2020C	75,500
SRF-Cater 2026	152,000
Total Debt Service	**2,415,559**
COVERAGE RATIO	***1.71***

BASED ON CCWA-STATE WATER	
Revenue	
Residential	3,200,864
Commercial	578,818
Industrial	125,435
Public Authority	221,163
Agricultural	2,103,873
Ag Residential Equivalency Charge (REQ)	116,112
Monthly Service Charge-Basic	771,736
Monthly Service Charge-SWP	3,434,522
Monthly Service Charge-CIP	4,864,418
Drought Surcharge - Meter	-
Drought Surcharge - Volume	-
AG Fixed O&M	1,000,945
Fire Protection	189,820
Lifeline Program Credits	(39,000)
Misc Service Revenue	85,000
Other Income	203,434
Overhead Control **	50,000
Interest	120,000
Total Revenue	**17,027,141**
Expenses	
Personnel	3,925,802
General and Administrative	504,558
Utilities	400,742
Professional Services	371,165
Operations Expense	1,043,992
State Water Power & Chem	184,995
Water Treatment	1,965,500
JPA Expense	782,330
Water Conservation	52,171
Other Expense	899,842
Total Expenses	**10,131,097**
Net Revenue	**6,896,044**
State Water Rate coverage	-
(fund may be used for 25% of coverage)	
Siemens Lease Purchase Agreement	539,438
Total Available for CCWA Debt Service	**6,356,606**
State Water Debt Service	**2,230,738**
COVERAGE RATIO	***2.85***

CARPINTERIA VALLEY WATER DISTRICT
FISCAL YEAR 2025-2026
OPERATING BUDGET - PROPOSED AMENDED

COVERAGE RATIOS

BASED ON SRFs AND BONDS	
Revenue	
Residential	3,622,162
Commercial	619,782
Industrial	134,311
Public Authority	236,992
Agricultural	2,258,254
Ag Residential Equivalency Charge (REQ)	124,848
Monthly Service Charge-Basic	844,610
Monthly Service Charge-SWP	3,719,303
Monthly Service Charge-CIP	5,203,104
Drought Surcharge - Meter	-
Drought Surcharge - Volume	-
AG Fixed O&M	1,076,040
Fire Protection	204,061
Lifeline Program Credits	(39,000)
Misc Service Revenue	85,000
Other Income	205,203
Overhead Control **	50,000
Interest	120,000
Total Revenue	**18,464,669**
Expenses	
Personnel	4,129,530
General and Administrative	529,362
Utilities	423,310
Professional Services	361,700
Operations Expense	1,094,255
State Water Power & Chem	237,901
Water Treatment	1,886,645
JPA Expense	835,413
Water Conservation	61,771
Other Expense	934,088
Drought Savings	-
Total Expenses	**10,493,976**
Net Revenue	**7,970,693**
State Water Debt Service	2,212,561
Siemens Lease Purchase Agreement	538,677
Total Available for SRF and Bonds Debt Service	**5,219,455**
Debt Service	
SRF-Cater	-
Revenue Bonds 2016A	713,625
Revenue Bonds 2020A	1,242,000
Revenue Bonds 2020B	231,379
Revenue Bonds 2020C	75,500
SRF-Cater 2026	267,000
Total Debt Service	**2,529,504**
	-
COVERAGE RATIO	***2.06***

BASED ON CCWA-STATE WATER	
Revenue	
Residential	3,622,162
Commercial	619,782
Industrial	134,311
Public Authority	236,992
Agricultural	2,258,254
Ag Residential Equivalency Charge (REQ)	124,848
Monthly Service Charge-Basic	844,610
Monthly Service Charge-SWP	3,719,303
Monthly Service Charge-CIP	5,203,104
Drought Surcharge - Meter	-
Drought Surcharge - Volume	-
AG Fixed O&M	1,076,040
Fire Protection	204,061
Lifeline Program Credits	(39,000)
Misc Service Revenue	85,000
Other Income	205,203
Overhead Control **	50,000
Interest	120,000
Total Revenue	**18,464,669**
Expenses	
Personnel	4,129,530
General and Administrative	529,362
Utilities	423,310
Professional Services	361,700
Operations Expense	1,094,255
State Water Power & Chem	237,901
Water Treatment	1,886,645
JPA Expense	835,413
Water Conservation	61,771
Other Expense	934,088
Drought Savings	-
Total Expenses	**10,493,976**
Net Revenue	**7,970,693**
State Water Rate coverage	-
(fund may be used for 25% of coverage)	
Siemens Lease Purchase Agreement	538,677
Total Available for CCWA Debt Service	**7,432,016**
State Water Debt Service	**2,212,561**
COVERAGE RATIO	***3.36***

CARPINTERIA VALLEY WATER DISTRICT
THREE YEAR CAPITAL PROJECT BUDGET - PROPOSED
FY 2023-2024 · FY 2024-2025 · FY 2025-2026

RATE FUNDED CAPITAL EXPENDITURES - 3 YEAR PROJECTION

Project / Category	Department	Pg#	Prior Funding	FY 23/24 Budget	FY 24/25 Budget	FY 25/26 Budget	Future Funding	Total (One Time)
				PAGE 19	*PAGE 29*	*PAGE 41*		
Infrastructure								
Infrastructure Maintenance (Ongoing)	Operations	20	210,000	230,356	240,000	250,000	260,000	Ongoing
Carpinteria Avenue Bridge Pipeline Replacement (2 Year Funding)	Engineering	21	56,000	101,000	-	-	-	157,000
Lat 10 Creek (2 Year Funding)	Engineering	22	80,000	80,000	-	-	-	160,000
Gobernador Pressure System (5 Year Funding)	Engineering	23	-	100,000	100,000	100,000	200,000	500,000
Parking Lot Rehab (5 Year Funding)	Operations	32	-	-	50,000	50,000	150,000	250,000
Walnut Service Replacement	Engineering	45	-	-	-	90,000	-	90,000
								-
Reliability								-
Foothill Reservoir PLC & Controls Upgrade	Operations	24	-	60,000	-	-	-	60,000
Regulator Stations Communications Project	Operations	25	61,000	48,000	-	-	-	109,000
Backhoe Purchase	Operations	26	-	151,044	-	-	-	151,044
Pipeline Inspection (5 Year Funding)	Operations	33	-	-	50,000	50,000	150,000	250,000
No-Discharge Flushing (5 Year Funding)	Engineering	27	18,000	30,000	30,000	30,000	60,000	168,000
Carpinteria Reservoir PCL Upgrade	Operations	35	-	-	60,000	-	-	60,000
Carpinteria Reservoir Aeration (5 Year Funding)	Operations	36	-	-	80,000	80,000	240,000	400,000
Main Line Upgrade - Padaro Lane (10 Year Funding)	Engineering	37	-	-	150,000	150,000	1,200,000	1,500,000
Foothill Reservoir Piping Rehab	Operations	38	-	-	80,000	-	-	80,000
Hydrant Guard Installation - All Hydrants	Operations	39	-	-	50,000	-	-	50,000
Shepard Mesa PLC Replacement	Operations	50	-	-	-	50,000	-	50,000
Slough Crossing Removal (2 Year Funding)	Engineering	51	-	-	-	90,000	90000	180,000
Safety								
None								-
Business Reliability/ Efficiency								
IT Upgrades (Ongoing)	Business	28	50,000	50,000	50,000	50,000	60,000	Ongoing
CAPP Project Consumables **NEW**	Operations					436,111		Ongoing
Subtotal - Water Rates Funded				850,400	940,000	1,426,111		
Cater Treatment Plant - Capital Expenditures funded by CIP				70,000	100,000	100,000	100,000	Ongoing
			475,000	920,400	1,040,000	1,526,111	2,510,000	4,215,044

**Capital project detail not applicable.

FY 23/24

CARPINTERIA VALLEY WATER DISTRICT
FISCAL YEAR 2023-2024
CAPITAL BUDGET - PROPOSED

RATE FUNDED CAPITAL EXPENDITURES

	Project Description / Category	GL Acct #	Department	I=In-house C=Contract	FY 23-24 Budget
	Water Rates Funded				
	Infrastructure				
	Infrastructure Maintenance *	1710	Operations	I	230,356
P15	Carpinteria Avenue Bridge Pipeline Replacement (Year 2 of 2)	1710	Engineering	C	101,000
P67	Lat 10 Creek (Year 2 of 2)	1710	Engineering	C	80,000
	Gobernador Pressure System (Year 1 of 5)	1775	Engineering	C	100,000
	Reliability				
	Foothill Reservoir PLC & Controls Upgrade	1775	Operations	I/C	60,000
	Regulator Stations Communications Project	1710	Operations	I/C	48,000
	Backhoe Purchase	1750	Operations	C	151,044
	No-Discharge Flushing (Year 1 of 5)	1710	Engineering	C	30,000
	Safety				
	None				-
	Business Reliability/ Efficiency				
	IT Upgrades	1740	Business	I, C	50,000
	Subtotal, Water Rates Funded				850,400
	CIP Rate Funded				
	Cater Treatment Plant - Capital Expenditures	1650	Funded by CIP Charges		70,000
	Subtotal, CIP Funded				920,400
	FY 22-23 Capital Project Funds Released and Available - ESTIMATED				-
	Total FY 23/24 Rates Funded Capital Projects, Net of Released Prior Year Funds				**920,400**

* Ongoing upgrades and replacements of existing transmission and distribution equipment and lines. Projects formerly referred to as Water Distribution Replacement, Valve Exercise & Replacement, End Drain Replacement, Water Service Replacement and T Branch Removal.

Fiscal Year 2023-24 Capital Expenditure over $10,000

Brief Description:	**Replacement of Transmission & Distribution Systems**				
Project Number	A85,A88,A96,B25,B26		Account Number	1710	
Category	Infrastructure		Department	Operations	
Schedule	Ongoing		Work performed by:		Contractor
				X	In-House
Funding Source	Water Rates Funded	X	Alternate Funding		

	BUDGET	DROUGHT	TOTAL	Item is:	
FY23 and Past	$ 210,000		$ 210,000		New
FY24	**$ 230,356**		**$ 230,356**	X	Replacement
FY25 and Future	$ 240,000		$ 240,000	X	Repair
Total Project Costs	ONGOING	ONGOING	ONGOING		

Description of Project	Water Distribution Replacement, Water Service Replacement, T-Branch Removal, Valve Replacement & End Drain Replacement and Service Meter Replacements.

Why This Project Is Needed	Ongoing repair and replacement of aging water transmission, distribution and treatment systems required to maintain infrastructure reliability.

Consequences Of Not Funding This Project	Unpredictable system component failures will happen due to age of system. If repairs are not made, water quality, fire protection and reliability of delivery will be compromised.

Fiscal Year 2023-24 Capital Expenditure over $10,000

Brief Description: **Carpinteria Avenue Bridge Pipeline Replacement (Funding Year 2 of 2)**

Project Number: P15

Account Number: 1710

Category: Infrastructure

Department: Engineering

Schedule:

Work performed by: X Contractor / In-House

Funding Source: Water Rates Funded

Alternate Funding: Siemens MLP Agreement

	BUDGET	DROUGHT	TOTAL
FY23 and Past	$ 56,000	$ -	$ 56,000
FY24	**$ 101,000**	**$ -**	**$ 101,000**
FY25 and Future			$ -
Total Project Costs	$ 157,000	$ -	$ 157,000

Item is:

X New

Replacement

Repair

Description of Project	City of Carpinteria replacement of Carpinteria Avenue Bridge requires replacement of the District's existing water main which is the primary supply line for downtown. Please note in 2019 $90k was borrowed from the account to cover Lyons Well Rehab cost plus in 2021 another $54k was borrowed from the acccount. The account inital had $200K but the project currently is only at $56k. The captial for this year will get the funding to $157K . which is lower than our initial estimate. Will need to collect addition funds as to get back to $200K.

Why This Project Is Needed	The bridge replacment will occur potentially fall of 2023 or Spring of 2024.

Consequences Of Not Funding This Project	The Carpinteria Bridge has a major water supply line on the North side is a main supply for the downtown Carpinteria.

Fiscal Year 2023-24 Capital Expenditure over $10,000

Brief Description:	**Lat 10 Creek Crossing (Funding Year 2 of 2)**				
Project Number	P67		Account Number	1710	
Category	Infrastructure		Department	Engineering	
Schedule	One-time		Work performed by:	X	Contractor
					In-House
Funding Source	Water Rates Funded	X	Alternate Funding		

	BUDGET	DROUGHT	TOTAL
FY23 and Past	$ 80,000	$ -	$ 80,000
FY24	**$ 80,000**	**$ -**	**$ 80,000**
FY25 and Future			$ -
Total Project Costs	$ 160,000	$ -	$ 160,000

Item is:	
	New
X	Replacement
	Repair

Description of Project	Replace the existing water crossing with a new main under the creek. Project will require the removal of the existing main, which is encased in concrete, and install a new water main at a depth as determined by the District study at an elevation that will not be effected by scouring in the creek.

Why This Project Is Needed	The existing crossing is exposed and is causing a fish passage issue that has been noted by the Department of Fish and Wildlife. The District issued letter to the Department of Fish and Wildlife stating that the issue will be addressed.

Consequences Of Not Funding This Project	A violation with the Department of Fish and Wildlife for the creek issue.

Fiscal Year 2023-24 Capital Expenditure over $10,000

Brief Description:	**Gobernador Pressure System (Funding Year 1 of 5)**		
Project Number		Account Number	1775
Category	Infrastructure	Department	Engineering
Schedule	One-time	Work performed by:	X Contractor
			In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY23 and Past	$ -	$ -	$ -
FY24	**$ 100,000**	**$ -**	**$ 100,000**
FY25 and Future	$ 400,000		$ 400,000
Total Project Costs	$ 500,000	$ -	$ 500,000

Item is:

	New
	Replacement
	Repair

Description of Project	Construct pressure system to supply section of meters near Gobernador reservoir with required pressure at the meter. The project will involve a new pressure zone for the accounts, design and construction of system, building to house the pumps and controls. Goal is collect 5 years of funding at $100K each year as fund the project.

Why This Project Is Needed	District is servicing customer at below the state required 20 psi at the meter.

Consequences Of Not Funding This Project	Violation of state requirements for pressure at customer meter.

Fiscal Year 2023-24 Capital Expenditure over $10,000

Brief Description:	**Foothill Reservoir PCL and Controls Upgrade**		
Project Number		Account Number	1775
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor
			X In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY23 and Past	$ -	$ -	$ -
FY24	**$ 60,000**	**$ -**	**$ 60,000**
FY25 and Future	$ -		$ -
Total Project Costs	$ 60,000	$ -	$ 60,000

Item is:

	New
	Replacement
	Repair

Description of Project	Upgrade components of the Foothill Reservoir communications system including: *the Programmable Logic Controller (PLC): the system controller which also handles the cellular communications with the District main facility *the Input-Output or I/O which transfers data between the PLC and various controls and alarms which are used to view and control the facility remotely. The existing equipment is over 20 years old.
Why This Project Is Needed	The current hardware and associated programming is no longer supported and parts are no longer available from the manufacturer.
Consequences Of Not Funding This Project	Existing unsupported hardware creates a security issue and a reliability issue due to unexpected failure. In the event of a failure, parts are no longer available to repair and return to service which will cause a loss of control and operability at the facility putting at risk our ability to move water to the east side of our District.

Fiscal Year 2023-24 Capital Expenditure over $10,000

Brief Description:	**Regulator Stations Communications Project**		
Project Number		Account Number	1710
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor
			X In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY23 and Past	$ 61,000	$ -	$ 61,000
FY24	**$ 48,000**	**$ -**	**$ 48,000**
FY25 and Future	$ -		$ -
Total Project Costs	$ 109,000	$ -	$ 109,000

Item is:

	New
	Replacement
	Repair

Description of Project	Project is partially funded, This project is for the installation of communication hardware at our pressure regulator stations.

Why This Project Is Needed	This project will provide real time data for the assessment of pressures throughout our District and allow for remote management.

Consequences Of Not Funding This Project	Project will not be completely funded and only a portion of the project will be completed.

Fiscal Year 2023-24 Capital Expenditure over $10,000

Brief Description:	**Backhoe Purchase**		
Project Number		Account Number	1750
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor
			In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY23 and Past	$ -	$ -	$ -
FY24	**$ 151,044**	**$ -**	**$ 151,044**
FY25 and Future	$ -		$ -
Total Project Costs	$ 151,044	$ -	$ 151,044

Item is:

X	New
	Replacement
	Repair

Description of Project	Replace current backhoe. Backhoe replacement cost is $177,044 with an anticipated $26,000 trade-in value for the current backhoe.

Why This Project Is Needed	Current backhoe does not meet the California emissions standards for diesel emissions.

Consequences Of Not Funding This Project	District will not be in compliance and will incur fines.

Fiscal Year 2023-24 Capital Expenditure over $10,000

Brief Description:	**No Discharge Flushing (Funding Year 2 of 5)**		
Project Number	P68	Account Number	1710
Category	Reliability	Department	Engineering
Schedule	One-time	Work performed by:	Contractor
		X	In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY23 and Past	$ 18,000	$ -	$ 18,000
FY24	**$ 30,000**	**$ -**	**$ 30,000**
FY25 and Future	$ 120,000		$ 120,000
Total Project Costs	$ 168,000	$ -	$ 168,000

Item is:

X	New
	Replacement
	Repair

Description of Project	To flush 5-7 miles of distribution system with no waste of water. NO-DES stands for Neutral Output Discharge Elimination System. Instead of flushing water out of Hydrants and running water to waste the NO-DES process utilizes a trailer mounted pumping, filtering and re-chlorinating system which circulates the water within the water distribution system.
Why This Project Is Needed	The District has not flushed in over 8 years. Could result in taste and odor issues along with possible dirty water complaints.
Consequences Of Not Funding This Project	Possible water complaints and warning from DHS for not flushing system on annual basis.

Fiscal Year 2023-24 Capital Expenditure over $10,000

Brief Description:	**IT Upgrades**				
Project Number	P72		Account Number	1740	
Category	Business Reliability		Department	Business	
Schedule	Ongoing		Work performed by:	X	Contractor
				X	In-House
Funding Source	Water Rates Funded	X	Alternate Funding		

	BUDGET	DROUGHT	TOTAL
FY23 and Past		$ -	$ -
FY24	**$ 50,000**	**$ -**	**$ 50,000**
FY25 and Future	$ 50,000		$ 50,000
Total Project Costs	ONGOING	ONGOING	ONGOING

Item is:

X	New
X	Replacement
	Repair

Description of Project	The IT infrastructure is continuing to expand as we implement additional automations in all departments. In addition, our recent Grand Jury Cypersecurity report response included the implementation of several potential software and hardware mitigations. As currently envisioned, this request will provide funds for additional storage space, additional software to harden our email and password products, and a new firewall dedicated to SCADA access.

Why This Project Is Needed	Cybercrime is increasing at a rapid rate and the District needs to adhere to recommended guidelines to both prevent as many attacks as possible and to recover from attacks as effectively as possible.

Consequences Of Not Funding This Project	We will be operating outside of recommended norms, more vulnerable to cyber attacks and less prepared for reacting to them. Cyberattacks on the water system infrastructure could cause a myriad of problems to our distribution and treatment systems.

FY 24/25

CARPINTERIA VALLEY WATER DISTRICT
FISCAL YEAR 2024-2025
CAPITAL BUDGET - PROPOSED

RATE FUNDED CAPITAL EXPENDITURES

Project Description / Category	GL Acct #	Department	I=In-house C=Contract	FY 24-25 Budget
Water Rates Funded				
Infrastructure				
Infrastructure Maintenance *	1710	Operations	I	240,000
Gobernador Pressure System (Year 2 of 5)	1775	Engineering	C	100,000
Parking Lot Rehab (Year 1 of 5)	1770	Operations	C	50,000
Reliability				
Pipeline Inspection (Year 1 of 5)	1710	Engineering	C	50,000
No-Discharge Flushing (Year 3 of 5)	1710	Engineering	C	30,000
Carpinteria Reservoir PCL Upgrade	1775	Operations	C	60,000
Carpinteria Reservoir Aeration (Year 1 of 5)	1775	Operations	C	80,000
Main Line Upgrade - Padaro Lane (Year 1 of 10)	1710	Engineering	C	150,000
Foothill Reservoir Piping Rehab	1775	Operations	C	80,000
Hydrant Guard Installation - All Hydrants	1720	Operations	I	50,000
Safety				
None				-
Business Reliability/ Efficiency				
IT Upgrades	1740	Business	I, C	50,000
Subtotal, Water Rates Funded				940,000
CIP Rate Funded				
Cater Treatment Plant - Capital Expenditures	1650	Funded by CIP Charges		100,000
Subtotal, CIP Funded				1,040,000
FY 23/24 Capital Project Funds Released and Available - ESTIMATED				-
Total FY 24/25 Rates Funded Capital Projects, Net of Released Prior Year Funds				**1,040,000**

* Ongoing upgrades and replacements of existing transmission and distribution equipment and lines. Projects formerly referred to as Water Distribution Replacement, Valve Exercise & Replacement, End Drain Replacement, Water Service Replacement and T Branch Removal.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**Replacement of Transmission & Distribution Systems**				
Project Number	A85,A88,A96,B25,B26		Account Number	1710	
Category	Infrastructure		Department	Operations	
Schedule	Ongoing		Work performed by:		Contractor
				X	In-House
Funding Source	Water Rates Funded	X	Alternate Funding		

	BUDGET	DROUGHT	TOTAL	Item is:	
FY24 and Past	$ 231,000		$ 231,000		New
FY25	**$ 240,000**		**$ 240,000**	X	Replacement
FY26 and Future	$ 250,000		$ 250,000	X	Repair
Total Project Costs	ONGOING	ONGOING	ONGOING		

Description of Project	Water Distribution Replacement, Water Service Replacement, T-Branch Removal, Valve Replacement & End Drain Replacement and Service Meter Replacements.
Why This Project Is Needed	Ongoing repair and replacement of aging water transmission, distribution and treatment systems required to maintain infrastructure reliability.
Consequences Of Not Funding This Project	Unpredictable system component failures will happen due to age of system. If repairs are not made, water quality, fire protection and reliability of delivery will be compromised.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**Gobernador Pressure System (Funding Year 2 of 5)**		
Project Number		Account Number	1775
Category	Infrastructure	Department	Engineering
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ 100,000	$ -	$ 100,000
FY25	**$ 100,000**	**$ -**	**$ 100,000**
FY26 and Future	$ 300,000		$ 300,000
Total Project Costs	$ 500,000	$ -	$ 500,000

Item is:

X	New
X	Replacement
	Repair

Description of Project	Construct pressure system to supply section of meters near Gobernador reservoir with required pressure at the meter. The project will involve a new pressure zone for the accounts, design and construction of system, building to house the pumps and controls. Goal is collect 5 years of funding at $100K each year to fund the project.

Why This Project Is Needed	District is serving customer at below the state required 20 psi at the meter.

Consequences Of Not Funding This Project	Violation of state requirements for pressure at customer meter.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**Parking Lot Rehabilitation (Funding Year 1 of 5)**		
Project Number		Account Number	1770
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ -	$ -	$ -
FY25	**$ 50,000**	**$ -**	**$ 50,000**
FY26 and Future	$ 200,000		$ 200,000
Total Project Costs	$ 250,000	$ -	$ 250,000

Item is:

	New
X	Replacement
	Repair

Description of Project	Resurface Maintenance Yard parking lot.
Why This Project Is Needed	The parking lot is badly cracked and much of it is more like gravel than asphalt. Traffic, weather and age have caused the parking lot to continue to fail. The constant gravel like surface is a safety issue that will eventually lead to a slip and fall injury, sweeping only exacerbates the problem.
Consequences Of Not Funding This Project	Not repairing the parking lot will lead to continues failure and eventually cause large chunks to lift out.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**Pipeline Inspection (Funding Year 1 of 5)**		
Project Number	P68	Account Number	1710
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor
			In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ -	$ -	$ -
FY25	**$ 50,000**	**$ -**	**$ 50,000**
FY26 and Future	$ 200,000		$ 200,000
Total Project Costs	$ 250,000	$ -	$ 250,000

Item is:

X	New
	Replacement
	Repair

Description of Project	Project allows the District to inspect the pipes with inserted video camera into the main. This will better allow staff to access the condition of the pipe and the lifespan, as compared to relying on the factor of just the age of the pipe. Additionally the videoing of the mains can note leaks in the pipe, which will benefit our water loss percentage.

Why This Project Is Needed	Assess the condition of our mainlines. This project will allow us to assess and plan for necessary upgrades to our distribution system, and allow us to find repair leaks early, and allow us to remove sections in poor condition without having to wait for leaks to surface. It will also help us to meet upcoming water loss compliance requirements.

Consequences Of Not Funding This Project	Unseen and unaccounted for water loss increases, repairs become part of an emergency response instead of a planned project.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**No Discharge Flushing (Funding Year 3 of 5)**		
Project Number	P68	Account Number	1710
Category	Reliability	Department	Engineering
Schedule	One-time	Work performed by:	Contractor
			X In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ 48,000	$ -	$ 48,000
FY25	**$ 30,000**	**$ -**	**$ 30,000**
FY26 and Future	$ 90,000		$ 90,000
Total Project Costs	$ 168,000	$ -	$ 168,000

Item is:

	New
	Replacement
X	Repair

Description of Project	To flush 5-7 miles of distribution system with no waste of water. NO-DES stands for Neutral Output Discharge Elimination System. Instead of flushing water out of Hydrants and running water to waste the NO-DES process utilizes a trailer mounted pumping, filtering and re-chlorinating system which circulates the water within the water distribution system.

Why This Project Is Needed	The District has not flushed in over 8 years. Could result in taste and odor issues along with possible dirty water complaints.

Consequences Of Not Funding This Project	Possible water complaints and warning from DHS for not flushing system on annual basis.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**Carpinteria Reservoir PCL Upgrade**		
Project Number		Account Number	1775
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ -	$ -	$ -
FY25	**$ 60,000**	**$ -**	**$ 60,000**
FY26 and Future	$ -		$ -
Total Project Costs	$ 60,000	$ -	$ 60,000

Item is:
- ___ New
- X Replacement
- ___ Repair

Description of Project	Upgrade components of the Carpinteria Reservoir communications system including: *the Programmable Logic Controller (PLC): the system controller which also handles the cellular communications with the District main facility *the Input-Output or I/O which transfers data between the PLC and various controls and alarms which are used to view and control the facility remotely.
Why This Project Is Needed	The current hardware and associated programming is no longer supported and parts are no longer available from the manufacturer.
Consequences Of Not Funding This Project	Existing unsupported hardware creates a security issue and a reliability issue due to unexpected failure. In the event of a failure, parts are no longer available to repair and return to service which will cause a loss of control and operability at the facility putting at risk our ability to move water to the east side of our District.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**Carpinteria Reservoir Aeration (Funding Year 1 of 5)**		
Project Number		Account Number	1775
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ -	$ -	$ -
FY25	**$ 80,000**	**$ -**	**$ 80,000**
FY26 and Future	$ 320,000		$ 320,000
Total Project Costs	$ 400,000	$ -	$ 400,000

Item is:

	New
X	Replacement
	Repair

Description of Project	Installation of an aeration system in Carpinteria Reservoir to mitigate the disinfection byproducts in the reservoir. The levels of total trihalomethanes (TTHM) is increasing which requires that we stay ahead of the issue to avoid being in violation of the maximum contaminant level (MCL) for TTHM.

Why This Project Is Needed	The levels of TTHM is increasing which requires that we stay ahead of the issue to avoid being in violation of the MCL for TTHM.

Consequences Of Not Funding This Project	Continued rise in TTHM levels in the reservoir and eventual violation from Division of Drinking Water not to mention the public perception.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**Padaro Lane Main Line Upgrade (Funding Year 1 of 10)**		
Project Number		Account Number	1710
Category	Reliability	Department	Engineering
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ -	$ -	$ -
FY25	**$ 150,000**	**$ -**	**$ 150,000**
FY26 and Future	$ 1,350,000		$ 1,350,000
Total Project Costs	$ 1,500,000	$ -	$ 1,500,000

Item is: X New / Replacement / Repair

Description of Project	The replacement of the water main on Padaro Lane will help with the fire flow requirements. Currently the system is meeting the minimum requirement but the main is only 4 inch in Padaro Lane. An 8 inch main would supply the area with sufficient fire flow volume. It will take 10 years to collect the funding for the project. During the 10 year funding, work on half of the system could possible start at year 6.
Why This Project Is Needed	The main is aging and the District had to modify the Distribution system to meet the minimum fire flow as required for the State fire code.
Consequences Of Not Funding This Project	Possible litigations by customers on system just meeting the flow requirements.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**Foothill Reservoir Piping Rehab**		
Project Number		Account Number	1775
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ -	$ -	$ -
FY25	**$ 80,000**	**$ -**	**$ 80,000**
FY26 and Future	$ -		$ -
Total Project Costs	$ 80,000	$ -	$ 80,000

Item is:
- ( ) New
- (X) Replacement
- ( ) Repair

Description of Project	Sandblast and re-coat the inlet, outlet & overflow piping inside Foothill Reservoir.
Why This Project Is Needed	The reservoir was installed in 2005/2006, the piping has been in constant use and the coating has failed in many areas allowing for the formation of tuburcles on the piping. This has lead to corrosion of the pipe and loss of pipe wall thickness. This project will provide the necessary preparation and coating of the piping to extend its life another 15-20 years.
Consequences Of Not Funding This Project	Continued corrosion and eventual failure of the piping requiring replacement at a significantly higher cost.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**Hydrant Guard Installation - All Hydrants**		
Project Number		Account Number	1720
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	Contractor
			I In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ -	$ -	$ -
FY25	**$ 50,000**	**$ -**	**$ 50,000**
FY26 and Future	$ -		$ -
Total Project Costs	$ 50,000	$ -	$ 50,000

Item is:

X New

Replacement

Repair

Description of Project	Install hydrant check valves on our most vulnerable hydrants.
Why This Project Is Needed	Reduce water loss when a hydrant is hit and to meet water loss compliance standards for our annual water loss reporting.
Consequences Of Not Funding This Project	We do not reduce water loss and do not comply with this part of our water loss compliance.

Fiscal Year 2024-25 Capital Expenditure over $10,000

Brief Description:	**IT Upgrades**				
Project Number	P72		Account Number	1740	
Category	Business Reliability		Department	Business	
Schedule	Ongoing		Work performed by:	X	Contractor
				X	In-House
Funding Source	Water Rates Funded	X	Alternate Funding		

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ 50,000	$ -	$ 50,000
FY25	**$ 50,000**	**$ -**	**$ 50,000**
FY26 and Future	$ 50,000		$ 50,000
Total Project Costs	ONGOING	ONGOING	ONGOING

Item is:

X	New
X	Replacement
	Repair

Description of Project	The IT infrastructure is continuing to expand as we implement additional automations in all departments. IT infrastructure hardening is also an ongoing process.

Why This Project Is Needed	Cybercrime is increasing at a rapid rate and the District needs to adhere to recommended guidelines to both prevent as many attacks as possible and to recover from attacks as effectively as possible.

Consequences Of Not Funding This Project	We will be operating outside of recommended norms, more vulnerable to cyber attacks and less prepared for reacting to them. Cyberattacks on the water system infrastructure could cause a myriad of problems to our distribution and treatment systems.

FY 25/26

CARPINTERIA VALLEY WATER DISTRICT
FISCAL YEAR 2025-2026
CAPITAL BUDGET - PROPOSED

RATE FUNDED CAPITAL EXPENDITURES

Project Description / Category	GL Acct #	Department	I=In-house C=Contract	FY 25-26 Budget
Water Rates Funded				
Infrastructure				
Infrastructure Maintenance *	1710	Operations	I	250,000
Gobernador Pressure System (Year 3 of 5)	1775	Engineering	C	100,000
Parking Lot Rehab (Year 2 of 5)	1770	Operations	C	50,000
Walnut Services Replacement	1710	Engineering	C	90,000
Reliability				
Pipeline Inspection (Year 2 of 5)	1710	Engineering	C	50,000
No-Discharge Flushing (Year 3 of 5)	1710	Engineering	C	30,000
Carpinteria Reservoir Aeration (Year 2 of 5)	1775	Operations	C	80,000
Main Line Upgrade - Padaro Lane (Year 2 of 10)	1710	Engineering	C	150,000
Shepard Mesa PLC Replacement	1705	Operations	C	50,000
Slough Crossing Removal (Year 1 of 2)	1710	Engineering	C	90,000
Safety				-
Business Reliability/ Efficiency				
IT Upgrades	1740	Business	I, C	50,000
CAPP Consumables **NEW**				436,111
Subtotal, Water Rates Funded				1,426,111
CIP Rate Funded				
Cater Treatment Plant - Capital Expenditures	1650	Funded by CIP Charges		100,000
Subtotal, CIP Funded				1,526,111
FY 24-25 Capital Project Funds Released and Available - ESTIMATED				-
Total FY 25/26 Rates Funded Capital Projects, Net of Released Prior Year Funds				**1,526,111**

* Ongoing upgrades and replacements of existing transmission and distribution equipment and lines. Projects formerly referred to as Water Distribution Replacement, Valve Exercise & Replacement, End Drain Replacement, Water Service Replacement and T Branch Removal.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**Replacement of Transmission & Distribution Systems**				
Project Number	A85,A88,A96,B25,B26		Account Number	1710	
Category	Infrastructure		Department	Operations	
Schedule	Ongoing		Work performed by:		Contractor
				X	In-House
Funding Source	Water Rates Funded	X	Alternate Funding		

	BUDGET	DROUGHT	TOTAL	Item is:	
FY25 and Past	$ 240,000		$ 240,000		New
FY26	**$ 250,000**		**$ 250,000**	X	Replacement
FY27 and Future	$ 260,000		$ 260,000	X	Repair
Total Project Costs	ONGOING	ONGOING	ONGOING		

Description of Project	Water Distribution Replacement, Water Service Replacement, T-Branch Removal, Valve Replacement & End Drain Replacement and Service Meter Replacements.
Why This Project Is Needed	Ongoing repair and replacement of aging water transmission, distribution and treatment systems required to maintain infrastructure reliability.
Consequences Of Not Funding This Project	Unpredictable system component failures will happen due to age of system. If repairs are not made, water quality, fire protection and reliability of delivery will be compromised.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**Gobernador Pressure System (Funding Year 3 of 5)**		
Project Number		Account Number	1775
Category	Infrastructure	Department	Engineering
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY25 and Past	$ 200,000	$ -	$ 200,000
FY26	**$ 100,000**	**$ -**	**$ 100,000**
FY27 and Future	$ 200,000		$ 200,000
Total Project Costs	$ 500,000	$ -	$ 500,000

Item is:

X	New
X	Replacement
	Repair

Description of Project	Construct pressure system to supply section of meters near Gobernador reservoir with required pressure at the meter. The project will involve a new pressure zone for the accounts, design and construction of system, building to house the pumps and controls. Goal is collect 5 years of funding at $100K each year as fund the project.

