Casitas Municipal Water District

FINANCE COMMITTEE Cole/Hajas

# The meeting will be held in person at the district office 1055 Ventura Ave. Oak View, CA

And via teleconference Join Zoom Meeting <u>https://us06web.zoom.us/j/87544689087?pwd=dDFmaTdYMGFhaGtXVW1HaGRWbmIoZz09</u> Meeting ID: 875 4468 9087 Passcode: 524661

> To attend via telephone please call Toll Free (877) 853-5247 or (888)788-0099 Meeting ID: 875 4468 9087# Passcode: 524661#

#### September 1, 2023 <u>10:00 a.m.</u>

#### **Special Meeting Agenda**

- 1. Roll call
- 2. Public comments
- 3. Board/Management comments.
- 4. Review of Casitas MWD Capital Replacement/Improvement Matrix.

<u>Right to be heard</u>: Members of the public have a right to address the Board directly on any item of interest to the public which is within the subject matter jurisdiction of the Board. The request to be heard should be made immediately before the Board's consideration of the item. No action shall be taken on any item not appearing on the agenda unless the action is otherwise authorized by subdivision (b) of ¶54954.2 of the Government Code.

If you require special accommodations for attendance at or participation in this meeting, please notify our office in advance (805) 649-2251 ext. 113. (Govt. Code Section 65954.1 and 54954.2(a). Please be advised that members of the Board of Directors of Casitas who are not members of this standing committee may attend the committee meeting referred to above only in the capacity of observers, and may not otherwise take part in the meeting. (Govt. Code Sections 54952.2(c)(6).

# MEMORANDUM

TO: Finance Committee

From: Michael L. Flood, General Manager

RE: Review of Casitas MWD Capital Replacement/Improvement Matrix

Date: August 30, 2023

#### **RECOMMENDATION:**

The Finance Committee direct staff to forward this information to the Board of Directors for discussion.

#### BACKGROUND:

During the August 23, 2023 Regular Meeting of the Casitas MWD Board of Directors, the Board asked that the Finance Committee review the District's Capital Replacement/Improvement Matrix.

#### DISCUSSSION:

The Finance Committee reviewed a 10-Year Capital Replacement Matrix at their March Meeting that included approximately \$57M in projects.

The estimated costs in this matrix were added to new capital projects along with capital projects typically found in the District's annual budgets for inclusion in the Casitas' 2023 Draft Water Rate Study.

The resulting matrix looks at the estimated Capital Replacement/Improvement costs that would be expected over the next ten years and would be proposed to be paid through a combination of water rates, bonds, and possibly natural disaster recovery funding through the Federal Emergency Management Agency (FEMA).

Overall spending in this matrix is estimated to be \$121M.

Also attached is a proposed modified matrix that reduces ten-year capital spending by \$1.72M overall and shifts \$26.5M of spending from the first five years to the second five years. The proposed modifications are highlighted in yellow.

