

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

<https://us06web.zoom.us/j/87544689087?pwd=dDFmaTdYMGFhaGtXVW1HaGRWbmloZz09>

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

10:00 a.m.

Special Meeting Agenda

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

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

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.

DISCUSSION:

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)

Facility	Current Status	Needs	Urgent?	Ten-Year Capital Estimated Cost
<u>Federally-Owned</u>				
Robles Diversion	Ongoing Maintenance and Modification	Forebay Cleanout & Cutoff Wall Rehab		\$ 6,000,000.00
Robles Diversion Canal	Annual canal panel replacement	Panel replacements		\$ 546,000.00
Casitas Dam & Outlet Works	Pilot valve replacement in design	Outlet Works		\$ 175,000.00
Rincon Pump Station	Switchgear complete			0
Rincon Pipeline Vent Structure	Grading Maintenance	Grading Maintenance		\$ 250,000.00
Rincon Pipeline (from Pump Station to the Rincon Balancing Reservoirs)	Ongoing Leak Repair/Segment Replacement			0
Rincon Control Reservoir	Temporary repairs made to roof	Interior recoat/refurbishment	Yes	\$ 800,000.00
Rincon Balancing Reservoir #1		Interior recoat		\$ 1,500,000.00
Gravity Pipeline	USBR Completed scanning survey in 2020			0
Canada-Larga Gravity		Assessment		0
Avenue 1 Pump Station	Switchgear complete			0
Oak View/Mira Monte Pipeline	USBR to complete scan in two to five years	Kunkle Valve Insertion		\$ 150,000.00
Santa Ana Pipeline (to bridge crossing)		Valve Insertion		\$ 150,000.00
Oak View Reservoir #1		Interior Recoat		\$ 2,500,000.00
Avenue 2 Pump Station	Switchgear complete			0
Villanova Pipeline		Valve Insertion		\$ 150,000.00
Villanova Reservoir				0
Ojai Valley Pump Station	Switchgear complete	Pump Replacement		\$ 420,000.00
Ojai Valley Pipeline		Valve Insertion at Ojai Ave Bridge		\$ 150,000.00
East Ojai Reservoir		Interior Recoat	Yes	\$ 4,000,000.00
Upper Ojai Pump Station				0
Upper Ojai Pipeline				0
Upper Ojai Reservoir		Interior recoat		\$ 2,500,000.00
				0
<u>Casitas-Owned</u>				
	Current Status	Needs	Urgent?	0
Marion Walker Treatment Plant	Plant Approaching 30-Year Anniversary	Manifold Refurbishment/Surge Tank B Recoat		\$ 2,460,000.00
Treatment Plant Fat Pipe		Assessment		0
Upper Rincon Lateral	Aged/Leaks	Replace 1,800' of 6" Pipe	Yes	\$ 1,500,000.00
Rincon Balancing Reservoir #2		Interior recoat		\$ 1,500,000.00
Rincon Pipeline (Casitas 2M System)		Replacement of Various Spans (MNS Tech Memo)		\$ 9,300,000.00
Faria Beach Main		Lower section needs realignment		\$ 1,500,000.00
Fortress 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	\$ 2,500,000.00
Gravity Pipeline (Casitas V1M System)		Needs Corrosion Assessment		0
Santa Ana Pipeline Extension				0
Oak View and Mira Monte System		Vaults and Appurtenances		0
Mira Monte Well	Aged	Drill New Well Onsite/Provide Treatment	Yes	\$ 1,100,000.00
Creek Road Pipeline				0
Oak View Reservoir #2		Interior Recoat		\$ 2,500,000.00
Garden System	Aged/Alignment Issues	Install Pump Station VFD/Abandon Tank	Yes	\$ 155,000.00
Fairview Pipeline				0
Fairview Pump Station	Switchgear complete			0
Fairview Reservoirs		Interior Recoat		\$ 3,000,000.00
Matilija Conduit	Water Quality/Leaks/Oversized in upper reaches	Abandon/Downsize Sections	Yes	\$ 2,150,000.00
4M Pump Station	Switchgear complete			0
4M Pipeline				0
4M Reservoirs	2	Interior Recoat		\$ 3,000,000.00
Upper Ojai 3M Pump Station	Switchgear complete			0
Upper Ojai 3M Reservoir				0
Grand Avenue Pump Station				0
The Ojai System	Reservoir Condition/Capacity	Integration with Casitas System/Pipeline Replacement	Yes	\$ 6,900,000.00
			Total	\$ 56,856,000.00