Why This Project Is Needed	District is serving customer at below the state required 20 psi at the meter.

Consequences Of Not Funding This Project	Violation of state requirements for pressure at customer meter.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**Parking Lot Rehabilitation (Funding Year 2 of 5)**		
Project Number		Account Number	1770
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY24 and Past	$ 50,000	$ -	$ 50,000
FY25	**$ 50,000**	**$ -**	**$ 50,000**
FY26 and Future	$ 150,000		$ 150,000
Total Project Costs	$ 250,000	$ -	$ 250,000

Item is:

	New
X	Replacement
	Repair

Description of Project	Resurface Maintenance Yard parking lot.
Why This Project Is Needed	The parking lot is badly cracked and much of it is more like gravel than asphalt. Traffic, weather and age have caused the parking lot to continue to fail. The constant gravel like surface is a safety issue that will eventually lead to a slip and fall injury, sweeping only exacerbates the problem.
Consequences Of Not Funding This Project	Not repairing the parking lot will lead to continues failure and eventually cause large chunks to lift out.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**Walnut Lane Service Replacement**		
Project Number		Account Number	1710
Category	Infrastructure	Department	Engineering
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY25 and Past	$ -	$ -	$ -
FY26	**$ 90,000**	**$ -**	**$ 90,000**
FY27 and Future	**$ -**		**$ -**
Total Project Costs	$ 90,000	$ -	$ 90,000

Item is:
- New
- Replacement
- Repair

Description of Project	Complete the installation of services on Walnut Lane after the installation of the main in Walnut. This has been an ongoing project and the service would be the last part of the project.
Why This Project Is Needed	The main in Walnut is what is referred to as simplecx or ACP pipe. The draw back is the ACP pipe is very thinned walled. Additionally the water main is very shallow and has been hit in the past by contractors, causing service interruption to customers.
Consequences Of Not Funding This Project	The age of the main and concerns of damage. Plus the District has completed two thirds of Walnut Lane and this is the last section.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description: **Pipeline Inspection (Funding Year 2 of 5)**

Project Number: P68 | Account Number: 1710

Category: Reliability | Department: Engineering

Schedule: One-time | Work performed by: X Contractor / In-House

Funding Source: Water Rates Funded X | Alternate Funding:

	BUDGET	DROUGHT	TOTAL
FY25 and Past	$ 50,000	$ -	$ 50,000
FY26	**$ 50,000**	**$ -**	**$ 50,000**
FY27 and Future	$ 150,000		$ 150,000
Total Project Costs	$ 250,000	$ -	$ 250,000

Item is: X New / Replacement / Repair

Description of Project	Project allows the District to inspect the pipes with inserted video camera into the main. This will better allow staff to access the condition of the pipe and the lifespan. As to compared to relying on the factor of just the age of the pipe. Additionally the videoing of the mains can note leaks in the pipe. Which will benefit our water loss percentage.
Why This Project Is Needed	Assess the condition of our mainlines. This project will allow us to assess and plan for necessary upgrades to our distribution system, allows us to find repair leaks early, and allows us to remove sections in poor condition without having to wait for leaks to surface. It will also help us to meet upcoming water loss compliance requirements.
Consequences Of Not Funding This Project	Unseen and unaccounted for water loss increases, repairs become part of an emergency response instead of a planned project.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**No Discharge Flushing (Funding Year 4 of 5)**		
Project Number	P68	Account Number	1710
Category	Reliability	Department	Engineering
Schedule	One-time	Work performed by:	Contractor
		X	In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY25 and Past	$ 78,000	$ -	$ 78,000
FY26	**$ 30,000**	**$ -**	**$ 30,000**
FY27 and Future	$ 60,000		$ 60,000
Total Project Costs	$ 168,000	$ -	$ 168,000

Item is:

	New
	Replacement
X	Repair

Description of Project	To flush 5-7 miles of distribution system with no waste of water. NO-DES stands for Neutral Output Discharge Elimination System. Instead of flushing water out of Hydrants and running water to waste the NO-DES process utilizes a trailer mounted pumping, filtering and re-chlorinating system which circulates the water within the water distribution system.

Why This Project Is Needed	The District has not flushed in over 8 years. Could result in taste and odor issues along with possible dirty water complaints

Consequences Of Not Funding This Project	Possible water complaints and warning from DHS for not flushing system on annual basis.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**Carpinteria Reservoir Aeration (Funding Year 2 of 5)**		
Project Number		Account Number	1775
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY25 and Past	$ 80,000	$ -	$ 80,000
FY26	**$ 80,000**	**$ -**	**$ 80,000**
FY27 and Future	$ 240,000		$ 240,000
Total Project Costs	$ 400,000	$ -	$ 400,000

Item is:

	New
X	Replacement
	Repair

Description of Project	Installation of an aeration system in Carpinteria Reservoir to mitigate the disinfection byproducts in the reservoir. The levels of total trihalomethanes (TTHM) is increasing which requires that we stay ahead of the issue to avoid being in violation of the maximum contaminant level (MCL) for TTHM.
Why This Project Is Needed	The levels of TTHM are increasing which requires that we stay ahead of the issue to avoid being in violation of the MCL for TTHM.
Consequences Of Not Funding This Project	Continued rise in TTHM levels in the reservoir and eventual violation from Division of Drinking Water not to mention the public perception.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**Padaro Lane Main Line Upgrade (Funding Year 2 of 10)**		
Project Number		Account Number	1710
Category	Reliability	Department	Engineering
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY25 and Past	$ 150,000	$ -	$ 150,000
FY26	**$ 150,000**	**$ -**	**$ 150,000**
FY27 and Future	$ 1,200,000		$ 1,200,000
Total Project Costs	$ 1,500,000	$ -	$ 1,500,000

Item is:

X	New
	Replacement
	Repair

Description of Project	The replacement of the water main on Padaro Lane will help with the fire flow requirements. Currently the system is meeting the minimum requirement but the main is only 4 inch in Padaro Lane. An 8 inch main would supply the area with sufficient fire flow volume. It will take 10 years to collect the funding for the project. During the 10 year funding, possibly half of the system could be completed starting at year 6.
Why This Project Is Needed	The main is aging and the District had to modify the Distribution system to meet the minimum fire flow as required for the State fire code.
Consequences Of Not Funding This Project	Possible litigations by customers on system just meeting the flow requirements.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**Shepard Mesa PCL Replacement**		
Project Number		Account Number	1705
Category	Reliability	Department	Operations
Schedule	One-time	Work performed by:	X Contractor / In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY25 and Past	$ -	$ -	$ -
FY26	**$ 50,000**	**$ -**	**$ 50,000**
FY27 and Future	$ -		$ -
Total Project Costs	$ 50,000	$ -	$ 50,000

Item is:

	New
X	Replacement
	Repair

Description of Project	Upgrade components of the Shepard Mesa Pump Station communications system including: *the Programmable Logic Controller (PLC): the system controller which also handles the cellular communications with the District main facility *the Input-Output or I/O which transfers data between the PLC and various controls and alarms which are used to view and control the facility remotely.
Why This Project Is Needed	The current hardware and associated programming is no longer supported and parts are no longer available from the manufacturer.
Consequences Of Not Funding This Project	Existing unsupported hardware creates a security issue and a reliability issue due to unexpected failure. In the event of a failure, parts are no longer available to repair and return to service which will cause a loss of control and operability at the facility putting at risk our ability to pump water.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**Slough Crossing Removal (Funding Year 1 of 2)**		
Project Number		Account Number	1710
Category	Reliability	Department	Engineering
Schedule	One-time	Work performed by:	X Contractor
			In-House
Funding Source	Water Rates Funded X	Alternate Funding	

	BUDGET	DROUGHT	TOTAL
FY25 and Past	$ -	$ -	$ -
FY26	**$ 90,000**	**$ -**	**$ 90,000**
FY27 and Future	$ 90,000		$ 90,000
Total Project Costs	$ 180,000	$ -	$ 180,000

Item is:

	New
	Replacement
X	Removal

Description of Project	Remove the existing main the crosses the mouth of the slough. The pipe has been taken out of service for about 10 years. The is potential hazard with the erosion at the mouth of the slough.

Why This Project Is Needed	The pipe becomes exposed during certain times of the year and could be noted as an obstruction at the mouth of the slough.

Consequences Of Not Funding This Project	Worry about it getting washed away which could cause damage to the system at the sensitive environment location. Plus the main was installed in the middle 50's by the Bureau and is starting to show rusting.

Fiscal Year 2025-26 Capital Expenditure over $10,000

Brief Description:	**IT Upgrades**				
Project Number	P72		Account Number	1740	
Category	Business Reliability		Department	Business	
Schedule	Ongoing		Work performed by:	X	Contractor
				X	In-House
Funding Source	Water Rates Funded	X	Alternate Funding		

	BUDGET	DROUGHT	TOTAL
FY25 and Past	$ 50,000	$ -	$ 50,000
FY26	**$ 50,000**	**$ -**	**$ 50,000**
FY27 and Future	$ 60,000		$ 60,000
Total Project Costs	ONGOING	ONGOING	ONGOING

Item is:	
X	New
X	Replacement
	Repair

Description of Project	The IT infrastructure is continuing to expand as we implement additional automations in all departments. IT infrastructure hardening is also an ongoing process.
Why This Project Is Needed	Cybercrime is increasing at a rapid rate and the District needs to adhere to recommended guidelines to both prevent as many attacks as possible and to recover from attacks as effectively as possible.
Consequences Of Not Funding This Project	We will be operating outside of recommended norms, more vulnerable to cyber attacks and less prepared for reacting to them. Cyberattacks on the water system infrastructure could cause a myriad of problems to our distribution and treatment systems.

CARPINTERIA VALLEY WATER DISTRICT

Water Cost of Service and Rate Study

Draft Report / July 27, 2023

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RAFTELIS

July 27, 2023

Mr. Robert T. McDonald
General Manager
Carpinteria Valley Water District
1301 Santa Ynez Ave.
Carpinteria, CA 93013

Subject: Water Cost of Service and Rate Study Report

Dear Mr. McDonald,

Raftelis is pleased to provide this Water Cost of Service and Rate Study Report to the Carpinteria Valley Water District. This report presents the analyses, rationale, and methodologies utilized in the study to determine three years of cost of service-based water rates that align with the requirements of California Constitution Article XIII D, Section 6 (commonly referred to as Proposition 218).

The study involved development of a 10-year financial plan, a comprehensive review of the District's current rate structures and cost requirements, a cost of service analysis to fairly and equitably allocate costs, and a rate design process to determine water rates that are cost-justified and in line with the District's policy objectives and California rate setting requirements.

The primary objectives of the study include:

- Developing a long-range financial plan to inform three years of rate adoption
- Adequately recover all cost requirements to maintain the District's financial sufficiency for current and future costs
- Fairly and equitably allocate costs between customer classes
- Minimize rate impacts to customers where possible
- Develop alternative rate structure components that are defensible, improve customer understanding, and provide revenue stability to the District
- Develop drought rates to implement during water shortage stages that will recover any lost revenues or additional expenses incurred during shortage, while encouraging water conservation

We are confident that the proposed rates developing within this study are fair and equitable to the District's water customers. It has been a pleasure working with you and we wish to express gratitude for the support you, other District staff, and the Board of Directors provided to us during the study.

Sincerely,

Raftelis Financial Consultants, Inc.

Kevin Kostiuk
Senior Manager

Lindsay Roth
Consultant

445 S. Figueroa Street, Suite 2270
Los Angeles, CA 90071
www.raftelis.com

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1. Executive Summary

Study Background

Carpinteria Valley Water District (District) engaged Raftelis in 2022 to complete a multi-year Water Cost of Service and Rate Study (Study). The study consists of reviewing the District's annual operating and capital budget requirements; developing an Excel-based financial plan model to determine revenue needs based on current and future costs, current revenues from existing rates, financial policies, and cash reserve balances; developing a cost of service analysis to allocate costs to water system functions and the District's unique customer and rate classes; and designing and calculating water rates.

The Study relies upon data across multiple fiscal years and historical consumption data. The rates presented in this Rate Study Report (Report) are proposed for adoption and implementation for fiscal years (FY) 2023-24 through FY 2025-26. The Distrct's fiscal year begins on July 1 and ends on June 30 of the next year. For example, FY 2023 begins July 1, 2022 and ends June 30, 2023. The proposed rates, if adopted, would be implemented for the next three years.

Raftelis collaborated closely with the District's staff and Board of Directors to design and derive rates that meet the District's policy objectives. The primary objectives of the study include:

- Developing a long-range financial plan to inform three years of rate adoption
- Adequately recover all cost requirements to maintain the District's financial sufficiency for current and future costs
- Fairly and equitably allocate costs between customer classes
- Minimize rate impacts to customers where possible
- Develop alternative rate structure components that are defensible, improve customer understanding, and provide revenue stability to the District
- Develop drought rates to implement during water shortage stages that will recover any lost revenues or additional expenses incurred during shortage, while encouraging water conservation

District Background

The Carpinteria Valley Water District provides water service to a population of approximately 15,600 people. The District's service area encompasses approximately 11,300 acres and is bordered by the Pacific Ocean to the south and by the Santa Ynez Mountains to the north. Residential, commercial, industrial, public authority, and agricultural customers are served by 75 miles of pipeline in the water system. The District's three main water sources are the Cachuma Project (Cachuma Lake), local groundwater from the Carpinteria Groundwater Basin (Basin), and the State Water Project (SWP) via the District's wholesale purveyor Central Coast Water Authority (CCWA). The Cater Treatment Plant (Cater) treats Cachuma and SWP water under a Joint Powers Agreement with the City of Santa Barbara and Montecito Water District.

The Cachuma Project is the District's main water supply source, providing approximately 45% of the District's water supply during normal conditions. On average, the District pumps 1,000 acre-feet (AF) each year of groundwater from the Basin. The remainder of the Basin's annual production of 3,600 AF is pumped by agricultural users. The District has a contract entitlement to 876 AF per year of water from the SWP. An additional 200 AF per year is also available from the SWP to act as a buffer in times of drought. A new future source of of water supply via the Carpinteria Advanced Purification Project (CAPP) will supply an additional 1,000 AF per year beginning in FY 2025-26.

Current Rates

The District's existing water rate structure consists of the following components:

1. Monthly Basic and SWP Service Charge
    - For non-Master Metered Residential (MMR) connections, the charge is based on meter size.
    - For MMR connections the charge is based on meter size for the basic service component and per dwelling unit equivalency (DEQ) for the SWP component.
2. Monthly Agricultural Operations and Maintenance (O&M) Service Charge[1] – for all Agricultural class customers, based on meter size. Recovers costs that non-Agricultural customers pay through the Capital Improvement Program (CIP) Charge (see #4 for note regarding Agricultural residences).
3. Monthly Fire Service Charge – for all customers with private fire suppression systems, based on fire line size.
4. Monthly CIP Charge– for all non-Agricultural customers, charge is based on a five-year rolling average of water use with a minimum charge of 6 hundred cubic feet (hcf[2]) per month and a maximum of 250 hcf. Agricultural residences (REQ) are charged assuming 9 hcf of water use per month.
5. Water Use Rates – for all customers, per hcf of usage, customer class, and tier.
    - Single Family Residential (SFR) and Master-Metered Residential (MMR) – three tier rate structure
        - Tier 1 – first 6 hcf of water use
        - Tier 2 – next 10 hcf of water use
        - Tier 3 – any water use above 16 hcf
    - Commercial, Industrial, & Public Authority (sometimes abbreviated herein as Com/Ind/Pub for brevity) – two tier Base/Peak rate structure
        - Base = 5-year average Dec. to March water consumption by acct/dwelling unit; 6 hcf minimum.
        - Peak = all consumption in excess of Base.
    - Agricultural/Irrigation (sometimes simply Agriculture or Agricultural) – uniform rate for all consumption
        - Monthly Residential Equivalency Charge (REQ) for all residential dwelling units served on an Agricultural connection.
    - Elevation surcharges – uniform usage rate for water delivered in the District's two elevation zones (Zone 1 and Zone II) above the Base zone.

Legal Framework[3]

The rate-making process, especially for water agencies in California, begins with a review of the legal requirements and framework currently in place. The major legal requirements include Proposition 218 and Article X, Section 2 of the California Constitution, which are outlined in the following sections.

California Constitution – Article XIII D, Section 6 (Proposition 218)

Proposition 218 was enacted by voters in 1996 to ensure, in part, that fees and charges imposed for ongoing delivery of a service to a property ("property-related fees and charges") are proportional to, and do not exceed, the cost of providing service. Water service fees and charges are property-related and subject to the provisions of Proposition 218. The principal requirements, as they relate to public water service fees and charges, are as follows:

1. Revenues derived from a property-related charge imposed by a public agency shall not exceed the costs required to provide the property-related service.

[1] May be shown herein as "Ag O&M Charge" for brevity.
[2] One hcf is equal to a billing unit of water and is approximately 748 gallons of water
[3] Raftelis does not practice law nor does it provide legal advice. The above discussion provides a general overview of Raftelis' understanding as rate practitioners and is labeled "legal framework" for literary convenience only. The District should consult with its legal counsel for clarification and/or specific guidance.

2. Revenues derived by the fee or charge shall not be used for any purpose other than that for which the fee or charge was imposed.
3. The amount of the fee or charge imposed upon any parcel shall not exceed the proportional cost of service attributable to the parcel.
4. No fee or charge may be imposed for a service unless that service is actually used or immediately available to the owner of property.
5. A written notice of the proposed fee or charge shall be mailed to the record owner of each parcel not less than 45 days prior to a public hearing, when the agency considers all written protests against the charge.

As stated in the American Water Works Association's Manual of Water Supply Practices M1, *Principles of Water Rates, Fees, and Charges, Seventh Edition* (M1 Manual), "water rates and charges should be recovered from classes of customers in proportion to the cost of serving those customers." Proposition 218 requires that water rates cannot be "arbitrary and capricious," meaning that the rate-setting methodology must establish a clear nexus between costs and the rates charged.

California Constitution – Article X, Section 2

Article X, Section 2 of the California Constitution was established in 1976 and states the following:

"It is hereby declared that because of the conditions prevailing in this State the general welfare requires that the water resources of the State be put to beneficial use to the fullest extent of which they are capable, and that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of such waters is to be exercised with a view to the reasonable and beneficial use thereof in the interest of the people and for the public welfare."

Article X, Section 2 of the California Constitution institutes the need to preserve the State's water supplies and to discourage the wasteful or unreasonable use of water by encouraging conservation. As such, public agencies are constitutionally mandated to maximize the beneficial use of water, prevent waste, and encourage conservation.

Process and Approach

The process and approach Raftelis utilized in the study is informed by the District's policy objectives, the water system, current rates, and the legal requirements in California (namely, Proposition 218). The resulting cost of service analysis and rate design process considers all these factors and follows four key steps, outlined below, to derive proposed rates that fulfill the District's policy objectives, meets industry standards, and aligns with Proposition 218.

Step 1: Financial Plan and Revenue Requirement

A multi-year rate-making process begins by developing a long-range financial plan. The financial plan relies on the District's proposed three-year budget of revenues, operating and capital expenditures, customer account and usage data, long-term capital improvement plan (CIP), and debt repayment schedules to produce a long term cash flow projection. This financial plan is used in determining the revenue requirement for the base year, also known as the rate-setting year. The base year for this study is FY 2024 (July 1, 2023 to June 30, 2024). The revenue requirement should sufficiently fund the utility's operation and maintenance (O&M) costs, annual debt service, capital project expenses, and reserve funding as projected in the District's budgets.

Step 2: Cost of Service Analysis

The annual cost of providing water service, or the revenue requirement, is then distributed among customer classes commensurate with their use of and burden on the system. A cost of service analysis involves the following steps:

1. Functionalize costs – the O&M expense budget is categorized into functions such as supply, treatment, pumping, transmission and distribution (T&D), etc.

2. Allocate to cost components – the functionalized costs are then allocated to system cost components such as supply, base delivery, peaking, conservation, etc.
3. Develop unit costs – unit costs for each cost component are determined using appropriate units of service for each.
4. Distribute cost components – the cost components are allocated to each customer class using the unit costs in proportion to their demand and burden on the system.

A cost of service analysis considers both the average water demand and peak demand. Peaking costs[4] are incurred during maximum periods of consumption, most often coinciding with summertime irrigation usage. There are additional capacity-related[5] costs associated with designing, constructing, operating, maintaining, and replacing and refurbishing facilities to meet peak demand. These peaking costs must be allocated to the customer classes whose water demand patterns generate additional costs for the utility, proportionate to their burden on the peaking-related facilities.

Step 3: Rate Design and Calculation

After allocating the revenue requirement to each water system component and corresponding customer classes, the rate design and calculation process can begin. Rates do more than simply recover costs; within the legal framework and industry standards, properly designed rates should support the District's policy objectives, while adhering to cost of service principles. Rates are not only a financial instrument but act as a public information tool in communicating policy objectives to customers. The rate design process also includes a rate impact analysis and sample customer bill impact analysis.

Step 4: Administrative Record Preparation and Rate Adoption

The final step in a cost of service and rate study is to develop the administrative record in preparation for the rate adoption process. The administrative record, also known as the study report, documents the rate study results and presents the methodologies, rationale, justifications, and calculations utilized to derive the proposed rates. A thorough and methodical administrative record serves two important functions: maintaining defensibility in a litigious environment and communicating the rate adoption process to customers and important stakeholders.

[4] Collectively, maximum day and maximum hour costs are known as peaking costs.
[5] System capacity is the system's ability to supply water to all delivery points at the time when demanded. The time of greatest demand is known as peak demand. Both the operating and capital costs incurred to accommodate peak flows are generally allocated to each customer class based upon the relative demand during the peak day and peak hour event.

Results and Recommendations

The results and recommendations that Raftelis developed during the Study, in collaboration with District staff and the Board of Directors, include the following:

- Adopt three years of rates that recover 7.5 percent more revenue, each year, relative to current rate revenues in order to sustainably fund the District's current and future finances
- Adopt three years of drought surcharges to be used in future water shortages, if warranted based on supply conditions and any mandatory conservation
- Modify the monthly SWP fixed charge for Hospitality (hotels/motels) customer accounts to be based on a ratio of average water use per unit between Hospitality and SFR customers; this is a similar approach to that currently used for Multi-Family Residential (MFR)
- Decrease the minimum volume for the CIP charge to 4 hundred cubic feet (hcf) for Municipal and Institutional (M&I) customers

Proposed Rates

The proposed rates for FY 2024, the rate-setting year, is a result of the cost of service analysis developed during the Study and the recommendations summarized immediately above. **Table 1-1** shows the proposed monthly meter-based service charges for FY 2024 compared to current charges. Also included are the individual cost components. The proposed charges include an adjusted SWP charge for Hospitality customers, which is calculated based on the ratio of average water use between Hospitality units and SFR customers. Hospitality accounts will still be charged the basic service charge based on meter size.

Table 1-1: Proposed Monthly Service Charges

	Current FY 2023			Proposed FY 2024			Difference
Meter Size	Basic	SWP	Total	Basic	SWP	Total	($)
3/4"	$9.61	$32.42	$42.03	$9.58	$33.82	**$43.40**	$1.37
1"	$13.35	$54.02	$67.37	$12.88	$56.37	**$69.25**	$1.88
1 1/2"	$22.68	$108.04	$130.72	$21.14	$112.73	**$133.87**	$3.15
2"	$33.87	$172.87	$206.74	$31.05	$180.36	**$211.41**	$4.67
3"	$69.32	$378.16	$447.48	$62.44	$394.53	**$456.97**	$9.49
4"	$121.57	$680.68	$802.25	$108.70	$710.14	**$818.84**	$16.59
6"	$246.59	$1,404.58	$1,651.17	$219.40	$1,465.37	**$1,684.77**	$33.60
MFR – Individual	$9.61	$15.67	$25.28	$9.58	$15.76	**$25.34**	$0.06
MFR – MMR (per DU)	Depends on meter size	$15.67		Depends on meter size	$15.76		
Hospitality (per Unit)	Depends on meter size			Depends on meter size	$8.59		

Table 1-2 shows the proposed FY 2024 monthly Agricultural O&M Charges. These charge recover Agricultural connections' share of annual, capital-related costs.

Table 1-2: Proposed Monthly Agricultural O&M Service Charge

Meter Size	Current FY 2023	Proposed FY 2024	Difference ($)
3/4"	$40.54	**$42.32**	$1.78
1"	$67.56	**$70.53**	$2.97
1 1/2"	$135.11	**$141.05**	$5.94

2"	$216.18	**$225.68**	$9.50
3"	$472.88	**$493.66**	$20.78
4"	$851.18	**$888.58**	$37.40
6"	$1,756.41	**$1,833.58**	$77.17

Table 1-3 shows the proposed FY 2024 monthly private fire service charges.

Table 1-3: Proposed Monthly Private Fire Service Charges

Meter Size	Current FY 2023	Proposed FY 2024	Difference ($)
2"	$15.32	**$12.15**	($3.17)
3"	$36.85	**$26.48**	($10.37)
4"	$73.99	**$51.21**	($22.78)
6"	$207.27	**$139.97**	($67.30)
8"	$437.16	**$293.05**	($144.11)
10"	$782.97	**$523.32**	($259.65)

Table 1-4 shows the proposed FY 2024 CIP rate for the M&I classes. The proposed rates decrease the minimum charge from 6 hcf per month to 4 hcf per month.

Table 1-4: Proposed Monthly CIP Charge

Current FY 2023		Proposed FY 2024		Difference ($)
Rate ($/hcf)	$4.63	Rate ($/hcf)	**$5.58**	$0.95
Minimum (6 hcf)	$27.78	Minimum (4 hcf)	**$22.32**	($5.46)
Maximum (250 hcf)	$1,157.50	Maximum (250 hcf)	**$1,395.00**	$237.50

Table 1-5 shows the District's proposed FY 2024 water use rates, by class, tier, and pressure zone. The rate structures and tier thresholds for all customer classes remain the same.

Table 1-5: Proposed Water Use Rates

	Current FY 2023			Proposed FY 2024			
	Base	Pressure Zone I	Pressure Zone II	Base	Pressure Zone I	Pressure Zone II	Difference ($)
Residential							
Tier 1	$3.26	$3.50	$3.75	$4.48	$4.81	$5.14	$1.22
Tier 2	$4.93	$5.17	$5.42	$4.66	$4.99	$5.32	($0.27)
Tier 3	$5.67	$5.91	$6.16	$5.50	$5.83	$6.16	($0.16)
Com/Ind/Pub							
Base	$3.76	$4.00	$4.25	$4.50	$4.83	$5.16	$0.74
Peak	$6.06	$6.30	$6.55	$5.44	$5.77	$6.10	($0.29)
Agriculture	$2.02	$2.26	$2.51	$2.13	$2.46	$2.79	$0.11
Temporary	$4.09	$4.33	$4.58	$4.73	$5.06	$5.39	$0.64
Ag REQ Charge ($/month)	$17.24			$22.50			$5.26

Proposed Rate Schedule

Table 1-6 through **Table 1-13** show the proposed rate schedules for all rates from FY 2024 through FY 2026.

Table 1-6: Proposed Basic Service Charge Schedule

Basic Service Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
3/4"	$9.61	$9.58	$10.30	$11.08
1"	$13.35	$12.88	$13.85	$14.89
1 1/2"	$22.68	$21.14	$22.73	$24.44
2"	$33.87	$31.05	$33.38	$35.89
3"	$69.32	$62.44	$67.13	$72.17
4"	$121.57	$108.70	$116.86	$125.63
6"	$246.59	$219.40	$235.86	$253.55

Table 1-7: Proposed State Water Project Service Charge Schedule

SWP Service Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
3/4"	$32.42	$33.82	$36.36	$39.09
1"	$54.02	$56.37	$60.60	$65.15
1 1/2"	$108.04	$112.73	$121.19	$130.28
2"	$172.87	$180.36	$193.89	$208.44
3"	$378.16	$394.53	$424.12	$455.93
4"	$680.68	$710.14	$763.41	$820.67
6"	$1,404.58	$1,465.37	$1,575.28	$1,693.43
MFR - Individual	$15.67	$15.76	$16.95	$18.23
MFR - MMR (per dwelling unit)	$15.67	$15.76	$16.95	$18.23
Hospitality		$8.59	$9.24	$9.94

Table 1-8: Proposed Fire Service Charge Schedule

Fire Service Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
2"	$15.32	$12.15	$13.07	$14.06
3"	$36.85	$26.48	$28.47	$30.61
4"	$73.99	$51.21	$55.06	$59.19
6"	$207.27	$139.97	$150.47	$161.76
8"	$437.16	$293.05	$315.03	$338.66
10"	$782.97	$523.32	$562.57	$604.77

Table 1-9: Proposed Water Use Rates Schedule

Consumption Charges	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
Residential				
Tier 1	$3.26	$4.48	$4.82	$5.19
Tier 2	$4.93	$4.66	$5.01	$5.39
Tier 3	$5.67	$5.50	$5.92	$6.37
Com/Ind/Pub				
Tier 1	$3.76	$4.50	$4.84	$5.21
Tier 2	$6.06	$5.44	$5.85	$6.29
Temporary	$3.76	$4.73	$5.09	$5.48

Agriculture	$2.02	$2.13	$2.29	$2.47

Table 1-10: Proposed Agriculture REQ Charge Schedule

Agriculture Residential Equivalency Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
Rate per dwelling unit	$17.24	$22.50	$24.19	$26.01

Table 1-11: Proposed M&I CIP Charge Schedule

M&I CIP Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
Rate per hcf	$4.63	$5.58	$6.00	$6.45

Table 1-12: Proposed Agriculture O&M Charge Schedule

Agriculture O&M Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
3/4"	$40.54	$42.32	$45.50	$48.92
1"	$67.56	$70.53	$75.82	$81.51
1 1/2"	$135.11	$141.05	$151.63	$163.01
2"	$216.18	$225.68	$242.61	$260.81
3"	$472.88	$493.66	$530.69	$570.50
4"	$851.18	$888.58	$955.23	$1,026.88
6"	$1,756.41	$1,833.58	$1,971.10	$2,118.94

Table 1-13: Proposed Pressure Zone Charge Schedule

Pressure Zone Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
Pressure Zone I	$0.24	$0.33	$0.36	$0.39
Pressure Zone II	$0.49	$0.66	$0.71	$0.77

Customer Impacts

Table 1-14 shows the monthly bill impacts at various levels of usage for a SFR customer with a 3/4" meter. Almost all SFR connections are 3/4". The median and average SFR bill is 7 hcf and 11 hcf per month, respectively. A median use bill will experience a $15.07 increase to their monthly charges and an average use bill will experience an increase of $17.79 compared to their current charges.

Table 1-14: Monthly Bill Impacts at Various Levels of Usage – Residential, 3/4-inch Meter

Residential Customer Impacts	Water Use (hcf/Month)	Current Monthly Bill	Proposed Monthly Bill	Difference ($)
Very Low Use (15th percentile)	3	$79.59	$79.16	($0.43)
Low Use (30th percentile)	5	$86.11	$93.70	$7.59
Median Use (50th percentile)	7	$98.93	$114.00	$15.07
Average Use	11	$137.17	$154.96	$17.79
High Use (80th percentile)	14	$165.85	$185.68	$19.83
Very High Use (95th percentile)	29	$318.87	$350.20	$31.33

Table 1-15 shows the monthly bill impacts at various levels of usage for Agricultural customers with 2" meters. Most Agricultural connections are 2". The median and average Agricultural bill is 73 hcf and 219 hcf per month, respectively. A median use bill will experience a $22.19 increase to their charges and an average use bill will experience a $38.25 increase compared to their current charges.

Table 1-15: Monthly Bill Impacts at Various Levels of Usage – Agricultural, 2-inch Meter

Agriculture Customer Impacts	Usage (hcf)	Current Monthly Bill	Proposed Monthly Bill	Difference ($)
Very Low Use (15th percentile)	10	$443.12	$458.38	$15.26
Low Use (30th percentile)	33	$489.58	$507.37	$17.79
Median Use (50th percentile)	73	$570.38	$592.57	$22.19
Average Use	219	$865.30	$903.55	$38.25
High Use (80th percentile)	336	$1,101.64	$1,152.76	$51.12
Very High Use (95th percentile)	925	$2,291.42	$2,407.33	$115.91

2. Financial Plan

This section of the report describes the proposed financial plan. To develop the financial plan, Raftelis projects annual revenues and expenses, models reserve balances, projects capital expenditures, and calculates debt service coverage to estimate the amount of additional rate revenue needed each year. Numbers shown in the tables of this section are rounded. Therefore, hand calculations based on the displayed numbers, such as summing or multiplying, may not equal the exact results shown.