# FINANCE COMMITTEE MATRIX (MARCH 2023)

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Dji Valley Punp Station         Switchgear complete         Punp Replacement         \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	· · · · · · · · · · · · · · · · · · ·		Valve Insertion	<sup> </sup>	Ş	
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Sat O Jakeservoir     Interior Recoat     Yes     \$ 4,000,000,000,000,000,0000,0000,0000,0	Ojai Valley Pump Station	Switchgear complete	• •		Ŧ	
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Casitas-Owned         Current Status         Needs         Urgent?         0           Marifold Refurbishment/Surge Tank B Recoat         S         2,466,000.0         0           Upper Rincon Lateral         Aged/Leaks         Replace 1,800' of Pipe         Yes         1,500,000.0           Nanifold Refurbishment/Surge Tank B Recoat         S         2,466,000.0         0         0           Upper Rincon Lateral         Aged/Leaks         Replace 1,800' of Pipe         Yes         1,500,000.0           Rincon Pipeline (Casitas 2M System)         Replacement of Various Spans (MNS Tech Nemo)         S         9,300,000.0           Straid Beach Main         Lower section needs realignment         S         1,500,000.0           Farit Beach Main         Pumping Plant and Piping Aged         Ongoing Pump Plant Refurb/Asses Pipeline         0           Carract Pipeline (Casitas VIM System)         Pressure Issues/Piping Aged         Needs Corrosion Assessment         0           Stata Ana Pipeline Extension         Vaults and Appurtenances         0         0         0           Ari Wew And Mira Monte System         Aged/Alignment Issues         Instail Pump Station VFD/Abandon Tank         Yes         \$         1,500,000.0           Sarder System         Aged/Alignment Issues         Install Pump Station VFD/Abandon Tank         Yes	Upper Ojai Pipeline					
Casitas-OwnedCurrent StatusNeedsUrgent?0Marion Walker Treatment Plant Tat PipePlant Approaching 30 Year AnniversaryManifold Refurbishment/Surge Tank B Recoat\$ 2,460,000.0Upper Rincon LateralAged/LeaksReplace 1,800' of 6" PipeYes\$ 1,500,000.0Nincon Plancing Reservoir #2Interior recoat\$ 9,300,000.0aria Beach MainPumping Plant and Piping AgedOuger section needs realignment\$ 9,300,000.0aria Beach MainPumping Plant and Piping AgedOuger section needs realignment\$ 1,500,000.0ariar beach MainPressure Issues/Piping AgedOuger section needs realignment\$ 2,500,000.0arant Ana Pipeline (Casitas VIM System)Pressure Issues/Piping AgedPump Plant Instail/Replace PipingYes\$ 2,500,000.0arant Ana Pipeline ExtensionAgedDrill New Well Onsite/Provide TreatmentYes\$ 1,500,000.0Carder SystemAgedDrill New Well Onsite/Provide TreatmentYes\$ 1,500,000.0Carder SystemAged/Alignment IssuesInterior Recoat\$ 2,500,000.0Carder SystemAged/Alignment IssuesInterior Recoat<	Upper Ojai Reservoir		Interior recoat		\$	2,500,000.00
Marion Walker Treatment Plant     Plant Approaching 30-Year Anniversary     Manifold Refurbishment/Surge Tank B Recoat     S     2,460,000.0       Irreatment Plant Fat Pipe     Assessment     0       Diper Rincon Lateral     Aged/Leaks     Replace 1,800' of 6" Pipe     Yes     \$ 1,500,000.0       Nincon Blancing Reservoir #2     Replace 1,800' of 6" Pipe     Yes     \$ 1,500,000.0       Faria Beach Main     Pumping Plant and Piping Aged     Ongoing Pump Plant Refurb/Assess Pipeling     0       Camp Chafee System     Pumping Plant and Piping Aged     Ongoing Pump Plant Refurb/Assess Pipeling     0       Camp Chafee System     Pressure Issues/Piping Aged     Pumping Plant Refurb/Assess Pipeling     Ves     \$ 2,500,000.0       Strat Ana Pipeline Extension     Pumping Plant Aged/Leaks     Needs Corrosion Assessment     0     0       Oak View and Mira Monte System     Aged/Alignment Issues     Interior Recoat     \$ 2,500,000.0       Sarden System     Aged/Alignment Issues     Install Pump Station VFD/Abandon Tank     Yes     \$ 1,100,000.0       Sarden System     Sutchgear complete     0     0     0       Sarden System     Aged/Alignment Issues     Install Pump Station VFD/Abandon Tank     Yes     \$ 1,500,000.0       Sarden System     Sutchgear complete     0     0     0       Sarden System     Sutchgear c						-
Image: Presenter Plant Fat Pipe     Aged/Leaks     Replace 1,800° of 6° Pipe     Yes     \$ 1,500,000.0       Inncon Balancing Reservoir #2     Interior recoat     \$ 1,500,000.0       Nincon Bilancing Reservoir #2     Replacement of Various Spans (MNS Tech Memo)     \$ 9,300,000.0       Faria Beach Main     Lower section needs realignment     \$ 1,500,000.0       Faria Beach Main     Pumping Plant and Piping Aged     Onging Pump Plant Refurb/Assess Pipeline     0       Camp Chafee System     Purssure Issues/Piping Aged     Pumping Plant Refurb/Assess Pipeline     0       Camp Chafee System     Pressure Issues/Piping Aged     Pumping Plant Refurb/Assess Pipeline     0       Saruty Pipeline Extension     0     0     0     0       Dak View and Mira Monte System     Aged/Alignment Issues     Vaults and Appurtenances     0       Oarden System     Aged/Alignment Issues     Instail Reprub/Abandon Tank     Yes     \$ 2,500,000.0       Sarden System     Aged/Alignment Issues     Instail Pump Station VFD/Abandon Tank     Yes     \$ 3,000,000.0       Sarder System     Aged/Alignment Issues     Instail Pump Station VFD/Abandon Tank     Yes     \$ 2,550,000.0       Sarder System     Switchgear complete     0     0     0       Sarder System     Switchgear complete     0     0       Sarder System     Switch	<u>Casitas-Owned</u>	Current Status		Urgent?	_	-
Jpper Rincon Lateral         Aged/Leaks         Replace 1,800' of 6'' Pipe         Yes         \$ 1,500,000.0           Rincon Balancing Reservoir #2         Interior recoat         \$ 1,500,000.0           Rincon Pipeline (Casitas 2M System)         Replacement of Various Spans (NNS Tech Memo)         \$ 9,300,000.0           Faria Beach Main         Lower section needs realignment         \$ 1,500,000.0           Faria Beach Main         Pumping Plant and Piping Aged         Ongoing Pump Plant Refurb/Assess Pipeline         0           Camp Chafee System         Pressure Issues/Piping Aged         Needs Corrosion Assessment         0           Granta Ana Pipeline Extension         Pressure Issues/Piping Aged         Needs Corrosion Assessment         0           Viar Adnotte System         Aged/Alignment Issues         Needs Corrosion Assessment         0           Viar Adnotte System         Aged         Drill New Well Onsite/Provide Treatment         Yes         \$ 1,100,000.0           Creek Road Pipeline         Aged/Alignment Issues         Interior Recoat         \$ 0         0           Sarden System         Aged/Alignment Issues         Instail Pump Station VFD/Abandon Tank         Yes         \$ 1,500,000.0           Creek Road Pipeline         Sarden System         Sattriget Complexes         Sattriget Complexes         \$ 0         0	Marion Walker Treatment Plant	Plant Approaching 30-Year Anniversary	Manifold Refurbishment/Surge Tank B Recoat		\$	2,460,000.00
Nincon Balancing Reservoir #2         Interior recoat         \$ 1,500,000.0           Rincon Pipeline (Casitas 2M System)         Pumping Plant and Piping Aged         Ongoing Pump Plant Refurb/Assess Pipeline         \$ 1,500,000.0           Carar Beach Main         Pumping Plant and Piping Aged         Ongoing Pump Plant Refurb/Assess Pipeline         \$ 0           Carar Dack System         Pumping Plant and Piping Aged         Ongoing Pump Plant Refurb/Assess Pipeline         \$ 0           Carar Dack System         Pressure issues/Piping Aged         Pump Plant Install/Replace Piping         \$ 2,500,000.0           Saruts Ana Pipeline (Casitas V1M System)         Needs Corrosion Assessment         0         0           Saruts Ana Pipeline System         Aged         Drill New Well Onsite/Provide Treatment         Yes         \$ 1,100,000.0           Saruts Ana Pipeline         Aged         Drill New Well Onsite/Provide Treatment         Yes         \$ 1,100,000.0           Creek Road Pipeline         Aged/Alignment Issues         Install Pump Station VFD/Abandon Tank         Yes         \$ 1,500,000.0           Sarive MP Pieline         Switchgear complete         Interior Recoat         \$ 2,500,000.0         0           Sarive MP Pieline         Switchgear complete         Abandon/Downsize Sections         Yes         \$ 1,500,000.0           Sarive MP Pieline         Switc	Treatment Plant Fat Pipe		Assessment			0
Rincon Pipeline (Casitas 2M System)         S         9,300,000.0           Garia Beach Main         Lower section needs realignment         \$         1,500,000.0           Camp Chafee System         Pumping Plant and Piping Aged         Ongoing Pump Plant Refurb/Assess Pipeline         0           Camp Chafee System         Pressure Issues/Piping Aged         Pump Plant Install/Replace Piping         Yes         \$         2,500,000.0           Gara ty Pipeline (Casitas V1M System)         Pressure Issues/Piping Aged         Pump Plant Install/Replace Piping         Yes         \$         2,500,000.0           Gara ty Pipeline (Casitas V1M System)         Pressure Issues/Piping Aged         Pump Plant Install/Replace Piping         Yes         \$         2,500,000.0           Care Koad Pipeline Extension         Needs Corrosion Assessment         0         0         0           Oak View and Mira Monte System         Aged         Dill New Well Onsite/Provide Treatment         Yes         \$         1,500,000.0           Creek Koad Pipeline         Aged/Alignment Issues         Install Pump Station YED/Abandon Tank         Yes         \$         2,500,000.0           Garden System         Switchgear complete         Install Pump Station YED/Abandon Tank         Yes         \$         3,000,000.0           Yatilig Condwit         Water Quality/Leak/Oversized in	Upper Rincon Lateral	Aged/Leaks	Replace 1,800' of 6" Pipe	Yes	\$	1,500,000.00
Faria Beach Main         Lower section needs realignment         S         1,500,000           Fortres System         Pumping Plant and Piping Aged         Ongoing Pump Plant Refurb/Assess Pipeine         V         S         2,500,000         C           Camp Chafee System         Persoure Issues/Piping Aged         Pump Plant Install/Replace Piping         V         S         2,500,000         C	Rincon Balancing Reservoir #2		Interior recoat		\$	1,500,000.00
Pumping Plant and Piping AgedOngoing Pump Plant Refurb/Assess PipelineOCamp Chafee SystemPressure Issues/Piping AgedPump Plant Install/Replace PipingYes\$\$\$\$\$0Sarut X Pipeline (Casitas V1M System)Needs Corrosion AssessmentI000	Rincon Pipeline (Casitas 2M System)		Replacement of Various Spans (MNS Tech Memo)		\$	9,300,000.00