PROPOSED MODIFIED CIP MATRIX FOR 2023 DRAFT WATER RATE STUDY

Original Description	Fiscal Year										Total 10 Year	Funding	
	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031	2031/2032			2032/2033
4M Reservoirs	4M Reservoir Recoating												
Camp Chafee System	Camp Chafee System - Pipeline/Pump Station										105,000	2,500,000	
Casitas Dam & Outlet Works	Casitas Dam & Outlet Works - Pipeline & Equipment Rehab/Replacement											175,000	
East Ojai Reservoir	East Ojai Reservoir Recoating Project											4,000,000	
Fairview Reservoirs	Fairview Reservoir Recoating											3,000,000	
Faria Beach Main	Faria Beach Main Relocation										750,000	1,500,000	
Gardens System	Gardens System Modification										50,000	155,000	
Marion Walker WTP Piping Improvements	Marion Walker WTP Piping Improvement/Replacement										60,000	2,706,000	
Mira Monte Well	Mira Monte Well Replacement											1,100,000	
Oak View Reservoir #1	Oak View Reservoir #1 Recoating											2,500,000	
Oak View Reservoir #2	Oak View Reservoir #2 Recoating											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	Ojai Valley Pump Station										420,000	420,000	
OWS Integration	OWS Integration with Casitas Legacy System											6,900,000	
Rincon 2M Pipeline Replacement	Rincon 2M Pipeline Replacement										100,000	9,300,000	
Rincon Balancing Reservoir #1	Rincon Balancing Reservoir #1 Recoating											1,500,000	
Rincon Balancing Reservoir #2	Rincon Balancing Reservoir #2 Recoating											1,500,000	
Rincon Control Reservoir	Rincon Control Reservoir Replacement										800,000	800,000	
Rincon Pipeline Vent Structure	Rincon Pipeline Vent Structure											250,000	
Robles Diversion	Robles Diversion Cleanout and Cutoff Wall Rehab											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	4,442,200	
Transmission & Distribution Pipeline Replacements	Transmission & Distribution Pipeline Replacements										1,000,000	7,500,000	
Upper Ojai Reservoir	Upper Ojai Reservoir Recoating											2,500,000	
Upper Rincon Lateral	Upper Rincon Lateral Replacement										750,000	4,500,000	
Villanova Pipeline	Villanova Pipeline Valve Insertion										150,000	150,000	
Robles Diversion Canal Added to Marion Walker WTP Piping improvements	Robles Diversion Canal Added to Marion Walker WTP Piping improvements										1,000,000	9,300,000	
	Sub total Bonding	1,105,000	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
Heidelberger Tank and Pump Plant Retaining Walls	Heidelberger Tank and Pump Plant Retaining Walls										50,000		
Mutual Well #7 Equipping and Site Work	Mutual Well #7 Equipping and Site Work										1,000,000		
Mutual Wellfield Piping Improvements	Running Ridge/Foothill Pipeline Modification											300,000	
West and East Ojai Avenue Pipeline Replacement	West and East Ojai Avenue Pipeline Replacement										4,500,000	968,655	
	Sub total CFD 2013-1	5,350,000	1,268,655										1,268,655
Servers	Admin Data Servers											40,000	
Anodes Replacement	Anodes Replacement - Casitas Dam Inlet Structure										48,000	225,000	
Automation-Engineering Services	Automation-Engineering Services											60,000	
Ave#1/2 Pump #4 Rehabilitation	Ave#1/2 Pump #4 Rehabilitation										60,000	625,000	
B.W. Residuals Drying Bed Rehabilitations	B.W. Residuals Drying Bed Rehabilitations										30,000	45,000	
Backwash Surge Tank "B" Coating and Restoration	Backwash Surge Tank "B" Coating and Restoration											160,000	
Casitas Dam Drainage	Casitas Dam Drainage Improvement/Rehabilitation											200,000	
Casitas Dam Hollow Jet Valve Control	Casitas Dam Hollow Jet Valve Replacement/Modification											250,000	
Casitas Dam Spillway Erosion Control	Casitas Dam Spillway Erosion Control											350,000	
Chemical Dosing Equipment Replacement	Chemical Dosing Equipment Replacement											45,000	
Dam Intake Screen Maintenance	Dam Intake Screen Maintenance										60,000	60,000	
Dam Intake Structure Restoration and Rehab	Dam Intake Structure Restoration and Rehab											100,000	
Spillway Drainage System / Stilling Basin Cleanout / Drainage Modifications	Dam Spillway Drainage System / Stilling Basin Cleanout / Drainage Modifications											30,000	
DBP Reduction by Converting Fat Pipe to Chloramines	DBP Reduction by Converting Fat Pipe to Chloramines											280,500	
Vault Rehabilitation	Distribution System Vault Rehabilitation										55,000	57,000	
Vehicle Replacement	District Fleet Vehicle Replacement										252,708	221,121	
District Office Maintenance	District Office Maintenance - Replace Admin Bldg. Roof										100,000	500,000	
District Building Improvements	District Water Facility Building Improvements										30,000		
Facility Paving	Facility Paving										100,000	100,000	