Inflationary Assumptions

Inflationary factors are used to escalate the revenue and cost categories across the planning period, which for this study is FY 2024 to FY 2028. The District's most recent adopted revenue and expense budgets are for FY 2024 through FY 2026. Raftelis worked with District staff to escalate individual budget line items according to the appropriate escalation factor. The escalation factors used to project revenues and expenses for the study period are shown in **Table 2-1**. These factors are based on industry indices- such as Engineering News-Record (ENR) Construction Cost Index (CCI) for the capital escalation factor and the long-term Consumer Price Index (CPI) for general inflation- as well as input from District staff. Based on the current heightened inflationary environment, pressures on costs are assumed to decrease in future years towards historical trends.

Table 2-1: Escalation Factors

Escalation Factors	FY 2025	FY 2026	FY 2027	FY 2028
General	5.0%	3.0%	3.0%	3.0%
Salary	3.0%	3.0%	3.0%	3.0%
Benefits	6.0%	6.0%	6.0%	6.0%
Utilities	4.0%	4.0%	4.0%	4.0%
Capital	6.0%	4.0%	4.0%	4.0%
Water Supply	5.0%	4.0%	7.0%	-18.0%
Reserve Interest Rate	1.5%	1.5%	1.5%	1.5%

Current Rates

Table 2-2 shows the Basic component of the District's current monthly service charges. The Basic component is differentiated by meter size.

Table 2-2: Current Monthly Service Charges (Basic Component)

Meter Size	$/Month
3/4"	$9.61
1"	$13.35
1 1/2"	$22.68
2"	$33.87
3"	$69.32
4"	$121.57
6"	$246.59

Table 2-3 shows the SWP component of the District's current monthly service charges. The SWP component is differentiated by meter size for all classes other than Master-Metered Residential (MMR). MMR connections pay the 3/4" rate for each dwelling unit equivalent (DEQ) on the service connection, regardless of meter size.

Table 2-3: Current Monthly Service Charges (SWP Component)

Meter Size	$/Month
3/4"	$32.42
1"	$54.02
1 1/2"	$108.04
2"	$172.87
3"	$378.16
4"	$680.68
6"	$1,404.58
MMR	$15.67

Table 2-4 shows the District's current monthly private fire charges.

Table 2-4: Current Monthly Private Fire Service Charges

Fire Line Size	$/Month
2"	$15.32
3"	$36.85
4"	$73.99
6"	$207.27
8"	$437.16
10"	$782.97

Table 2-5 shows the District's current monthly Agricultural O&M service charge. The Agricultural O&M charge is applied to all metered connections within the Agricultural class, is differentiated by meter size, and recovers those costs which are recovered from M&I customers through the CIP charge.

Table 2-5: Current Monthly Agricultural O&M Service Charge

Meter Size	$/Month
3/4"	$40.54
1"	$67.56
1 1/2"	$135.11
2"	$216.18
3"	$472.88
4"	$851.18
6"	$1,756.41

Table 2-6 shows the District's current monthly CIP charges paid by M&I classes. The CIP charge is a volumetric rate per hcf based on the five year historical use on the connection. While a volumetric rate, the CIP charge is subject to a current minimum of 6 hcf and maximum of 250 hcf monthly. The M&I CIP charge recovers costs which are recovered from Agricultural users through the Agricultural O&M charge.

Table 2-6: Current Monthly CIP Charge and Drought Surcharges ($/hcf)

Current Rates	FY 2021
CIP Charge ($/hcf)	$4.63

Table 2-7 shows the District's current variable water usage rates, by class, tier, and pressure zone. All rates shown are per hcf.

Table 2-7: Current Water Use Rates ($/hcf)

Customer Class	Base	Pressure Zone I	Pressure Zone II
Residential			
Tier 1	$3.26	$3.50	$3.75
Tier 2	$4.93	$5.17	$5.42
Tier 3	$5.67	$5.91	$6.16
Com/Ind/Pub			
Base	$3.76	$4.00	$4.25
Peak	$6.06	$6.30	$6.55
Agriculture	$2.02	$2.26	$2.51
Temporary	$4.09	$4.33	$4.58

Table 2-8 shows the District's current REQ charge. Any Agricultural connection, with one or more residential dwelling unit on the parcel served, pays the REQ charge for each residential unit. This charge captures the differential between the Residential water use rates paid by all other customers requiring treated water and the Agricultural variable rate.

Table 2-8: Current Agricultural REQ Charge ($/Dwelling Unit)

Residential Equivalency Charge	$/Dwelling Unit
Monthly Charge	$17.24

Units of Service

Table 2-9 shows the counts by meter size for the basic service charge component of the monthly service charge. The most common meter size for SFR and Commercial/Industrial/Public Authority connections are 3/4", for Agricultural connections the most common size is 2", and for MMR connections it is 1".

Table 2-9: Counts by Size (for Basic Service Charge)

Meter Size	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
3/4"	3,284	3,394	3,504	3,614	3,724	3,834
1"	411	411	411	411	411	411
1 1/2"	246	246	246	246	246	246
2"	361	361	361	361	361	361
3"	43	43	43	43	43	43
4"	5	5	5	5	5	5
6"	6	6	6	6	6	6
Total	**4,356**	**4,466**	**4,576**	**4,686**	**4,796**	**4,906**

Table 2-10 shows the DEQ counts for Master Metered Residential and Commercial accounts with a 3/4" and more than one unit. The counts for all classes and meter sizes are the same as in **Table 2-9**. MMR connections and 3/4" Commercial connections are charged the DEQ rate for each unit.

Table 2-10: DEQ (for SWP Charge)

DEQs	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
SWP Service Charge - MMR Dwelling Units	3,158	3,258	3,358	3,458	3,558	3,658

SWP Service Charge - Commercial 2+ DU 3/4" Meter	499	499	499	499	499	499

Table 2-11 shows the counts by fire line diameter and class for the private fire service charge. Most fire lines are in the Com/Ind/Pub class are at 4" and 6" diameter.

Table 2-11: Fire Line Counts by Diameter (for Fire Service Charge and SWP Charge)

Fire Line Diameter	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
2"	5	5	5	5	5	5
3"	6	6	6	6	6	6
4"	60	60	60	60	60	60
6"	49	49	49	49	49	49
8"	12	12	12	12	12	12
10"	2	2	2	2	2	2
Total	**134**	**134**	**134**	**134**	**134**	**134**

Table 2-12 shows the counts by meter size for the Agricultural O&M charge. Only Agricultural connections are levied the Agricultural O&M charge.

Table 2-12: Counts by Size (for Agricultural O&M Charge)

Meter Size	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
3/4"	21	21	21	21	21	21
1"	53	53	53	53	53	53
1 1/2"	63	63	63	63	63	63
2"	217	217	217	217	217	217
3"	27	27	27	27	27	27
4"	2	2	2	2	2	2
6"	0	0	0	0	0	0
Total	**383**	**383**	**383**	**383**	**383**	**383**

Table 2-13 shows annual water consumption, in hcf, for each customer class, tier, and pressure zone.

Table 2-13: Water Demand by Class and Pressure Zone

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Base Zone						
Residential						
Tier 1 (6 HCF)	329,564	354,160	378,501	402,591	426,430	450,020
Tier 2 (7-15 HCF)	121,869	125,220	128,535	131,813	135,056	138,263
Tier 3 (>16 HCF)	112,446	119,513	126,506	133,426	140,274	147,050
Commercial/ Industrial/Public Authority						
Base	152,628	151,865	151,105	150,350	149,598	148,850
Peak	55,994	55,714	55,436	55,159	54,883	54,608
Temporary	4,419	4,397	4,375	4,353	4,332	4,310
Agriculture	775,793	771,914	768,054	764,214	760,393	756,591
Pressure Zone I						

Residential						
Tier 1 (6 HCF)	1,693	1,703	1,712	1,722	1,731	1,741
Tier 2 (7-15 HCF)	2,155	2,163	2,171	2,179	2,186	2,194
Tier 3 (>16 HCF)	5,534	5,519	5,504	5,489	5,474	5,459
Commercial/ Industrial/Public Authority						
Base	1,007	1,002	997	992	987	982
Peak	308	306	304	303	301	300
Temporary	0	0	0	0	0	0
Agriculture	134,213	133,542	132,874	132,210	131,549	130,891
Pressure Zone II						
Residential						
Tier 1 (6 HCF)	3,493	3,494	3,494	3,494	3,495	3,495
Tier 2 (7-15 HCF)	4,590	4,581	4,571	4,562	4,552	4,542
Tier 3 (>16 HCF)	9,072	9,027	8,983	8,939	8,895	8,851
Commercial/ Industrial/Public Authority						
Base	0	0	0	0	0	0
Peak	0	0	0	0	0	0
Temporary	0	0	0	0	0	0
Agriculture						

Table 2-14 shows annual water consumption, in hcf, for each customer class that is subject to the uniform, variable CIP charge. Only M&I customer classes pay the variable CIP charge. The current CIP charge recovers capital costs from M&I and treated water users. The term billed units is used in the table as the variable charge is based on historical water use and billed for a minimum of 6 hcf and a maximum of 250 hcf each month.

Table 2-14: Water Units subject to the CIP Charge

Billed Units for CIP Charge	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Residential	657,970	654,680	651,407	648,150	644,909	641,684
Com/Ind/Pub	202,592	201,579	200,571	199,568	198,570	197,578
Temporary	3,500	3,483	3,465	3,448	3,431	3,413
Total	**864,062**	**859,742**	**855,443**	**851,166**	**846,910**	**842,675**

Table 2-15 shows the count of residential dwelling units on connections served by an Agricultural meter. Agricultural customers pay a monthly REQ charge for each dwelling unit on served by an Agricultural connection.

Table 2-15: Meter Counts by Size (Agricultural REQ Charge)

Agricultural REQ DUs	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Residential Equivalency Charge (DUs)	499	499	499	499	499	499

Calculated Revenues Under Current Rates

Table 2-16 through **Table 2-22** calculates the amount of revenue generated by each of the District's individual rate components by multiplying each respective rate by the units of service (**Table 2-2** through **Table 2-15**). The total calculated rate revenue is summarized and compared to budgeted values in the next section.

Table 2-16: Monthly Service Charge - Basic Component Revenue

Meter Size	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Residential	$483,972	$496,657	$509,342	$522,027	$534,712	$547,398
Com/Ind/Pub	$86,788	$86,788	$86,788	$86,788	$86,788	$86,788
Temporary	$6,655	$6,655	$6,655	$6,655	$6,655	$6,655
Agriculture	$141,633	$141,633	$141,633	$141,633	$141,633	$141,633
Total Revenue	**$719,047**	**$731,732**	**$744,417**	**$757,103**	**$769,788**	**$782,473**

Table 2-17: Monthly Service Charge - SWP Component Revenue

Meter Size / DEQs	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
SFR	$1,057,890	$1,057,890	$1,057,890	$1,057,890	$1,057,890	$1,057,890
MFR/MMR	$729,219	$766,827	$804,435	$842,043	$879,651	$917,259
Com/Ind/Pub	$355,770	$355,770	$355,770	$355,770	$355,770	$355,770
Com 3/4" 2+ DEQ	$34,806	$34,806	$34,806	$34,806	$34,806	$34,806
Temporary	$36,303	$36,303	$36,303	$36,303	$36,303	$36,303
Agriculture	$713,218	$713,218	$713,218	$713,218	$713,218	$713,218
Total Revenue	**$2,992,164**	**$3,033,662**	**$3,075,161**	**$3,116,659**	**$3,158,158**	**$3,199,656**

Table 2-18: Private Fire Line Revenue

Fire Line Revenue	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Total Revenue	$260,462	$260,462	$260,462	$260,462	$260,462	$260,462

Table 2-19: Agricultural O&M Charge Revenue

Ag O&M Revenue	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Total Revenue	$891,902	$891,902	$891,902	$891,902	$891,902	$891,902

Table 2-20: Variable (Water Use) Rate Revenue

	SFR	MFR	Com/Ind/Pub	Agricultural	Temporary
Base Zone					
Tier 1/Base	$467,322	$607,057	$537,844	$1,567,102	$16,617
Tier 2/Peak	$483,615	$117,199	$274,837	$0	$0
Tier 3	$604,503	$33,068	$0	$0	$0
Pressure Zone I					
Tier 1/Base	$5,459	$465	$4,026	$303,321	$0
Tier 2/Peak	$10,434	$707	$1,937	$0	$0
Tier 3	$32,159	$544	$0	$0	$0
Pressure Zone II					
Tier 1/Base	$12,611	$488	$0	$92,053	$0
Tier 2/Peak	$24,356	$524	$0	$0	$0
Tier 3	$55,856	$29	$0	$0	$0
Total	**$1,638,010**	**$656,372**	**$733,661**	**$1,705,675**	**$12,768**

Table 2-21: CIP Charge Rate Revenue

CIP Charge	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Total Revenue	$4,000,607	$3,980,604	$3,960,701	$3,940,897	$3,921,193	$3,901,587

Table 2-22: Agricultural REQ Charge Revenue

Ag REQ	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Total Revenue	$103,233	$103,233	$103,233	$103,233	$103,233	$103,233

Calculated Revenues Comparison

District staff provided budgeted rate revenues for FY 2023, shown in **Table 2-23**. Raftelis recalculated FY 2023 rate revenues using actual and estimated customer data. Actual FY 2022 customer data is used for this analysis.

Table 2-23: Budgeted versus Calculated Rate Revenues

Revenue Comparison	Budgeted	Calculated
Residential	$2,488,130	$2,456,395
Com/Ind/Pub	$850,786	$835,261
Agricultural	$1,890,006	$1,962,476
Ag Residential Equivalency Charge (REQ)	$102,406	$103,233
Monthly Service Charge-Basic	$727,012	$719,047
Monthly Service Charge-SWP	$3,185,524	$2,992,164
Monthly Service Charge-CIP	$4,035,587	$4,000,607
AG Fixed O&M	$900,495	$891,902
Fire Protection	$271,382	$260,462
Total	**$14,451,328**	**$14,221,548**
Fixed Charges	$9,120,000	$8,864,182
Variable Charges	$5,331,328	$5,357,366
Total	**$14,451,328**	**$14,221,548**

Revenues

Table 2-24 shows projected District revenues. The table shows rate revenues by customer class and by fixed service charge component. Non-rate revenues include other operating revenues and non-operating revenues.

Table 2-24: District Revenues Actual and Budgeted (FY 2023-2028)

Water Sales Revenue	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Residential	$2,488,130	$2,592,830	$2,727,839	$2,861,433	$2,993,622	$3,124,419
Commercial	$474,722	$515,416	$512,839	$510,274	$507,723	$505,184
Industrial	$107,774	$111,889	$111,330	$110,773	$110,219	$109,668
Public Authority	$268,290	$203,780	$202,761	$201,747	$200,739	$199,735
Agricultural	$1,890,006	$1,952,664	$1,942,901	$1,933,186	$1,923,520	$1,913,902
Ag Residential Equivalency Charge (REQ)	$102,406	$103,233	$103,233	$103,233	$103,233	$103,233
Monthly Service Charge-Basic	$727,012	$731,732	$744,417	$757,103	$769,788	$782,473
Monthly Service Charge-SWP	$3,185,524	$3,033,662	$3,075,161	$3,116,659	$3,158,158	$3,199,656
Monthly Service Charge-CIP	$4,035,587	$3,980,604	$3,960,701	$3,940,897	$3,921,193	$3,901,587
AG Fixed O&M	$900,495	$891,902	$891,902	$891,902	$891,902	$891,902
Fire Protection	$271,382	$260,462	$260,462	$260,462	$260,462	$260,462
Lifeline Program Credits	-$39,000	-$39,000	-$39,000	-$39,000	-$39,000	-$39,000
Total - Water Sales Revenue	**$14,497,328**	**$14,424,174**	**$14,579,545**	**$14,733,670**	**$14,886,559**	**$15,038,222**

Other Revenue						
Capital Cost Recovery	$150,000	$150,000	$150,000	$150,000	$153,000	$156,060
Misc Service Revenue	$85,000	$85,000	$85,000	$85,000	$85,000	$85,000
Other Income	$100,000	$120,553	$103,434	$105,203	$107,307	$109,453
Overhead Control	$51,000	$100,000	$100,000	$100,000	$102,000	$104,040
Interest	$100,000	$50,000	$50,000	$50,000	$257,403	$268,295
GSA Personnel Costs Reimbursement	$99,389	$120,000	$120,000	$120,000	$0	$0
Total - Other Revenue	**$500,389**	**$540,553**	**$523,434**	**$525,203**	**$619,710**	**$637,848**
Non-Operating Revenue						
Interest-COP Funds Restricted	$5,100	$5,100	$5,100	$5,100	$5,100	$5,100
Total - Non-Operating Revenue	**$5,100**	**$5,100**	**$5,100**	**$5,100**	**$5,100**	**$5,100**
Total - Revenues	**$15,002,817**	**$14,969,827**	**$15,108,079**	**$15,263,973**	**$15,511,368**	**$15,681,170**

Expenses

Table 2-25 shows budgeted O&M expenses for FY 2023 through FY 2026 and projected O&M expenses for FY 2027 and FY 2028. In FY 2027 and FY 2028, costs associated with the purchase and production of water are calculated within the financial plan model, and captured in the calculated water purchase cost line of the O&M budget, and subsequently removed from the other cost categories. The proposed FY 2024 budgeted values are included in the revenue requirement for the rate setting year, FY 2024.

Table 2-25: Projected O&M Expenses

O&M Expenses	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Personnel	$3,141,064	$3,560,250	$3,823,268	$4,022,463	$3,923,833	$4,049,378
General and Administrative	$426,512	$482,250	$504,558	$529,362	$554,970	$582,180
Utilities	$453,960	$382,686	$400,742	$423,310	$287,097	$299,445
Professional Services	$331,698	$304,397	$371,165	$361,700	$361,070	$371,903
Operations Expense	$941,534	$964,371	$1,043,992	$1,094,255	$820,531	$871,988
State Water	$553,122	$94,586	$184,995	$237,901	$0	$0
Water Treatment & Testing	$1,176,835	$2,050,174	$1,965,500	$1,886,645	$1,350,025	$1,427,909
Joint Powers Authority	$754,616	$637,250	$782,330	$835,413	$103,000	$106,090
Water Conservation	$46,466	$51,103	$52,171	$61,771	$63,624	$65,533
CAPP	$0	$0	$0	$764,100	$0	$0
Other Expenses	$742,996	$863,484	$899,842	$934,088	$961,661	$990,061
Calculated Water Purchase Costs	$0	$0	$0	$0	$5,535,199	$5,395,513
Total - O&M Expenses	**$8,568,803**	**$9,390,551**	**$10,028,563**	**$11,151,009**	**$13,961,011**	**$14,160,001**

Debt Service

Table 2-26 shows actual and projected future annual debt service for FY 2023 through FY 2028. FY 2023 is actual debt service incurred. FY 2024 to FY 2028 represent proposed debt service expenses. The proposed FY 2024 budgeted values are included in the revenue requirement for the rate setting year, FY 2024. The District's existing debt includes SWP repayment via the District's wholesale agency, CCWA; State Revolving Fund (SRF) loan repayment for the District's share of Ortega and Cater treatment facilities; and loan repayments for other water quality and meter infrastructure capital costs.

Table 2-26: Debt Service

Debt Service	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Siemens MLPA	$538,677	$538,677	$539,439	$538,677	$538,677	$538,677
Rev Bond 2020A	$1,240,875	$1,240,625	$1,239,375	$1,242,000	$1,243,375	$1,672,500
Rev Bond 2020B	$234,986	$232,314	$234,434	$231,379	$233,143	$234,647
Rev Bond 2020C	$75,500	$75,500	$75,500	$75,500	$75,500	$207,125

Rev Bond 2016A	$722,250	$718,750	$714,250	$713,625	$716,625	$620,625
Cater SRF	$235,175	$0	$0	$0	$0	$0
DWR Source of Supply	$1,895,193	$1,952,049	$2,010,610	$2,070,929	$0	$0
Cater SRF Future Payments	$0	$0	$152,000	$267,000	$267,000	$267,000
Total - Debt Service	**$4,942,656**	**$4,757,915**	**$4,965,608**	**$5,139,110**	**$3,074,320**	**$3,540,574**

Capital Projects

Table 2-27 shows the annual CIP spending. The District aims to execute approximately $1 M in pay-as-you-go (PAYGO), or cash-funded, capital projects in each fiscal year. All other planned CIP expenditures, particularly in in FY 2025 and FY 2026, is for the CAPP project to be funded by a combination of grant and debt proceeds. Beyond FY 2026 there is projected to be around $500 thousand in annual CAPP repair and replacement (R&R). The proposed FY 2024 budgeted values are included in the revenue requirement for the rate setting year, FY 2024.

Table 2-27: Capital Projects

Capital Projects	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
CAPP Project	$0	$0	$24,515,500	$24,515,500	$0	$0
Water Treatment-related	$100,000	$100,000	$100,000	$178,605	$187,535	$196,912
Non-WT related	$901,044	$940,000	$990,000	$813,645	$854,327	$897,044
Annual CAPP R&R	$0	$0	$0	$533,861	$555,216	$577,425
Total - Capital Projects	**$1,001,044**	**$1,040,000**	**$25,605,500**	**$26,041,611**	**$1,597,078**	**$1,671,380**

Proposed Revenue Adjustments

Table 2-28 shows the proposed revenue adjustments that allows the District to maintain financial sufficiency, fund operating and capital expenses, and achieve recommended cash reserves. The proposed adjustments apply to the District's rate revenues. The proposed revenue adjustments represent the increase to total rate revenues required to recover the District's full cost of service.

Table 2-28: Proposed Revenue Adjustments

Revenue Adjustments	FY 2024	FY 2025	FY 2026
Effective Month	July 1	July 1	July 1
Revenue Adjustments	7.5%	7.5%	7.5%

Multi-Year Cash Flow

Table 2-29 shows the District's five-year cash flow utilizing the revenue and expense values in previous tables. FY 2024-FY2026 represents proposed budgeted values and the years of proposed rate adoption. A five-year cash flow is shown to present a longer time horizon for planning purposes. The proposed budgeted values including O&M expenses, debt service, PAYGO capital, and non-rate revenues are included to determine the revenue requirement for the rate setting year, FY 2024. The increases from the revenue adjustments generate additional net revenues which are required to meet minimum debt coverage in future years.

Table 2-29: Multi-Year Cash Flow

Cash Flow	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues					
Water Sales	$5,376,579	$5,497,669	$5,617,413	$5,735,823	$5,852,909
Service Charges	$9,001,596	$9,035,876	$9,070,256	$9,104,735	$9,139,313
Revenue Adjustments	$898,636	$2,261,783	$3,558,776	$4,978,549	$5,429,861
Misc Revenue	$536,553	$519,434	$521,203	$408,307	$415,553
Interest Income	$50,000	$50,000	$50,000	$256,004	$266,875
Non-Operating Revenue	$5,100	$5,100	$5,100	$5,100	$5,100
Total Revenues	**$15,868,463**	**$17,369,862**	**$18,822,749**	**$20,488,519**	**$21,109,611**

O&M Expenses					
Personnel	$3,560,250	$3,823,268	$4,022,463	$3,923,833	$4,049,378
General and Administrative	$482,250	$504,558	$529,362	$554,970	$582,180
Utilities	$382,686	$400,742	$423,310	$287,097	$299,445
Professional Services	$304,397	$371,165	$361,700	$361,070	$371,903
Operations Expense	$964,371	$1,043,992	$1,094,255	$820,531	$871,988
State Water	$94,586	$184,995	$237,901	$0	$0
Water Treatment & Testing	$2,050,174	$1,965,500	$1,886,645	$1,350,025	$1,427,909
Joint Powers Authorities	$637,250	$782,330	$835,413	$103,000	$106,090
Water Conservation	$51,103	$52,171	$61,771	$63,624	$65,533
CAPP	$0	$0	$764,100	$0	$0
Other Expenses	$863,484	$899,842	$934,088	$961,661	$990,061
Calculated Water Purchase Costs	$0	$0	$0	$5,535,199	$5,395,513
Total O&M Expenses	**$9,390,551**	**$10,028,563**	**$11,151,009**	**$13,961,011**	**$14,160,001**
Net Revenue (excluding Debt)	**$6,477,912**	**$7,341,299**	**$7,671,741**	**$6,527,508**	**$6,949,610**
Debt Service					
Existing Debt Service					
Siemens MLPA	$538,677	$539,439	$538,677	$538,677	$538,677
Rev. Bond 2020A	$1,240,625	$1,239,375	$1,242,000	$1,243,375	$1,672,500
Rev. Bond 2020B	$232,314	$234,434	$231,379	$233,143	$234,647
Rev. Bond 2020C	$75,500	$75,500	$75,500	$75,500	$207,125
Rev. Bond 2016A	$718,750	$714,250	$713,625	$716,625	$620,625
Cater SRF	$0	$0	$0	$0	$0
DWR Source of Supply (SWP)	$1,952,049	$2,010,610	$2,070,929	$0	$0
Cater Future SRF Payments	$0	$152,000	$267,000	$267,000	$267,000
Proposed Debt Service	$0	$0	$0	$1,066,674	$1,066,674
Total Debt Service	**$4,757,915**	**$4,965,608**	**$5,139,110**	**$4,140,994**	**$4,607,248**
Net Revenue (including Debt)	**$1,719,996**	**$2,375,691**	**$2,532,631**	**$2,386,514**	**$2,342,362**
Capital Projects					
Rate Funded CIP	$920,400	$1,090,000	$1,526,111	$1,597,078	$1,671,380
Total Capital Projects	**$920,400**	**$1,090,000**	**$1,526,111**	**$1,597,078**	**$1,671,380**
Net Cash Flow	**$799,596**	**$1,285,691**	**$1,006,520**	**$789,435**	**$670,982**
Debt Coverage					
Calculated	1.73	1.92	1.94	1.62	1.54
Target	1.40	1.40	1.40	1.40	1.40
Minimum	1.25	1.25	1.25	1.25	1.25
MADS	N/A	N/A	N/A	1.27	1.36
SRF Requirement	1.25	1.25	1.25	1.25	1.25
Beginning Balance	$13,192,218	$14,145,320	$15,602,459	$16,800,189	$17,589,624
Ending Balance	**$14,145,320**	**$15,602,459**	**$16,800,189**	**$17,589,624**	**$18,260,606**
Target Balance	*$14,820,673*	*$15,243,525*	*$15,891,499*	*$16,797,443*	*$17,130,064*

Figure 2-1 shows the five-year financial plan for FY 2024 through FY 2028. The stacked bars represent the costs of the District: O&M expenses make up the largest portion (gray bars). Debt service (green bars bars) are the next largest portion of expenses, and rate-funded CIP costs (yellow bars) represent the costs of the rate funded capital program. Net cash flow (red bars) is positive in all years. Current revenues (solid line) equal the projected revenues

at the City's existing water rates and proposed revenues (dotted line) equal the projected revenues with the proposed revenue adjustments in **Table 2-28** applied.

Figure 2-1: District Financial Plan

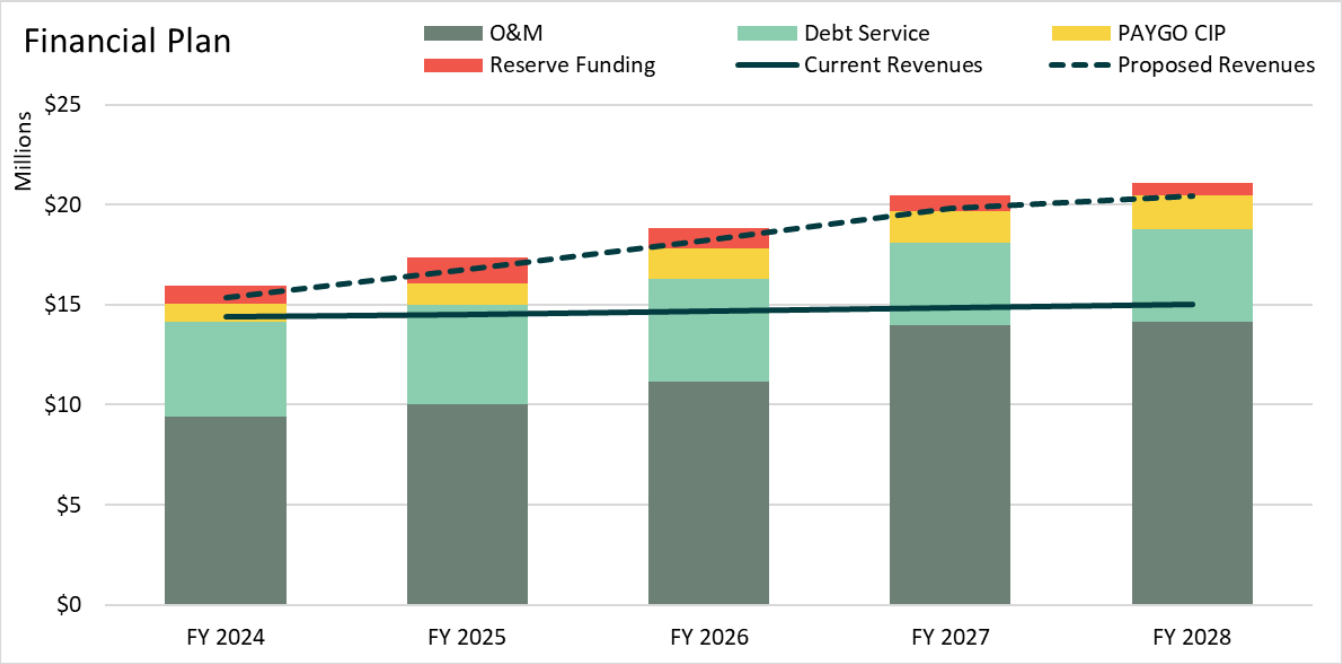
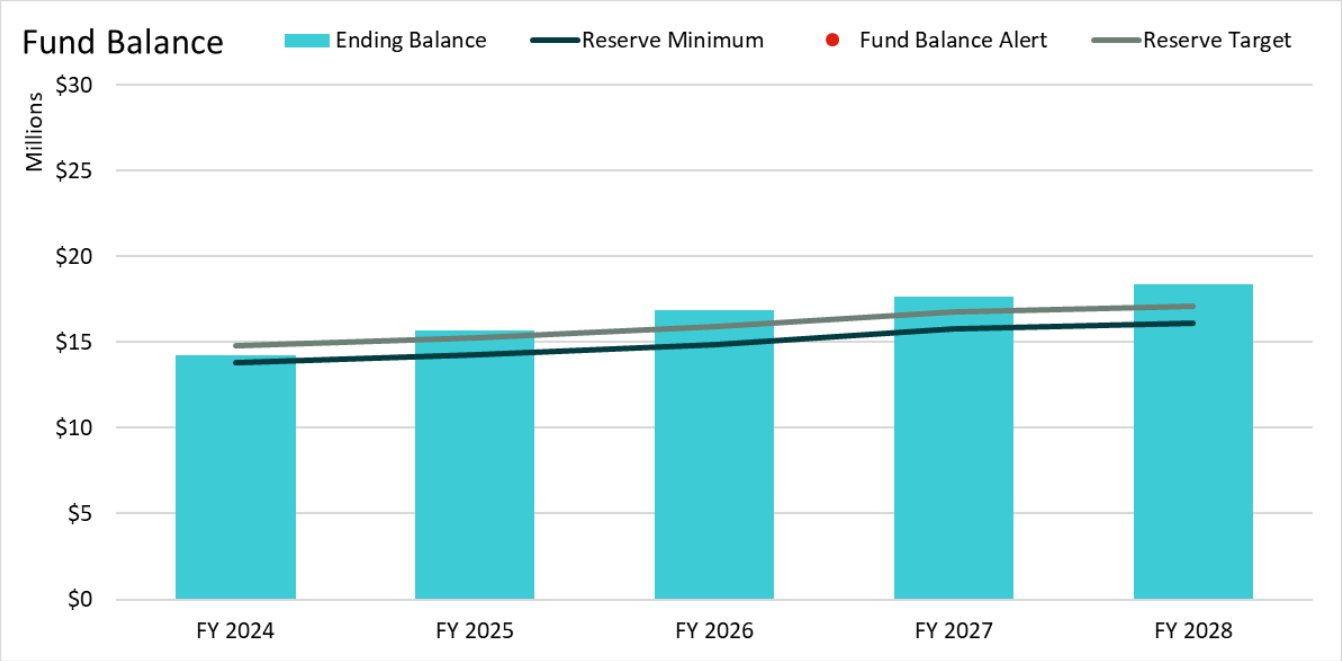


Figure 2-2 shows the projected ending cash balances (blue bars) from FY 2024 to FY 2028. The unrestricted reserve target (dark blue and gray lines respectively) is determined based on the District's existing reserve policy[6]. The ending balance is projected to achieve the minimum policy in each year.

[6] The District's financial reserves policy consists of the following components: an operating reserve of six months cash (including O&M and debt service); an operating contingency of $1 million; a capital reserve that is two times the annual system depreciation; and an emergency reserve with a $2 million minimum and $3 million target

Figure 2-2: Water Fund Balances



3. Rate Structure Modifications

This section outlines proposed changes to the District's existing rate structures. Proposed changes are discussed prior to the cost of service analysis as they impact units of service and costs allocated in the cost of service analysis in the subsequent section.

Proposed Changes

The following rate structure changes are proposed:

- Charge the SWP fixed charge to Commercial customers with more than one unit (Hospitality) based on a ratio of average water use per unit between those Commercial customers and SFR customers
- Decrease the minimum CIP charge to 4 hcf per month

Commercial SWP DEQ Fixed Charge

This proposed change would create a new SWP charge for Commercial customers with more than one unit, primarily Hospitality customers. The cost allocations for this charge would be based on a ratio of average use between Single Family Residential and Hospitality Commercial users. Average monthly use was calculated by dividing the total annual usage by twelve. The average monthly use for each customer class was then divided by the number of units in each class to derive the average water use per dwelling unit. **Table 3-1** shows the values used in the usage ratio calculation.