Camp Chafee System         Pressure Issues/Piping Aged         Pump Plant Install/Replace Piping         Yes         \$ 2,500,000           Gravity Pipeline (Casitas V1M System)          Needs Corrosion Assessment          0           Santa Ana Pipeline Extension          Needs Corrosion Assessment          0           Dak View and Mira Monte System          Name         Needs Corrosion Assessment          0           Dak View and Mira Monte System          Name         Vaults and Appurtenances          0           Dak View and Mira Monte System          Aged         Drill New Well Onsite/Provide Treatment         Yes         \$ 1,100,000.00           Creek Road Pipeline           Aged/Alignment Issues         Install Pump Station VFD/Abandon Tank         Yes         \$ 2,500,000.00           Garden System          Switchgear complete         Install Pump Station VFD/Abandon Tank         Yes         \$ 3,000,000.00           Fairview Reservoirs               0           Matilija Conduit         Water Quality/Leaks/Oversized in upper reaches         Abandon/Downsize Sections         Yes         \$ 2,150,000.00         0           Mater Servoirs	Faria Beach Main		Lower section needs realignment		\$	1,500,000.00
Gravity Pipeline (Casitas V1M System)Needs Corrosion Assessment0Santa Ana Pipeline Extension0Oak View and Mira Monte SystemVaults and Appurtenances0Oak View and Mira Monte SystemAgedDrill New Well Onsite/Provide TreatmentYes\$ 1,100,000.0Creek Road Pipeline000Oak View Reservoir #2Interior Recoat\$ 2,500,000.0Garden SystemAged/Alignment IssuesInstall Pump Station VFD/Abandon TankYes\$ 1,5000.00Fairview Pipeline000Fairview Pipeline000Fairview Reservoirs000Fairview Reservoirs000Mat Pipeline000Fairview Reservoirs000Mat Pump StationSwitchgear complete00Mat Pipeline000Mat Pipeline000Mat Pipeline000Mat Pipeline000Mat Pipeline000Mat Pipeline000Mat Pipeline000Japer Ojai 3M Reservoir00Grand Avenue Pump Station0	Fortress System	Pumping Plant and Piping Aged	Ongoing Pump Plant Refurb/Assess Pipeline			0
Santa Ana Pipeline ExtensionImage: constraint of the systemImage: constraint of the system <thimage: constraint="" of="" system<="" t<="" td="" the=""><td>Camp Chafee System</td><td>Pressure Issues/Piping Aged</td><td>Pump Plant Install/Replace Piping</td><td>Yes</td><td>\$</td><td>2,500,000.00</td></thimage:>	Camp Chafee System	Pressure Issues/Piping Aged	Pump Plant Install/Replace Piping	Yes	\$	2,500,000.00
Dak View and Mira Monte SystemVaults and Appurtenances0Mira Monte WellAgedDrill New Well Onsite/Provide TreatmentYes\$ 1,100,000.0Creek Road Pipeline0Dak View Reservoir #2Interior Recoat\$ 2,500,000.0Garden SystemAged/Alignment IssuesInstall Pump Station VFD/Abandon TankYes\$ 155,000.0Fairview Pipeline00Fairview Pump StationSwitchgear completeInterior Recoat\$ 0Fairview ReservoirsSwitchgear complete0Matilija ConduitWater Quality/Leaks/Oversized in upper reachesAbandon/Downsize SectionsYes\$ 2,150,000.04M Pupe StationSwitchgear complete000Matilija ConduitSwitchgear complete004M Pupe StationSwitchgear complete00Matiliya ConduitSwitchgear complete004M PipelineSwitchgear complete004M PipelineSwitchgear complete0004M PipelineSwitchgear complete0004M PipelineSwitchgear complete0004M PipelineSwitchgear complete0004M PipelineSwitchgear complete0004M PipelineSwitchgear complete000 <trr< tr="">4M ReservoirSwitc</trr<>	Gravity Pipeline (Casitas V1M System)		Needs Corrosion Assessment			0
Mira Monte Well       Drill New Well Onsite/Provide Treatment       Yes       \$       1,100,000         Creek Road Pipeline       Image: State S	Santa Ana Pipeline Extension					0
Mira Monte Well       Drill New Well Onsite/Provide Treatment       Yes       \$       1,100,000         Creek Road Pipeline       Image: State S	Oak View and Mira Monte System		Vaults and Appurtenances			0
Creek Road Pipeline       Interior Recoat       \$       2,500,000.0         Dak View Reservoir #2       Aged/Alignment Issues       Install Pump Station VFD/Abandon Tank       Yes       \$       155,000.0         Garden System       Aged/Alignment Issues       Install Pump Station VFD/Abandon Tank       Yes       \$       155,000.0         Fairview Pipeline       Switchgear complete       Install Pump Station Recoat       0       0         Fairview Reservoirs       Water Quality/Leaks/Oversized in upper reaches       Abandon/Downsize Sections       Yes       \$       2,150,000.0         MA Pump Station       Switchgear complete       0       0       0       0       0         MAPUmp Station       Switchgear complete       Abandon/Downsize Sections       Yes       \$       2,150,000.0       0         MA Pump Station       Switchgear complete       0	Mira Monte Well	Aged		Yes	\$	1,100,000.00
Dak View Reservoir #2Interior Recoat\$ 2,500,000.0Garden SystemAged/Alignment IssuesInstall Pump Station VFD/Abandon TankYes\$ 155,000.0Fairview PipelineSwitchgear completeInstall Pump Station VFD/Abandon TankYes\$ 155,000.0Fairview Pump StationSwitchgear completeInterior Recoat0Fairview ReservoirsWater Quality/Leaks/Oversized in upper reachesAbandon/Downsize SectionsYes\$ 2,150,000.0MA Pump StationSwitchgear complete0004M Pump StationSwitchgear complete004M PipelineSwitchgear complete004M ReservoirsQ004M Reservoirs0004M Reservoirs0004M Reservoirs0004M Reservoirs0004M Reservoirs0004M Reservoirs0004M Reservoirs0004M Reservoir0004M Reservoir0004M Reservoir0004M Reservoir0004M Reservoir0004M Reservoir004M Reservoir004M Reservoir004M Reservoir004M Reservoir004M Reservoir004M Reservoir004M Reservoir	Creek Road Pipeline	<u> </u>				
Garden SystemAged/Alignment IssuesInstall Pump Station VFD/Abandon TankYes\$155,000.0Fairview Pipeline00Fairview Pump StationSwitchgear complete00Fairview Reservoirs000Mater Quality/Leaks/Oversized in upper reachesAbandon/Downsize SectionsYes\$2,150,000.0MA Pump StationSwitchgear complete000MA Pipeline00000MA Pipeline00000MA Reservoirs00000Juper Ojai 3M Pump StationSwitchgear complete000Upper Ojai 3M ReservoirSwitchgear complete0000Grand Avenue Pump StationSwitchgear complete00000Grand Avenue Pump StationReservoir Condition/CapacityIntegration with Casitas System/Pipeline ReplacementYes\$6,900,000.0The Ojai SystemReservoir Condition/CapacityIntegration with Casitas System/Pipeline ReplacementYes\$6,900,000.0			Interior Recoat		Ś	2,500,000.00
Fairview Pipeline       0         Fairview Pipeline       0         Fairview Pump Station       Switchgear complete         Fairview Reservoirs       Interior Recoat         Matilija Conduit       Water Quality/Leaks/Oversized in upper reaches         Abandon/Downsize Sections       Yes         Vestor       \$ 2,150,000.0         4M Pump Station       Switchgear complete         4M Pipeline       0         4M Reservoirs       2         10       Switchgear complete         10       0         4M Reservoirs       0         10		Aged/Alignment Issues		Yes		, ,
Fairview Pump StationSwitchgear completeInterior Recoat0Fairview ReservoirsVater Quality/Leaks/Oversized in upper reachesAbandon/Downsize SectionsYes\$2,150,000.0Matilija ConduitWater Quality/Leaks/Oversized in upper reachesAbandon/Downsize SectionsYes\$2,150,000.04M Pump StationSwitchgear complete0004M Reservoirs2Interior Recoat\$3,000,000.04M Reservoirs2Interior Recoat\$3,000,000.0Jpper Ojai 3M Pump StationSwitchgear complete00Jpper Ojai 3M ReservoirSwitchgear complete00Grand Avenue Pump Station000The Ojai SystemReservoir Condition/CapacityIntegration with Casitas System/Pipeline ReplacementYes\$6,900,000.0SystemReservoir Condition/CapacityIntegration with Casitas System/Pipeline ReplacementYes\$6,900,000.0					<b></b>	
Fairview Reservoirs       Interior Recoat       \$\$3,000,000,000         Matilija Conduit       Water Quality/Leaks/Oversized in upper reaches       Abandon/Downsize Sections       Yes       \$\$2,150,000,000,000         4M Pump Station       Switchgear complete       Image: Switchgear complete <td>•</td> <td>Switchgear complete</td> <td></td> <td></td> <td>1</td> <td></td>	•	Switchgear complete			1	
Matilija Conduit       Water Quality/Leaks/Oversized in upper reaches       Abandon/Downsize Sections       Yes       \$ 2,150,000.0         4M Pump Station       Switchgear complete       0       0       0         4M Pipeline       0       0       0       0         4M Reservoirs       2       Interior Recoat       \$ 3,000,000.0         Upper Ojai 3M Pump Station       Switchgear complete       0       0         Upper Ojai 3M Reservoir       Switchgear complete       0       0         Grand Avenue Pump Station       Reservoir Condition/Capacity       Integration with Casitas System/Pipeline Replacement       Yes       \$ 6,900,000.0			Interior Recoat	+	Ś	
4M Pump Station       Switchgear complete       Interior Recoat       Image: Complete complete       Image: Complete complete complete complete       Image: Complete complete complete complete complete complete       Image: Complete complete complete complete complete complete complete complete       Image: Complete compl		Water Quality/Leaks/Oversized in upper reaches		Yes		
AM Pipeline       Interior Recoat       0         4M Reservoirs       2       Interior Recoat       \$ 3,000,000.0         4M Reservoirs       Switchgear complete        0         Jpper Ojai 3M Pump Station       Switchgear complete        0         Jpper Ojai 3M Reservoir        0       0         Grand Avenue Pump Station       Reservoir Condition/Capacity       Integration with Casitas System/Pipeline Replacement       Yes       \$ 6,900,000.0					<b>–</b>	
AM Reservoirs       2       Interior Recoat       \$ 3,000,000.0         Upper Ojai 3M Pump Station       Switchgear complete       0       0         Upper Ojai 3M Reservoir       C       0       0         Grand Avenue Pump Station       Reservoir Condition/Capacity       Integration with Casitas System/Pipeline Replacement       Yes       \$ 6,900,000.0		SwitchBear complete		+		
Upper Ojai 3M Pump Station       Switchgear complete       0         Jpper Ojai 3M Reservoir       6       0         Grand Avenue Pump Station       8       0         The Ojai System       Reservoir Condition/Capacity       Integration with Casitas System/Pipeline Replacement       Yes	•	2	Interior Pocoat	+ <sup> </sup>	ć	
Upper Ojai 3M Reservoir       Image: constraint of the constra		<u> </u>		+'	<del>`</del>	
Grand Avenue Pump Station       Comparison       Comparison <t< td=""><td></td><td>Switchgear complete</td><td></td><td>+'</td><td>├──</td><td></td></t<>		Switchgear complete		+'	├──	
The Ojai System Reservoir Condition/Capacity Integration with Casitas System/Pipeline Replacement Yes \$ 6,900,000.0				<b> </b>	<u> </u>	
	•					-
Total \$ 56,856,000.0	The Ojai System	Reservoir Condition/Capacity	Integration with Casitas System/Pipeline Replacement		<u> </u>	
				Total	\$	56,856,000.00

## CURRENT CIP MATRIX IN 2023 DRAFT WATER RATE STUDY

Driginal Description	Fiscal Year	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031	2031/2032	2032/2033	Total 10 Year	Funding
4M Reservoirs	4M Reservoir Recoating								3,000,000			3,000,000	Bonding
Camp Chafee System	Camp Chafee System - Pipeline/Pump Station		75.000	100,000	150,000	2,350,000						2,500,000	
Casitas Dam & Outlet Works East Ojai Reservoir	Casitas Dam & Outlet Works - Pipeline & Equipment Rehab/Replacement East Ojai Reservoir Recoating Project		75,000	2,000,000	2,000,000							175,000 4,000,000	
Fairview Reservoirs	Fairview Reservoir Recoating			2,000,000	2,000,000			3,000,000				3,000,000	
Faria Beach Main	Faria Beach Main Relocation			750,000	750,000							1,500,000	
Gardens System	Gardens System Modification		50,000	105,000								155,000	
Marion Walker WTP Piping Improvements Mira Monte Well	Marion Walker WTP Piping Improvement/Replacement Mira Monte Well Replacement	60,000	300,000	325,000	350,000	375,000 100.000	400,000	425,000	471,000			2,706,000	
Oak View Reservoir #1	Oak View Reservoir #1 Recoating					100,000	2,500,000	300,000				2,500,000	
Oak View Reservoir #2	Oak View Reservoir #2 Recoating								2,500,000			2,500,000	
Oak View/ Miramonte Pipeline	Oak View/ Miramonte Pipeline Valve Insertion		150,000									150,000	
Ojai Valley Pipeline	Ojai Valley Pipeline Valve Insertion		150,000									150,000	
Ojai Valley Pump Station OWS Integration	Ojai Valley Pump Station OWS Integration with Casitas Legacy System		420,000		400.000	2,200,000	150,000	400,000	250,000	2,500,000	1,000,000	420,000 6,900,000	
Rincon 2M Pipeline Replacement	Rincon 2M Pipeline Replacement	100,000	200,000		9,000,000	2,200,000	150,000	400,000	230,000	2,500,000	1,000,000	9,300,000	
Rincon Balancing Reservoir #1	Rincon Balancing Reservoir #1 Recoating						1,500,000					1,500,000	
Rincon Balancing Reservoir #2	Rincon Balancing Reservoir #2 Recoating							1,500,000				1,500,000	
Rincon Control Reservoir Rincon Pipeline Vent Structure	Rincon Control Reservoir Replacement Rincon Pineline Vent Structure		800,000		250.000							800,000 250.000	
Robles Diversion	Robles Diversion Cleanout and Cutoff Wall Rehab				2,000,000			2,000,000			2,000,000	6,000,000	
Santa Ana Pipeline (to bridge crossing)	Santa Ana Pipeline Valve Insertion		150,000					_,,			_,,	150,000	
Signal Booster Zone Hydraulic Improvements	Signal Booster Zone Hydraulic Improvements		205,000		2,898,500	1,338,700						4,442,200	Bonding
Transmission & Distribution Pipeline Replacements	Transmission & Distribution Pipeline Replacements		500,000	500,000	500,000	1,000,000	1,500,000	1,500,000	1,500,000	1,000,000	1,000,000	9,000,000	
Upper Ojai Reservoir	Upper Ojai Reservoir Recoating			750.000	750.000						2,500,000	2,500,000	
Upper Rincon Lateral Villanova Pipeline	Upper Rincon Lateral Replacement Villanova Pipeline Valve Insertion		150,000	750,000	750,000								Bonding
vinanova ripenite	Sub total Bonding	160,000	3,150,000	4,530,000	19,048,500	7,363,700	6,550,000	9,325,000	7,721,000	3,500,000	6,500,000	67,848,200	bonding
eidelberger Tank and Pump Plant Retaining Walls	Heidelberger Tank and Pump Plant Retaining Walls	.,						,				-	CFD 2013-1
Mutual Well #7 Equipping and Site Work	Mutual Well #7 Equipping and Site Work												CFD 2013-1
Mutual Wellfield Piping Improvements	Running Ridge/Foothill Pipeline Modification	300,000 968,655											CFD 2013-1 CFD 2013-1
West and East Ojai Avenue Pipeline Replacement	West and East Ojai Avenue Pipeline Replacement Sub total CFD 2013-1	968,655		-					-	-	-	968,655	0.0.2013-1
Servers	Admin Data Servers	1,200,000	20,000		-	-	20,000	-	-	-	-		CMWD (Reserves or Rates)
Anodes Replacement	Anodes Replacement - Casitas Dam Inlet Structure		-			225,000						225,000	CMWD (Reserves or Rates)
utomation-Engineering Services	Automation-Engineering Services		60,000									60,000	CMWD (Reserves or Rates)
we#1/2 Pump #4 Rehabilitation	Ave#1/2 Pump #4 Rehabilitation		300,000	325,000									CMWD (Reserves or Rates)
B.W. Residuals Drying Bed Rehabilitations Nackwash Surge Tank "B" Coating and Restoration	B.W. Residuals Drying Bed Rehabilitations Backwash Surge Tank "B" Coating and Restoration		45,000 160,000										CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Casitas Dam Drainage	Casitas Dam Drainage Improvement/Rehabilitation		200,000										CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Casitas Dam Hollow Jet Valve	Casitas Dam Hollow Jet Valve Replacement/Modification		250,000										CMWD (Reserves or Rates)
Casitas Dam Spillway Erosion Control	Casitas Dam Spillway Erosion Control		350,000										CMWD (Reserves or Rates)
hemical Dosing Equipment Replacement	Chemical Dosing Equipment Replacement		45,000	40,000	40,000	45,000							CMWD (Reserves or Rates)
Dam Intake Screen Maintenance Dam Intake Structure Restoration and Rehab	Dam Intake Screen Maintenance Dam Intake Structure Restoration and Rehab	60,000	100,000										CMWD (Reserves or Rates) CMWD (Reserves or Rates)
pillway Drainage System / Stilling Basin Cleanout / Drainage Modifications	Dam Intake Structure Restoration and Renab Dam Spillway Drainage System / Stilling Basin Cleanout / Drainage Modifications		30,000	150,000	1,200,000								CMWD (Reserves or Rates) CMWD (Reserves or Rates)
BP Reduction by Converting Fat Pipe to Chloramines	DBP Reduction by Converting Fat Pipe to Chloramines	280,500	50,000	150,000	1,200,000								CMWD (Reserves or Rates)
ault Rehabilitation	Distribution System Vault Rehabilitation	55,000	57,000	60,000	63,000	66,000	69,000	72,000	75,000	78,000	81,000		CMWD (Reserves or Rates)
Vehicle Replacement	District Fleet Vehicle Replacement	221,121	163,133	524,175	469,189	390,874	574,360	531,478	349,451	382,546			CMWD (Reserves or Rates)
District Office Maintenance	District Office Maintenance - Replace Admin Bldg. Roof		30.000	500,000	20.000	35.000	35.000	25.000	25.000				CMWD (Reserves or Rates)
Vistrict Building Improvements Facility Paving	District Water Facility Building Improvements Facility Paving	100,000	100.000	30,000	30,000	100,000	35,000	35,000	35,000 100,000	100.000	100.000		CMWD (Reserves or Rates)
ilter Media Cleaning Filter	Filter Media Cleaning Filter	123,050	125,000	125,000	125,000	125,000	125,000	125,000	100,000	100,000	100,000		CMWD (Reserves or Rates)
Fortress Site Stability	Fortress Reservoir Site Stability Improvements	50,000	250,000									300,000	CMWD (Reserves or Rates)
eidelberger Booster Station and Reservoir Slope Stability	Heidelberger Booster Station and Reservoir Slope Stability		100,000										CMWD (Reserves or Rates)
ab Renovation; incubator; backup power	Lab Renovation; incubator; backup power	28,401					100.000						CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Lake Casitas Bathymetric Survey	Lake Casitas Bathymetric Survey Lake Water Quality Department Vessel	101,182					100,000						CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Large Valve Replacement	Large Valve Replacement - Distribution System	101,102	150,000	157,000	164,000	171,000	179,000	187,000	195,000	204,000	213,000		CMWD (Reserves or Rates)
ower Rincon Main Crossing Replacements (2)	Lower Rincon Main Crossing Replacements (2)	30,000											CMWD (Reserves or Rates)
MWWTP Building Expansion	Marion Walker Treatment Plant Building Expansion		400,000										CMWD (Reserves or Rates)
Aatilija Conduit Abandonment Ojala Improvements	Matilija Conduit Abandonment Ojala Improvements	40,000											CMWD (Reserves or Rates)
Aeters	Meter Replacements Mutual #7 Well Awning	155,000 17,000	163,000	171,000	180,000	189,000	198,000	208,000	218,000	229,000	240,000		CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Autual 7 Awning (sound mitigation) AXU Battery Replacement	MXU Battery Replacement	17,000		90.000	95,000	100,000	105,000	110,000	116,000	122,000	128,000		CMWD (Reserves of Rates)
New Accounting System	New Accounting System			250,000						,	,		CMWD (Reserves or Rates)
New Ojai System Well	New Ojai System Well - Design										105,000	105,000	CMWD (Reserves or Rates)
Ojai Valley Pump Plant Improvements	Ojai Valley Pump Plant Improvements				350,000								CMWD (Reserves or Rates)
aint Exterior and Interior of Marion Walker Treatment Plant	Paint Exterior and Interior of Marion Walker Treatment Plant Paving Marion Walker Treatment Plant	48.000		45,000	200,000	125,000							CMWD (Reserves or Rates) CMWD (Reserves or Rates)
aving Marion Walker Treatment Plant P Control Valves	Paving Marion Walker Treatment Plant Pump Plant Control Valves	48,000	10,000	10.000	10.000	10.000	10,000	10.000	10,000	10.000	10.000		CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ump Plant Emergency Generator	Pump Plant Emergency Generator - Portable		10,000	10,000	10,000	10,000	10,000	10,000	_0,000	_0,000	_3,000		CMWD (Reserves of Rates)
ump Plant Motor Awnings	Pump Plant Motor Awnings		26,000	28,000								54,000	CMWD (Reserves or Rates)
ump Plant Restoration	Pump Plant Restoration												CMWD (Reserves or Rates)
ump Repairs and Mechanical Seal Installs	Pump Repairs and Mechanical Seal Installs	89,600	53,000	56,000	59,000	62,000	65,000	68,000	71,000	75,000	79,000		CMWD (Reserves or Rates)
teplacement Pumps (Sludge Pump and Backwash Mix Pump)	Replacement Pumps (Sludge Pump and Backwash Mix Pump) Reservoir Cleaning and Inspections	11,200				50,000					50,000		CMWD (Reserves or Rates)
teservoir Cleaning and Inspections	Reservoir Cleaning and Inspections Reservoir Mixers	41,042	43,000	45,000	47,000	50,000					50,000		CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Tank Seismic Upgrades	Reservoir Seismic Upgrades	300,000		350,000		350,000		350,000		350,000		1,700,000	CMWD (Reserves or Rates)
Rewind motor and pump rebuild	Rewind motors and rebuild pumps	16,000	52,000	54,000	56,000	58,000	61,000	64,000	67,000	70,000	73,000		CMWD (Reserves or Rates)
lincon Regulator vault improvements	Rincon Regulator vault improvements	25,000	25,000	25,000									CMWD (Reserves or Rates)
Robles Canal Access Road Paving Robles Crane System	Robles Canal Access Road Paving Robles Crane System	300,000	300,000 100,000	300,000									CMWD (Reserves or Rates) CMWD (Reserves or Rates)
	Robles Diversion Canal Panel Replacement	104,000	100,000	109,000		114,000		119,000		124,000			CMWD (Reserves or Rates)
Robles Canal Maintenance		100,000	300,000	300,000		,000		,000					CMWD (Reserves of Rates)