Table 3-1: DEQ Ratio

	Com 2+	MFR	SFR
Average Monthly Use	1,840	20,436	26,807
Dwelling Units	674	4,078	2,493
Usage per DU	2.73	5.01	10.75
DEQ Ratio	0.25	0.47	

The ratio of the average usage per unit is then used to allocate costs to MFR and Hospitality customers when calculating the fixed monthly SWP charge. The number of DEQs is multiplied by the ratio to obtain the adjusted DEQs. These adjusted DEQs are then used to allocate the fixed SWP cost of service between SFR, MFR, and Hospitality customers. Once the cost of service for each class has been calculated, the costs are spread across the non-adjusted DEQs to determine the unit cost for each customer class. **Table 3-2** shows the calculation for the SWP Fixed unit cost SFR, MFR, and Hospitality customers.

Table 3-2: MFR DEQ Unit Cost

SWP-Fixed	Adjusted DEQs	COS	Non-Adjusted DEQs	Unit Cost
Total	4,791	$1,944,139	6,797	
SFR	2,719	$1,103,484	2,719	$33.82
MFR	1,901	$771,229	4,078	$15.76
Hospitality	171	$69,425	674	$8.58

Decrease Minimum CIP Charge

The District's current CIP Charge for M&I customers is a volumetric rate per hcf based on the five year average historical use on the connection. While a volumetric rate, the CIP charge is subject to a minimum of 6 hcf and maximum of 250 hcf monthly. This study proposed to reduce the minimum charge from 6 hcf per month to 4 hcf per month. The new threshold represents efficient indoor water demands of a two-person household. There are a

significant number of customer bills and households below the current 6 hcf minimum. By reducing the minimum volume, the CIP unit charge is increased as a result of lower units of service.

4. Cost of Service Analysis

This section of the report outlines the cost of service analysis, which allocates the District's FY 2024 revenue requirement to each system cost component and customer class. Numbers shown in the tables of this section are rounded. Therefore, hand calculations based on the displayed numbers, such as summing or multiplying, may not equal the exact results shown in this report.

Process and Approach

The first step in the cost of service analysis process is to determine the revenue requirement, which is based on the estimated costs of the Agency and include O&M expenses, debt servicing, PAYGO capital, net cash to reserves, and accounts for non-rate revenues. The framework and methodology utilized to develop the cost of service analysis and apportion the revenue requirement to each customer class and tier is informed by the processes outlined in the M1 Manual.

Cost of service analyses are tailored specifically to meet the unique needs of each utility. However, there are four distinct steps in every analysis to recover costs from customer classes in an accurate, equitable, and defensible manner:

1. Cost functionalization – O&M expenses and capital expenditures are categorized by their function in the system. Functions may include supply, transmission, distribution, customer service, billing, etc.
2. Cost causation component allocation – the functionalized costs are then allocated to cost causation components based on their burden on the system. The cost causation components include supply, peaking/extra-capacity, delivery, meter, customer, etc. The revenue requirement is allocated accordingly to the cost causation components and results in the total revenue requirement for each cost causation component.
3. Unit cost development – the revenue requirement for each cost causation component is divided by the appropriate units of service - such as total annual water use, peaking units, equivalent meters, number of customer bills, etc. - and dividing the cost causation component costs by the respective service units to determine the unit cost for each cost causation component.
4. Revenue requirement distribution – the unit costs are utilized to distribute the revenue requirement for each cost causation component to customer classes and tiers based on their individual service units. The District's customer classes include Residential (SFR and MMR), Commercial, Institutional, & Public Authority, and Agriculture.

Cost Components

The cost components used in this study are:

- Meter – costs of servicing, installing, and replacing meters
- Fire – direct costs of the water system's ability to provide fire protection
- Customer – costs of customer service staff, billing, and collections
- SWP – costs of purchasing imported water from the District's wholesaler, CCWA
- Base – costs of delivering water to customers during average daily demand conditions
- Peaking (Max Day and Max Hour) – the extra-capacity costs of delivering water to customers at peak capacity and during peak times of use
- Groundwater – costs associated with producing water from the Carpinteria Groundwater Basin
- Cachuma – costs associated with water supply procured from the Cachuma Lake Project
- Treatment – costs of treating water to potable standards
- Pumping – costs of moving water to higher elevations to serve customers in Pressure Zone 1 and II
- Conservation –costs of the District's water conservation programs
- CIP – costs related to debt servicing and PAYGO capital
- General – represents all other costs that have a general or administrative function (indirect costs)

Revenue Requirement

Table 4-1 shows the District's revenue requirement for the rate-setting year, FY 2024. The revenue requirements (Lines 1-6), also known as costs, are equal to the O&M expenses, debt service, and PAYGO capital expenditures. Line 5 shows the net cash difference between the revenue required from rates with and without the CAPP project included in the Cash Flow[7]. Non-rate revenues (Lines 9-10), also known as revenue offsets, are subtracted from the revenue requirement and the net cash flow from reserves (Line 11, equal to the net cash flow in **Table 2-29**) is added back.

The revenue required from rates (Line 14) is equal to revenue requirements (Line 6) less revenue offsets and adjustments (Line 12) and is separated into Operating, Debt, and Capital components, which will be allocated to the cost components based on O&M, debt, and CIP expenditures, respectively.

Table 4-1: Revenue Requirement Derivation

Line	Revenue Requirement - FY 2024	Operating	Debt	Capital	Total
1	**Revenue Requirements**				
2	O&M Expenses	$9,390,551			$9,390,551
3	Debt Service		$4,757,915		$4,757,915
4	PAYGO Capital			$920,400	$920,400
5	CAPP			$643,628	$643,628
6	**Total - Revenue Requirements**	**$9,390,551**	**$4,757,915**	**$1,564,028**	**$15,712,495**
7					
8	**Offsets and Adjustments**				
9	Other Revenue	($586,553)			($586,553)
10	Non-Operating Revenue	($5,100)			($5,100)
11	Net Cash Flow to Reserves[8]	$155,968			$155,968
12	**Total - Offsets and Adjustments**	**($435,685)**	**$0**	**$0**	**($435,685)**
13					
14	**Revenue Required from Rates**	**$8,954,867**	**$4,757,915**	**$1,564,028**	**$15,276,810**

Peaking Factors

Table 4-2 shows the system-wide peaking factors used to derive the cost component allocation bases for Base (Delivery), Max Day, and Max Hour costs. Base represents average daily demand during the year, which has been normalized to a factor of 1.00 (Column C, Line 1). District staff provided Max Day and Max Hour peaking factors based on water demand in gallons per hour (gph). The Max Day peaking factor (Line 2 factor) shows that the system-wide Max Day demand is 1.65 times greater than the average daily demand. The Max Hour peaking factor (Line 3 factor) signifies that the system-wide Max Hour demand is 3.38 times greater than average demand.

The allocation bases (Columns titled A through C in the table) are calculated using the equations outlined in this section. Columns are represented in these equations as letters and rows are represented as numbers. For example, Column C, Line 2 is shown as C2.

The Max Day allocations are calculated as follows:

- Base Delivery: A1 / A2 x 100% = B2
- Max Day: (A2 - A1) / A2 x 100% = C2

[7] While there are no direct CAPP costs in the rate-setting year, the District must increase rates, in part, to service future debt service related to the CAPP project. Raftelis determined the difference between the net cash required with CAPP and without CAPP to identify the indirect cost of CAPP in the rate-setting year. This difference is then recovered through the M&I CIP charge and the Ag O&M charge.

[8] District staff provided Raftelis with the FY 2023 financial plan

The Max Hour allocations are calculated as follows:

- Base Delivery: A1 / A3 x 100% = B3
- Max Day: (A2 - A1) / A3 x 100% = C3
- Max Hour: (A3 - A2) / A3 x 100% = D3

Table 4-2: System-Wide Peaking Factors

			A	B	C	D	
Line	Peaking Factors	Demand (gph)	Factor	Base	Max Day	Max Hour	Total
1	Base	165,782	1.00	100.0%			100.0%
2	Max Day	273,650	1.65	60.6%	39.4%	0.0%	100.0%
3	Max Hour	560,984	3.38	29.6%	19.2%	51.2%	100.0%
4	Avg. Max Day/Hour			45.1%	29.3%	25.6%	100.0%

Table 4-3 shows the customer-specific peaking factors based on the maximum monthly usage divided by average monthly usage for each customer class and tier. The maximum month peaking factor is used as a proxy for the class and tier-specific Max Day peaking factors. The peaking factors for Residential customers are based on the current tiers. Com/Ind/Pub is based on their existing Base/Peak structure.

Table 4-3: Customer-Specific Peaking Factors

Line	Customer Class	Peaking Factor
1	**Residential**	**1.25**
2	Tier 1	1.08
3	Tier 2	1.34
4	Tier 3	1.94
5		
6	**Com/Ind/Pub**	**1.30**
7	Base	1.10
8	Peak	1.89
9		
10	**Agriculture**	**1.42**
11	**Temporary**	**1.30**

Table 4-4 shows the calculation of additional capacity required to meet Max Day and Max Hour demands of each customer class and tier. Annual use is derived from water usage projections for FY 2024. First, annual use (Column C) is converted to average daily use (Column D), assuming 365 days in a year. The capacity factors (Column E) are the customer-specific peaking factors (**Table 4-3**) and are multiplied by the average daily use (Column D) to arrive at the total capacity required to meet each class and tier's Max Day demand (Column F). The extra capacity required to meet Max Day demands (Column G) is calculated by subtracting the average daily use (Column D) from the total capacity for Max Day (Column F).

For Max Hour demands, the customer-specific peaking factors (Column E) are inflated based on the ratio between the system-wide Max Day and Max Hour peaking factors to determine the Max Hour peaking factors for all classes and tiers. This is calculated using the following equation:

*Max Day peaking factor (Column E) x [System-wide Max Hour peaking factor (**Table 4-2**) / System-wide Max Day peaking factor (**Table 4-2**)]*

The total capacity for Max Hour demands (Column I) is calculated by multiplying the average daily use (Column D) by the Max Hour peaking factors (Column H). The extra capacity required for Max Hour demands (Column J) is equal to the Max Hour total capacity (Column I) less the Max Day total capacity (Column F).

Table 4-4: Water Usage and Extra Capacity

A	B	C	D	E	F	G	H	I	J	K	L
				Max Day			Max Hour				
Line	Customer Class	Annual Use (hcf)	Average Daily Use (hcf/day)	Capacity/ Peaking Factor	Total Capacity (hcf/day)	Extra Capacity (hcf/day)	Capacity Factor	Total Capacity (hcf/day)	Extra Capacity (hcf/day)	Pressure Zone I	Pressure Zone II
1	**Residential**									8,835	16,100
2	Tier 1	359,356	985	1.08	1,063	79	2.21	2,178	1,115		
3	Tier 2	131,964	362	1.34	484	123	2.74	992	508		
4	Tier 3	134,059	367	1.94	713	345	3.97	1,460	747		
5											
6	**Com/Ind/Pub**									1,052	989
7	Tier 1	132,259	362	1.10	399	36	2.25	817	418		
8	Tier 2	40,138	110	1.89	208	98	3.87	426	218		
9											
10	**Agriculture**	924,545	2,533	1.42	3,597	1,064	2.91	7,368	3,771	1,834	1,834
11	Agriculture REQ	53,892	148	1.08	159	12	2.21	327	167		
12											
13	**Temporary**	4,397	12	1.30	16	4	2.66	32	16	93	93
14											
15	**Total**	**1,780,610**	**4,878**		**6,639**	**1,760**		**13,599**	**6,961**	**7,994**	**8,649**

Equivalent Meters

Equivalent meter units are used to allocate meter-related costs appropriately and equitably. Larger meters have the capacity to impose larger demands on the system and are more expensive to install, maintain, and replace than smaller meters.

Equivalent meter units are based on meter hydraulic capacity and are calculated to represent the potential demand on the water system compared to a base meter size. A ratio of hydraulic capacity is calculated by dividing larger meter capacities by the base meter capacity based on the maximum safe operating flow rates in gallons per minute (gpm) at each size and type. The base meter in this study is the 3/4" meter, which is also the most common meter size.

Table 4-5 shows the meter capacity, meter type, and the calculated capacity ratio at each meter size used in the study. The capacity in gpm is based on actual capacity ratings from the AWWA M1 Manual with confirmation provided by District staff. The capacity ratios (Column E) are calculated by dividing the capacity in gpm for each meter size (Column B) by the capacity in gpm for the 3/4" meter (Column C, Line 1).

Table 4-5: Meter Capacity Ratio

A	B	C	D	E
Line	Meter Size	Capacity (gpm)	Meter Type	Capacity Ratio
1	3/4"	30	Displacement	1.00
2	1"	50	Displacement	1.67
3	1 1/2"	100	Displacement	3.33
4	2"	160	Displacement	5.33
5	3"	350	Turbine	11.67
6	4"	630	Turbine	21.00
7	6"	1,300	Turbine	43.33

Table 4-6 shows the estimated equivalent meters for FY 2024. The number of total meters (Column H) is derived from the meter count projections for FY 2024. The meter counts at each size and class (**Table 2-9**) are multiplied by the capacity ratio (Column C) to arrive at the total number of equivalent meters (Column H).

Table 4-6: Equivalent Meters (Meter Capacity)

A	B	C	D	E	F	G	H
Line	Meter Size	Capacity Ratio	Residential	Com/Ind/ Pub	Agriculture	Temporary	Total
1	3/4"	1.00	3,247	126	21	0	3,394
2	1"	1.67	480	117	88	0	685
3	1 1/2"	3.33	470	140	210	0	820
4	2"	5.33	309	459	1,157	0	1,925
5	3"	11.67	12	82	315	93	502
6	4"	21.00	21	42	42	0	105
7	6"	43.33	173	87	0	0	260
8	**Total**		**4,712**	**1,052**	**1,834**	**93**	**7,691**

Table 4-7 shows the estimated equivalents for FY 2024 on a DEQ basis. Recall, the District's SWP costs are recovered on the monthly meter-based service charges and MMR and Hospitality customers pay the SWP-fixed component not on a meter capacity equivalent basis, but rather on a dwelling unit equivalent basis. **Table 4-7** shows the calculation of DEQ meter equivalents. Other than Residential, all classes' total equivalents are the same as **Table 4-6**. For the Residential class (Column D), the SFR, MMR, and Hospitality counts in **Table 2-10** are

summed and then multiplied by the respective capacity ratio in **Table 4-7** (Column C). The number of total meter equivalents on a DEQ basis are shown in Column H.

Table 4-7: Equivalent Meters (DEQ)

A	B	C	D	E	F	G	H
Line	Meter Size	Capacity Ratio	Residential	Com/Ind/ Pub	Agriculture	Temporary	Total
1	3/4"	1.00	4,372	126	21	0	4,519
2	1"	1.67	250	115	88	0	453
3	1 1/2"	3.33	100	137	210	0	447
4	2"	5.33	69	448	1,157	0	1,675
5	3"	11.67	0	35	315	93	443
6	4"	21.00	0	42	42	0	84
7	6"	43.33	0	87	0	0	87
8	**Total**		**4,791**	**989**	**1,834**	**93**	**7,707**

Like equivalent water meters, private fire lines and public fire hydrants are also converted to equivalent lines based on fire line capacities. **Table 4-9** shows the equivalent lines for private fire lines and public fire hydrants. Private fire lines are derived from the account projections in FY 2024 and public fire hydrant counts are provided by District staff.

Table 4-8: Public and Private Fire Lines

A	B	C	D
Line	Fire Line Size	Private Fire	Public Hydrants
1	2"	5	0
2	3"	6	0
3	4"	60	200
4	6"	49	0
5	8"	12	0
6	10"	2	0
7	**Total**	**134**	**200**

Table 4-9 derives the total fire equivalents within the water system. The fire line capacity ratios (Column C) are determined based on the Hazen-Williams equation for flow through pressurized conduits, as explained in the AWWA M1 Manual. The flow potential is dependent on the diameter of the fire line raised to the power of 2.63. The fire line capacity ratio is normalized based on the capacity of a 4" fire line to be consistent with the most common fire conduit. Column F shows the total equivalent fire lines in the system.

Table 4-9: Equivalent Fire Lines

A	B	C	D	E	F
Line	Fire Line Size	Fire Ratio	Private Fire	Public Hydrants	Total
1	2"	0.16	1	0	1
2	3"	0.47	3	0	3
3	4"	1.00	60	200	260
4	6"	2.90	142	0	142
5	8"	6.19	74	0	74
6	10"	11.13	22	0	22
7	**Total**		**303**	**200**	**503**
8	***Fire Allocation***		*60%*	*40%*	***100%***

SWP costs are recovered from both potable water meters and private fire lines. Equivalency ratios are used to normalize potable water meters and private fire lines to allocate costs to both. **Table 4-10** shows the estimated private fire SWP equivalents for FY 2024. Private fire capacity ratios were provided by District staff. Column D shows the total private fire equivalents for allocating SWP costs.

Table 4-10: Equivalent Meters for Private Fire

A	B	C	D
Line	Fire Line Size	Capacity Ratio	Private Fire
1	2"	1.00	5
2	3"	2.25	14
3	4"	4.00	240
4	6"	9.00	468
5	8"	16.00	208
6	10"	25.00	50
7	**Total**		**985**

Operating Allocation

Table 4-11 shows the allocation of operating expenses to each cost component, as developed from the District's O&M expense budget for FY 2024. O&M expenses are used in the cost of service analysis to allocate the operating revenue requirement from **Table 4-1** to the relative share of costs in each water system cost component. Raftelis worked with District staff to determine an appropriate allocation to each cost component based on the function of the expense incurred. Most functions have a one-to-one relationship with a system cost component, for example, State Water costs. Cater, Wells, and Storage are allocated on the Max Day basis as determined in **Table 4-2**. Distribution and Pumping is allocated on the Max Hour basis as determined in **Table 4-2**. Transmission & Distribution (T&D) uses the average max day/max hour allocation derived in **Table 4-2**. Certain engineering O&M expenses are allocated using the capital basis derived from the water system asset base. All other functional costs are allocated fully to the respective cost components.

Appendix B allocates the functionalized O&M budget to the respective cost components using the percentage basis in **Table 4-11**. The bottom row of **Appendix B** yields the percent of the total O&M budget allocated to each system cost component. These values are used to allocate the Operating portion of the District's total revenue requirement.

Table 4-11: Functional Allocations

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Line	Functions	Rationale	Meter	Fire	Custo-mer	SWP	Base	Max Day	Max Hour	Ground-water	Cachu ma	Treat ment	Pumpi ng	Conser-vation	CIP	Gen-eral	Total
1	Groundwater	Groundwater								100%							100%
2	Lake Cachuma	Cachuma									100%						100%
3	State Water	SWP				100%											100%
4	Cater	Treatment MD					61%	39%									100%
5	Distribution	Max Hour					30%	19%	51%								100%
6	T&D	Avg. MD/MH					45%	29%	26%								100%
7	Pumping	Max Hour					30%	19%	51%								100%
8	Elevation Pumping	Pumping											100%				100%
9	Wells	Max Day					61%	39%									100%
10	Treatment	Treatment										100%					100%
11	Storage	Max Day					61%	39%									100%
12	Meters	Meter	100%														100%
13	Billing	Customer			100%												100%
14	Fire	Fire		100%													100%
15	Conservation	Conservation												100%			100%
16	Administration	General					25%									75%	100%
17	Capital	Capital Costs	21%	1%			35%	21%	12%			1%				9%	100%
18	General	General					25%									75%	100%
19	CIP	CIP													100%		100%

Capital Allocation

Capital Allocation – Agriculture and Municipal & Industrial

The District serves two distinct user groups: Agriculture and M&I. These two user groups require different levels of service, most notably treated water with specific water quality standards for M&I uses. An asset benefit analysis was used to ensure an equitable allocation and appropriate cost recovery from each group.

The analysis utilized the District's capitalized assets database. The assets were grouped into summarized categories. Next, different allocation bases were identified with which to distribute a group of assets value to Agriculture, M&I, or both. Once the distribution for all asset categories was completed, the total system value benefiting the two user classes was known and is used to allocate the total costs recovered through the District's two capital rate components: the M&I variable CIP charge and the Agricultural O&M charge. The following tables detail the asset benefit exercise to allocate capital costs, net of SWP debt which is recovered through the monthly meter-based fixed charge.

Table 4-12 shows the various allocation bases for distributing the different asset categories between Agriculture and M&I. The bases include the number of customers, equivalent meters, average potable demand (by class), and average total demand (by class). Note Column C, Line 4 shows some potable demand for Agriculture which represents the average use of residential dwelling units across all Agricultural connections. Lines 8-11 of the table show the allocation basis in percentage terms.

Table 4-12: Asset Benefit Allocations

A	B	C	D	E
Line	CIP Cost Allocation	Agriculture	M&I	Total
1	**Basis**			
2	Number of Customers	383	4,083	4,466
3	Equivalent Meters	1,834	5,857	7,691
4	Average Potable Demand	53,892	802,173	856,065
5	Average Total Demand	924,545	802,173	1,726,718
6				
7	**Allocation**			
8	Number of Customers	9%	91%	100%
9	Equivalent Meters	24%	76%	100%
10	Average Potable Demand	6%	94%	100%
11	Average Total Demand	54%	46%	100%

Raftelis worked with District staff to identify the most appropriate allocation basis for each asset category. Generally, water quality and water treatment categories are allocated using average potable demand; storage categories are allocated based on average total demand; operational and administrative facilities are allocated based on the number of customers in each user group; and smaller storage facilities, meters, pumping equipment, and distribution assets are allocated based on equivalent meters.

The results attribute 18% of capital costs to Agricultural users and the remaining 82% to M&I users. Agriculture's share is recovered by the Agricultural O&M charge and M&I's share by the variable CIP charge.

Table 4-13: Capital Cost Allocation – Agriculture and M&I

A	B	C	D	E	F
Line	Asset Category	Allocation Methodology	RCLD	Agriculture	M&I
1	Administration Building	Number of Customers	$286,022	$24,529	$261,493
2	Carpinteria Reservoir	Avg. Total Demand	$0	$0	$0
3	Carpinteria Reservoir - Water Quality	Avg. Potable Demand	$7,488,578	$471,430	$7,017,148
4	Corrosion Control	Equivalent Meters	$18,499	$4,410	$14,088
5	Office Equipment & Furniture	Number of Customers	$1,136,280	$97,446	$1,038,834
6	Other Equipment & Tools	Number of Customers	$508,150	$43,579	$464,572
7	Facility & Grounds Equipment	Number of Customers	$335,072	$28,735	$306,337
8	Foothill Reservoir	Avg. Total Demand	$0	$0	$0
9	Foothill Reservoir - Water Quality/System	Avg. Potable Demand	$11,909,907	$749,767	$11,160,141
10	Headquarters Well	Avg. Total Demand	$2,875,846	$1,539,829	$1,336,017
11	Headquarters Well - Treatment	Avg. Potable Demand	$824,512	$51,906	$772,607
12	Hydrants	Number of Customers	$574,597	$49,277	$525,320
13	Land	Number of Customers	$901,007	$77,269	$823,737
14	Maintenance Center	Number of Customers	$1,076,989	$92,362	$984,627
15	Meters & Services	Equivalent Meters	$8,715,623	$2,077,954	$6,637,668
16	Ortega Reservoir Cover	Avg. Total Demand	$0	$0	$0
17	Ortega Reservoir Cover - Water Quality	Avg. Potable Demand	$10,711,448	$674,320	$10,037,128
18	Pumping Equipment	Equivalent Meters	$315,894	$75,315	$240,579
19	Tanks & Reservoirs	Equivalent Meters	$523,489	$124,809	$398,680
20	Transmission & Distribution	Equivalent Meters	$17,672,044	$4,213,319	$13,458,725
21	Vehicles	Number of Customers	$1,412,401	$121,126	$1,291,274
22	Wells	Avg. Total Demand	$4,971,341	$2,661,830	$2,309,511
23	Wells - Treatment	Avg. Potable Demand	$274,239	$17,264	$256,975
24	Wells - Groundwater Management	Avg. Total Demand	$360,908	$193,243	$167,665
25	Wells - Water Quality	Avg. Potable Demand	$1,947,566	$122,605	$1,824,960
26	Water Treatment Equipment	Avg. Potable Demand	$600,205	$37,785	$562,420
27	**Total**		**$75,440,617**	**$13,550,109**	**$61,890,508**
28	***Percent of CIP Costs***		***100%***	***18%***	***82%***

Debt Allocations

The District's debt includes SWP repayment to Central Coast Water Authority (CCWA); SRF loan repayment for the District's share of Cater treatment facilities; and loan repayments for other water quality and meter infrastructure capital costs. The budgeted values are included in the Debt portion of the revenue requirement for the rate setting year, FY 2024.

Table 4-14 shows the allocation of the District's debt revenue requirement. CCWA debt repayment is allocated directly to the SWP cost component. All remaining debt is allocated directly to the CIP cost component.

Table 4-14: Debt Service Allocation

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Line	Functions	Meter	Fire	Customer	SWP	Base	Max Day	Max Hour	Ground-water	Cach-uma	Treat-ment	Pumping	Conser-vation	CIP	General	Debt Service
1	Groundwater	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2	Lake Cachuma	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	State Water	$0	$0	$0	$1,952,049	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,952,049
4	Cater	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
5	Distribution	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
6	T&D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
7	Pumping	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
8	Elevation Pumping	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Wells	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Treatment	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
11	Storage	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	Meters	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Billing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
14	Fire	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
15	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16	Administration	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
17	Capital	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
18	General	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	CIP	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,805,867	$0	$2,805,867
20	**Total**	**$0**	**$0**	**$0**	**$1,952,049**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$2,805,867**	**$0**	**$4,757,915**
21	***Debt Allocation***	***0.0%***	***0.0%***	***0.0%***	***41%***	***0%***	***0%***	***0.0%***	***0.0%***	***0.0%***	***0.0%***	***0.0%***	***0.0%***	***59%***	***0.0%***	***100.0%***

Revenue Offsets

The District generates a modest amount of non-rate revenue which reduces the total revenue required from rates. These non-rate revenues include categories of other operating and non-operating revenues. The revenue offsets are allocated to the water system cost components based on either the operating allocation (**Appendix B**) or the capital asset allocation (**Appendix A**), whichever is most appropriate. The percentage allocated to each cost component is used to allocate the revenue offsets between the various components.

Table 4-15: Revenue Offsets

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Line	Revenue Offsets	Allocation	Meter	Fire	Customer	SWP	Base	Max Day	Max Hour	Ground-water	Cachuma	Treatment	Pumping	Conser-vation	CIP	General	Revenue Offsets
1	Capital Cost Recovery	Capital	$31,184	$2,056	$0	$0	$52,444	$31,096	$17,259	$0	$0	$2,148	$0	$0	$0	$13,814	$150,000
2	Misc Service Revenue	Operating	$2,983	$58	$2,009	$7,279	$11,755	$2,755	$3,585	$3,991	$8,138	$17,932	$643	$1,325	$0	$22,548	$85,000
3	Other Income	Operating	$4,230	$82	$2,849	$10,324	$16,672	$3,908	$5,085	$5,660	$11,542	$25,432	$912	$1,879	$0	$31,979	$120,553
4	Overhead Control	Operating	$3,509	$68	$2,363	$8,564	$13,830	$3,242	$4,218	$4,695	$9,574	$21,096	$756	$1,559	$0	$26,527	$100,000
5	Interest	Operating	$1,754	$34	$1,181	$4,282	$6,915	$1,621	$2,109	$2,348	$4,787	$10,548	$378	$779	$0	$13,264	$50,000
6	Asset Disposal	Capital	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
7	Grant Revenue	Operating	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
8	Interest-COP Funds Restricted	Capital	$1,060	$70	$0	$0	$1,783	$1,057	$587	$0	$0	$73	$0	$0	$0	$470	$5,100
9	Contributed Capital	Capital	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	**Total - Revenue Offsets**		**$44,720**	**$2,367**	**$8,402**	**$30,448**	**$103,399**	**$43,679**	**$32,843**	**$16,694**	**$34,042**	**$77,228**	**$2,689**	**$5,542**	**$0**	**$108,601**	**$510,653**
11	***Revenue Offset Allocation***		***8.8%***	***0.5%***	***1.6%***	***5.9%***	***20.2%***	***8.6%***	***6.4%***	***3.3%***	***6.7%***	***15.1%***	***0.5%***	***1.1%***	***0.0%***	***21.3%***	***100.0%***

Fire Service Allocation

Peak capacity, as represented by Max Day and Max Hour, also includes capacity required to meet demands for firefighting. Max Day and Max Hour costs encompass capacity required to meet peak customer demands, public fire service, and private fire service. **Table 4-16** derives the allocation of Max Day and Max Hour costs to these three components, as outlined in the M1 Manual. The Max Hour fire capacity assumes a three hour fire with 3,000 gpm of capacity required.

The total Max Day capacity demanded for fire (Column C, Line 4) is calculated as follows, with letters representing columns and numbers representing rows:

*C2 kgal/min * 60 min/hour * C1 hours * 1000 gal/kgal * 1 hcf/748 gal*

The Max Hour capacity demanded for fire represents the additional capacity needed above Max Day capacity demanded for fire. Thus, the calculation multiplies the Max Hour capacity by 24 hours to convert it into Max Day increments to subtract the Max Day capacity demanded for fire (Column C, Line 4). The total Max Hour capacity demanded for fire (Column D, Line 4) is calculated as follows:

*[D2 kgal/min * 60 min/hour * 24 hours/day * 1000 gal/kgal * 1 hcf/748 gal] - C4 hcf/day*

Public fire hydrants account for a portion of the total fire capacity (Line 5) based on the proportionate share of the equivalent fire lines (**Table 4-9**, Column E, Line 8). The total capacity demanded for fire (Line 4) is multiplied by the public fire allocation (Line 5) to determine the additional capacity required for public fire service (Line 8). The remaining capacity demanded for fire is allocated to private fire service (Line 9). The customer demand capacity is equal to the Max Day and Max Hour demand for all other customers (**Table 4-4**, Columns G and J, Line 15). The proportion of system capacity for each of these components (Lines 13-17) is later used to allocate Max Day and Max Hour costs across the different cost components.

Table 4-16: Fire Capacity Estimate

A	B	C	D
Line	Fire Capacity Estimate	Max Day	Max Hour
1	Hours for Fire	3	
2	kgals/min	3	3
3			
4	**Capacity Demanded for Fire (hcf/day)**	**722**	**5,053**
5	Allocation to Public Fire	39.8%	39.8%
6			
7	**System Capacity**		
8	Public Fire Capacity	287	2,011
9	Private Fire Capacity	435	3,042
10	Customer Demand Capacity	1,760	6,961
11	**Total**	**2,482**	**12,014**
12			
13	**Proportion of System Capacity**		
14	Public Fire Capacity	11.6%	16.7%
15	Private Fire Capacity	17.5%	25.3%
16	Customer Demand Capacity	70.9%	57.9%
17	**Total**	**100.0%**	**100.0%**

Note that costs to maintain public fire flows is included in the cost of service recovered from rates. This reflects that providing water in the volume and at the pressure required to operate fire hydrants that protect, and fire sprinklers in, structures is a statutory mandate of public water systems in California and such cost recovery is authorized by California Government Code sections 53069.9 and 53750.5. Moreover, charging water users for the portion of the cost of water service associated with fire flows appropriately assigns those costs to those who benefit from them. Sprinklers are within, and serve, structures served by water meters. Hydrants serve parcels improved with structures, as they are not suitable to address fire service calls involving individuals in need of medical aid or vehicle fires (which are fought with fire extinguishers) and are not typically used to fight wildland fires because hydrants rarely serve such land. The California Fire Code requires hydrants near structures, not elsewhere. Thus, those who pay water fees which recover fire flow costs also own or occupy structures protected by fire sprinklers and fire hydrants and therefore benefit from that service. Finally, fire hydrants are used to flush water mains periodically and serve a water-system function, as well as the fire suppression function noted here.

Unit Cost and Allocation to Classes

Table 4-17 shows the units of service. The units of service for the Base, Groundwater, Cachuma, and Conservation cost components are equal to total annual water usage. The units of service for Max Day and Max Hour are equal to the extra capacity demanded across all classes. Meter is based on meter capacity equivalents (EMUs), Fire is based on fire line equivalents, Customer is based on number of customer accounts billed, and SWP is based on DEQ equivalents. Lastly, Pumping is based on the estimated water use requiring elevation pumping.

Table 4-17: Units of Service by Cost Component

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	Customer Class	Meter	Fire	Customer	SWP	Base	Max Day	Max Hour	Ground-water	Cachuma	Treatment	Pumping	Conser-vation
16	**Total**	**92,292**	**3,630**	**55,200**	**92,488**	**1,780,610**	**1,760**	**6,961**	**1,780,610**	**1,780,610**	**856,065**	**197,827**	**1,780,610**
17	Units of Service	EMU/yr	EFL/yr	Bills/yr	EMU/yr	hcf	hcf/day	hcf/day	hcf	hcf	hcf	hcf	hcf

Table 4-19 shows the allocation of the revenue requirement to each cost component. Please note that the revenue requirement (Column Q, Lines 5, 9, and 11) is equal to the revenue required from rates (**Table 4-1**, Line 13). Operating expenses (Line 1) are derived from the operating revenue requirement (**Table 4-1**, Operating Line 15) and are allocated to each cost component based on the operating expense allocation in **Apppendix B**. Debt expenses (Line 2) are derived from the debt revenue requirement in **Table 4-1**, Line 5. Debt expenses are allocated to the system cost components based on the allocations derived in **Table 4-14**. Capital expenses (Line 3) are based on the capital revenue requirement (**Table 4-1**, Line 5) and are allocated directly to the CIP component. Revenue offsets (Line 4) are allocated based on the allocation percentages derived in **Table 4-15**.

Public fire costs (Line 6) are reallocated to Meter from Max Day and Max Hour based on the public fire protection of system capacity (**Table 4-16**, Line 14). Public fire service is a benefit shared by all customers and connections to the water system. Similarly, private fire costs (Line 7) are reallocated to the Private Fire cost component from Max Day and Max Hour based on the private fire proportion of system capacity (**Table 4-16**, Line 15). Lastly, General (indirect) costs (Line 10) are reallocated to all cost components based on their proportional share of total costs (Line 9).

The resulting allocation of costs (Line 11) are then divided by the units of service for each cost component (Line 13) to derive the unit cost per cost component (Line 16). Units of service in Line 13 are from Table 4-17 and are translated into annual terms where necessary (e.g., number of accounts multiplied by 12 to derive the number of bills per year subject to the Customer cost component).

Table 4-20 shows the allocation of the revenue requirement to each customer class and tier based on the unit costs for each component (**Table 4-18**, Line 16). The unit costs for each cost component are multiplied by the units of service in each class and tier (**Table 4-17**). Please note that the total cost of service (Column P, Line 16) is equal to the total revenue required from rates (**Table 4-1**, Line 13).

Table 4-18: Adjusted Cost of Services

A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	O	Q
Line	Revenue Requirement	Meter	Fire	Customer	SWP	Base	Max Day	Max Hour	Ground-water	Cachuma	Treatment	Pumping	Conser-vation	General	CIP	Total
	Operating Expenses	$329,502	$6,360	$221,895	$804,177	$1,298,676	$304,414	$396,090	$440,898	$899,085	$1,981,034	$71,010	$146,371	$2,491,038		$9,390,551
1	Debt Expenses	$0	$0	$0	$1,952,049	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,805,867	$4,757,915
2	Capital Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,564,028	$1,564,028
3	Revenue Offsets	($38,155)	($2,019)	($7,168)	($25,978)	($88,219)	($37,266)	($28,021)	($14,243)	($29,044)	($65,890)	($2,294)	($4,728)	$0	($65,890)	($435,685)
4	**Total - Cost of Service**	**$291,348**	**$4,341**	**$214,727**	**$2,730,248**	**$1,210,457**	**$267,148**	**$368,068**	**$426,655**	**$870,041**	**$1,915,144**	**$68,716**	**$141,643**	**$4,369,895**	**$1,915,144**	**$15,276,810**
5	Allocation of Public Fire Costs	$92,543					($30,923)	($61,619)								$0
6	Allocation of Private Fire Costs		$139,974				($46,773)	($93,201)								$0
7	Allocation of Fire Costs	$1,728	($1,728)													$0
8	**Total - Cost of Service with Fire**	**$385,618**	**$142,587**	**$214,727**	**$2,730,248**	**$1,210,457**	**$189,452**	**$213,248**	**$426,655**	**$870,041**	**$1,915,144**	**$68,716**	**$141,643**	**$4,369,895**	**$1,915,144**	**$15,276,810**
9	Allocation of General Costs	$71,815	$26,554	$39,989	$508,460	$225,426	$35,282	$39,714	$79,457	$162,030	$356,662	$12,797	$26,379	$813,816	$356,662	$0
10	**Total - Adjusted Cost of Service**	**$457,432**	**$169,142**	**$254,716**	**$3,238,708**	**$1,435,883**	**$224,734**	**$252,961**	**$506,112**	**$1,032,071**	**$2,271,805**	**$81,513**	**$168,022**	**$5,183,710**	**$2,271,805**	**$15,276,810**

Table 4-19: Cost Allocations and Unit Rates

		Fixed				Variable										
Cost Components	Cost of Service	Meter	Private Fire	Customer	SWP-Fixed	Base	Max Day	Max Hour	Groundwater	Cachuma	SWP-Variable	Treatment	Pumping	Conservation	CIP	Total
Base	$1,435,883	0%				100%										100%
Max Day	$224,734	0%					100%									100%
Max Hour	$252,961	0%						100%								100%
Groundwater	$506,112								100%							100%
Cachuma	$1,032,071									100%						100%
SWP	$3,238,708				97%						3%					100%
Treatment	$2,271,805											100%				100%
Pumping	$81,513												100%			100%
Conservation	$168,022													100%		100%
CIP	$5,183,710														100%	100%
Fire	$169,142		100%													100%
Meter	$457,432	100%														100%
Customer	$254,716			100%												100%
Total	**$15,276,810**	**$457,432**	**$169,142**	**$254,716**	**$3,127,565**	**$1,435,883**	**$224,734**	**$252,961**	**$506,112**	**$1,032,071**	**$111,143**	**$2,271,805**	**$81,513**	**$168,022**	**$5,183,710**	**$15,276,810**
		$603,248	$440,465	$229,962	$2,823,580	$1,642,849	$757,283	$573,620	$456,927	$931,772	$100,341	$2,051,028	$73,591	$151,693	$4,620,177	$15,456,537
Units of Service		**92,292**	**3,630**	**55,200**	**92,488**	**1,780,610**	**1,760**	**6,961**	**1,780,610**	**1,780,610**	**1,780,610**	**856,065**	**197,827**	**1,780,610**		
		EMU/yr	EL/yr	bills/yr	EMU/yr	hcf	hcf/day	hcf/day	hcf	hcf	hcf	hcf	hcf	hcf		
Unit Cost		**$4.96**	**$46.59**	**$4.61**	**$33.82**	**$0.81**	**$127.67**	**$36.34**	**$0.28**	**$0.58**	**$0.06**	**$2.65**	**$0.41**	**$0.09**		
		EMU	EL	bill	EMU	hcf	hcf/day	hcf/day	hcf	hcf	hcf	hcf	hcf	hcf		

Table 4-20: Cost of Service, by Cost Component and Customer Class

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R
Line	Customer Class	Meter	Fire	Customer	SWP - Fixed	Base	Max Day	Max Hour	Ground-water	Cachuma	SWP - Variable	Treatment	Pumping	Conser-vation	CIP	Total
1	**Residential**	$280,272		$207,095	$1,944,139								$10,913	$59,012	$3,404,293	**$8,804,869**
2	*Tier 1*					$289,785	$10,055	$40,516	$102,142	$208,289	$22,431	$953,651				
3	*Tier 2*					$106,416	$15,693	$18,460	$37,509	$76,489	$8,237	$350,203				
4	*Tier 3*					$108,105	$44,076	$27,150	$38,104	$77,703	$8,368	$355,763				
5																
6	**Com/Ind/Pub**	$62,549		$18,550	$401,464								$539	$16,268	$811,520	**$2,107,325**
7	*Tier 1*					$106,653	$4,626	$15,188	$37,593	$76,659	$8,255	$350,985				
8	*Tier 2*					$32,367	$12,495	$7,919	$11,409	$23,264	$2,505	$106,516				
9																
10	**Agriculture**	$109,060		$21,208	$744,088	$745,553	$135,819	$137,055	$262,788	$535,882	$57,709	$0	$70,061	$87,242	$931,061	**$4,086,589**
11	*Agriculture REQ*					$43,458	$1,508	$6,076	$15,318	$31,237	$3,364	$143,017		$5,085		
12																
13	**Temporary**	$5,551		$443	$37,874	$3,546	$461	$597	$1,250	$2,549	$274	$11,669	$0	$415	$36,836	**$101,466**
14	**Fire**		$169,142	$7,420	$0											**$176,562**
15																
16	**Total**	**$457,432**	**$169,142**	**$254,716**	**$3,127,565**	**$1,435,883**	**$224,734**	**$252,961**	**$506,112**	**$1,032,071**	**$111,143**	**$2,271,805**	**$81,513**	**$168,022**	**$5,183,710**	**$15,276,810**

5. Rate Design and Derivation

This section details the calculation of the proposed water rates developed in the Study. Numbers shown in the tables of this section are rounded. Therefore, hand calculations based on the displayed numbers, such as summing or multiplying, may not equal the exact results shown in this report. All rates shown in this section are rounded up to the nearest cent.

Monthly Meter Charges

Table 5-1 shows the monthly meter charge calculation, which consists of the Meter, SWP, and Customer cost components. As identified earlier, the Meters cost component is derived based on total equivalent meter capacity units. The Meter unit cost (**Table 4-18**, Column C, Line 16) is multiplied by the capacity ratio for each meter size (Column C) to accurately recover the share of costs by meter size. Similarly, the SWP unit cost (**Table 4-18**, Column F, Line 16) is multiplied by the ratio for each meter size (Column C) to appropriately reflect the share of cost by meter size. All MFR and Hospitality connections' SWP component is at the DEQ unit cost determined in the COS using the DEQ ratio (**Table 3-2**). Customer costs do not vary with meter size and therefore the Customer unit cost (**Table 4-18**, Column E, Line 16) is applied uniformly across all meter sizes. These components are added together to derive at the total proposed monthly meter charge for FY 2024 (Column G). Note that this cost is shown on the District's rate schedule (and later in this section) as two charges: the Basic Service Charge which combines the Meter and Customer components; and the SWP Service Charge.

Table 5-1: Monthly Meter Charge Calculation (Basic and SWP)

A	B	C	D	E	F	G	H	I
Line	Meter Size	Capacity Ratio	Meter	SWP	Customer	Proposed Charge	Current Charge	Difference ($)
1	3/4"	1.00	$4.96	$33.82	$4.61	**$43.39**	$42.03	$1.36
2	1"	1.67	$8.26	$56.36	$4.61	**$69.24**	$67.37	$1.87
3	1 1/2"	3.33	$16.52	$112.72	$4.61	**$133.86**	$130.72	$3.14
4	2"	5.33	$26.43	$180.35	$4.61	**$211.40**	$206.74	$4.66
5	3"	11.67	$57.82	$394.52	$4.61	**$456.96**	$447.48	$9.48
6	4"	21.00	$104.08	$710.14	$4.61	**$818.83**	$802.25	$16.58
7	6"	43.33	$214.78	$1,465.36	$4.61	**$1,684.75**	$1,651.17	$33.58
8	MFR – Individual		$4.96	$15.76	$4.61	**$25.33**	$25.28	$0.05
9	MFR – MMR		Depends on Size	$15.76	$4.61			
10	Hospitality		Depends on Size	$8.58	$4.61			

Monthly Private Fire Charges

Table 5-2 shows the calculation of the monthly private fire charge. The Private Fire unit cost (**Table 4-18**, Column D, Line 16) is multiplied by the fire ratio (Column C), at each line size to arrive at the Private Fire cost for each fire line size. Like the monthly meter charge calculation, Customer costs do not vary between customer types or meter sizes; therefore, the Customer unit cost is applied uniformly across all line sizes. These two components are added together to derive the proposed monthly private fire service charge for FY 2024 (Column G).

Table 5-2: Monthly Private Fire Charge Calculation

A	B	C	D	G	H	I	J
Line	Fire Line Size	Fire Ratio	Private Fire	Customer	Proposed Charge	Current Charge	Difference ($)
1	2"	0.16	$7.53	$4.61	**$12.14**	$15.32	($3.18)
2	3"	0.47	$21.86	$4.61	**$26.48**	$36.85	($10.37)
3	4"	1.00	$46.59	$4.61	**$51.21**	$73.99	($22.78)
4	6"	2.90	$135.35	$4.61	**$139.96**	$207.27	($67.31)
5	8"	6.19	$288.43	$4.61	**$293.05**	$437.16	($144.11)
6	10"	11.13	$518.70	$4.61	**$523.31**	$782.97	($259.66)

Water Usage Rate Components

The District's water usage rates consist of six different cost components: Base, Peaking (the combination of Max Day and Max Hour cost components), Supply (which includes Groundwater and Cachuma), SWP-Variable costs, Treatment, and Conservation. The following section presents the derivations of the Peaking, Supply, and Conservation components by customer class and tier. The Base, SWP -Variable, and Treatment components are uniform for each unit of water, regardless of class or tier, and are derived directly in **Table 4-18** (Column G, Line 16 for Base and Column L, Line 13 for Treatment) and **Table 4-19** (for SWP – Variable).

Table 5-3 shows the Peaking unit cost calculation. Max Day and Max Hour costs (**Table 4-20**, Columns H and I) are summed together for each customer class and tier to determine total peaking costs (Column D). Peaking costs are divided by annual use (Column C) to determine the Peaking unit cost (Column E) for each class and tier.

Table 5-3: Peaking Unit Cost Calculation

A	B	C	D	E
Line	Customer Class	Annual Use (hcf)	Peaking Costs	Peaking Unit Cost
1	**Residential**			
2	Tier 1	359,356	$50,571	$0.14
3	Tier 2	131,964	$34,154	$0.26
4	Tier 3	134,059	$71,227	$0.53
5				
6	**Com/Ind/Pub**			
7	Base	132,259	$19,814	$0.15
8	Peak	40,138	$20,414	$0.51
9				
10	**Agriculture**	924,545	$272,874	$0.30
11	Agriculture REQ[9]	53,892	$7,584	$0.14
12				
13	**Temporary**	4,397	$1,058	$0.24
14				
15	**Total**	**1,780,610**	**$477,696**	

Table 5-4 shows the supply cost calculation for the water use rates. The District receives water from three sources: the SWP, Lake Cachuma, and groundwater from the Carpinteria Basin. SWP fixed supply costs are recovered on the fixed charges, only SWP variable costs are recovered on the water use rates. Lake Cachuma and groundwater supply costs are recovered from the variable water use rates and differentiated as local supplies.

[9] Agriculture REQ peaking costs are captured in the Agriculture REQ calculation in Table 5-9.

District staff provided estimated delivery/production amounts for FY 2024 (Line 1). The estimated water demand (Column E, Line 4) is allocated to each source of supply based on the proportion of estimated delivery/production (Line 2). The water supply costs (Line 5) are derived from the District's operating budget and include the indirect General cost allocation in **Table 4-18**. The unit cost for each source (Line 6) is calculated by dividing the supply costs (Line 5) by the estimated annual use (Line 4) of each source.

Table 5-4: Water Supply Costs by Source

A	B	C	D	E
Line	Water Sources	Cachuma	Groundwater	Total
1	AFY Estimate	2,512	1,000	**3,512**
2	Percent of Total	72%	28%	100%
3				
4	Annual Use (hcf)	1,273,603	507,007	1,780,610
5	Total Cost of Service	$1,032,071	$506,112	$1,538,183
6	**Unit Rate ($/hcf)**	**$0.81**	**$1.00**	**$0.86**

Table 5-5 shows the allocation of water supply to each class and tier. Water supply from each of the two local sources is allocated to each customer class equally based on their proportion of total water use.

Table 5-5: Water Supply Allocation

A	B	C	D	E
Line	Customer Class	Annual Use (hcf)	Cachuma	Groundwater
1	**Residential**			
2	Tier 1	359,356	257,034	102,322
3	Tier 2	131,964	94,389	37,575
4	Tier 3	134,059	95,887	38,172
5	**Total - Residential**	**625,379**	**447,310**	**178,069**
6				
7	**Com/Ind/Pub**			
8	Base	132,259	94,600	37,659
9	Peak	40,138	28,709	11,429
10	**Total - Com/Ind/Pub**	**172,396**	**123,309**	**49,088**
11				
12	**Agriculture**	924,545	661,292	263,253
13				
14	**Temporary**	4,397	3,145	1,252
15				
16	**Total**	**1,780,610**	**1,273,603**	**507,007**

Table 5-6 shows the Supply unit cost for each customer class and tier. The amount of water available from each source is allocated to each customer class equally based on proportion of water usage (**Table 5-5**), however, *within* the Residential customer class, Tier 1 receives the least expensive source of water first to promote affordability of water for essential water uses. Cachuma is the cheapest source. Allocating the cheapest source of water for the lower tiers aligns with Article X, Section 2 of the California Constitution, which mandates that water resources are allocated to beneficial use; indoor use for public health and safety (which is represented by Tier 1) is the most essential use of water.

Demand in both Residential Tier 2 and Com/Ind/Pub Base is greater than the volume of groundwater available and so a portion of groundwater supply is required to meet demand in those tiers, yielding a blended supply rate. Demand in Residential Tier 3 along with the Peak tier demand for the Com/Ind/Pub class is supplied with

groundwater alone. The uniform classes for Agriculture and Temporary service represent a blended rate, derived in **Table 5-4**. The average supply cost for all classes (**Table 5-6**, Lines 5, 10, 12, and 14) are equal as intended.

Table 5-6: Supply Unit Cost Calculation

A	B	C	D	E	F
Line	Customer Class	Annual Use (hcf)	Cachuma	Groundwater	Supply Unit Cost
1	**Residential**				
2	Tier 1	359,356	359,356	0	$0.81
3	Tier 2	131,964	87,954	44,010	$0.87
4	Tier 3	134,059	0	134,059	$1.00
5	**Total - Residential**	**625,379**	**447,310**	**178,069**	**$0.86**
6					
7	**Com/Ind/Pub**				
8	Tier 1/Base	132,259	123,309	8,950	$0.82
9	Tier 2/Peak	40,138	0	40,138	$1.00
10	**Total - Com/Ind/Pub**	**172,396**	**123,309**	**49,088**	**$0.86**
11					
12	**Agriculture**	924,545	661,292	263,253	$0.86
13					
14	**Temporary**	4,397	3,145	1,252	$0.86
15					
16	**Total**	**1,780,610**	**1,273,603**	**507,007**	**$0.86**

Table 5-7 shows the Conservation unit cost calculation. Conservation costs (**Table 4-20**, Column N) are summed together for all customers at the class level. For Residential customers, Conservation costs are entirely allocated to Tier 3 since that tier represents use greater than the average summertime outdoor irrigation demands of the class. Com/Ind/Pub class Conservation cost responsibility is recovered entirely in the Peak tier. The unit rate of Conservation costs for each class is equal as intended.

Table 5-7: Conservation Unit Cost Calculation

A	B	C	D	E	F
Line	Customer Class	Annual Use (hcf)	Applied Usage	Conservation Costs	Conservation Unit Cost
1	**Residential**				
2	Tier 1	359,356	0%	$0	$0.00
3	Tier 2	131,964	0%	$0	$0.00
4	Tier 3	134,059	100%	$59,012	$0.44
5	**Total - Residential**	**625,379**		**$59,012**	**$0.09**
6					
7	**Com/Ind/Pub**				
8	Tier 1	132,259	0%	$0	$0.00
9	Tier 2	40,138	100%	$16,268	$0.41
10	**Total - Com/Ind/Pub**	**172,396**		**$16,268**	**$0.09**
11					
12	**Agriculture**	924,545	100%	$87,242	$0.09
14					
15	**Temporary**	4,397	100%	$415	$0.09
16					
17	**Total**	**1,780,610**		**$168,022**	**$0.09**

Water Usage Rates

Table 5-8 shows the water usage rate calculation for all customer classes and tiers based on the following unit costs:

- Base (**Table 4-18**, Column G, Line 16)
- Peaking (**Table 5-3**, Column E)
- Supply (**Table 5-6**, Column F and **Table 4-19**)
- Treatment (**Table 4-18**, Column L, Line 16)
- Conservation (**Table 5-7**, Column F)

The proposed rates in Column H are the sum of the five rate components in Columns C through G. All rates are rounded to the nearest penny.

Table 5-8: Water Usage Rate Calculation

A	B	C	D	E	F	G	H	I	J	
Line	Customer Class	Base	Peaking	Supply	SWP-Variable	Treatment	Conserv-ation	Proposed Rate ($/hcf)	Current Rate ($/hcf)	Difference ($)
1	**Residential**									
2	Tier 1	$0.81	$0.14	$0.81	$0.06	$2.65	$0.00	**$4.47**	$3.26	$1.21
3	Tier 2	$0.81	$0.26	$0.87	$0.06	$2.65	$0.00	**$4.65**	$4.93	($0.28)
4	Tier 3	$0.81	$0.53	$1.00	$0.06	$2.65	$0.44	**$5.49**	$5.67	($0.18)
5										
6	**Com/Ind/Pub**									
7	Base	$0.81	$0.15	$0.82	$0.06	$2.65	$0.00	**$4.50**	$3.76	$0.74
8	Peak	$0.81	$0.51	$1.00	$0.06	$2.65	$0.41	**$5.43**	$6.06	($0.63)
9										
10	**Agriculture**	$0.81	$0.30	$0.86	$0.06	$0.00	$0.09	**$2.12**	$2.02	$0.10
11	**Temporary**	$0.81	$0.24	$0.86	$0.06	$2.65	$0.09	**$4.72**	$3.76	$0.96

Agriculture REQ Charge

Table 5-9 shows the calculation for the proposed Agricultural REQ charge based on the cost of service analysis. Estimated annual residential use on Agricultural connections (9 hcf per dwelling unit per month) is multiplied by the uniform Agricultural water use rate to determine the amount of rate revenue generated at the Agricultural water use rate (Line 3). Next, the calculated amount is subtracted from the REQ cost of service (**Table 4-20**, Column P, Line 11) to determine the net amount of revenue required from REQ charges (Line 7). Lastly the REQ requirement (Line 7) is divided by the number of residential dwelling units and the number of billing periods to yield the monthly REQ charge. The monthly charge is rounded up to the nearest cent.

Table 5-9: Agriculture REQ Charge Calculation

A	B	C
Line	Agriculture REQ Charge	Calculation
1	Annual Use (hcf)	53,892
2	Agriculture Rate ($/hcf)	$2.12
3	**Amount Charged at Ag Rate**	**$114,368**
4		
5	Cost of Service	$249,064
6	Less Charged at Ag Rate	($114,368)
7	**REQ Requirement**	**$134,696**
8		
9	Dwelling Units	499
10	**Monthly Ag REQ Charge ($/unit)**	**$22.49**

Pressure Zone Surcharge

The District incurs electrical power costs associated with serving customers in higher elevation zones. The District is categorized into three zones: Base zone, Pressure Zone I and Pressure Zone II. The District applies a surcharge on all units delivered to Pressure Zone I and Pressure Zone II to recover costs from the customers served. **Table** 5-10 shows the calculation of the pressure zone surcharges for Pressure Zone I and II. The power (Pumping) costs derived in the cost of service (Line 2) are allocated based on the percentage of O&M costs for each zone, which was provided by District staff. Then costs are divided by the units of water delivered in each zone. Units pumped to Zone II must first go through Zone I, therefore the units of water delivered to Zone I (Column C, Line 4) is equal to all units pumped to both pressure zones (**Table 4-17**, Column M). The units of water delivered to Zone II (Column D, Line 4) is equal to the units pumped only through Zone II.

The resulting rate is the incremental cost of pumping. Pressure Zone I customers pay only the incremental cost to deliver water to Pressure Zone I. Pressure Zone II customers pay the sum of the incremental costs (Line 5) for water that are elevated first to Pressure Zone I and then through Pressure Zone II. The District applies the proposed surcharge as an additional uniform rate to a customer's water use rate if they are served in the two upper zones.

Table 5-10: Pressure Zone Surcharge Calculation

A	B	C	D
Line	Pressure Zone Surcharge	Pressure Zone I	Pressure Zone II
1	Cost of Service	$63,694	$17,819
2	Usage (hcf)	197,827	53,593
3	Unit Cost	$0.32	$0.33
4	**Surcharge**	**$0.32**	**$0.65**

Capital Charges

Capital charges recover the costs of non-SWP debt service as well as PAYGO capital. The total capital costs to be recovered are derived in **Table 4-18**, Column O, Line 11. This total is apportioned between Agricultural and M&I user classes based on the cost allocation derived in

Table 4-13, Line 28. Agricultural customers capital costs are recovered from the Ag O&M charge while M&I customers capital costs are recovered from the variable CIP charges.

Table 5-11 derives the Agricultural O&M Charge cost per equivalent meter. The total Agricultural capital cost allocation (**Table 4-20**, Column O, Line 10) is divided by the total number of annual EMUs (**Table 4-6**, Column F, Line 8 multiplied by 12 months) **Table 4-10** to yield the unit cost per EMU per month. An EMU is equal to a 3/4" meter.

Table 5-11: Agricultural O&M Unit Cost

A	B	C
Line	Agricultural O&M Charge	Calculation
1	Agriculture CIP Costs	$931,061
2	Annual Agriculture EMUs	22,004
3	**Unit Cost per EMU per month**	**$42.31**

Table 5-12 derives the proposed Agricultural O&M charges. The Agricultural O&M unit cost (**Table 5-11**, Column C, Line 3) is multiplied by the capacity ratio at each meter size (Column C) to accurately recover the share of costs by meter size.

Table 5-12: Agricultural O&M Charge Calculation

A	B	C	D	E	F
Line	Agricultural O&M Charge	Meter Capacity Ratio	Proposed Ag O&M Charge	Current Ag O&M Charge	Difference ($)
1	3/4"	1.00	**$42.31**	$40.54	$1.77
2	1"	1.67	**$70.52**	$67.56	$2.96
3	1 1/2"	3.33	**$141.04**	$135.11	$5.93
4	2"	5.33	**$225.67**	$216.18	$9.49
5	3"	11.67	**$493.65**	$472.88	$20.77
6	4"	21.00	**$888.58**	$851.18	$37.40
7	6"	43.33	**$1,833.58**	$1,756.41	$77.17

Table 5-13 derives the proposed variable CIP charge for all M&I customers (SFR, MMR, and Com/Ind/Pub, and Temporary). Total capital costs to be recovered from M&I classes (**Table 4-20**, Column O, Lines 1, 6, and 13) are divided by the estimated annual use subject to the charge.

Table 5-13: M&I CIP Charge Calculation

A	B	C
Line	Variable CIP Charge	Calculation
1	**Non-Agriculture CIP Costs**	**$4,254,292**
2	5-Year Average Use[10] (hcf)	762,985
3	**Proposed CIP Charge ($/hcf)**	**$5.58**
4	Current Charge ($/hcf)	$4.63
5	Difference ($)	$0.95

[10] Represents billing units subject to the CIP charge with a minimum charge for 4 hcf and maximum charge for 125 hcf.

Rate Schedule

Table 5-14 through **Table 5-21** show the proposed rate schedules for all rates for FY 2024 through FY 2026. Proposed FY 2024 rates reflect the cost of service rates, inclusive of the overall 7.5 percent revenue increase. Proposed FY 2025 and FY 2026 rates are increased by 7.5 percent each year, across all rates and charges.

Table 5-14: Proposed Basic Service Charge Schedule

Basic Service Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
3/4"	$9.61	$9.58	$10.30	$11.08
1"	$13.35	$12.88	$13.85	$14.89
1 1/2"	$22.68	$21.14	$22.73	$24.44
2"	$33.87	$31.05	$33.38	$35.89
3"	$69.32	$62.44	$67.13	$72.17
4"	$121.57	$108.70	$116.86	$125.63
6"	$246.59	$219.40	$235.86	$253.55

Table 5-15: Proposed State Water Project Service Charge Schedule

SWP Service Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
3/4"	$32.42	$33.82	$36.36	$39.09
1"	$54.02	$56.37	$60.60	$65.15
1 1/2"	$108.04	$112.73	$121.19	$130.28
2"	$172.87	$180.36	$193.89	$208.44
3"	$378.16	$394.53	$424.12	$455.93
4"	$680.68	$710.14	$763.41	$820.67
6"	$1,404.58	$1,465.37	$1,575.28	$1,693.43
MFR - Individual	$15.67	$15.76	$16.95	$18.23
MFR - MMR (per dwelling unit)	$15.67	$15.76	$16.95	$18.23
Hospitality		$8.59	$9.24	$9.94

Table 5-16: Proposed Fire Service Charge Schedule

Fire Service Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
2"	$15.32	$12.15	$13.07	$14.06
3"	$36.85	$26.48	$28.47	$30.61
4"	$73.99	$51.21	$55.06	$59.19
6"	$207.27	$139.97	$150.47	$161.76
8"	$437.16	$293.05	$315.03	$338.66
10"	$782.97	$523.32	$562.57	$604.77

Table 5-17: Proposed Water Use Rate Schedule

Consumption Charges	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
Residential				
Tier 1	$3.26	$4.48	$4.82	$5.19
Tier 2	$4.93	$4.66	$5.01	$5.39
Tier 3	$5.67	$5.50	$5.92	$6.37
Com/Ind/Pub				
Tier 1	$3.76	$4.50	$4.84	$5.21
Tier 2	$6.06	$5.44	$5.85	$6.29

Temporary	$3.76	$4.73	$5.09	$5.48
Agriculture	$2.02	$2.13	$2.29	$2.47

Table 5-18: Proposed Agriculture REQ Charge Schedule

Agriculture Residential Equivalency Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
Rate per dwelling unit	$17.24	$22.50	$24.19	$26.01

Table 5-19: Proposed M&I CIP Charge Schedule

M&I CIP Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
Rate per hcf	$4.63	$5.58	$6.00	$6.45

Table 5-20: Proposed Agriculture O&M Charge Schedule

Agriculture O&M Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
3/4"	$40.54	$42.32	$45.50	$48.92
1"	$67.56	$70.53	$75.82	$81.51
1 1/2"	$135.11	$141.05	$151.63	$163.01
2"	$216.18	$225.68	$242.61	$260.81
3"	$472.88	$493.66	$530.69	$570.50
4"	$851.18	$888.58	$955.23	$1,026.88
6"	$1,756.41	$1,833.58	$1,971.10	$2,118.94

Table 5-21: Proposed Pressure Zone Charge Schedule

Pressure Zone Charge	Current FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026
Pressure Zone I	$0.24	$0.33	$0.36	$0.39
Pressure Zone II	$0.49	$0.66	$0.71	$0.77

Customer Impacts

Table 5-22 shows the monthly bill impacts at various levels of usage for a SFR customer with a 3/4" meter. Almost all SFR connections are 3/4". The median and average SFR bill is 7 hcf and 11 hcf per month, respectively. A median use bill will experience a $15.59 increase to their charges and an average use bill will experience a $18.47 increase compared to their current charges.

Table 5-22: Residential Customer Impacts

A	B	C	D	E	F
Line	Residential Customer Impacts	Usage (hcf)	Current Monthly Bill	Proposed Monthly Bill	Difference ($)
1	Very Low Use (15th percentile)	3	$79.59	$79.16	($0.43)
2	Low Use (30th percentile)	5	$86.11	$93.70	$7.59
3	Median Use (50th percentile)	7	$98.93	$114.00	$15.07
4	Average Use	11	$137.17	$154.96	$17.79

5	High Use (80th percentile)	14	$165.85	$185.68	$19.83
6	Very High Use (95th percentile)	29	$318.87	$350.20	$31.33

6. Drought Rates

Background

Raftelis developed updated drought rates, also referred to as drought surcharges, as part of this Study. The District adopted its existing Water Shortage Contingency Plan in 2020 as part of the Urban Water Management Plan (UWMP) update. The plan details the voluntary and/or mandated reductions by drought stage. The resulting drought rates align with Proposition 218 requirements and allow the District to reliably recover the necessary revenue to fully fund the water system during times of reduced water demand. While some tables in this section show all stages of drought and the respective use and revenue loss implications, drought rates are only shown for Stages 1 and 2. Within the three-year rate adoption cycle the District does not anticipate declaring any shortage greater than Stage 2.

Process and Approach

Drought rates are governed by the requirements of Proposition 218 and Article X of the California Constitution. The development of drought rates must show a nexus between the costs of providing water service and the rates charged to customers.

Drought rates are designed to recover lost revenue due to reduction in water use during each state, to incorporate the potential changes to the District's water supply sources and their corresponding costs, to align with specific drought stages outlined in the 2020 Water Shortage Contingency Plan, and to provide financial flexibility for the District when declaring drought stages and implementing the appropriate drought rates. The proposed drought rates are based on the District's proposed water rates for FY 2024, which if adopted will go into effect July 1, 2023.

There are four steps to calculate drought rates, which include:

1. Allocating water reductions between various customer classes based on defined stages
2. Calculating financial impacts (i.e., the net revenue loss) to the District at each stage
3. Determining the most appropriate drought cost recovery mechanism (rate structure)
4. Evaluating financial impacts to customers

Drought Allocations and Costs

This section details the water usage allocations and financial impacts of each drought stage, which results in the total amount of revenue to be collected from drought rates in each stage. Numbers shown in the tables of this section are rounded. Therefore, hand calculations based on the displayed numbers, such as summing or multiplying, may not equal the exact results shown in this report.

Water Allocations

The first step in the development of drought rates involves allocating water usage reductions between the District's customer classes based on the drought stages defined in the Water Shortage Contingency Plan. **Table 6-1** shows the water usage reduction percentages by customer class for drought stages 1 through 6.