Robles Canal Maintenance Robles Diversion Fish Passage Improvements	Robles Diversion Fish Passage Improvements			350,000			350,000			350,000		1,050,000	CMWD (Reserves or Rates)
Robles Diversion Fish Passage Improvements Robles Forebay Restoration	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts											170.000	CMWD (Reserves or Rates)
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation		20,000	150,000									
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C an Antonio Filter Upgrade	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Filter Upgrade	0.505	20,000 85,000	150,000								85,000	CMWD (Reserves or Rates)
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C an Antonio Filter Upgrade Ludge Bed #3 Rehab	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Filter Upgrade Sludge Bed #3 Rehab	9,500	85,000	150,000	350.000		350.000		400.000		400.000	85,000 9,500	CMWD (Reserves or Rates)
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C an Antonio Filter Upgrade Iudge Bed #3 Rehab Tank Recoating	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Filter Upgrade	9,500		20,000	350,000 20,000	20,000	350,000 23,000	23,000	400,000 23,000	26,000	400,000 26,000	85,000 9,500 1,775,000	
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Bitler Upgrade Judge Bed #3 Rehab Tank Recoating urmout Improvements Digrade Fortress Pump Plant	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Filter Upgrade Sludge Bed #3 Rehab Small Tank Recoating - Various Sites	9,500	85,000 275,000 18,000 25 <b>0</b> 00			20,000		23,000		26,000		85,000 9,500 1,775,000 199,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonic Booster C an Antonic Biter Upgrade Judge Bed #3 Rehab Tank Recoating urmout Improvements ggrade Fortress Pump Plant pgrade Fortress Pump Plant	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Filter Upgrade Siludge Bed #3 Rehab Small Tank Recoating - Various Sites Turnout Piping Improvements Upgrade Panel View on VFD at Rincon Pump Plant	9,500	85,000 275,000 18,000 25 <b>0</b> 00 18,500	20,000 250,000	20,000		23,000		23,000		26,000	85,000 9,500 1,775,000 199,000 275,000 18,500	CMWD (Reserves or Rates) CMWD (Reserves or Rates) CMWD (Reserves or Rates) CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C an Antonio Filter Upgrade Ludge Bed #3 Rehab Tank Recoating urmout Improvements pgrade Fortress Pump Plant pgrade Panel view on VFD at Rincon PP alve and Actuator Replacements (Marion Walker Treatment Plant)	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Filter Upgrade Sindge Bed #3 Rehab Small Tank Recoating - Various Sites Turnout Piping Improvements Upgrade Fortress Pump Plant Upgrade Panel view on VFD at Rincon Pump Plant Valve and Actuator Replacements (Marion Walker Treatment Plant)		85,000 275,000 18,000 25 <b>0</b> 00	20,000		20,000		23,000		26,000		85,000 9,500 1,775,000 199,000 275,000 18,500 270,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C an Antonio Filter Uggrade ludge Bed #3 Rehab Tank Recoating umout Improvements umout Improvements Umprade Panel view on VFD at Rincon PP alve and Actuator Replacements (Marion Walker Treatment Plant) erical Mast Light Tower (tow behind)	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation Siudge Bed #3 Rehab Sinal Tank Recoarding Various Sites Turnout Piping Improvements Upgrade Panel view on VFD at Rincon Pump Plant Upgrade Panel view on VFD at Rincon Pump Plant Valve and Actuator Replacements (Marion Walker Treatment Plant) Vertical Mast Light Tower (tow behind)	9,500 22,000	85,000 275,000 18,000 25 <b>0</b> 00 18,500	20,000 250,000	20,000		23,000		23,000		26,000	85,000 9,500 1,775,000 199,000 275,000 18,500 270,000 22,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C an Antonio Filter Uggrade ludge Bed #3 Rehab Tank Recoating umout Improvements umout Improvements Umprade Panel view on VFD at Rincon PP alve and Actuator Replacements (Marion Walker Treatment Plant) erical Mast Light Tower (tow behind)	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Filter Upgrade Sindge Bed #3 Rehab Small Tank Recoating - Various Sites Turnout Piping Improvements Upgrade Fortress Pump Plant Upgrade Panel view on VFD at Rincon Pump Plant Valve and Actuator Replacements (Marion Walker Treatment Plant)	22,000	85,000 275,000 18,000 25 <b>0</b> 00 18,500 25,000	20,000 250,000 25,000	20,000	30,000	23,000	30,000	23,000	35,000	26,000	85,000 9,500 1,775,000 199,000 275,000 18,500 270,000 22,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C an Antonio Filter Uggrade Udge Bed #3 Rehab Tank Recoating umout Improvements umout Improvements grade Panel view on VFD at Rincon PP alve and Actuator Replacements (Marion Walker Treatment Plant) erical Mast Light Tower (tow behind) Velder/ Handheid Valve Exerciser/ sodium storage tank / Freeze tool	Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Filter Upgrade Sludge Bed #3 Rehab Small Tank Recoating - Various Sites Turnout Piping Improvements Upgrade Fortress Pump Plant Upgrade Fortress Pump Plant Upgrade Actuator Replacements (Marion Walker Treatment Plant) Vertical Mast Light Tower (tow behind) Welder/Handheld Valve Exerciser/ sodium storage tank / Freeze tool	22,000 2,327,596 1,000,000	85,000 275,000 18,000 25 <b>0</b> 00 18,500	20,000 250,000	20,000		23,000		23,000		26,000	85,000 9,500 1,775,000 275,000 18,500 270,000 22,000 - - 27,406,302 2,000,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates) FEMA 75%; 25% match
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C an Antonio Filter Uggrade Udge Bed #3 Rehab Tank Recoating umout Improvements pgrade Panel view on VFD at Rincon PP pgrade Panel view on VFD at Rincon PP alve and Actuator Replacements (Marion Walker Treatment Plant) ertical Mast Light Tower (tow behind) Velder/ Handheld Valve Exerciser/ sodium storage tank / Freeze tool Robles Diversion/ Forebay FEMA REIMBURSEMENT Emergency Generators at Rincon	Robles Diversion Fish Passage Improvements           Robles Forebay Restoration - Staff Executed Cleanouts           San Antonio Booster C Rehabilitation           San Antonio Filter Uggade           Sind part of Filter Uggade           Sind part of Filter Uggade           Sind part of Filter Uggade           Sind Trank Recoating - Various Sites           Turmout Piping Improvements           Upgrade Fartiess Pump Plant           Upgrade Farties View on VFD at Rincon Pump Plant           Valve and Actuator Replacements (Marion Walker Treatment Plant)           Vertical Mast Light Tower (tow behind)           Welder/ Handheld Valve Exerciser; sodium storage tank / Freeze tool           Sub total CMWD (Reserves or Rates)           Robles Diversion/ Forebay FEMA REMSURSEMENT - 2023 Storm Related           Emergency Generator at Rincon Pumping Plant	22,000 2,327,596 1,000,000 250,000	85,000 275,000 18,000 25 <b>0</b> 00 18,500 25,000 4,473,633 1,000,000 750,000	20,000 250,000 25,000 4,639,175	20,000	30,000	23,000	30,000	23,000	35,000	26,000	85,000 9,500 1,775,000 275,000 18,500 270,000 22,000 27,406,302 2,000,000 1,000,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates) FEMA 75%; 25% match FEMA 75%; 25% match
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C Judge Bed #3 Rehab Tank Recoating urmout Improvements urmout Improvements Upgrade Fortress Pump Platt Bygrade Fortress Pump Platt Rigrade Panel View on VFD at Rincon PP alve and Actuator Replacements (Marion Walker Treatment Plant) errical Mast Light Tower (tow behind)	Robles Diversion Fish Passage Improvements           Robles Forebay Restoration - Staff Executed Cleanouts           San Antonio Booster C Rehabilitation           San Antonio Booster C Rehabilitation           San Antonio Filter Upgrade           Sudge Bed #3 Rehab           Small Tank Recoating - Various Sites           Turnout Piping Improvements           Upgrade Panel view on VFD at Rincon Pump Plant           Upgrade Fortress Pump Plant           Valve and Actuator Replacements (Marion Walker Treatment Plant)           Vertical Mast Light Tower (tow behind)           Welder/ Handheld Valve Exerciser/ sodium storage tank / Freeze tool           Robles Diversion/ Forebay FEMA REIMBURSEMENT - 2023 Storm Rates)           Robles Diversion / Forebay FEMA REIMBURSEMENT - 2023 Storm Rated           Emergency Generator at Rincon Pumping Plant           Ventura - Santa Barbara Counties Interrite	22,000 2,327,596 1,000,000 250,000 6,500,000	85,000 275,000 18,000 25 <b>0</b> 00 25,000 25,000 4,473,633 1,000,000 750,000	20,000 250,000 25,000 4,639,175 10,000,000	20,000	30,000	23,000	30,000	23,000	35,000	26,000	85,000 9,500 1,775,000 199,000 275,000 18,500 227,000 22,000 227,406,302 2,000,000 1,000,000 21,500,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates) FEMA 75%; 25% match FEMA 75%; 25% match Grant/ Loan
Robles Diversion Fish Passage Improvements Robles Forebay Restoration an Antonio Booster C an Antonio Filter Upgrade Jan Antonio Filter Upgrade Umout Improvements Umout Improvements Upgrade Panel view on VFD at Rincon PP Jalve and Actuator Replacements (Marion Walker Treatment Plant) Partical Mast Light Tower (tow behind) Weldler/ Handheld Valve Exerciser/ solium storage tank / Freeze tool Robles Diversion/ Forebay FEMA REIMBURSEMENT Emergency Generators at Rincon	Robles Diversion Fish Passage Improvements           Robles Forebay Restoration - Staff Executed Cleanouts           San Antonio Booster C Rehabilitation           San Antonio Filter Uggade           Sind part of Filter Uggade           Sind part of Filter Uggade           Sind part of Filter Uggade           Sind Trank Recoating - Various Sites           Turmout Piping Improvements           Upgrade Fartiess Pump Plant           Upgrade Farties View on VFD at Rincon Pump Plant           Valve and Actuator Replacements (Marion Walker Treatment Plant)           Vertical Mast Light Tower (tow behind)           Welder/ Handheld Valve Exerciser; sodium storage tank / Freeze tool           Sub total CMWD (Reserves or Rates)           Robles Diversion/ Forebay FEMA REMSURSEMENT - 2023 Storm Related           Emergency Generator at Rincon Pumping Plant	22,000 2,327,596 1,000,000 250,000	85,000 275,000 18,000 25 <b>0</b> 00 18,500 25,000 4,473,633 1,000,000 750,000	20,000 250,000 25,000 4,639,175	20,000	30,000	23,000	30,000	23,000	35,000	26,000	85,000 9,500 1,775,000 275,000 18,500 270,000 22,000 27,406,302 2,000,000 1,000,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates) EMM 75%; 25% match FEMA 75%; 25% match Grant/ Loan