Table 6-1: Drought Stages and Demand Reduction

A	B	C	D	E	F	G	H	I
Line	Water Reduction	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6

1	Residential	0%	10%	20%	30%	40%	50%	60%
2	Commercial, Industrial, & Public Authority	0%	10%	20%	30%	40%	50%	60%
3	Agricultural Irrigation	0%	10%	20%	30%	40%	50%	60%

Once the water reductions are determined, water use by customer class, at each drought stage, is calculated. **Table 6-2** shows the estimated water use in hcf at each stage of shortage. These reductions align with the percent reductions for each class. Note, however, that for purposes of estimating revenue loss it is assumed that higher and more discretionary water use is reduced first (i.e. Tiers 2 and 3 Residential and Peak for Commercial, Industrial, and Public Authority). The baseline water demands total approximately 4,000 AF (Column C), as determined in the Water Shortage Contingency Plan. The total usage reduction in each stage remains consistent with the target reductions in **Table 6-1.**

Table 6-2: Estimated Water Usage by Stage

A	B	C	D	E	F	G	H	I
Line	Water Sales (hcf)	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
1	Residential							
2	Tier 1 (6 hcf)	359,356	359,356	359,356	359,356	359,356	304,643	244,753
3	Tier 2 (next 10 hcf)	131,964	131,964	131,698	71,809	11,920	6,744	5,398
4	Tier 3 (>16 hcf)	134,059	71,521	9,249	6,600	3,952	1,303	0
5								
6	Commercial, Industrial, & Public Authority							
7	Base	132,259	132,259	132,259	120,677	103,438	86,198	68,959
8	Peak	40,138	22,898	5,658	0	0	0	0
9								
10	Agricultural Irrigation	941,947	847,752	753,558	659,363	565,168	470,974	376,779
11								
12	Temporary	4,397	3,958	3,518	3,078	2,638	2,199	1,759
13								
14	**Total Water Sales**	**1,744,120**	**1,569,708**	**1,395,296**	**1,220,884**	**1,046,472**	**872,060**	**697,648**
15	*% Reduction*	*0%*	*10%*	*20%*	*30%*	*40%*	*50%*	*60%*

Financial Impacts

The next step in calculating drought rates is to determine the financial impacts to the District during each stage of drought. The cost implications of droughts consider the following:

- Reduced variable charge revenue due to water usage reductions in each drought stage
- Potential changes to operating costs, which include avoided costs of purchasing and producing less supply

For the District, the most significant financial consequence is the loss of consumption-based revenue, the severity of which depends on the drought stage. The water shortage cost analysis uses proposed FY 2024 water usage rates (**Table 1-5**) to calculate variable charge revenue estimates for Stages 1 through 6. FY 2024 rates are proposed for implementation on July 1, 2023. **Table 6-3** shows the water usage rate revenue projections for Stages 1 through 6 compared to the Baseline scenario. This is calculated for each customer class and tier based on the proposed FY 2024 water use rates.

Table 6-3: Difference in Water Use Revenue

A	B	C	D	E
Line	Costs	Baseline	Stage 1	Stage 2
1	Revenue	$14,378,174	$13,484,775	$12,544,355
2	Difference		$893,399	$1,833,820

Table 6-4 shows the cost savings at Stage 1 and Stage 2[11]. Because the District produces less water at each stage, variable unit costs associated with purchasing and producing water is avoided at each drought stage.

Table 6-4: Cost Savings

A	B	C	D	E
Line	Cost Savings	Baseline	Stage 1	Stage 2
1	Water Supply Costs	$3,985,403	$3,800,769	$3,610,040
2	Cost Savings		$184,634	$375,363

Table 6-5 shows the total drought costs for Stages 1 and 2, which include the variable revenue loss (**Table 6-3**) and water supply cost savings (**Table 6-4**). The total drought costs are apportioned to fixed and variable drought surcharge components. Two-thirds of the drought cost is recovered from fixed charges and one-third recovered from variable rates.

Table 6-5: Total Drought Costs

A	B	C	D
Line	Drought Costs	Stage 1	Stage 2
1	Lost Revenue	$893,399	$1,833,820
2	O&M Savings	($184,634)	($375,363)
3	**Total Drought Cost**	**$708,766**	**$1,458,457**

Drought Rate Structure

Drought rates are designed to recover the financial impacts due to droughts and are intended as a revenue-generating mechanism. Because of this, drought rates are subject to Proposition 218 requirements, which requires a nexus between the costs of drought and the drought rates charged to the District's customers.

After determining the drought costs, by stage, the next step is to determine the drought cost recovery mechanism, or rate structure, that best meets the needs of the District and its customers. Based on direction provided by District staff and the Board of Directors, a hybrid approach was selected. The fixed drought rate is charged by meter size and the variable rate is calculated as a proportion of drought rate cost recovery. The variable rates are proportionate to base water use rates and therefore vary by class and tier. This combination of both fixed and variable drought rates improves revenue stability for the District while still allowing customers some degree of control over their water charges during a declared shortage.

[11] The remaining tables only show results for Stages 1 and 2. Within the three-year rate adoption cycle the District does not anticipate declaring any shortage greater than Stage 2

Drought Rate Calculation

The fixed drought rate is calculated based on the number of equivalent meters. **Table 6-6** shows the calculation of the number of equivalent meters (Column E) by multiplying the number of meters (Column C) with the AWWA capacity ratio (Column D) for each meter size. The total fixed drought cost for each stage, shown in **Table 6-7**, is divided by the total number of equivalent meters (**Table 6-6**, Column E, Line 8) to derive the annual revenue to be recovered by a 3/4" meter. This rate is then divided by the number of annual bills (12) to calculate the charge per bill for a 3/4" meter. The rate for the 3/4" meter is multiplied by the AWWA capacity ratio to calculate the fixed charge per bill by meter size, shown in **Table 6-8**.

Table 6-6: Fixed Units of Service

A	B	C	D	E
Line	Fixed Units of Service - Meter Size	Number of Meters	AWWA Capacity Ratio	Number of Equivalent Meters
1	3/4"	3,335	1.00	3,335
2	1"	413	1.67	688
3	1 1/2"	248	3.33	827
4	2"	364	5.33	1,941
5	3"	43	11.67	502
6	4"	5	21.00	105
7	6"	6	43.33	260
8	**Total**	**4,414**		**7,658**

Table 6-7: Fixed Drought Revenue Requirement

A	B	C	D
Line	Fixed Drought Revenue Requirement	Stage 1	Stage 2
1	Requirement by Stage	$463,853	$954,490

Table 6-8: Proposed Fixed Drought Charges

A	B	C	D
Line	Proposed Fixed Drought Rates	Stage 1	Stage 2
1	3/4"	$5.05	$10.39
2	1"	$8.41	$17.31
3	1 1/2"	$16.83	$34.62
4	2"	$26.92	$55.40
5	3"	$58.89	$121.18
6	4"	$106.00	$218.12
7	6"	$218.73	$450.09

The variable drought rate is calculated as a proportion of the base water use rates. This proportion is calculated by dividing the variable portion of the drought rate revenue requirement with the total expected revenue at each stage. **Table 6-9** shows this calculation with the drought rate proportion shown in Line 3. Once the drought rate proportion has been determined for each drought stage, the variable drought rates are calculated by multiplying

the drought rate percentage with the base water use rates (**Table 1-5**). **Table 6-10** shows the proposed variable drought rates for each stage.

Table 6-9: Variable Rate Proportion Calculation

A	B	C	D
Line	Variable Rate Proportions	Stage 1	Stage 2
1	Total Revenue	$5,279,781	$4,625,814
2	Drought Rate Revenue Requirement	$5,524,693	$5,129,781
3	Drought Rate Percentage	5%	11%

Table 6-10: Proposed Variable Drought Rates

A	B	C	D
Line	Proposed Variable Drought Rates	Stage 1	Stage 2
1	Residential		
2	Tier 1 (6 hcf)	$0.21	$0.50
3	Tier 2 (next 10 hcf)	$0.22	$0.52
4	Tier 3 (>16 hcf)	$0.26	$0.61
5	Commercial, Industrial, & Public Authority		
6	Base	$0.22	$0.50
7	Peak	$0.26	$0.60
8			
9	Agricultural Irrigation	$0.10	$0.24
10	Temporary	$0.23	$0.52

Drought Rate Schedule

Table 6-11 and **Table 6-12** show the proposed Drought Rate schedule for FY 2024 through FY 2026.

Table 6-11: Stage 1 Drought Rates

Stage 1 Drought Rates	FY 2024	FY 2025	FY 2026
Fixed Rates			
3/4"	$5.05	$5.43	$5.84
1"	$8.42	$9.06	$9.74
1 1/2"	$16.83	$18.10	$19.46
2"	$26.93	$28.95	$31.13
3"	$58.89	$63.31	$68.06
4"	$106.00	$113.95	$122.50
6"	$218.73	$235.14	$252.78
Commodity Rates			
Base Consumption Charge			
Residential			

Tier 1 (6 HCF)	$0.21	$0.23	$0.25
Tier 2 (next 10 HCF)	$0.22	$0.24	$0.26
Tier 3 (>16 HCF)	$0.26	$0.28	$0.31
Commercial, Industrial, & Public Authority			
Base	$0.22	$0.24	$0.26
Peak	$0.26	$0.28	$0.31
Agricultural Irrigation			
Uniform Rate	$0.10	$0.11	$0.12
Temporary	$0.23	$0.25	$0.27

Table 6-12: Stage 2 Drought Rates

Stage 2 Drought Rates	FY 2024	FY 2025	FY 2026
Fixed Rates			
3/4"	$10.39	$11.17	$12.01
1"	$17.32	$18.62	$20.02
1 1/2"	$34.63	$37.23	$40.03
2"	$55.40	$59.56	$64.03
3"	$121.18	$130.27	$140.05
4"	$218.12	$234.48	$252.07
6"	$450.09	$483.85	$520.14
Commodity Rates			
Base Consumption Charge			
Residential			
Tier 1 (6 HCF)	$0.50	$0.54	$0.59
Tier 2 (next 10 HCF)	$0.52	$0.56	$0.61
Tier 3 (>16 HCF)	$0.61	$0.66	$0.71
Commercial, Industrial, & Public Authority			
Base	$0.50	$0.54	$0.59
Peak	$0.60	$0.65	$0.70
Agricultural Irrigation			
Uniform Rate	$0.24	$0.26	$0.28
Temporary	$0.52	$0.56	$0.61

Appendices

Appendix A

Water system asset valuation, functionalization, and allocation to system cost components.

Capital Assets	Function	Base	Max Day	Max Hour	Groundwater	Cachuma	SWP	CAPP	Treatment	Pumping	Conservation	CIP	Fire	Meter	Customer	Offset	General	Total
Percentage Allocation																		
Administration Building	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Carpinteria Reservoir	Storage	61%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Corrosion Control	Distribution	30%	19%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Office Equipment & Furniture	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Other Equipment & Tools	T&D	45%	29%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Facility & Grounds Equipment	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Foothill Reservoir	Storage	61%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Headquarters Well	Wells	61%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Hydrants	Fire	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	100%
Land	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Maintenance Center	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Meters & Services	Meters	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100%
Ortega Reservoir Cover	Storage	61%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Pumping Equipment	Pumping	30%	19%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Tanks & Reservoirs	Storage	61%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Transmission & Distribution	T&D	45%	29%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vehicles	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Wells	Wells	61%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Water Treatment Equipment	Treatment	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Dollar Allocation																		RCLD
Administration Building	Administration	$71,506	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$214,517	$286,022
Carpinteria Reservoir	Storage	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Corrosion Control	Distribution	$5,473	$3,557	$9,468	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$18,499
Office Equipment & Furniture	Administration	$284,070	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$852,210	$1,136,280
Other Equipment & Tools	T&D	$229,155	$148,951	$130,044	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$508,150
Facility & Grounds Equipment	General	$83,768	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$251,304	$335,072
Foothill Reservoir	Storage	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Headquarters Well	Wells	$1,742,937	$1,132,909	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,875,846
Hydrants	Fire	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$574,597	$0	$0	$0	$0	$574,597
Land	General	$225,252	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$675,755	$901,007
Maintenance Center	General	$269,247	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$807,742	$1,076,989
Meters & Services	Meters	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$8,715,623	$0	$0	$0	$8,715,623
Ortega Reservoir Cover	Storage	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Pumping Equipment	Pumping	$93,460	$60,749	$161,685	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$315,894
Tanks & Reservoirs	Storage	$317,266	$206,223	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$523,489
Transmission & Distribution	T&D	$7,969,373	$5,180,092	$4,522,579	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$17,672,044
Vehicles	General	$353,100	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,059,300	$1,412,401
Wells	Wells	$3,012,934	$1,958,407	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,971,341
Water Treatment Equipment	Treatment	$0	$0	$0	$0	$0	$0	$0	$600,205	$0	$0	$0	$0	$0	$0	$0	$0	$600,205
Total - Capital Assets		**$14,657,540**	**$8,690,889**	**$4,823,777**	**$0**	**$0**	**$0**	**$0**	**$600,205**	**$0**	**$0**	**$0**	**$574,597**	**$8,715,623**	**$0**	**$0**	**$3,860,828**	**$41,923,458**
Capital Cost Allocation		**35.0%**	**20.7%**	**11.5%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**1.4%**	**0.0%**	**0.0%**	**0.0%**	**1.4%**	**20.8%**	**0.0%**	**0.0%**	**9.2%**	**100.0%**

Appendix B

O&M Expenses	Function	Base	Max Day	Max Hour	Groundwater	Cachuma	SWP	Treatment	Pumping	Conservation	CIP	Fire	Meter	Customer	Offset	General	Total
Percentage Allocation																	
Maint of Wells-Labor	Groundwater	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Water Tests & Treatment-Labor	Groundwater	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Electrical/Instrumentation-Labor	Pumping	30%	19%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Engineering Labor-Office	Capital	35%	21%	12%	0%	0%	0%	1%	0%	0%	0%	1%	21%	0%	0%	9%	100%
Engineering- Vacation, Sick, & Holidays	Capital	35%	21%	12%	0%	0%	0%	1%	0%	0%	0%	1%	21%	0%	0%	9%	100%
Field Labor-Office	Distribution	30%	19%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Field- Vacation, Sick, & Holidays	Distribution	30%	19%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Standby Labor	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Vehicle/Equipment Maint Labor	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Maint of Mains & Hydrants-Labor	T&D	45%	29%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Maint of Meters & Svcs-Labor	Meters	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100%
Maint Pumping Equipment-Labor	Pumping	30%	19%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Utility Service Alerts-Labor	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Cross Connection Labor	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Engineering Field Labor	Capital	35%	21%	12%	0%	0%	0%	1%	0%	0%	0%	1%	21%	0%	0%	9%	100%
Maint Tanks & Reservoirs-Labor	Storage	61%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Office of General Manager	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Office of GM-Vacation, Sick, & Holidays	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Salary Office	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Office-Vacation, Sick, & Holidays	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Labor-Training & Seminars	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Maint of Plant-Labor	Treatment	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Public Information-Labor	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Water Conservation Coord-BMP 12	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Meter Reading/Customer Orders	Billing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
CGSA Labor Allocation	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Directors Fees	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Employee Retirement-PERS	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Deferred Compensation-Employees	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Employee Health Insurance	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Employee FICA & Medicare	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Workers Compensation	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Employee Safety Boots	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%

Employee Physicals	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Compensated Absences	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Employee Educ. & Training Registration	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Temporary Labor	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Unemployment Insurance	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Vehicle Allowance	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
GSA Benefits Allocation	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Office Expense & Supplies	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Computer System Maintenance	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Dues, Memberships & Licenses	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Employee Travel	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Misc. Office Expense	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Public Information Expense	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Advertising	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Meetings & Events	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Board Meetings and Supplies	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Board Member Training **NEW**	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Management Meeting Supplies	Administration	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Employee Relations Expense	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Software Maintenance	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Incode Maintenance	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Office Equipment Leases	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Customer Billing Expenses	Billing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Bank and Finance Fees	Billing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Cybersecurity Insurance **NEW**	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
*Pwr & Telephone for Pumping-PMP STN	Pumping	30%	19%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
*Pwr & Telephone for Pumping-PMP STN PZ I	Elevation Pumping	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
*Pwr & Telephone for Pumping-PMP STN PZ II	Elevation Pumping	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
*Power & Telephone for Pumping-Wells	Groundwater	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Electric	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Gas	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Telephone	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Waste Disposal	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Other Utilities	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Vehicle Fuel Expense	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Vehicle Allowance	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Security **NEW**	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%

AMI Data Service **NEW**	Meters	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100%
Engineering Services	Capital	35%	21%	12%	0%	0%	0%	1%	0%	0%	0%	1%	21%	0%	0%	9%	100%
Groundwater Professional Services	Wells	61%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Siemens O&M Services	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Auditors Fees	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Legal-General	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Administrative Professional Services	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Legal-Labor Negotiator	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Cachuma Project Expenses	Lake Cachuma	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Renewal Fund - Cachuma Project	Lake Cachuma	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Maintenance of Pumping Equip	Pumping	30%	19%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Maintenance of Wells	Groundwater	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Maintenance of Vehicles & Equipment	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Maintenance of Mains & Hydrants	T&D	45%	29%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Maintenance of Tanks & Reservoirs	Storage	61%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Maintenance of Meters & Services	Meters	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100%
Maintenance of SCADA Equipment	Distribution	30%	19%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Badger Meter Reading Fees **NEW**	Billing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Maintenance - Office, Plant & Sites	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Fleet Fuel & Maintenance	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Equipment Fuel Expense	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
MAINT-OFFICE,PLANT & SITES	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Fleet Vehicle Lease Expense	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Engineering Supplies & Expense	Capital	35%	21%	12%	0%	0%	0%	1%	0%	0%	0%	1%	21%	0%	0%	9%	100%
Cloudseeding	Lake Cachuma	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Uniforms Expense	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Safety Supplies & Equipment	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Minor Tools Supplies & Equipment	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Utility Service Alerts	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
MATERIAL INV SHORT-LONG	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
*CCWA - Variable	State Water	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
*DWR - Variable	State Water	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
*CCWA - Variable - DROUGHT IMPACT	State Water	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
*DWR - Variable - DROUGHT IMPACT	State Water	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
*Treatment - Cater Plant	Treatment	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Water Quality Analysis-Distribution	Groundwater	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Treatment - Wells	Groundwater	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%

Chlorination - Ortega Reservoir	Treatment	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Testing - Production Meters	Groundwater	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
COMB Operating	Lake Cachuma	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
COMB Operating - DROUGHT IMPACT	Lake Cachuma	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
COMB-Safety of Dam (M & I)	Lake Cachuma	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
COMB Fisheries	Lake Cachuma	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Carpinteria GSA Expenses	Groundwater	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons BMP 1 Wtr Srvy Prg	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons BMP 3 Residential	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons BMP 5 Landscape (CII)	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons BMP 2.1 Public Inf	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons BMP 2.2 School Edu	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons BMP 4 CII	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons BMP 1.4 Wtr Loss Contr	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Conservation Program	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons BMP A3A On-Farm Evals	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons BMP B3-On Farm Impr	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
Wtr Cons District Members	Conservation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
CAPP O&M Costs	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
CCWA Operating Expense	State Water	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Regulatory Permitting Fees	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
LAFCO	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Insurance General	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
District Election Expense	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Uncollectable Accounts	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
Cachuma - Calculated	Lake Cachuma	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
ID#1 Exchange - Calculated	State Water	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Groundwater - Calculated	Groundwater	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CAPP - Calculated	General	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	100%
State Water - Calculated - Fixed	State Water	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
State Water - Calculated - Variable	State Water	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Supplemental - Calculated	State Water	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%

Dollar Allocation

Maint of Wells-Labor	Groundwater	$0	$0	$0	$88,329	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$88,329
Water Tests & Treatment-Labor	Groundwater	$0	$0	$0	$88,225	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$88,225
Electrical/Instrumentation -Labor	Pumping	$9,660	$6,279	$16,712	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$32,652

Engineering Labor-Office	Capital	$77,485	$45,943	$25,500	$0	$0	$0	$3,173	$0	$0	$0	$3,038	$46,074	$0	$0	$20,410	$221,621
Engineering- Vacation, Sick, & Holidays	Capital	$32,468	$19,251	$10,685	$0	$0	$0	$1,330	$0	$0	$0	$1,273	$19,306	$0	$0	$8,552	$92,866
Field Labor-Office	Distribution	$43,914	$28,544	$75,972	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$148,430
Field- Vacation, Sick, & Holidays	Distribution	$40,335	$26,218	$69,780	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$136,333
Standby Labor	General	$16,750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,250	$67,000
Vehicle/Equipment Maint Labor	General	$2,692	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$8,075	$10,766
Maint of Mains & Hydrants-Labor	T&D	$77,888	$50,627	$44,201	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$172,717
Maint of Meters & Svcs-Labor	Meters	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$138,178	$0	$0	$0	$138,178
Maint Pumping Equipment-Labor	Pumping	$5,938	$3,860	$10,274	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$20,072
Utility Service Alerts-Labor	General	$4,064	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$12,193	$16,257
Cross Connection Labor	General	$3,078	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$9,233	$12,310
Engineering Field Labor	Capital	$26,173	$15,519	$8,614	$0	$0	$0	$1,072	$0	$0	$0	$1,026	$15,563	$0	$0	$6,894	$74,861
Maint Tanks & Reservoirs-Labor	Storage	$7,605	$4,944	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$12,549
Office of General Manager	Administration	$45,630	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$136,891	$182,521
Office of GM-Vacation, Sick, & Holidays	Administration	$7,674	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$23,023	$30,697
Salary Office	Administration	$163,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$490,500	$654,000
Office-Vacation, Sick, & Holidays	Administration	$34,603	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$103,808	$138,411
Labor-Training & Seminars	Administration	$14,947	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$44,842	$59,789
Maint of Plant-Labor	Treatment	$0	$0	$0	$0	$0	$0	$22,920	$0	$0	$0	$0	$0	$0	$0	$0	$22,920
Public Information-Labor	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$11,398	$0	$0	$0	$0	$0	$0	$11,398
Water Conservation Coord-BMP 12	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$63,964	$0	$0	$0	$0	$0	$0	$63,964
Meter Reading/Customer Orders	Billing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$51,257	$0	$0	$51,257
CGSA Labor Allocation	Administration	($13,097)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	($39,290)	($52,387)
Directors Fees	Administration	$4,635	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$13,905	$18,540
Employee Retirement-PERS	General	$61,793	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$185,378	$247,171
Deferred Compensation-Employees	General	$11,207	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$33,620	$44,827
Employee Health Insurance	General	$110,750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332,250	$443,000
Employee FICA & Medicare	General	$41,174	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$123,521	$164,695
Workers Compensation	General	$16,738	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,213	$66,950
Employee Safety Boots	General	$1,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,750	$5,000
Employee Physicals	General	$750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,250	$3,000
Compensated Absences	General	$15,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$45,000	$60,000
Employee Educ. & Training Registration	General	$7,571	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$22,712	$30,282
Temporary Labor	General	$3,219	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$9,656	$12,875
Unemployment Insurance	General	$2,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,000	$8,000
Vehicle Allowance	General	$1,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,500	$6,000
GSA Benefits Allocation	General	($11,456)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	($34,369)	($45,826)

Office Expense & Supplies	General	$3,750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$11,250	$15,000
Computer System Maintenance	General	$20,510	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$61,530	$82,040
Dues, Memberships & Licenses	General	$6,829	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$20,487	$27,316
Employee Travel	General	$5,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$15,000	$20,000
Misc. Office Expense	General	$250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$750	$1,000
Public Information Expense	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$20,000	$0	$0	$0	$0	$0	$0	$20,000
Advertising	General	$1,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,500	$6,000
Meetings & Events	General	$773	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,318	$3,090
Board Meetings and Supplies	Administration	$1,750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$5,250	$7,000
Board Member Training **NEW**	Administration	$1,313	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,940	$5,253
Management Meeting Supplies	Administration	$901	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,704	$3,605
Employee Relations Expense	General	$657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,970	$2,627
Software Maintenance	General	$17,010	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$51,030	$68,040
Incode Maintenance	General	$14,490	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$43,470	$57,960
Office Equipment Leases	General	$4,635	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$13,905	$18,540
Customer Billing Expenses	Billing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$97,850	$0	$0	$97,850
Bank and Finance Fees	Billing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$31,930	$0	$0	$31,930
Cybersecurity Insurance **NEW**	General	$3,750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$11,250	$15,000
*Pwr & Telephone for Pumping-PMP STN	Pumping	$34,907	$22,690	$60,389	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$117,986
*Pwr & Telephone for Pumping-PMP STN PZ I	Pumping Elevation	$0	$0	$0	$0	$0	$0	$0	$55,522	$0	$0	$0	$0	$0	$0	$0	$55,522
*Pwr & Telephone for Pumping-PMP STN PZ II	Pumping Elevation	$0	$0	$0	$0	$0	$0	$0	$15,533	$0	$0	$0	$0	$0	$0	$0	$15,533
*Power & Telephone for Pumping-Wells	Groundwater	$0	$0	$0	$134,365	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$134,365
Electric	General	$1,906	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$5,717	$7,622
Gas	General	$875	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,625	$3,500
Telephone	General	$10,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$30,000	$40,000
Waste Disposal	General	$919	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,758	$3,677
Other Utilities	General	$219	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$657	$876
Vehicle Fuel Expense	General	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Vehicle Allowance	General	$1,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,500	$6,000
Security **NEW**	General	$901	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,704	$3,605
AMI Data Service **NEW**	Meters	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Engineering Services	Capital	$22,726	$13,475	$7,479	$0	$0	$0	$931	$0	$0	$0	$891	$13,513	$0	$0	$5,986	$65,000
Groundwater Professional Services	Wells	$6,367	$4,139	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,506
Siemens O&M Services	General	$9,160	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$27,481	$36,641
Auditors Fees	General	$8,750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$26,250	$35,000
Legal-General	General	$19,313	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$57,938	$77,250
Administrative Professional Services	General	$16,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$48,750	$65,000

Legal-Labor Negotiator	General	$3,750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$11,250	$15,000
Cachuma Project Expenses	Lake Cachuma	$0	$0	$0	$0	$240,680	$0	$0	$0	$0	$0	$0	$0	$0	$0	$240,680
Renewal Fund - Cachuma Project	Lake Cachuma	$0	$0	$0	$0	$8,364	$0	$0	$0	$0	$0	$0	$0	$0	$0	$8,364
Maintenance of Pumping Equip	Pumping	$6,709	$4,361	$11,607	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$22,678
Maintenance of Wells	Groundwater	$0	$0	$0	$32,819	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$32,819
Maintenance of Vehicles & Equipment	General	$7,280	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$21,839	$29,118
Maintenance of Mains & Hydrants	T&D	$69,820	$45,383	$39,622	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$154,825
Maintenance of Tanks & Reservoirs	Storage	$9,091	$5,909	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$15,000
Maintenance of Meters & Services	Meters	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$95,000	$0	$0	$0	$95,000
Maintenance of SCADA Equipment	Distribution	$8,299	$5,394	$14,357	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$28,050
Badger Meter Reading Fees **NEW**	Billing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$41,000	$0	$0	$41,000
Maintenance - Office, Plant & Sites	General	$16,179	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$48,538	$64,717
Fleet Fuel & Maintenance	General	$9,193	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$27,578	$36,771
Equipment Fuel Expense	General	$1,750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$5,250	$7,000
MAINT-OFFICE,PLANT & SITES	General	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Fleet Vehicle Lease Expense	General	$27,578	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$82,735	$110,313
Engineering Supplies & Expense	Capital	$3,496	$2,073	$1,151	$0	$0	$0	$143	$0	$0	$0	$137	$2,079	$0	$0	$921	$10,000
Cloudseeding	Lake Cachuma	$0	$0	$0	$0	$13,366	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$13,366
Uniforms Expense	General	$3,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$9,750	$13,000
Safety Supplies & Equipment	General	$3,824	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$11,471	$15,294
Minor Tools Supplies & Equipment	General	$5,894	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$17,683	$23,577
Utility Service Alerts	General	$700	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,100	$2,800
MATERIAL INV SHORT-LONG	General	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
*CCWA - Variable	State Water	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
*DWR - Variable	State Water	$0	$0	$0	$0	$0	$94,586	$0	$0	$0	$0	$0	$0	$0	$0	$0	$94,586
*CCWA - Variable - DROUGHT IMPACT	State Water	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
*DWR - Variable - DROUGHT IMPACT	State Water	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
*Treatment - Cater Plant	Treatment	$0	$0	$0	$0	$0	$0	$1,909,035	$0	$0	$0	$0	$0	$0	$0	$0	$1,909,035
Water Quality Analysis-Distribution	Groundwater	$0	$0	$0	$30,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$30,000
Treatment - Wells	Groundwater	$0	$0	$0	$57,255	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$57,255
Chlorination - Ortega Reservoir	Treatment	$0	$0	$0	$0	$0	$0	$43,697	$0	$0	$0	$0	$0	$0	$0	$0	$43,697
Testing - Production Meters	Groundwater	$0	$0	$0	$10,187	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10,187
COMB Operating	Lake Cachuma	$0	$0	$0	$0	$456,504	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$456,504
COMB Operating - DROUGHT IMPACT	Lake Cachuma	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
COMB-Safety of Dam (M & I)	Lake Cachuma	$0	$0	$0	$0	$34,407	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$34,407
COMB Fisheries	Lake Cachuma	$0	$0	$0	$0	$146,339	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$146,339
Carpinteria GSA Expenses	Groundwater	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Wtr Cons BMP 1 Wtr Srvy Prg	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$2,500	$0	$0	$0	$0	$0	$0	$2,500
Wtr Cons BMP 3 Residential	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$5,000	$0	$0	$0	$0	$0	$0	$5,000
Wtr Cons BMP 5 Landscape (CII)	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$5,000	$0	$0	$0	$0	$0	$0	$5,000
Wtr Cons BMP 2.1 Public Inf	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$21,321	$0	$0	$0	$0	$0	$0	$21,321
Wtr Cons BMP 2.2 School Edu	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$1,545	$0	$0	$0	$0	$0	$0	$1,545
Wtr Cons BMP 4 CII	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$3,000	$0	$0	$0	$0	$0	$0	$3,000
Wtr Cons BMP 1.4 Wtr Loss Contr	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$2,060	$0	$0	$0	$0	$0	$0	$2,060
Conservation Program	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$2,060	$0	$0	$0	$0	$0	$0	$2,060
Wtr Cons BMP A3A On-Farm Evals	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$2,575	$0	$0	$0	$0	$0	$0	$2,575
Wtr Cons BMP B3-On Farm Impr	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$2,575	$0	$0	$0	$0	$0	$0	$2,575
Wtr Cons District Members	Conservation	$0	$0	$0	$0	$0	$0	$0	$0	$3,467	$0	$0	$0	$0	$0	$0	$3,467
CAPP O&M Costs	General	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
CCWA Operating Expense	State Water	$0	$0	$0	$0	$0	$710,105	$0	$0	$0	$0	$0	$0	$0	$0	$0	$710,105
Regulatory Permitting Fees	General	$10,905	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$32,714	$43,619
LAFCO	General	$3,090	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$9,270	$12,360
Insurance General	General	$20,600	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$61,800	$82,400
District Election Expense	General	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Uncollectable Accounts	General	$3,750	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$11,250	$15,000
Cachuma - Calculated	Lake Cachuma	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
ID#1 Exchange - Calculated	State Water	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Groundwater - Calculated	Groundwater	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
CAPP - Calculated	General	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
State Water - Calculated - Fixed	State Water	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
State Water - Calculated - Variable	State Water	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Supplemental - Calculated	State Water	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total - O&M Expenses		**$1,299,506**	**$304,609**	**$396,343**	**$441,180**	**$899,660**	**$804,691**	**$1,982,300**	**$71,055**	**$146,465**	**$0**	**$6,364**	**$329,713**	**$222,037**	**$0**	**$2,492,629**	**$9,396,551**
Operating Cost Allocation		**13.8%**	**3.2%**	**4.2%**	**4.7%**	**9.6%**	**8.6%**	**21.1%**	**0.8%**	**1.6%**	**0.0%**	**0.1%**	**3.5%**	**2.4%**	**0.0%**	**26.5%**	**100.0%**

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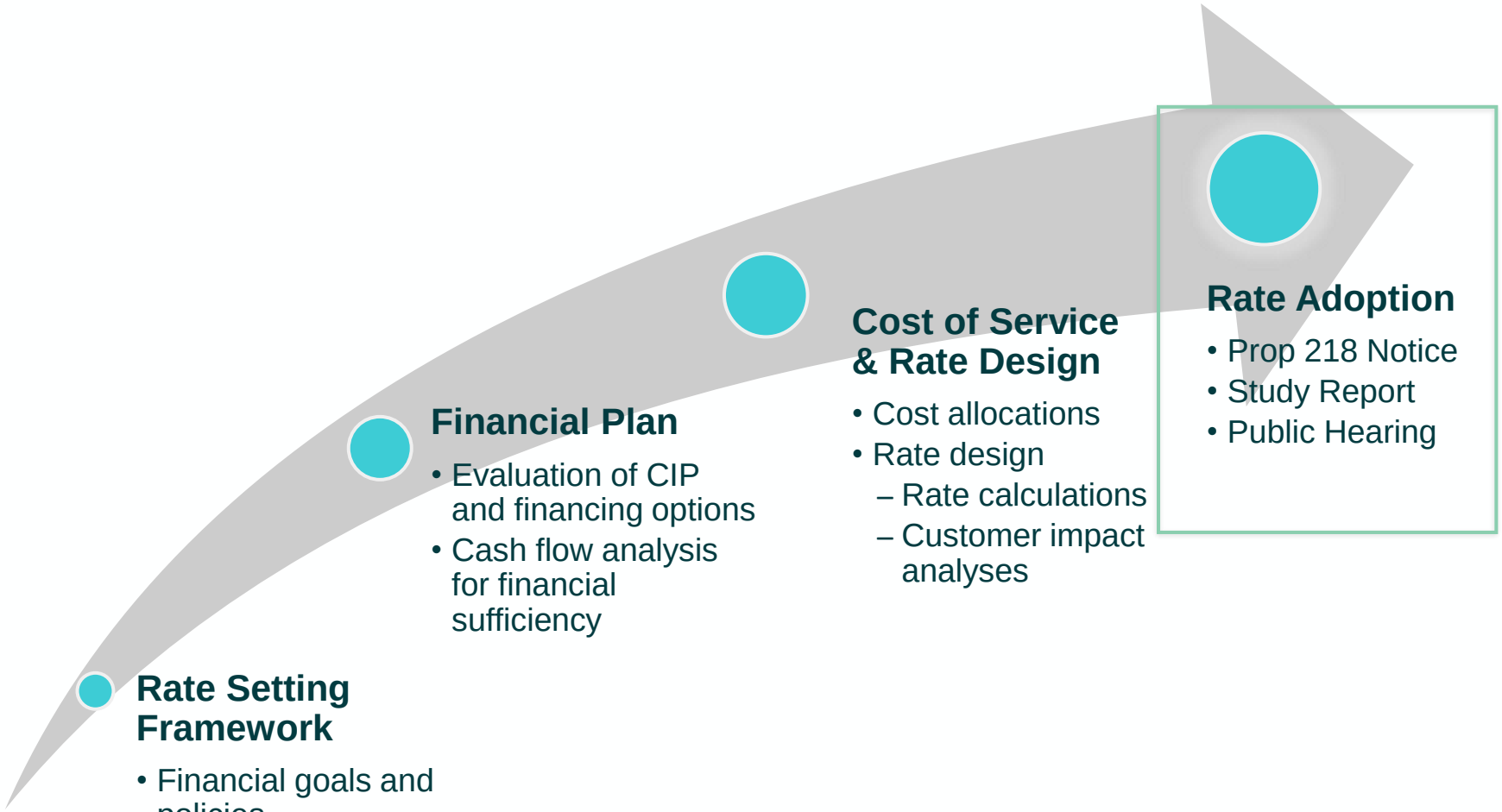
Carpinteria Valley Water District

Public Hearing on Multi-Year Rates

Board of Directors Meeting | September 13, 2023

Rate Study Process



Rate Setting Framework

- Financial goals and policies
- Pricing objectives

Financial Plan

- Evaluation of CIP and financing options
- Cash flow analysis for financial sufficiency

Cost of Service & Rate Design

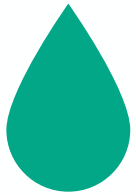
- Cost allocations
- Rate design
  - Rate calculations
  - Customer impact analyses

Rate Adoption

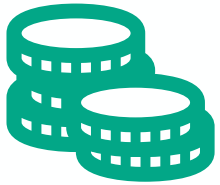
- Prop 218 Notice
- Study Report
- Public Hearing

Long-Range Financial Plan Drivers

Inflationary Pressures



Supply Sources and Costs



Existing Debt Stream

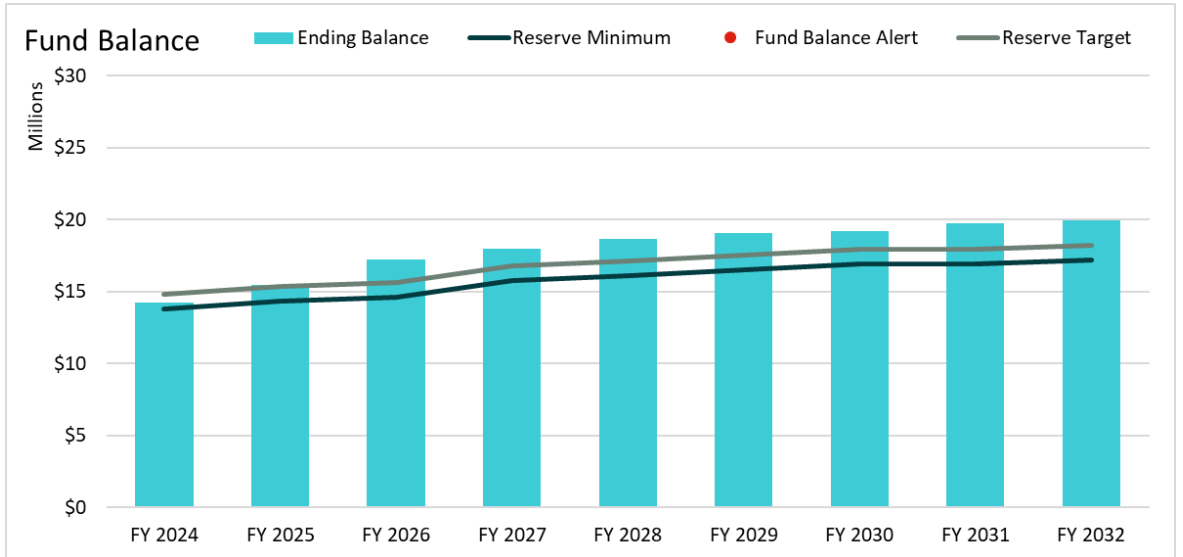
Future Borrowing Terms and Assumptions

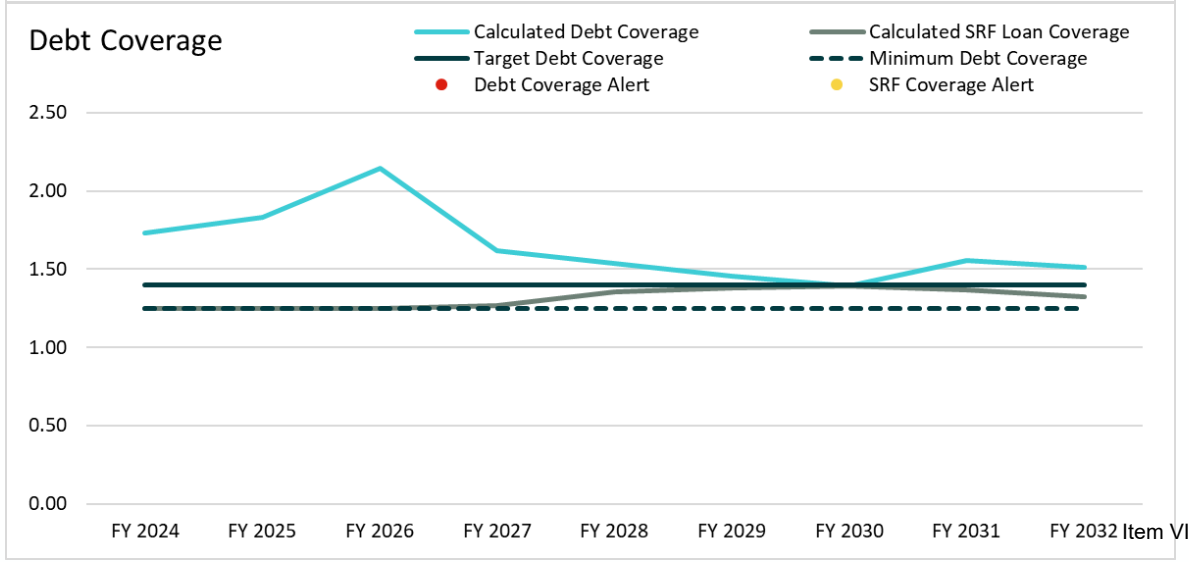
Baseline Water Sales Estimates

New Connection Growth

Long-Term Revenue Adjustments

Fiscal Year	*Revenue Adjustment	Proposed Debt	Proposed Grants
FY 2024	**7.5%**	**$0**	**$0**
FY 2025	**7.5%**	**$11M**	**$13.5M**
FY 2026	**7.5%**	**$11M**	**$13.5M**
FY 2027	7.5%	$0	$0
FY 2028	2%	$0	$0
FY 2029	2%	$0	$0
FY 2030	2%	$0	$0
FY 2031	2%	$0	$0
FY 2032	2%	$0	$0





**Revenue adjustment percentages in 2024-2032 represent annual increases in gross water rate revenues.*

Rate Changes

- Proposed rate changes include:
  - Revised dwelling unit equivalent **(DEQ) Ratio** for fixed service charges for Hospitality commercial customers
  - Amended municipal and industrial (**M&I) CIP charge** minimum use threshold
  - Updated **drought surcharges** for Stage 1 & Stage 2 declarations

Fixed Service Charges
Proposed Charges ($/Month)

	Current FY 2023			Proposed FY 2024			Difference
Meter Size	Basic	SWP	Total	Basic	SWP	Total	($)
3/4"	$9.61	$32.42	$42.03	$9.58	$33.82	**$43.40**	*$1.37*
1"	$13.35	$54.02	$67.37	$12.88	$56.37	**$69.25**	*$1.88*
1 1/2"	$22.68	$108.04	$130.72	$21.14	$112.73	**$133.87**	*$3.15*
2"	$33.87	$172.87	$206.74	$31.05	$180.36	**$211.41**	*$4.67*
3"	$69.32	$378.16	$447.48	$62.44	$394.53	**$456.97**	*$9.49*
4"	$121.57	$680.68	$802.25	$108.70	$710.14	**$818.84**	*$16.59*
6"	$246.59	$1,404.58	$1,651.17	$219.40	$1,465.37	**$1,684.77**	*$33.60*
MFR – (individually metered)	$9.61	$15.67	$25.28	$9.58	$15.76	**$25.34**	*$0.06*
MFR – MMR (per dwelling unit)	Depends on meter size	$15.67		Depends on meter size	$15.80		*$0.13*
Hospitality (per hotel room)	Depends on meter size			Depends on meter size	$8.61		

Private Fire Service Charges
Proposed Charges ($/Month)

Meter Size	Current FY 2023	Proposed FY 2024	Difference ($)
2"	$15.32	**$12.15**	*($3.17)*
3"	$36.85	**$26.48**	*($10.37)*
4"	$73.99	**$51.21**	*($22.78)*
6"	$207.27	**$139.97**	*($67.30)*
8"	$437.16	**$293.05**	*($144.11)*
10"	$782.97	**$523.32**	*($259.65)*

CIP Charges
Proposed Non-Agricultural ($/hcf)

Current FY 2023		Proposed FY 2024		Difference ($)
Rate ($/hcf)	$4.63	Rate ($/hcf)	**$5.58**	*$0.95*
Minimum (6 hcf)	$27.78	Minimum (4 hcf)	**$22.32**	*($5.46)*
Maximum (250 hcf)	$1,157.50	Maximum (250 hcf)	**$1,395.00**	*$237.50*

CIP Charges
Proposed Agricultural O&M ($/Month)

Meter Size	Current FY 2023	Proposed FY 2024	Difference ($)
3/4"	$40.54	**$42.32**	*$1.78*
1"	$67.56	**$70.53**	*$2.97*
1 1/2"	$135.11	**$141.05**	*$5.94*
2"	$216.18	**$225.68**	*$9.50*
3"	$472.88	**$493.66**	*$20.78*
4"	$851.18	**$888.58**	*$37.40*
6"	$1,756.41	**$1,833.58**	*$77.17*

Commodity Rates by Class ($/hcf)

	Current FY 2023			Proposed FY 2024			
	Base	Pressure Zone I	Pressure Zone II	Base	Pressure Zone I	Pressure Zone II	Difference ($)
Residential							
Tier 1	$3.26	$3.50	$3.75	$4.48	$4.81	$5.14	*$1.22*
Tier 2	$4.93	$5.17	$5.42	$4.66	$4.99	$5.32	*($0.27)*
Tier 3	$5.67	$5.91	$6.16	$5.50	$5.83	$6.16	*($0.17)*
Com/Ind/Pub							
Base	$3.76	$4.00	$4.25	$4.50	$4.83	$5.16	*$0.74*
Peak	$6.06	$6.30	$6.55	$5.44	$5.77	$6.10	*($0.62)*
Agriculture	$2.02	$2.26	$2.51	$2.13	$2.46	$2.79	*$0.11*
Temporary	$4.09	$4.33	$4.58	$4.73	$5.06	$5.39	*$0.49*
Ag REQ Charge ($/month)	$17.24			$22.50			*$5.26*

Residential Bill Impacts

Residential Customer Impacts	Water Use (hcf/Month)	Current Monthly Bill	Proposed Monthly Bill	Difference ($)
Very Low Use (15th percentile)	3	$79.59	$79.16	*($0.43)*
Low Use (30th percentile)	5	$86.11	$93.70	*$7.59*
Median Use (50th percentile)	7	$98.93	$114.00	*$15.07*
Average Use	11	$137.17	$154.96	*$17.79*
High Use (80th percentile)	14	$165.85	$185.68	*$19.83*
Very High Use (95th percentile)	29	$318.87	$350.20	*$31.33*

The impacts shown represent year-one rate changes. Year two and three impacts will approximate the financial plan increases in those years of 7.5%

Agriculture Bill Impacts

Agriculture Customer Impacts	Water Use (hcf/Month)	Current Monthly Bill	Proposed Monthly Bill	Difference ($)
Very Low Use (15th percentile)	10	$443.12	$458.38	*$15.26*
Low Use (30th percentile)	33	$489.58	$507.37	*$17.79*
Median Use (50th percentile)	73	$570.38	$592.57	*$22.19*
Average Use	219	$865.30	$903.55	*$38.25*
High Use (80th percentile)	336	$1,101.64	$1,152.76	*$51.12*
Very High Use (95th percentile)	925	$2,291.42	$2,407.33	*$115.91*

The impacts shown represent year-one rate changes. Year two and three impacts will approximate the financial plan increases in those years of 7.5%

Proposed Drought Rates: Fixed

Proposed Fixed Drought Rates	Stage 1	Stage 2
3/4"	$5.05	$10.39
1"	$8.42	$17.32
1 1/2"	$16.83	$34.63
2"	$26.93	$55.40
3"	$58.89	$121.18
4"	$106.00	$218.12
6"	$218.73	$450.09

Proposed Drought Rates: Variable

Proposed Variable Drought Rates	Stage 1	Stage 2
Residential		
Tier 1 (6 hcf)	$0.21	$0.50
Tier 2 (next 10 hcf)	$0.22	$0.52
Tier 3 (>16 hcf)	$0.26	$0.61
Commercial, Industrial, & Public Authority		
Base	$0.22	$0.50
Peak	$0.26	$0.60
Agricultural Irrigation	$0.10	$0.24
Temporary	$0.23	$0.52

Multi-Year Rate Proposal – Key Points

- Annual rate revenue increases of 7.5% are required each year between FY 2024 through FY 2026 (adoption period)
- Financial drivers include both inflationary pressures and future debt coverage requirements
- Carpinteria Advanced Purification Project (CAPP) project costs during the three-year adoption period will be recovered as a component of the CIP charge
- Modest rate structure changes are proposed (M&I CIP minimum and Hospitality DEQ)
- Residential bill impacts driven by external costs related to water treatment

RAFTELIS

Thank you!

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Carpinteria Valley Water District

1301 Santa Ynez Avenue • Carpinteria, CA 93013
Phone (805) 684-2816

TO: Board of Directors

FROM: Secretary of the Board, Bob McDonald

Subject: Secretary's Report

Mr. President and Directors:

This is the time and place for the Public Hearing as set forth in the public notice dated July 27, 2023. The purpose of the Public Hearing is to receive public comment as well as any written protests of the proposed changes in Rates and Charges for the water service. Previous Board meetings including agenda items about the proposed Budget and Rates and Charges were also held in the District Board room, City Council Chambers, on July 26, 2023.

The Cost-of-Service Analysis completed by the District and its Rates Consultant supports the proposed Rates and Charges. The analysis has been articulated in detail in the Rates Study dated July 19, 2023. The Study is available for inspection at the District, on the District website and is included it todays agenda packet. This report along with the District's FY 24- FY 26 Budget establishes the basis for the proposed Rates and Charges. If valid written protests are not received from customers, tenants, or property owners from a majority of the parcels identified to be within the District, the Board of Directors may adopt the proposed increases in the Rates and Charges for water service under the current law. To be valid and counted, written protests must be received by the close of this Public Hearing or postmarked no later than September 13, 2023.

RESOLUTION NUMBER 1149

RESOLUTION OF THE BOARD OF DIRECTORS OF THE CARPINTERIA VALLEY WATER DISTRICT APPROVING THE 2024 - 2026 BUDGET

WHEREAS, this District's Board of Directors requested the General Manager to prepare an operating Budget for the 2024-2026 fiscal year; and

WHEREAS, the General Manager and staff prepared a Budget in a preliminary manner; and

WHEREAS, the Board held a public Board meeting with agenda items on the Budget on September 13, 2023 as well as several public Rate & Budget Committee meetings held at the District during the last several months; and

NOW, THEREFORE, BE IT RESOLVED:

1. The Board of Directors has reviewed said fiscal year 2024 - 2026 Budget.

2. The Board of Directors hereby approves said Budget, a copy of which is attached hereto.

3. The Board of Directors hereby finds and establishes that the District's various user fees, rates and charges for fiscal year 2024 - 2026 resulting from the proposed budget, do not exceed the costs reasonably borne by the District for providing services for which those fees, rates and charges are made, and thus are exempt from the spending limitations contained in Article XIII B of the California Constitution (Proposition 4).

4. Resolution number 1149 supersedes Resolution number 1142.

Vote on the Resolution by roll call resulted as follows:

AYES:
NAYES:
ABSENT:
ABSTAIN:

PASSED AND ADOPTED THIS 13th day of September 2023

APPROVED:

_____
Case Van Wingerden, President

ATTEST:

_____
Robert McDonald, Secretary

Appendix E

Resolution No 1150

RESOLUTION OF THE BOARD OF DIRECTORS OF THE CARPINTERIA VALLEY WATER DISTRICT ADOPTING RATES AND CHARGES FOR WATER SERVICE

WHEREAS, the Board of Directors ("Board") of the Carpinteria Valley Water District ("District") considered its estimated necessary costs for providing water service to its customers and the revenue sources available to cover those costs at a noticed public hearing on September 13, 2023; and

WHEREAS, data was made available to the public by the District and presented at that public hearing indicating the estimated necessary costs for providing water service and the available revenue sources; and

WHEREAS, the District provided written notice as required by law of that public hearing including notice of the projected changes and increases in District rates and charges and the availability of data supporting such increase; and

WHEREAS, the Board thoroughly considered the testimony and evidence received from its staff and the public in both oral and written form; and

WHEREAS, after due deliberation and consideration of all of the record before it, the Board found it necessary and in the best interest of the District and its customers to change and increase certain rates and charges for water service; and

WHEREAS, the Board found and determined that the rates and charges for water service as set forth by this Resolution do not exceed the estimated necessary cost of providing service for which the rates and charges are being made ; and

WHEREAS, the District is proposing rates for fiscal years 2024, 2025, and 2026 through a Proposition 218 process based on the District's 10-year financial plan; and

WHEREAS, if rates, in any of the three years are adjusted to be less than those adopted by this resolution the Board will adopt said reduced rates by resolution; and

WHEREAS, if rates, in any of the three years are adjusted to be more than those adopted by this resolution, the Board will develop those rates through a new prop 218 process.

NOW, THEREFORE, IT IS HEREBY RESOLVED AND ORDERED by the Board of Directors of the Carpinteria Valley Water District as follows:

Fiscal 2024 adopted rates and charges

Rates shall be adjusted as described below however implementation of these changes shall not be implemented until October 6, 2023 or if the Board determines at a time beyond this date.

Rates and Charges for Water Service: Monthly Service Charges, Dwelling Unit Equivalency Charges and Residential Equivalency Charges, and Metered Water Rates are hereby established and will become effective at the implementation date identified above:

a. Water rates. With the exception of the conditions outlined below, the District shall impose water rates for each unit of water used by a customer in accordance with the schedule set forth in Table 1 and with the procedures set out in the following subsections of this section.

TABLE 1

Water Rates (unit cost)			
1 unit = 100 cubic feet (HCF) or 748 gallons	Base *$/HCF*	Pressure Zone I *$/HCF*	Pressure Zone II *$/HCF*
Single Family, Multi-family, Master Meter Residential, & Landscape			
Tier 1	$4.48	$4.81	$5.14
Tier 2	$4.66	$4.99	$5.32
Tier 3	$5.50	$5.83	$6.16
Commercial, Industrial, Public Authority, Hospitality			
Base	$4.50	$4.83	$5.16
Peak	$5.44	$5.77	$6.10
Agricultural			
Uniform	$2.13	$2.46	$2.79
Residential Equivalency Fee	$22.50		
Temporary			
Uniform	$4.73	$5.06	$5.39
Fire			
Uniform	$4.50		

[1] Pressure Zone I = Connections served by Gobernador Reservoir

[2] Pressure Zone II = Connections served by Shepard Mesa Tank

(1) For **Residential, Multi-Family,** and **Landscape** accounts the Tier 1 limit is 6 HCF based on efficient indoor use for a three-person household. The Tier 2 limit is 10 HCF based on average summer use (Jun. to Sep.). Tier 3 pricing applies to all consumption in excess of Tier 2 use.

For example, charges for an account that uses 36 HCF in one month would be:

Tier 1:	6	HCF	x	$4.48	=	$26.88
Tier 2:	10	HCF	x	$4.66	=	$46.60
Tier 3:	20	HCF	x	$5.50	=	$110.00
TOTAL	36	HCF			=	$183.48

(2) For all **Master Meter** accounts the tier limit is multiplied by the number of dwelling units served by the account. This is done to equitably distribute the costs of water for all customers.

For example, if a master meter account has 4 dwelling units the maximum consumption in tier 1 would be 24 HCF and the maximum consumption in tier 2 would be 40 HCF. Therefore, charges for a master-meter account with 4 dwelling units that uses 60 HCF would be:

	Maximum use	Actual use					
Tier 1:	*24*	24	HCF	x	$4.48	=	$107.52
Tier 2:	*40*	36	HCF	x	$4.66	=	$167.76
Tier 3:		0	HCF	x	$5.50	=	$0.00
TOTAL		60	HCF			=	$275.28

(3) For all **Commercial, Hospitality, and Industrial** accounts, water charges shall be determined by establishing a Base tier using the customer's December-March 5-year average water consumption. This consumption amount will establish the Base Tier amount charged at the rate specified in Table 1. All water consumed in excess of the Base tier shall be charged at the Peak tier rate. Accounts lacking sufficient water use history to establish Base Tier volumes shall receive the average of all qualifying accounts.

(4) For example, a commercial account with a 5-year December to March average water consumption of 50 HCF uses 110 HCF in July. The total water charge for this account for July water use would be as follows.

Base	50	HCF	x	$4.50	=	$225.00
Peak	60	HCF	x	$5.44	=	$326.40
TOTAL	110	HCF			=	$551.40

(5) **Public Authority** accounts for irrigation of City parks and school fields receive the Agricultural uniform water rater. Other Public Authority accounts receive the base-peak rate.

(6) For all **Agricultural** accounts, water charges shall adhere to the uniform rate in Table 1.

(7) For all **Fire** accounts, water charges shall adhere to the uniform rate in Table 1. Misuse of private fire services (e.g., use for direct potable consumption) shall result in charges for water, service fees and / or discontinuance of service.

(8) For all **Temporary** accounts, water charges shall adhere to the uniform rate in Table 1.

(9) Residential Equivalency Charge (REQ). The District shall impose a REQ Charge on "Agriculture" accounts for each residential dwelling unit served by District water through the Agriculture account. See Table 1 for the REQ charge.

(10) Monthly Capital Improvement Program Service Charge ("CIP Charge"). The CIP Charge shall be based on the 5-year average monthly water consumption for each individual account. This volume shall be multiplied by the CIP rate in accordance with the schedule set forth in Table 3 and the procedures set out in the following subsections.

Each individual account must have a minimum of eight months of water use history for the CIP charge. Accounts with fewer than eight months of history will receive a default consumption value, instead of the individualized 5-year average, as described below.

TABLE 2

Monthly Capital Improvement Program (CIP) Charge (non-Agricultural)		
Rate	$5.58	per HCF
Minimum	$22.32	4 HCF per dwelling unit
Maximum	$1,395.00	250 HCF per dwelling unit

(i) The CIP Charge for all **Single Family Residential and Landscape** accounts shall be based on the 5-year average monthly water

consumption for each individual account. Accounts with fewer than eight months of consumption history will receive a default value of 12 HCF.

This volume shall be multiplied by an annually determined CIP rate. A minimum CIP charge based on 4 HCF per month and a maximum charge based upon 250 HCF per month shall be applied.

For example, if an account has a 5-year monthly average water consumption of 3 HCF, the CIP charge would be based on the minimum of 4 HCF.

4 HCF x $5.58 = $22.32

(i) The CIP Charge for all **Multi-Family** accounts shall be based on the 5-year average monthly water consumption for each individual account. Accounts with fewer than eight months of consumption history will receive a default value of 6 HCF.

This volume shall be multiplied by an annually determined CIP rate. A minimum CIP charge based on 4 HCF per month and a maximum charge based upon 250 HCF per month shall be applied.

For example, if an account has a 5-year monthly average water consumption of 3 HCF, the CIP charge would be based on the minimum of 4 HCF.

4 HCF x $5.58 = $22.32

(i) The CIP Charge for all **Commercial, Industrial, and Public Authority, and Temporary** accounts shall be based on the 5-year average monthly water consumption for each individual account. Accounts with fewer than eight months of consumption history will receive the average of all accounts within the Commercial, Industrial, and Public Authority customer classes.

This volume shall be multiplied by an annually determined CIP rate. A minimum CIP charge based on 4 HCF per month and a maximum charge based upon 250 HCF per month shall be applied.

For example, if an account has a 5-year monthly average water consumption of 3 HCF, the CIP charge would be based on the minimum of 4 HCF.

4 HCF x $5.58 = $22.32

(ii) **Master Meter** and **Hospitality** accounts are subject to a minimum CIP charge of 4 HCF per dwelling unit or hotel/ motel room. Accounts with fewer than eight months of consumption history will receive a default value of 12 HCF.

For example, if an account with 5 dwelling units has a 5-year monthly average water consumption of 15 HCF, the per-unit average would be 3 HCF which is below the minimum. The minimum for 5 dwelling units is 20 HCF.

Minimum use

20 HCF x $5.58 = $111.60

(iii) **Agriculture** and **Fire** accounts shall not be subject to a CIP Charge.

b. Service charges. The District shall impose Monthly Service Charges in accordance with the schedule set forth in the following subsections regardless of the amount of water used by a customer during any given month or fraction thereof.

(1) Monthly Basic and State Water Project (SW) Service. The schedule set forth in Table 2 defines the monthly Basic and State Water Project charges.

TABLE 3

Monthly Basic and State Water Project Charges			
Meter Size	Basic	SWP	Total
3/4"	$9.58	$33.82	$43.40
1"	$12.88	$56.37	$69.25
1 1/2"	$21.14	$112.73	$133.87
2"	$31.05	$180.36	$211.41
3"	$62.44	$394.53	$456.97
4"	$108.70	$710.14	$818.84
6"	$219.40	$1,465.37	1,684.77
Multi-family residential	$9.58	$15.76	$25.34
Master meter residential	By Meter Size	$15.76	
Hospitality	By Meter Size	$8.59	

(i) The Basic and State Water Project charges for Single Family Residential, Commercial, Industrial, Public Authority, Temporary, Landscape, and Agriculture accounts adhere to the rates shown in Table 2.

(ii) **Multi-Family** and **Master Meter** accounts pay a SWP charge that is equivalent to roughly half (48%) of the SWP charge for a ¾" meter. The Basic charge for Multi-Family accounts is equal to the charge for a ¾" meter. The Basic charge for Master Meter account varies by meter size.

(iii) **Hospitality** accounts pay a SWP charge per room - that is equivalent to roughly a quarter (25%) of the SWP charge for a ¾" meter. The Basic charge for Hospitality accounts varies by meter size.

For example, a Hospitality account with 40 rooms that has a 1 ½" water meter is charged the SWP Hospitality rate for each room.

40 Rooms x $8.59 = $343.60

(2) The Agricultural Operation and Maintenance (Ag O&M) charge. The District shall impose a monthly service charge for **Agricultural** accounts in accordance with the schedule in Table 4. This charge funds operations and maintenance costs that are collected by other customer classes through the Capital Improvement Program charge.

TABLE 4

Meter Size	Monthly O&M Charge
3/4"	$42.32
1"	$70.53
1 1/2"	$141.05
2"	$225.68
3"	$493.66
4"	$888.58
6"	$1,833.58

(3) Monthly Service Charges for Fire Accounts. The District shall impose a monthly service charge for fire accounts in accordance with the schedule in Table 5.

TABLE 5

Monthly Fire Service Charges	
Fireline Size	**Charge**
2"	$12.15
3"	$26.48
4"	$51.21
6"	$139.97
8"	$293.05
10"	$523.32

Fiscal 2025 proposed rates and charges

The following rates shall be adjusted as described below however implementation of these changes shall not be implemented until July 1, 2024 or if the Board determines at a time beyond this date.

Rates and Charges for Water Service: Monthly Service Charges, Dwelling Unit Equivalency Charges and Residential Equivalency Charges, and Metered Water Rates are hereby established and will become effective at the implementation date identified above:

c. Water rates. With the exception of the conditions outlined below, the District shall impose water rates for each unit of water used by a customer in accordance with the schedule set forth in Table 1 and with the procedures set out in the following subsections of this section.

TABLE 1

Water Rates (unit cost)			
1 unit = 100 cubic feet (HCF) or 748 gallons	Base *$/HCF*	Pressure Zone I *$/HCF*	Pressure Zone II *$/HCF*
Single Family, Multi-family, Master Meter Residential, & Landscape			
Tier 1	$4.82	$5.18	$5.53
Tier 2	$5.01	$5.37	$5.72
Tier 3	$5.92	$6.28	$6.63
Commercial, Industrial, Public Authority, Hospitality			
Base	$4.84	$5.20	$5.55
Peak	$5.85	$6.21	$6.56
Agricultural			
Uniform	$2.29	$2.65	$3.00
Residential Equivalency Fee	$24.19		
Temporary			
Uniform	$5.09	$5.45	$5.80
Fire			
Uniform	$4.84		

[1] Pressure Zone I = Connections served by Gobernador Reservoir

[2] Pressure Zone II = Connections served by Shepard Mesa Tank

(4) For **Residential, Multi-Family,** and **Landscape** accounts the Tier 1 limit is 6 HCF based on efficient indoor use for a three-person household. The Tier 2

limit is 10 HCF based on average summer use (Jun. to Sep.). Tier 3 pricing applies to all consumption in excess of Tier 2 use.

For example, charges for an account that uses 36 HCF in one month would be:

Tier 1:	6	HCF	x	$4.82	=	$28.92
Tier 2:	10	HCF	x	$5.01	=	$50.10
Tier 3:	20	HCF	x	$5.92	=	$118.40
TOTAL	36	HCF			=	$197.42

(5) For all **Master Meter** accounts the tier limit is multiplied by the number of dwelling units served by the account. This is done to equitably distribute the costs of water for all customers.

For example, if a master meter account has 4 dwelling units the maximum consumption in tier 1 would be 24 HCF and the maximum consumption in tier 2 would be 40 HCF. Therefore, charges for a master-meter account with 4 dwelling units that uses 60 HCF would be:

	Maximum use	Actual use					
Tier 1:	*24*	24	HCF	x	$4.82	=	$115.68
Tier 2:	*40*	36	HCF	x	$5.01	=	$180.36
Tier 3:		0	HCF	x	$5.92	=	$0.00
TOTAL		60	HCF			=	$296.04

(6) For all **Commercial, Hospitality, and Industrial** accounts, water charges shall be determined by establishing a Base tier using the customer's December-March 5-year average water consumption. This consumption amount will establish the Base Tier amount charged at the rate specified in Table 1. All water consumed in excess of the Base tier shall be charged at the Peak tier rate. Accounts lacking sufficient water use history to establish Base Tier volumes shall receive the average of all qualifying accounts.

For example, a commercial account with a 5-year December to March average water consumption of 50 HCF uses 110 HCF in July. The total water charge for this account for July water use would be as follows.

Base	50	HCF	x	$4.84	=	$242.00
Peak	60	HCF	x	$5.85	=	$351.00
TOTAL	110	HCF			=	$593.00

(7) **Public Authority** accounts for irrigation of City parks and school fields receive the Agricultural uniform water rater. Other Public Authority accounts receive the base-peak rate.

(8) For all **Agricultural** accounts, water charges shall adhere to the uniform rate in Table 1.

(9) For all **Fire** accounts, water charges shall adhere to the uniform rate in Table 1. Misuse of private fire services (e.g., use for direct potable consumption) shall result in charges for water, service fees and / or discontinuance of service.

(10) For all **Temporary** accounts, water charges shall adhere to the uniform rate in Table 1.

(11) Residential Equivalency Charge (REQ). The District shall impose a REQ Charge on "Agriculture" accounts for each residential dwelling unit served by District water through the Agriculture account. See Table 1 for the REQ charge.

(12) Monthly Capital Improvement Program Service Charge ("CIP Charge"). The CIP Charge shall be based on the 5-year average monthly water consumption for each individual account. This volume shall be multiplied by the CIP rate in accordance with the schedule set forth in Table 3 and the procedures set out in the following subsections.

Each individual account must have a minimum of eight months of water use history for the CIP charge. Accounts with fewer than eight months of history will receive a default consumption value, instead of the individualized 5-year average, as described below.

TABLE 2

Monthly Capital Improvement Program (CIP) Charge (non-Agricultural)		
Rate	$6.00	per HCF
Minimum	$24.00	4 HCF per dwelling unit
Maximum	$1,500.00	250 HCF per dwelling unit

(iv) The CIP Charge for all **Single Family Residential and Landscape** accounts shall be based on the 5-year average monthly water consumption for each individual account. Accounts with fewer than eight months of consumption history will receive a default value of 12 HCF.

This volume shall be multiplied by an annually determined CIP rate. A minimum CIP charge based on 4 HCF per month and a maximum charge based upon 250 HCF per month shall be applied.

For example, if an account has a 5-year monthly average water consumption of 3 HCF, the CIP charge would be based on the minimum of 4 HCF.

4 HCF x $6.00 = $24.00

(v) The CIP Charge for all **Multi-Family** accounts shall be based on the 5-year average monthly water consumption for each individual account. Accounts with fewer than eight months of consumption history will receive a default value of 6 HCF.

This volume shall be multiplied by an annually determined CIP rate. A minimum CIP charge based on 4 HCF per month and a maximum charge based upon 250 HCF per month shall be applied.

For example, if an account has a 5-year monthly average water consumption of 3 HCF, the CIP charge would be based on the minimum of 4 HCF.