## PROPOSED MODIFIED CIP MATRIX FOR 2023 DRAFT WATER RATE STUDY

		2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029			2031/2032	2032/2033		
IM Reservoirs	4M Reservoir Recoating		-	-	-	-	-		-	3,000,000	-	-	3,000,000	
amp Chafee System	Camp Chafee System - Pipeline/Pump Station	105,000						150,000	2,350,000			-	2,500,000	
asitas Dam & Outlet Works ast Oiai Reservoir	Casitas Dam & Outlet Works - Pipeline & Equipment Rehab/Replacement		-	75,000	100,000	2,000,000	-	-	-	-		-	4.000.000	Bonding
ast Ojal Reservoir airview Reservoirs	Fairview Reservoir Recoating		-		2,000,000	2,000,000	-	-	3,000,000		-	-	3,000,000	
aria Beach Main	Faria Beach Main Relocation		-		-	750.000	750.000	-	5,000,000	-	-	-	1,500,000	
iardens System	Gardens System Modification			50,000	105,000	, 30,000	750,000	-						Bonding
Aarion Walker WTP Piping Improvements	Marion Walker WTP Piping Improvement/Replacement		60.000	50,000	105,000	300.000	325,000	350.000	375.000	400.000	425.000	471.000	2.706.000	
vira Monte Well	Mira Monte Well Replacement		-			300,000	100.000	500,000	500.000				1,100,000	
Dak View Reservoir #1	Oak View Reservoir #1 Recoating							2,500,000	,				2,500,000	
Dak View Reservoir #2	Oak View Reservoir #2 Recoating							_,,		2,500,000			2,500,000	
Dak View/ Miramonte Pipeline	Oak View/ Miramonte Pipeline Valve Insertion			150,000						_,,				Bonding
	Ojai Valley Pipeline Valve Insertion			150.000										Bonding
Djai Valley Pump Station	Ojai Valley Pump Station							420.000						Bonding
	OWS Integration with Casitas Legacy System					400,000	2.200.000	150,000	400,000	250.000	2.500.000	1.000.000	6,900,000	Bonding
Rincon 2M Pipeline Replacement	Rincon 2M Pipeline Replacement		100,000				,,	200,000	-	4,500,000	4,500,000	-	9,300,000	
Rincon Balancing Reservoir #1	Rincon Balancing Reservoir #1 Recoating		-		-	-	-	1,500,000	-	-	-	-	1.500.000	
Rincon Balancing Reservoir #2	Rincon Balancing Reservoir #2 Recoating		-		-	-	-	-	1.500.000	-	-	-	1,500,000	
Rincon Control Reservoir	Rincon Control Reservoir Replacement			800.000	-		-	-	1,500,000			-	,,	Bonding
Rincon Pipeline Vent Structure	Rincon Pipeline Vent Structure			000,000	-	250,000	-			-	-			Bonding
Robles Diversion	Robles Diversion Cleanout and Cutoff Wall Rebab					2.000.000	-		2.000.000	-	-	2.000.000	6.000.000	
Santa Ana Pipeline (to bridge crossing)	Santa Ana Pipeline Valve Insertion			150,000		2,000,000			2,000,000			2,000,000		Bonding
	Signal Booster Zone Hydraulic Improvements			130,000		205.000		2.898.500	1.338.700	-			4,442,200	
Transmission & Distribution Pipeline Replacements	Transmission & Distribution Pipeline Replacements	1,000,000		500.000		500.000	1.500.000	1.500.000	1,500,000	1,000,000	1.000.000		7,500,000	
	Upper Ojai Reservoir Recoating	1,000,000		500,000		500,000	1,500,000	1,500,000	1,500,000	1,000,000		2,500,000	2,500,000	
				750.000	750.000	-		-		-		2,500,000	1,500,000	
Jpper Rincon Lateral	Upper Rincon Lateral Replacement				750,000									
Villanova Pipeline Nobles Diversion Canal Added to Marion Walker WTP Piping improvements	Villanova Pipeline Valve Insertion			150,000										Bonding
topies Diversion Canal Added to Marion Walker with Piping Improvements			-		· · · ·						-			Bonding
idelberrer Terlined Dump Diret Detail 1 - Mr.U.	Sub total Bonding		160,000	2,775,000	2,955,000	6,405,000	4,875,000	10,168,500	12,963,700	11,650,000	8,425,000	5,971,000	66,348,200	CED 2012 1
idelberger Tank and Pump Plant Retaining Walls	Heidelberger Tank and Pump Plant Retaining Walls	50,000												CFD 2013-1 CFD 2013-1
Mutual Well #7 Equipping and Site Work	Mutual Well #7 Equipping and Site Work	1,000,000	207 77											
Autual Wellfield Piping Improvements	Running Ridge/Foothill Pipeline Modification	4 500 005	300,000	-	-	-	-	-	-	-	-			CFD 2013-1
Nest and East Ojai Avenue Pipeline Replacement	West and East Ojai Avenue Pipeline Replacement	4,500,000	968,655		-	-	-	-	-	-	-			CFD 2013-1
	Sub total CFD 2013-1	5,550,000	1,268,655	-	-	-	-		-	-	-	-	1,268,655	
Servers	Admin Data Servers			20,000	-	-		20,000	-	-	-			CMWD (Reserves or Rates)
odes Replacement	Anodes Replacement - Casitas Dam Inlet Structure	48,000	-	-	-	-	225,000	-	-	-	-	-		CMWD (Reserves or Rates)
tomation-Engineering Services	Automation-Engineering Services			60,000										CMWD (Reserves or Rates)
e#1/2 Pump #4 Rehabilitation	Ave#1/2 Pump #4 Rehabilitation	60,000		300,000	325,000		-			-	-	-		CMWD (Reserves or Rates)
V. Residuals Drying Bed Rehabilitations	B.W. Residuals Drying Bed Rehabilitations	30,000	-	45,000	-	-	-	-	-	-	-	-		CMWD (Reserves or Rates)
ckwash Surge Tank "B" Coating and Restoration	Backwash Surge Tank "B" Coating and Restoration		-	160,000	-	-	-	-	-	-	-	-		CMWD (Reserves or Rates)
Casitas Dam Drainage	Casitas Dam Drainage Improvement/Rehabilitation		-	200,000	-	-	-	-	-	-	-	-	200,000	CMWD (Reserves or Rates)
Casitas Dam Hollow Jet Valve	Casitas Dam Hollow Jet Valve Replacement/Modification		-	250,000	-	-	-	-	-	-	-	-	250,000	CMWD (Reserves or Rates)
Casitas Dam Spillway Erosion Control	Casitas Dam Spillway Erosion Control		-	350,000	-	-	-	-	-	-	-	-	350,000	CMWD (Reserves or Rates)
emical Dosing Equipment Replacement	Chemical Dosing Equipment Replacement		-	45,000	40,000	40,000	45,000	-	-	-	-	-	170,000	CMWD (Reserves or Rates)
m Intake Screen Maintenance	Dam Intake Screen Maintenance		60,000										60,000	CMWD (Reserves or Rates)
Dam Intake Structure Restoration and Rehab	Dam Intake Structure Restoration and Rehab		-	100,000	-	-	-	-	-	-	-	-	100,000	CMWD (Reserves or Rates)
Ilway Drainage System / Stilling Basin Cleanout / Drainage Modifications	Dam Spillway Drainage System / Stilling Basin Cleanout / Drainage Modifications		-	30,000	150,000	1,200,000	-				-	-		CMWD (Reserves or Rates)
P Reduction by Converting Fat Pipe to Chloramines	DBP Reduction by Converting Fat Pipe to Chloramines		280,500										280.500	CMWD (Reserves or Rates)
ult Rebabilitation	Distribution System Vault Rehabilitation	55.000	55.000	57.000	60.000	63.000	66.000	69.000	72.000	75.000	78.000	81,000		CMWD (Reserves or Rates)
ehicle Replacement	District Fleet Vehicle Replacement	252,708	221,121	163.133	524.175	469,189	390,874	574,360	531,478	349,451	382,546			CMWD (Reserves or Rates)
District Office Maintenance	District Office Maintenance - Replace Admin Bldg, Roof	100.000			500.000	,	-	,	-	-	-	-		CMWD (Reserves or Rates)
trict Building Improvements	District Water Facility Building Improvements	30.000	-	30,000	30,000	30,000	35,000	35.000	35,000	35.000		-		CMWD (Reserves or Rates)
Facility Paving	Facility Paving	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000		CMWD (Reserves or Rates)
ter Media Cleaning Filter	Filter Media Cleaning Filter	125.000	123.050	125.000	125.000	125,000	125.000	125,000	125.000	100,000	100,000	100,000		CMWD (Reserves or Rates)
ortress Site Stability	Fortress Reservoir Site Stability Improvements	113,000	50,000	250.000	113,000	125,000	125,000	123,000	125,000	100,000	100,000	100,000		CMWD (Reserves or Rates)
idelberger Booster Station and Reservoir Slope Stability	Heidelberger Booster Station and Reservoir Slope Stability		30,000	100.000										CMWD (Reserves or Rates)
p Renovation; incubator; backup power	Lab Renovation; incubator; backup power		28,401	100,000		-	-		-	-	-			CMWD (Reserves or Rates)
ake Casitas Bathymetric Survey	Lake Casitas Bathymetric Survey		20,401					100.000						CMWD (Reserves or Rates)
	Lake Water Quality Department Vessel		101.182		-		-	100,000		-	-	-		CMWD (Reserves or Rates)
at .arge Valve Replacement	Lake Water Quality Department Vessel Large Valve Replacement - Distribution System		101,182	- 150,000	- 157,000	- 164,000	- 171,000	- 179,000	- 187,000	- 195,000	- 204,000	213,000		CMWD (Reserves or Rates) CMWD (Reserves or Rates)
wer Rincon Main Crossing Replacements (2)	Lower Rincon Main Crossing Replacements (2)		30.000	150,000	157,000	104,000	1/1,000	179,000	187,000	195,000	204,000	215,000		CMWD (Reserves or Rates)
			30,000											
/WWTP Building Expansion	Marion Walker Treatment Plant Building Expansion		-	400,000	-	-	-		-	-	-	-		CMWD (Reserves or Rates)
tilija Conduit Abandonment Ojala Improvements	Matilija Conduit Abandonment Ojala Improvements		40,000											CMWD (Reserves or Rates)
ters	Meter Replacements	148,000	155,000	163,000	171,000	180,000	189,000	198,000	208,000	218,000	229,000	240,000		CMWD (Reserves or Rates)
tual 7 Awning (sound mitigation)	Mutual #7 Well Awning		17,000	-	-	-	-	-	-	-	-	-		CMWD (Reserves or Rates)
U Battery Replacement	MXU Battery Replacement		-	-	90,000	95,000	100,000	105,000	110,000	116,000	122,000	128,000		CMWD (Reserves or Rates)
lew Accounting System	New Accounting System		-	-	250,000	-	-	-	-	-	-	-		CMWD (Reserves or Rates)
lew Ojai System Well	New Ojai System Well - Design		-	-	-	-	-	-	-	-	-	105,000		CMWD (Reserves or Rates)
Djai Valley Pump Plant Improvements	Ojai Valley Pump Plant Improvements	70,000				350,000	-		-	-	-	-		CMWD (Reserves or Rates)
	Paint Exterior and Interior of Marion Walker Treatment Plant						45,000	200,000	125,000	-	-			CMWD (Reserves or Rates)
ving Marion Walker Treatment Plant	Paving Marion Walker Treatment Plant		48,000											CMWD (Reserves or Rates)
Control Valves	Pump Plant Control Valves		-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		CMWD (Reserves or Rates)
mp Plant Emergency Generator	Pump Plant Emergency Generator - Portable	130,000											-	CMWD (Reserves or Rates)
mp Plant Motor Awnings	Pump Plant Motor Awnings	15,000	-	26,000	28,000	-	-	-	-	-	-	-	54,000	CMWD (Reserves or Rates)
mp Plant Restoration	Pump Plant Restoration	21,000												CMWD (Reserves or Rates)
mp Repairs and Mechanical Seal Installs	Pump Repairs and Mechanical Seal Installs		89,600	53,000	56,000	59,000	62,000	65,000	68,000	71,000	75,000	79,000	677,600	CMWD (Reserves or Rates)
placement Pumps (Sludge Pump and Backwash Mix Pump)	Replacement Pumps (Sludge Pump and Backwash Mix Pump)		11,200										11,200	CMWD (Reserves or Rates)
servoir Cleaning and Inspections	Reservoir Cleaning and Inspections	40,000		-	-	-	50,000	-	-	-	-	50,000		CMWD (Reserves or Rates)
	Reservoir Mixers	35,000	41,042	43,000	45,000	47,000	-	-	-	-	-	-		CMWD (Reserves or Rates)
servoir Mixers	Reservoir Seismic Upgrades		300,000	.,	350,000		350,000		350,000		350,000			CMWD (Reserves or Rates)
servoir Mixers Fank Seismic Upgrades		34,200	16,000	52,000	54,000	56,000	58,000	61,000	64,000	67,000	70,000	73,000	571,000	CMWD (Reserves or Rates)
	Rewind motors and rebuild pumps		25,000	25,000	25,000	-	-	-	- 1	-		-		CMWD (Reserves or Rates)
ank Seismic Upgrades wind motor and pump rebuild	Rewind motors and rebuild pumps Rincon Regulator vault improvements	25,000			300,000	-	-			-	-			CMWD (Reserves or Rates)
ank Seismic Upgrades		25,000	300,000	300,000						-		-		
ank Seismic Upgrades wind motor and pump rebuild con Regulator vault improvements obles Canal Access Road Paving	Rincon Regulator vault improvements	25,000	300,000	300,000	-		- 1	- 1			- 1		100,000	CMWD (Reserves or Rates)
ank Seismic Upgrades vind motor and pump rebuild con Regulator vault improvements obles Cana Sextem Obles Crane System	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Crane System		-		-		- 114.000	-	119.000	-	- 124,000			CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades ind motor and pump rebuild con Regulator vault improvements bbles Canal Access Road Paving bbles Canal Maintenance	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Crane System Robles Diversion Canal Panel Replacement	25,000	300,000 - 104,000 100,000		- 109,000	-	- 114,000	300,000	119,000	-	- 124,000	-	570,000	CMWD (Reserves or Rates)
nk Seismic Upgrades ind motor and pump rebuild ion Regulator vault improvements Dibles Canal Access Road Paving Dibles Canal System Dibles Canal Maintenance Dibles Diversion Fish Passage improvements	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Crane System		- 104,000 100,000	100,000	-	-	- 114,000 -		119,000 - -	-		-	570,000 700,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
nk Seismic Upgrades vind motor and pump rebuild on Regulator vault improvements bibles Canal Access Road Paving bibles Crane System bibles Canal Maintenance bibles Sorbexy Restoration bibles Forbaky Restoration	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Stare System Robles Diversion Canal Panel Replacement Robles Diversion Fish Pasage Improvements Robles Forebay Restoration - Staff Executed Cleanouts		- 104,000	100,000 - 300,000 -	- 109,000 350,000	- - - - -	- 114,000 - -	- - 300,000 350,000 -	119,000 - - -	-	- 124,000 - 350,000 -		570,000 700,000 1,050,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates) CMWD (Reserves or Rates)
nk Seismic Upgrades ind motor and gump rebuild con Regulator vault improvements obles Canal Access Road Paving bbles Canal Access Road Paving bbles Canal Maintenance bbles Soversion Fish Passage Improvements bbles Forebay Restoration Antonio Booster C	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Crane System Robles Diversion Canal Panel Replacement Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation		- 104,000 100,000	100,000 - 300,000 - 20,000	- 109,000	-	- 114,000 - - -		119,000 - - -	-			570,000 700,000 1,050,000 170,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates) CMWD (Reserves or Rates) CMWD (Reserves or Rates)
nh Seismic Upgrades vind motor and pump rebuild on Regulator vault improvements bbles Canal System Dbles Crane System Dbles Anal Maintenance Dbles Diversion Fish Passage Improvements Dbles Forebay Restoration Antonio Filter Upgrade	Rincon Regulator vault improvements Robies Cana System Robies Cana System Robies Diversion Canal Panel Replacement Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Bioster C Rehabilitation San Antonio Hirer Upgrade		- 104,000 100,000 - - -	100,000 - 300,000 -	- 109,000 350,000	-	- 114,000 - - - -		119,000 - - - - -	-			570,000 700,000 1,050,000 170,000 85,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates) CMWD (Reserves or Rates) CMWD (Reserves or Rates) CMWD (Reserves or Rates)
nk Seismic Upgrades ind motor and gump rebuild ion Regulator vault improvements obles Canal Access Road Paving obles Crane System Obles Charal Maintenance Ibbles Diversion Fish Passage Improvements Obles Porebay Restoration Antonio Booster C Antonio Filter Upgrade Ige Bed #3 Behab	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Crane System Robles Diversion Canal Panel Replacement Robles Diversion Fish Passage Improvements Robles Forebay Restration - Staff Executed Cleanouts San Antonio Rooster C Rehabilitation San Antonio Filter Uggrade Sludge Bed Ra Rehab	100,000	- 104,000 100,000	100,000 - 300,000 - 20,000	- 109,000 350,000	- - - -	- 114,000 - - - -	350,000 - -	119,000 - - - -	-			570,000 700,000 1,050,000 170,000 85,000 9,500	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
nh Seismic Upgrades vird motor and pump rebuild con Regulator vault Improvements bbles Canal System Dbles Canal System Dbles Aral Maintenance Dbles Diversion Fish Passage Improvements Dbles	Inicon Regulator vaulit improvements Robies Canal Access Road Paving Robies Canae System Robies Diversion Canal Panel Replacement Robies Diversion Fish Passage Improvements Robies Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Soster C Rehabilitation San Antonio Soster C Rehabilitation San Antonio San Bohabi Sudge Bed #3 Rehab		- 104,000 100,000 - - - 9,500 -	100,000 - - 20,000 85,000	- 109,000 350,000 150,000 -	- - - - 350,000	- - - -	350,000 - - 350,000	- - - -	- - 400,000	- 350,000 - -	- - - - 400,000	570,000 700,000 1,050,000 170,000 85,000 9,500 1,500,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades indi motor and pump rebuild con Regulator vault improvements obles Scana Iccoses Road Paving obles Crane System obles Crane System obles Crane System obles Crone System obles Diversion Fish Passage Improvements obles Provesion Fish Passage Improvements Antonio Booster C Antonio Filter Upgrade dige Bed #3 Rehab ank Recosting out Improvements	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Crane System Robles Driversion Canal Panel Replacement Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Rooster C Rehabilitation San Antonio Robert C Rehabilitation Sand Tank Receating - Various Sites	100,000	- 104,000 100,000 - - -	100,000 - 300,000 - 20,000	- 109,000 350,000	- - - -	- - - 20,000	350,000 - - 350,000 23,000	119,000 - - - - 23,000	-		- - - - 400,000 26,000	570,000 700,000 1,050,000 170,000 85,000 9,500 1,500,000 199,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades vind motor and pump rebuild con Regulator vault improvements bobles Canal System Dobles Canal System Dobles Dyresion Fish Passage Improvements Dobles Diversion Fish Passage Improvements Dobles Diversion Fish Passage Improvements Dobles Diversion et al. Bender Antonio Booter C Antonio Filter Upgrade Gge Bed 43 Rehab Improvements nout Improvements Tade Fortrass Pump Plant	Inicon Regulator vault improvements Robles Canal Access Road Paving Robles Canae System Robles Diversion Canal Panel Replacement Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Robert - Rehabilitation San Antonio Robert - Rehabilitation Sand Tank Recoating - Various Sites Turmout Phiping Improvements Upgrade Fortress Pump Plant	100,000	- 104,000 100,000 - - 9,500 - - - -	100,000 	- 109,000 350,000 150,000 -	- - - - 350,000	- - - -	350,000 - - 350,000	- - - -	- - 400,000	- 350,000 - -		570,000 700,000 1,050,000 170,000 85,000 9,500 1,500,000 199,000 275,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades ank Seismic Upgrades wind motor and pump rebuild con Regulator vault improvements obles Canal Access Road Paving obles Canae System obles Cane System obles Diversion Fish Passage Improvements obles Porebay Restoration Antonio Rooster C Antonio Filter Upgrade dge Bed #3 Rehab ank Recoating on ut Improvements grade Panel View on VFD at Rincon PP	Rincon Regulator vault improvements Robles Cana Locess Road Paving Robles Crane System Robles Diversion Fish Passage Improvements Robles Diversion Fish Passage Improvements San Antonio Booster C Rehabilitation San Antonio Robles Constructed Cleanouts San Antonio Robles Constructed Cleanouts Sand Tank Recoating - Vanious Sites Tumout Philip Improvements Upgrade Panel View on VFD at Rincon Pump Plant	100,000	- 104,000 100,000 - - - 9,500 -	100,000 - - 20,000 85,000 18,000 18,000	- 109,000 350,000 150,000 - 20,000	- - - 350,000 20,000 - -	- - - 20,000 25,000 -	350,000 - - 350,000 23,000 250,000 -	- - - 23,000 - -	- - - 400,000 23,000 - -	- 350,000 - - - 26,000 - -	26,000 - -	570,000 700,000 1,050,000 170,000 85,000 9,500 1,500,000 199,000 275,000 18,500	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades wind motor and pump rebuild con Regulator vault improvements obles Canal System Obles Canal System Obles Diversion Fish Passage improvements Obles Diversion Fish Passage improvements of the Passage improvements prade Parters Pump Plant grade Panel view on VFD at Rincon PP ve and Actuator Replacements (Marion Walker Treatment Plant)	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Canal System Robles Diversion Canal Panel Replacement Robles Diversion Canal Panel Replacement Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Robert C Rehabilitation Upgrade Panel View on VFD at Kincon Pump Plant Ubgrade Panel View on VFD at Kincon Pump Plant	100,000	- 104,000 100,000 - - - 9,500 - - - - - - - -	100,000 	- 109,000 350,000 150,000 -	- - - - 350,000	- - - 20,000	350,000 - - 350,000 23,000	- - - -	- - 400,000	- 350,000 - -		570,000 700,000 1,050,000 170,000 85,000 9,500 1,500,000 199,000 275,000 18,500 270,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank seismic Upgrades wind motor and pump rebuild scon Regulator vault improvements obles Cana Access Road Paving obles Cana Cases Road Paving obles Carne System obles Towers on Finh Passage Improvements obles Diversion Finh Passage Improvements obles Diversion Finh Passage Improvements adde Bed R3 Rehab ank Recoasing mout Improvements grade Parly is wo nVFD at Rincon PP ve and Actuator Replacements (Marion Walker Treatment Plant) tical Mast Light Tower (tow beind)	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Crane System Robles Diversion Canal Panel Replacement Robles Diversion Canal Panel Replacements Robles Diversion Fish Passage Improvements San Antonio Roster C Rehabilitation San Antonio Roster C Rehabilitation San Antonio Robles Constructed Cleanouts Sudge Bed Rohab Sindle Rohab Sindle Rohab Uggrade Panel Rehab Uggrade Fortress Pump Plant Uggrade Fortress Pump Plant Valve and Actuator Replacements (Marion Walker Treatment Plant) Varicial Mast Light Tower (tow behind)	100,000	- 104,000 100,000 - - 9,500 - - - -	100,000 - - 20,000 85,000 