4 HCF x $6.00 = $24.00

(vi) The CIP Charge for all **Commercial, Industrial, Public Authority, and Temporary** accounts shall be based on the 5-year average monthly water consumption for each individual account. Accounts with fewer than eight months of consumption history will receive the average of all accounts within the Commercial, Industrial, and Public Authority customer classes.

This volume shall be multiplied by an annually determined CIP rate. A minimum CIP charge based on 4 HCF per month and a maximum charge based upon 250 HCF per month shall be applied.

For example, if an account has a 5-year monthly average water consumption of 3 HCF, the CIP charge would be based on the minimum of 4 HCF.

4 HCF x $6.00 = $24.00

(vii) **Master Meter** and **Hospitality** accounts are subject to a minimum CIP charge of 4 HCF per dwelling unit or hotel/ motel room. Accounts with fewer than eight months of consumption history will receive a default value of 12 HCF.

For example, if an account with 5 dwelling units has a 5-year monthly average water consumption of 15 HCF, the per-unit average would be 3 HCF which is below the minimum. The minimum for 5 dwelling units is 20 HCF.

Minimum use

20 HCF x $6.00 = $120.00

(viii) **Agriculture** and **Fire** accounts shall not be subject to a CIP Charge.

d. Service charges. The District shall impose Monthly Service Charges in accordance with the schedule set forth in the following subsections regardless of the amount of water used by a customer during any given month or fraction thereof.

(13) Monthly Basic and State Water Project (SW) Service. The schedule set forth in Table 2 defines the monthly Basic and State Water Project charges.

TABLE 3

Monthly Basic and State Water Project Charges			
Meter Size	Basic	SWP	Total
3/4"	$10.30	$36.36	$46.66
1"	$13.85	$60.60	$74.45
1 1/2"	$22.73	$121.19	$143.92
2"	$33.38	$193.89	$227.27
3"	$67.13	$424.12	$491.25
4"	$116.86	$763.41	$880.27
6"	$235.86	$1,575.28	1,811.14
Multi-family residential	$10.30	$16.95	$27.25
Master meter residential	By Meter Size	$16.95	
Hospitality	By Meter Size	$9.24	

(ix) The Basic and State Water Project charges for Single Family Residential, Commercial, Industrial, Public Authority, Temporary, Landscape, and Agriculture accounts adhere to the rates shown in Table 2.

(x) **Multi-Family** and **Master Meter** accounts pay a SWP charge that is equivalent to roughly half (48%) of the SWP charge for a ¾" meter. The Basic charge for Multi-Family accounts is equal to the charge for a ¾" meter. The Basic charge for Master Meter account varies by meter size.

(xi) **Hospitality** accounts pay a SWP charge per room - that is equivalent to roughly a quarter (25%) of the SWP charge for a ¾" meter. The Basic charge for Hospitality accounts varies by meter size.

For example, a Hospitality account with 40 rooms that has a 1 ½" water meter is charged the SWP Hospitality rate for each room.

40 Rooms x $9.24 = $369.60

(14) The Agricultural Operation and Maintenance (Ag O&M) charge. The District shall impose a monthly service charge for **Agricultural** accounts in accordance with the schedule in Table 4. This charge funds operations and

maintenance costs that are collected by other customer classes through the Capital Improvement Program charge.

TABLE 4

Meter Size	Monthly O&M Charge
3/4"	$45.50
1"	$75.82
1 1/2"	$151.63
2"	$242.61
3"	$530.69
4"	$955.23
6"	$1,971.10

(15) Monthly Service Charges for Fire Accounts. The District shall impose a monthly service charge for fire accounts in accordance with the schedule in Table 5.

TABLE 5

Monthly Fire Service Charges	
Fireline Size	**Charge**
2"	$13.07
3"	$28.47
4"	$55.06
6"	$150.47
8"	$315.03
10"	$562.57

Fiscal 2026 proposed rates and charges

The following rates shall be adjusted as described below however implementation of these changes shall not be implemented until July 1, 2025 or if the Board determines at a time beyond this date.

Rates and Charges for Water Service: Monthly Service Charges, Dwelling Unit Equivalency Charges and Residential Equivalency Charges, and Metered Water Rates are hereby established and will become effective at the implementation date identified above:

e. Water rates. With the exception of the conditions outlined below, the District shall impose water rates for each unit of water used by a customer in accordance with the schedule set forth in Table 1 and with the procedures set out in the following subsections of this section.

TABLE 1

Water Rates (unit cost)			
1 unit = 100 cubic feet (HCF) or 748 gallons	Base *$/HCF*	Pressure Zone I *$/HCF*	Pressure Zone II *$/HCF*
Single Family, Multi-family, Master Meter Residential, & Landscape			
Tier 1	$5.19	$5.58	$5.96
Tier 2	$5.39	$5.78	$6.16
Tier 3	$6.37	$6.76	$7.14
Commercial, Industrial, Public Authority, Hospitality			
Base	$5.21	$5.60	$5.98
Peak	$6.29	$6.68	$7.06
Agricultural			
Uniform	$2.47	$2.86	$3.24
Residential Equivalency Fee	$26.01		
Temporary			
Uniform	$5.48	$5.87	$6.25
Fire			
Uniform	$5.21		

[1] Pressure Zone I = Connections served by Gobernador Reservoir

[2] Pressure Zone II = Connections served by Shepard Mesa Tank

(16) For **Residential, Multi-Family,** and **Landscape** accounts the Tier 1 limit is 6 HCF based on efficient indoor use for a three-person household. The Tier 2

limit is 10 HCF based on average summer use (Jun. to Sep.). Tier 3 pricing applies to all consumption in excess of Tier 2 use.

For example, charges for an account that uses 36 HCF in one month would be:

Tier 1:	6	HCF	x	$5.19	=	$31.14
Tier 2:	10	HCF	x	$5.39	=	$53.90
Tier 3:	20	HCF	x	$6.37	=	$127.40
TOTAL	36	HCF			=	$212.44

(17) For all **Master Meter** accounts the tier limit is multiplied by the number of dwelling units served by the account. This is done to equitably distribute the costs of water for all customers.

For example, if a master meter account has 4 dwelling units the maximum consumption in tier 1 would be 24 HCF and the maximum consumption in tier 2 would be 40 HCF. Therefore, charges for a master-meter account with 4 dwelling units that uses 60 HCF would be:

	Maximum use	Actual use					
Tier 1:	*24*	24	HCF	x	$5.19	=	$124.56
Tier 2:	*40*	36	HCF	x	$5.39	=	$194.04
Tier 3:		0	HCF	x	$6.37	=	$0.00
TOTAL		60	HCF			=	$318.60

(18) For all **Commercial, Hospitality, and Industrial** accounts, water charges shall be determined by establishing a Base tier using the customer's December-March 5-year average water consumption. This consumption amount will establish the Base Tier amount charged at the rate specified in Table 1. All water consumed in excess of the Base tier shall be charged at the Peak tier rate. Accounts lacking sufficient water use history to establish Base Tier volumes shall receive the average of all qualifying accounts.

(19) For example, a commercial account with a 5-year December to March average water consumption of 50 HCF uses 110 HCF in July. The total water charge for this account for July water use would be as follows.

Base	50	HCF	x	$5.21	=	$260.50
Peak	60	HCF	x	$6.29	=	$377.40
TOTAL	110	HCF			=	$637.90

(20) **Public Authority** accounts for irrigation of City parks and school fields receive the Agricultural uniform water rater. Other Public Authority accounts receive the base-peak rate.

(21) For all **Agricultural** accounts, water charges shall adhere to the uniform rate in Table 1.

(22) For all **Fire** accounts, water charges shall adhere to the uniform rate in Table 1. Misuse of private fire services (e.g., use for direct potable consumption) shall result in charges for water, service fees and / or discontinuance of service.

(23) For all **Temporary** accounts, water charges shall adhere to the uniform rate in Table 1.

(24) Residential Equivalency Charge (REQ). The District shall impose a REQ Charge on "Agriculture" accounts for each residential dwelling unit served by District water through the Agriculture account. See Table 1 for the REQ charge.

(25) Monthly Capital Improvement Program Service Charge ("CIP Charge"). The CIP Charge shall be based on the 5-year average monthly water consumption for each individual account. This volume shall be multiplied by the CIP rate in accordance with the schedule set forth in Table 3 and the procedures set out in the following subsections.

Each individual account must have a minimum of eight months of water use history for the CIP charge. Accounts with fewer than eight months of history will receive a default consumption value, instead of the individualized 5-year average, as described below.

TABLE 2

Monthly Capital Improvement Program (CIP) Charge (non-Agricultural)		
Rate	$6.45	per HCF
Minimum	$25.80	4 HCF per dwelling unit
Maximum	$1,612.50	250 HCF per dwelling unit

(xii) The CIP Charge for all **Single Family Residential and Landscape** accounts shall be based on the 5-year average monthly water consumption for each individual account. Accounts with fewer than eight months of consumption history will receive a default value of 12 HCF.

This volume shall be multiplied by an annually determined CIP rate. A minimum CIP charge based on 4 HCF per month and a maximum charge based upon 250 HCF per month shall be applied.

For example, if an account has a 5-year monthly average water consumption of 3 HCF, the CIP charge would be based on the minimum of 4 HCF.

4 HCF x $6.45 = $25.80

(xiii) The CIP Charge for all **Multi-Family** accounts shall be based on the 5-year average monthly water consumption for each individual account. Accounts with fewer than eight months of consumption history will receive a default value of 6 HCF.

This volume shall be multiplied by an annually determined CIP rate. A minimum CIP charge based on 4 HCF per month and a maximum charge based upon 250 HCF per month shall be applied.

For example, if an account has a 5-year monthly average water consumption of 3 HCF, the CIP charge would be based on the minimum of 4 HCF.

4 HCF x $6.45 = $25.80

(xiv) The CIP Charge for all **Commercial, Industrial, Public Authority, and Temporary** accounts shall be based on the 5-year average monthly water consumption for each individual account. Accounts with fewer than eight months of consumption history will receive the average of all accounts within the Commercial, Industrial, and Public Authority customer classes.

This volume shall be multiplied by an annually determined CIP rate. A minimum CIP charge based on 4 HCF per month and a maximum charge based upon 250 HCF per month shall be applied.

For example, if an account has a 5-year monthly average water consumption of 3 HCF, the CIP charge would be based on the minimum of 4 HCF.

4 HCF x $6.45 = $25.80

(xv) **Master Meter** and **Hospitality** accounts are subject to a minimum CIP charge of 4 HCF per dwelling unit or hotel/ motel room. Accounts with fewer than eight months of consumption history will receive a default value of 12 HCF.

For example, if an account with 5 dwelling units has a 5-year monthly average water consumption of 15 HCF, the per-unit average would be 3 HCF which is below the minimum. The minimum for 5 dwelling units is 20 HCF.

Minimum use

20 HCF x $6.45 = $129.00

(xvi) **Agriculture** and **Fire** accounts shall not be subject to a CIP Charge.

f. Service charges. The District shall impose Monthly Service Charges in accordance with the schedule set forth in the following subsections regardless of the amount of water used by a customer during any given month or fraction thereof.

(26) Monthly Basic and State Water Project (SW) Service. The schedule set forth in Table 2 defines the monthly Basic and State Water Project charges.

TABLE 3

Monthly Basic and State Water Project Charges			
Meter Size	Basic	SWP	Total
3/4"	$11.08	$39.09	$50.17
1"	$14.89	$65.15	$80.04
1 1/2"	$24.44	$130.28	$154.72
2"	$35.89	$208.44	$244.33
3"	$72.17	$455.93	$528.10
4"	$125.63	$820.67	$946.30
6"	$253.55	$1,693.43	1,946.98
Multi-family residential	$11.08	$18.23	$29.31
Master meter residential	By Meter Size	$18.23	
Hospitality	By Meter Size	$9.94	

(xvii) The Basic and State Water Project charges for Single Family Residential, Commercial, Industrial, Public Authority, Temporary, Landscape, and Agriculture accounts adhere to the rates shown in Table 2.

(xviii) **Multi-Family** and **Master Meter** accounts pay a SWP charge that is equivalent to roughly half (48%) of the SWP charge for a ¾" meter. The Basic charge for Multi-Family accounts is equal to the charge for a ¾" meter. The Basic charge for Master Meter account varies by meter size.

(xix) **Hospitality** accounts pay a SWP charge per room - that is equivalent to roughly a quarter (25%) of the SWP charge for a ¾" meter. The Basic charge for Hospitality accounts varies by meter size.

For example, a Hospitality account with 40 rooms that has a 1 ½" water meter is charged the SWP Hospitality rate for each room.

40 Rooms x $9.94 = $397.60

(27) The Agricultural Operation and Maintenance (Ag O&M) charge. The District shall impose a monthly service charge for **Agricultural** accounts in accordance with the schedule in Table 4. This charge funds operations and

maintenance costs that are collected by other customer classes through the Capital Improvement Program charge.

TABLE 4

Meter Size	Monthly O&M Charge
3/4"	$48.92
1"	$81.51
1 1/2"	$163.01
2"	$260.81
3"	$570.50
4"	$1,026.88
6"	$2,118.94

(28) Monthly Service Charges for Fire Accounts. The District shall impose a monthly service charge for fire accounts in accordance with the schedule in Table 5.

TABLE 5

Monthly Fire Service Charges	
Fireline Size	**Charge**
2"	$14.06
3"	$30.61
4"	$59.19
6"	$161.76
8"	$338.66
10"	$604.77

Payment of the Monthly Charges. Payment of the monthly Basic, SWP and CIP charges does not entitle the customer to any quantity of water. All water used by a customer will be supplied to a customer at the rate set forth in the sections above.

Appeals of Base tier and CIP calculations. In the event that a customer or account holder disagrees with the District derived values for the Base tier, Tier 1, or CIP amounts of water, said customer may petition the Assistant General Manager to solely at his discretion assign a different methodology for calculation of these values. Any customer appealing District derived values shall have at least 6 months of water use history, including the December through March period.

Compliance with Article XIII D of the California Constitution. The Governing Board has determined that the imposition of the District's rates and charges for water service complies with the requirements of Article XIII D section 6 (b) of the California Constitution. Furthermore, and in accordance with the requirements of Section 6 (a) and the District (i) provided 45 days prior written notice of the public hearing at which the Board considered the proposed changes and increases in the District's rates and charges for water service; (ii) considered all written protests presented to the District Board at or prior to the close of the public hearing; and (iii) following the conclusion of the public hearing, the District's General Manager counted the total number of written protest received by the District and informed the District Board that no majority protest existed.

Procedural Exemption for Water Rates and Charges: Pursuant to Section 66018 (d) of the Government Code, the rates and charges for water service as established in this Resolution are exempt from the notice and public hearing requirements of Section 66018 of the Government Code. It is further found and determined that these rates and charges are not the type of fees and charges as set forth in Section 66016 (d) of the Government Code and therefore are not subject to the procedural requirements of Section 66016 of the Government Code.

Effective Date of Resolution: This Resolution shall be in full force and effect upon adoption and shall remain in effect until changed by the District Board.

Amendment to the District's Rules and Regulations: Conflicts; Validity: The terms and provisions of this Resolution shall become a part of the District Rules and Regulations. To the extent that the terms and provisions of this Resolution are inconsistent or in conflict with the terms and provisions of any prior District ordinance, resolution, or rule and regulations, the terms of this Resolution shall prevail, and inconsistent and conflicting provisions of prior ordinances, resolutions and rules and regulations shall be suspended during the effective period of this Resolution. If any section, subsection, sentence, clause or phrase of this Resolution is for any reason held to be unconstitutional or invalid, such decision shall not affect the validity of the remaining portions of this Resolution. The Board hereby declares that it would have passed this Resolution and each section, subsection, sentence, clause or phrase thereof, irrespective of the fact that any one or more section, subsection, sentence, clauses or phrases by unconstitutional or invalid.

Exception from the Requirements of CEQA: Section 21080 (b) (8) of the Public Resources Code is contained in and is a part of the California Environmental Quality Act (CEQA). Section 21080 (b) (8) of said Act provides that CEQA does not apply to the establishment, modification, structuring, restructuring or approval of rates, tolls, fares or other charges by a public agency

which are for the purpose of (1) meeting operating expense, including employee wage rates and fringe benefits, (2) purchasing or leasing supplies, equipment or materials, (3) meeting financial reserve needs or requirements, or (4) obtaining funds for capital projects necessary to maintain service within existing service areas.

It is hereby found and determined that none of the rates and charges fixed and established by this Resolution are for any purposes other than the purposes set forth in Section 21080 (b) (8) and are therefore, pursuant to said Section, exempt from the requirements of CEQA. This Resolution constitutes the written findings of the record of the proceedings claiming the aforesaid exemption. The District Secretary is hereby authorized and directed to prepare and file a Notice of Exemption based upon Public Resources Code section 21080 (b) (8).

PASSED AND ADOPTED by the Governing Board of the Carpinteria Valley Water District on the 13th day of September, 2023, by the following roll call vote:

AYES: NAYES:
ABSENT:
ABSTAIN:

APPROVED:

_____
Case Van Wingerden, Board President

ATTEST:

_____
Robert Mc Donald, Secretary

Carpinteria Valley Water District

Record of Change to Capital Expenditures Budget

Budget Change Form # 23-08

Requester: Greg Stanford O & M Manager

Request Date: 08/21/2023

Project Name: Swordfish LSLI Tool

Project Number: P83

Original Budget: $ -

Revised Budget: $ 83,000.00 FY23

Source of Funds:

	Amount
Reserves	$ -

Transfer From Another Project / Account

Account	Amount	Project Number	Project Name
	$ 78,000.00	A	Infrastructure Maintenance FY23
	$ 5,000.00	P79	Foothill Pump #3 Repl

Reason For Change In Budget:

Transfer monies to achieve the necessary funding for the purchase of the LSLI Tool. This will provide monies to purchase the Swordfish LSLI tool to meet the Division of Drinking Water / USEPA requirement to have the inventory completed by October 2024. The inventory requirement states we must inventory the service line on both the District side of the meter and the customer side of the meter to determined the presence or absence of lead materials in the service line. This tool eliminates the need to excavate the customer's landscape, sidewalk or driveway to gain access to the service line.

Approvals:

DocuSigned by: NRosales 0903F3D0A01E407...

Norma Rosales, Assistant General Manager

DocuSigned by: Robert McDonald 83E955853F63424...

Robert Mc Donald, General Manager

Date of Board Action** _____ ACTION ITEM REQUIRED

** Board Approval required if reserves are allocated or if the change increases the total capital expenditures budget. Attach copy of board approval once obtained. Reallocations > $20,000 require a board information item. Reallocations < $20,000 require no board action or information item.

Carpinteria Valley Water District

Record of Change to Capital Expenditures Budget

Budget Change Form # 23-01

Requester: Greg Stanford O & M Manager Initials: DS JS

Request Date: 01/06/2023

Project Name: HQ Well PLC & OIT Replacement

Project Number: P78

Original Budget: $ -

Revised Budget: $ 46,000.00

Source of Funds:

	Amount
Reserves	$ -

Transfer From Another Project / Account

Account	Amount	Project Number	Project Name
	$ 46,000.00	P27	SCADA UPGRADES

Reason For Change In Budget:

Transfer monies to achieve the necessary funding for the Replacement of the obsolete PLC, IO and OIT at HQ Well, for which replacement parts are not available. To maintain this well as operational and take advantage of the current downtime, as well as stay ahead of the diminishing availiability of inventory, this project needs to take place now. Currently parts are available but are disappearing quickly due to supply chain issues that continue to plague the global economy.

Approved by: DocuSigned by: 9903F3D9A01E407...

Norma Rosales, Assistant General Manager

DocuSigned by: Robert McDonald 83E955653F65424...

Robert Mc Donald, General Manager

Date of Board Action** _____

Board Action Required

** Board Approval required if reserves are allocated or if the change increases the total capital expenditures budget. Attach copy of board approval once obtained. Reallocations > $20,000 require a board information item. Reallocations < $20,000 require no board action or information item.

A Special Meeting of the

BOARD OF DIRECTORS
OF THE
CENTRAL COAST WATER AUTHORITY

will be held at 9:00 a.m., on Thursday, August 24, 2022
at 255 Industrial Way, Buellton, California
and
Rincon Room, 1021 Anacapa Street, Santa Barbara, California

Members of the public may participate by video call or telephone via
URL: https://meetings.ringcentral.com/j/1454207060
or by dialing (623) 404-9000 and entering access Code/Meeting ID: 1454207060 #

Public Comment on agenda items may occur via video call or telephonically, or by submission to the Board Secretary via email at lfw@ccwa.com no later than 8:00 a.m. on the day of the meeting. In your email, please specify (1) the meeting date and agenda item (number and title) on which you are providing a comment and (2) that you would like your comment read into the record during the meeting. If you would like your comment read into the record during the meeting (as either general public comment or on a specific agenda item), please limit your comments to no more than 250 words.

Every effort will be made to read comments into the record, but some comments may not be read due to time limitations. Please also note that if you submit a written comment and do not specify that you would like this comment read into the record during the meeting, your comment will be forwarded to Board members for their consideration.

Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available on the CCWA internet web site, accessible at https://www.ccwa.com.

I. Call to Order and Roll Call

II. Public Comment – (Any member of the public may address the Board relating to any matter within the Board's jurisdiction. Individual Speakers may be limited to five minutes; all speakers to a total of fifteen minutes.)

III. Executive Director's Report

A. Devil's Den Pumping Plant Emergency Repair Project
Staff Recommendation: For Information Only.

✸ B. Request for Approval for the Use of Appropriated Contingency for Sludge Removal System Spare Parts at the Water Treatment Plant
Anticipated Expenditure $68,680
Staff Recommendation: Authorize the Executive Director to utilize funds from the appropriated contingency budget as described in the Board Report.

✸ C. Procurement of Three Filter-to-Waste Vertical Turbine Pumps Equalization Basin Pump Replacement Project,
Anticipated Expenditure $134,885.84
Staff Recommendation: Authorize the Executive Director to procure the three pumps described in the Board Report in the amount of $134,885.84.

✸ D. Procurement of a Gas Chromatograph/Mass Spectrometer MIB and Geosmin Analyzer Project
Anticipated Expenditure $180,844.91
Staff Recommendation: Authorize the Executive Director to procure the instrument described in the Board Report in the amount of $180,844.91.

IV. Reports from Board Members for Information Only

V. Items for Next Regular Meeting Agenda

VI. Date of Next Regular Meeting: September 28, 2023

VII. Adjournment

255 Industrial Way
Buellton, CA 93427
(805) 688-2292
Fax (805) 686-4700
www.ccwa.com

✸ Indicates attachment of document to original agenda packet.

REGULAR MEETING
OF THE
CACHUMA OPERATION AND MAINTENANCE BOARD

Monday, August 28, 2023
1:00 P.M.

HOW TO OBSERVE THE MEETING

Join by Teleconference or Attend in Person

COMB follows Centers for Disease Control and Prevention (CDC), California Department of Public Health (CDPH) and local public health guidelines with respect to COVID-19 protocols and masking requirements, based on local conditions and needs. COMB will have available masks for use during public meetings.

Members of the public may observe the meeting electronically as set forth below.

Join via Video Conference
https://us02web.zoom.us/j/88343776305?pwd=T2JUVWJ3WnZSOE5DVWpHRGNRTkFCQT09
Passcode: 676396

Join via Teleconference
US +1 669 900 6833 Webinar ID: 883 4377 6305 Passcode: 676396

HOW TO MAKE A PUBLIC COMMENT

Any member of the public may address the Board on any subject within the jurisdiction of the Board of Directors. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

In person: Those observing the meeting in person may make comments during designated public comment periods.

By Video: Those observing the meeting by video may make comments during designated public comment periods using the "raise hand" feature. Commenters will be required to unmute their respective microphone when providing comments.

By Telephone: Those observing the meeting by telephone may make comments during the designated public comment periods by pressing *9 on the key pad to indicate such interest. Commenters will be prompted to press *6 to unmute their respective telephone when called upon to speak.

AMERICANS WITH DISABILITIES ACT

In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

REGULAR MEETING
OF THE CACHUMA OPERATION AND MAINTENANCE BOARD
held at
3301 Laurel Canyon Road
Santa Barbara, CA 93105

Monday, August 28, 2023

1:00 PM

AGENDA

NOTICE: This Meeting shall be conducted in-person and through remote access as authorized and in accordance with Government Code section 54953, AB 361 and AB 2449.

1. CALL TO ORDER, ROLL CALL

2. PUBLIC COMMENT *(Public may address the Board on any subject matter within the Board's jurisdiction. See "Notice to the Public" below.)*

3. CONSENT AGENDA *(All items on the Consent Agenda are considered to be routine and will be approved or rejected in a single motion. Any item placed on the Consent Agenda may be removed and placed on the Regular Agenda for discussion and possible action upon the request of any Board Member.)*

Action: Recommend Approval of Consent Agenda by motion and roll call vote of the Board

a. Minutes of July 24, 2023 Regular Board Meeting
b. Investment of Funds
   - Financial Reports
   - Investment Reports
c. Review of Paid Claims

4. VERBAL REPORTS FROM BOARD COMMITTEES

Receive verbal information regarding the following committee meetings:

- Operations Committee Meeting – August 22, 2023

5. FINANCIAL REVIEW – 4th QUARTER FISCAL YEAR 2022-23

Action: Receive and file information on the 4th Quarter Fiscal Year 2022-23 Financial Review

6. RESOLUTION NO. 792 - LAURO RESERVOIR BYPASS CHANNEL CONSTRUCTION BID AND ENGINEERING DURING CONSTRUCTION COSTS

Action: Recommend adoption by motion and roll call vote of the Board

7. GENERAL MANAGER REPORT

Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:

- Administration
- Personnel
- U.S. Bureau of Reclamation

8. ENGINEER'S REPORT

Receive information from the COMB Engineer, including but not limited to the following:

- Climate Conditions
- Earthquake
- County-wide Debris Removal Update
- North Portal Elevator
- Reclamation Inspections
- Lauro Stilling Well Debris Removal
- Infrastructure Improvement Projects

9. OPERATIONS DIVISION REPORT

Receive verbal information regarding the Operations Division, including but not limited to the following:

- Lake Cachuma Operations
- Operation and Maintenance Activities

10. FISHERIES DIVISION REPORT

Receive information from the Fisheries Division Manager, including, but not limited to the following:

- LSYR Steelhead Monitoring Elements
- Surcharge Water Accounting
- Reporting/Outreach/Training

11. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

Action: Receive information, including but not limited to the following, and provide direction to staff if appropriate:

- Maintenance and Monitoring
- End of Program Plan

12. MONTHLY CACHUMA PROJECT REPORTS

Receive information regarding the Cachuma Project, including but not limited to the following:

a. Cachuma Water Reports
b. Cachuma Reservoir Current Conditions
c. Lake Cachuma Quagga Survey

13. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

14. [CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: POTENTIAL LITIGATION

a. [Government Code Section 54956.9(d)(1)]
Potential Litigation: Conference with Legal Counsel

15. RECONVENE INTO OPEN SESSION

[Government Code Section 54957.7]
Disclosure of actions taken in closed session, as applicable
[Government Code Section 54957.1]

14a. Potential Litigation: Conference with Legal Counsel

16. MEETING SCHEDULE

- **Regular Board Meeting – September 25, 2023 at 1:00 PM**
- **Board Packages available on COMB website** www.cachuma-board.org

17. COMB ADJOURNMENT

NOTICE TO PUBLIC

Posting of Agenda: This agenda was posted at COMB's offices, located at 3301 Laurel Canyon Road, Santa Barbara, California, 93105 and on COMB's website, in accordance with Government Code Section 54954.2. The agenda contains a brief general description of each item to be considered by the Governing Board. The Board reserves the right to modify the order in which agenda items are heard. Copies of staff reports or other written documents relating to each item of business are on file at the COMB offices and are available for public inspection during normal business hours. A person with a question concerning any of the agenda items may call COMB's General Manager at (805) 687-4011.

Written materials: In accordance with Government Code Section 54957.5, written materials relating to an item on this agenda which are distributed to the Governing Board less than 72 hours (for a regular meeting) or 24 hours (for a special meeting) will be made available for public inspection at the COMB offices during normal business hours. The written materials may also be posted on COMB's website subject to staff's ability to post the documents before the scheduled meeting.

Public Comment: Any member of the public may address the Board on any subject within the jurisdiction of the Board. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

Americans with Disabilities Act: In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

Note: If you challenge in court any of the Board's decisions related to the listed agenda items you may be limited to raising only those issues you or someone else raised at any public hearing described in this notice or in written correspondence to the Governing Board prior to the public hearing.

CACHUMA OPERATION AND MAINTENANCE BOARD

Administrative Committee Meeting

Tuesday, September 12, 2023
10:00 AM

HOW TO OBSERVE THE MEETING

Join by Teleconference or Attend in Person

COMB follows Centers for Disease Control and Prevention (CDC), California Department of Public Health (CDPH) and local public health guidelines with respect to COVID-19 protocols and masking requirements, based on local conditions and needs. COMB will have available masks for use during public meetings.

Members of the public may observe the meeting as set forth below.

Join via Video Conference
https://us02web.zoom.us/j/84235342869?pwd=V1VSTDlEdWplYmx6Y2JUSjVqMkRYQT09
Passcode: 368211

Join via Teleconference
US +1 669 900 6833 Webinar ID: 842 3534 2869 Passcode: 368211

HOW TO MAKE A PUBLIC COMMENT

Any member of the public may address the Committee on any subject within the jurisdiction of the Committee Directors. The total time for this item will be limited by the Chair of the Committee. The Committee is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Committee on any Public Comment item.

In person: Those observing the meeting in person may make comments during designated public comment periods.

By Video: Those observing the meeting by video may make comments during designated public comment periods using the "raise hand" feature. Commenters will be required to unmute their respective microphone when providing comments.

By Telephone: Those observing the meeting by telephone may make comments during the designated public comment periods by pressing *9 on the key pad to indicate such interest. Commenters will be prompted to press *6 to unmute their respective telephone when called upon to speak.

AMERICANS WITH DISABILITIES ACT

In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

CACHUMA OPERATION & MAINTENANCE BOARD

Administrative Committee Meeting

held at

3301 Laurel Canyon Road
Santa Barbara CA 93105

Tuesday, September 12, 2023
10:00 AM

AGENDA

Chair: *Director Holcombe*

Member: *Director Hanson*

NOTICE: This Meeting shall be conducted in-person and through remote access as authorized and in accordance with Government Code section 54953, AB 361 and AB 2449.

1. Call to Order

2. Public Comment *(Public may address the Committee on any subject matter on the agenda and within the Committee's jurisdiction)*

3. 2nd Amendatory OM&R Contract (Transferred Project Works) - U.S. Bureau of Reclamation *(for information and possible recommendation)*

4. Updated Personnel Policy and Employee Handbook *(for information and possible recommendation)*

5. Adjournment

NOTICE TO THE PUBLIC

Public Comment: The public is welcome to attend and observe the meeting. A public comment period will be included at the meeting where any member of the public may address the Committee on any subject within the Committee's jurisdiction. The total time for this item will be limited by the Chair.

Americans with Disabilities Act: In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Cachuma Operation & Maintenance Board (COMB) at 687-4011 at least 48 hours prior to the meeting to enable staff to make reasonable arrangements.

[This Agenda was posted at COMB offices, 3301 Laurel Canyon Road, Santa Barbara, CA and Noticed and Delivered in Accordance with Section 54954.1 and .2 of the Government Code.]

AGENDA

ADMINISTRATIVE COMMITTEE

At

CARPINTERIA VALLEY WATER DISTRICT
1301 SANTA YNEZ AVENUE
CARPINTERIA, CALIFORNIA

August 29, 2023 at 12:15 p.m.

If interested in participating in a matter before the Committee**,** you are strongly encouraged to provide the Committee with public comment in one of the following ways:

1. Submitting a Written Comment. If you wish to submit a written comment, please email your comment to the Board Secretary at Public_Comment@cvwd.net **by 11:00 A.M. on the day of the meeting**. Please limit your comments to 250 words. Every effort will be made to read your comment into the record, but some comments may not be read due to time limitations.

2. Providing Verbal Comment Telephonically. If you wish to make either a general public comment or to comment on a specific agenda item as it is being heard please send an email to the Board Secretary at Public_Comment@cvwd.net **by 11:00 A.M. on the day of the meeting** and include the following information in your email: (a) meeting date, (b) agenda item number, (c) subject or title of the item, (d) your full name, (e) your call back number including area code. During public comment on the agenda item specified in your email, District staff will make every effort to contact you via your provided telephone number so that you can provide public comment to the Committee electronically.

Please note the President has the discretion to limit the speaker's time for any meeting or agenda matter.

I. CALL TO ORDER

II. PUBLIC FORUM (Any person may address the Administrative Committee on any matter within its jurisdiction which is not on the agenda)

III. OLD BUSINESS – None

IV. NEW BUSINESS

a. **Discuss Capital Cost Recovery Fee update.**
b. **Discuss Shepard Mesa Tank License Agreement.**

V. ADJOURNMENT

Robert McDonald, Board Secretary

Note: The above Agenda was posted at Carpinteria Valley Water District Administrative Office in view of the public no later than 12:00 p.m., August 26, 2023. The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied benefits of, the District's programs, services, or activities because of any disability. If you need special assistance to participate in this meeting, please contact the District Office at (805) 684-2816. Notification at least twenty-four (24) hours prior to the meeting will enable the District to make appropriate arrangements.

Materials related to an item on this Agenda submitted to the Board of Directors after distribution of the agenda packet are available for public inspection in the Carpinteria Valley Water district offices located at 1301 Santa Ynez Avenue, Carpinteria during normal business hours, from 8 am to 5 pm.

**Indicates attachment of document to agenda packet.