18,000 18,000	- 109,000 350,000 150,000 - 20,000	- - - 350,000 20,000 - -	- - - 20,000 25,000 -	350,000 - - 350,000 23,000 250,000 -	- - - 23,000 - -	- - - 400,000 23,000 - -	- 350,000 - - - 26,000 - -	26,000 - -	570,000 700,000 1,050,000 170,000 85,000 9,500 1,500,000 199,000 275,000 18,500 270,000 222,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades wind motor and pump rebuild con Regulator vault improvements obles Canal Access Road Paving obles Carne System obles Carne System obles Carne System obles Diversion Fish Passage Improvements obles Poresion Fish Passage Improvements ables Poresion Fish Passage Improvements addes Bet #3 Rehab ank Recoasting ank Reco	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Canal System Robles Diversion Canal Pavel Replacement Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Booster C Rehabilitation San Antonio Robester C Rehabilitation San Antonio Robester Canada Distribution San Antonio Representation San Antonio Representation San Antonio Representation San Antonio Representation San Antonio Representation San Antonio Representation San Antonio Representation Sa	100,000 275,000 48,075	- 104,000 100,000 - - - - - - - - - - - - - - - - -	100,000 300,000 20,000 85,000 18,000 18,000 25,000	20,000 22,000	- - - 20,000 - - 25,000 - -	- - - - - 20,000 25,000 - - - - - - - - - -	350,000 - - 350,000 23,000 250,000 - - 30,000	- - - 23,000 - - - 30,000	- - - - - - - - - - - 35,000 -	- 350,000 - - 26,000 - - 35,000 -	26,000 - - 35,000 -	570,000 700,000 1,70,000 85,000 9,500 1,500,000 19,9,000 275,000 18,500 270,000 22,000	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades ind motor and pump rebuild con Regulator vault improvements obles Canal Access Road Paving obles Canal Access Road Paving obles Canal Access Road Paving obles Sprace Paving obles Forebay Restoration Antonic Booster C Antonic Booster C Antonic Object Paving Ge Bed #3 Rehab ank Recoating nout improvements rade Parel view on VFD at Rincon PP ve and Actuator Replacements (Marion Walker Treatment Plant) tical Mast Light Tower (tow beind) Ider/ Handheid Valve Exerciser/ sodium storage tank / Freeze tool	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Crane System Robles Diversion Canal Panel Replacement Robles Diversion Canal Panel Replacement Robles Diversion Canal Panel Replacement Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Filter Upgrade Sludge Bed Rohab Snubl Rohab Snubl Tank Recoating - Various Sites Upgrade Panel Improvements Upgrade Forterse Pump Plant Upgrade Panel Veisen To At Rincon Pump Plant Valve and Actuator Replacements (Marion Walker Treatment Plant) Vericial Mast Light Tower (tow behind) Weider/ Handheld Valve Exerciser/ sodium storage tank (Meserves or Rates)	100,000 275,000 48,075	- 104,000 100,000 - - - - - - - - - - - - - - - - -	100,000 - - 20,000 85,000 - 18,000 - 4,173,633	- 109,000 350,000 150,000 - 20,000	- - - 350,000 20,000 - -	- - - 20,000 25,000 -	350,000 - - 350,000 23,000 250,000 -	- - - 23,000 - -	- - - 400,000 23,000 - -	- 350,000 - - - 26,000 - -	26,000 - -	570,000 700,000 1,050,000 9,500 1,500,000 1,500,000 275,000 18,500 270,000 2,2000 - 2,7131,302	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades wind motor and pump rebuild con Regulator vault Improvements obles Canal System Obles Canal System Obles Diversion Fish Passage Improvements obles Diversion Fish Passage Improvements ank Recoating mout Improvements grade Panel View on VFD at Rincon PP ve and Actuator Replacements (Marion Walker Treatment Plant)	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Canal System Robles Diversion Canal Pavel Replacement Robles Diversion Fish Passage Improvements Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Booster C Rehabilitation San Antonio Booster C Rehabilitation San Antonio Robester C Rehabilitation San Antonio Robester Canada Distribution San Antonio Representation San Antonio Representation San Antonio Representation San Antonio Representation San Antonio Representation San Antonio Representation San Antonio Representation Sa	100,000 275,000 48,075	- 104,000 100,000 - - - - - - - - - - - - - - - - -	100,000 300,000 20,000 85,000 18,000 18,000 25,000	20,000 22,000	- - - 20,000 - - 25,000 - -	- - - - - 20,000 25,000 - - - - - - - - - -	350,000 - - 350,000 23,000 250,000 - - 30,000	- - - 23,000 - - - 30,000	- - - - - - - - - - - 35,000 -	- 350,000 - - 26,000 - - 35,000 -	26,000 - - 35,000 -	570,000 700,000 1,050,000 9,500 1,500,000 1,500,000 275,000 18,500 270,000 2,2000 - 2,7131,302	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades wind motor and pump rebuild con Regulator vault improvements obles Cana System obles Cana System obles Densel on Fish Passage improvements obles Doresbay Restoration Antonio Booter C Antonio Filter Upgrade dge Bed #3 Rehab ank Recoating nout Improvements grade Fortess Pump Plant grade Panel view on VFD at Rincon PP ve and Actuator Replacements (Marion Walker Treatment Plant) tical Mast Light Tower (Icow behind) dier/ Handheld Vavie Exerciser/ sodium storage tank / Freeze tool obles Diversion / Forebay FEMA REIMBURSEMENT	Rincon Regulator vault improvements Robles Canal Access Road Paving Robles Crane System Robles Diversion Canal Panel Replacement Robles Diversion Canal Panel Replacement Robles Diversion Canal Panel Replacement Robles Forebay Restoration - Staff Executed Cleanouts San Antonio Filter Upgrade Sludge Bed Rohab Snubl Rohab Snubl Tank Recoating - Various Sites Upgrade Panel Improvements Upgrade Forterse Pump Plant Upgrade Panel Veisen To At Rincon Pump Plant Valve and Actuator Replacements (Marion Walker Treatment Plant) Vericial Mast Light Tower (tow behind) Weider/ Handheld Valve Exerciser/ sodium storage tank (Meserves or Rates)	100,000 275,000 48,075	- 104,000 100,000 - - - - - - - - - - - - - - - - -	100,000 - - 20,000 85,000 - 18,000 - 4,173,633	20,000 22,000	- - - 20,000 - - 25,000 - -	- - - - - 20,000 25,000 - - - - - - - - - -	350,000 - - 350,000 23,000 250,000 - - 30,000	- - - 23,000 - - - 30,000	- - - - - - - - - - - 35,000 -	- 350,000 - - 26,000 - - 35,000 -	26,000 - - 35,000 -	570,000 700,000 1,050,000 170,000 85,000 1,500,000 275,000 18,500 277,000 227,000 	CMWD (Reserves or Rates) CMWD (Reserves or Rates)
ank Seismic Upgrades wind motor and pump rebuild con Regulator vault improvements obles Canal Access Road Paving obles Crane System obles Crane System obles Crane System obles Porebay Restoration Antonio Filter Upgrade dge Bed #3 Rehab ank Recoding on ut improvements on ut improvements on ut improvements actuator Replacements (Mairion Walker Treatment Plant) trial Mast Light Tower (tow beha) Ider/ Handheld Valve Exerciser/ Sodium storage tank / Freeze tool obles Diversion / Forebay FEMA REIMBURSEMENT	Rincon Regulator vault improvements Robles Cana Access Road Paving Robles Cane System Robles Diversion Canal Panel Replacement Robles Diversion Canal Panel Replacement Robles Forebank Restoration - Staff Executed Cleanouts San Artonic Booster C Rehabilitation San Artonic Pitter Upgrade Studge Bed H3 Rehab Small Fank Recoating - Various Sites Tumout Phing Improvements Upgrade Panel view on VFD at Rincon Pump Plant Upgrade Fanel view on VFD at Rincon Pump Plant Upgrade Fanel Ligh Tower (tow behind) Welder/ Handheld Valve Exerciser's sodium storage tank / Freeze tool Sub total CMWD (Reserves or Rates) Robles Diversion / Forebay FEM REINBURSENKUT - 2023 Storm Related Emergency Generator at Rincon Pumping Plant	100,000 275,000 48,075 1,641,983	- 104,000 100,000 - - - - - - - - - - - - - - - - -	100,000 300,000 20,000 85,000 18,000 18,500 25,000 4,173,633 1,000,000 750,000	20,000 22,000	- - - 20,000 - - 25,000 - -	- - - - - 20,000 25,000 - - - - - - - - - -	350,000 - - 350,000 23,000 250,000 - - 30,000	- - - 23,000 - - - 30,000	- - - - - - - - - - - 35,000 -	- 350,000 - - 26,000 - - 35,000 -	26,000 - - 35,000 -	570,000 700,000 1,050,000 1,050,000 9,500 1,500,000 275,000 18,500 270,000 22,000 22,000 22,000 22,000,000 1,000,000	CMWD (Reserves or Rates) CMWD (Reserves or Rat
ank Seismic Upgrades wind motor and pump rebuild con Regulator vault improvements obles Cana System obles Cana System obles Densel on Fish Passage improvements obles Doresbay Restoration Antonio Booter C Antonio Filter Upgrade dge Bed #3 Rehab ank Recoating nout Improvements grade Fortess Pump Plant grade Panel view on VFD at Rincon PP ve and Actuator Replacements (Marion Walker Treatment Plant) tical Mast Light Tower (Icow behind) dier/ Handheld Vavie Exerciser/ sodium storage tank / Freeze tool obles Diversion / Forebay FEMA REIMBURSEMENT	Rincon Regulator vault improvements Robies Canal Access Road Paving Robies Canal Cacess Road Paving Robies Crane System Robies Diversion Catal Pavel Replacement Robies Diversion Catal Pavel Replacements Robies Forebay Restoration - Staff Executed Cleanouts San Antonio Bootser C Rehabilitation San Antonio Robies Diversion Catal Pavel Replacements Udgrade Bavel Rehab Small Tank Receating-Various Sites Udgrade Pavel Improvements Udgrade Fortress Pump Plant Udgrade Fortress Pump Plant Udgrade Mast Light Tower (tow behind) Wertical Mast Light Tower (tow behind) Werder/ Handheld Valve Exerciser's Jodium Storage tank / Freeze tool Welder/ Handheld Valve Exerciser's Jodium Storage tank / Freeze tool Robies Diversion/ Forebay FEMA REIMBURSEMENT - 2023 Storm Related	100,000 275,000 48,075 1,641,983 1,000,000	- 104,000 100,000 - 9,500 - - - 2,500 - - 2,327,596 1,000,000 250,000	100,000 300,000 - 20,000 85,000 18,000 25,000 - 4,173,633 1,000,000	- 109,000 350,000 150,000 - - 20,000 - - 25,000 - 4,044,175 - -	- - - - - - 20,000 - - - - - - 3,383,189 - -	- - - - - - - - 30,000 - - - - 2,210,874 - - - -	350,000 - - 350,000 250,000 - - 30,000 - - 3,144,360 - - - 10,000,000	- - - 23,000 - - - 30,000	- - - - - - - - - - - 35,000 -	- 350,000 - - 26,000 - - 35,000 -	26,000 - - 35,000 -	570,000 700,000 1,050,000 1,050,000 9,500 1,500,000 275,000 18,500 270,000 22,000 22,000 22,000 22,000,000 1,000,000	CMWD (Reserves or Rates) CMWD (Reserves or Rat

Proposed Modifications to the Capital Improvement Matrix										
	<u>FY 2024-2028</u>		<u>FY 2029-2033</u>		Total					
Current	\$ 76,000,000.00	\$	43,700,000.00	\$	119,700,000.00					
Proposed	\$ 47,809,467.86	\$	70, 170, 034.31	\$	117,979,502.17					
	\$ 28,190,532.14	\$	(26,470,034.31)	\$	1,720,497.83					