Filter Media Cleaning Filter	Filter Media Cleaning Filter										125,000	123,050	
Fortress Site Stability	Fortress Reservoir Site Stability Improvements											50,000	
Heidelberger Booster Station and Reservoir Slope Stability	Heidelberger Booster Station and Reservoir Slope Stability											100,000	
Lab Renovation; incubator; backup power	Lab Renovation; incubator; backup power										28,401		
Lake Casitas Bathymetric Survey	Lake Casitas Bathymetric Survey											101,182	
Boat	Lake Water Quality Department Vessel										101,182		
Large Valve Replacement	Large Valve Replacement - Distribution System											150,000	
Lower Rincon Main Crossing Replacements (2)	Lower Rincon Main Crossing Replacements (2)										30,000		
MW/WTP Building Expansion	Marion Walker Treatment Plant Building Expansion											400,000	
Mattijija Conduit Abandonment Ojais Improvements	Mattijija Conduit Abandonment Ojais Improvements											40,000	
Meters	Meter Replacements										148,000	155,000	
Mutual 7 Awning (sound mitigation)	Mutual #7 Well Awning											17,000	
MXU Battery Replacement	MXU Battery Replacement											90,000	
New Accounting System	New Accounting System											250,000	
New Ojai System Well	New Ojai System Well - Design												
Ojai Valley Pump Plant Improvements	Ojai Valley Pump Plant Improvements										70,000	350,000	
Paint Exterior and Interior of Marion Walker Treatment Plant	Paint Exterior and Interior of Marion Walker Treatment Plant										45,000	200,000	
Paving Marion Walker Treatment Plant	Paving Marion Walker Treatment Plant										48,000		
PP Control Valves	Pump Plant Control Valves											10,000	
Pump Plant Emergency Generator	Pump Plant Emergency Generator - Portable										130,000		
Pump Plant Motor Awning	Pump Plant Motor Awning											26,000	
Pump Plant Restoration	Pump Plant Restoration										21,000		
Pump Repairs and Mechanical Seal Installs	Pump Repairs and Mechanical Seal Installs										89,600	53,000	
Replacement Pumps (Sludge Pump and Backwash Mix Pump)	Replacement Pumps (Sludge Pump and Backwash Mix Pump)										11,200		
Reservoir Cleaning and Inspections	Reservoir Cleaning and Inspections										40,000		
Reservoir Mixers	Reservoir Mixers										35,000	41,042	
Tank Seismic Upgrades	Reservoir Seismic Upgrades											300,000	
Rewind motor and pump rebuild	Rewind motors and rebuild pumps										34,200	16,000	
Rincon Regulator vault improvements	Rincon Regulator vault improvements										25,000	25,000	
Robles Canal Access Road Paving	Robles Canal Access Road Paving											300,000	
Robles Crane System	Robles Crane System											100,000	
Robles Canal Maintenance	Robles Diversion Canal Panel Replacement										100,000	104,000	
Robles Diversion Fish Passage Improvements	Robles Diversion Fish Passage Improvements										100,000	300,000	
Robles Forebay Restoration	Robles Forebay Restoration - Staff Executed Cleanouts											350,000	
San Antonio Booster C	San Antonio Booster C Rehabilitation											20,000	
San Antonio Filter Upgrade	San Antonio Filter Upgrade											85,000	
Sludge Bed #3 Rehab	Sludge Bed #3 Rehab											9,500	
Tank Re-coating	Small Tank Re-coating - Various Sites										275,000	9,500	
Turnout Improvements	Turnout Piping Improvements											18,000	
Upgrade Fortress Pump Plant	Upgrade Fortress Pump Plant										25,000	250,000	
Upgrade Panel view on VFD at Rincon PP	Upgrade Panel view on VFD at Rincon Pump Plant											18,500	
Valve and Actuator Replacements (Marion Walker Treatment Plant)	Valve and Actuator Replacements (Marion Walker Treatment Plant)											25,000	
Vertical Mast Light Tower (tow behind)	Vertical Mast Light Tower (tow behind)										48,075		
Welder/ Handheld Valve Exerciser/ sodium storage tank / Freeze tool	Welder/ Handheld Valve Exerciser/ sodium storage tank / Freeze tool											22,000	
	Sub total CMWD (Reserves or Rates)	1,641,983	2,327,596	4,173,633	4,044,175	3,383,189	2,210,874	3,144,360	2,157,478	1,794,451	2,255,546	1,640,000	27,131,302
Robles Diversion/ Forebay FEMA REIMBURSEMENT	Robles Diversion/Forebay FEMA REIMBURSEMENT - 2023 Storm Related												
Emergency Generators at Rincon	Emergency Generator at Rincon Pumping Plant										1,000,000	250,000	
Ventura-Santa Barbara Counties Intertie	Ventura-Santa Barbara Counties Intertie										250,000	2,500,000	
	Sub total FEMA, Grant, and Loans	1,000,000	1,500,000	4,250,000	2,500,000	1,250,000	5,000,000	10,000,000					24,500,000
	Total Capital Improvements	9,296,983	5,256,251	11,198,633	9,499,175	11,038,189	12,085,874	23,312,860	15,121,178	13,444,451	10,680,546	7,611,000	119,248,157

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
<i>Proposed</i>	<u>\$ 47,809,467.86</u>	<u>\$ 70,170,034.31</u>	\$ 117,979,502.17
	\$ 28,190,532.14	\$ (26,470,034.31)	\$ 1,720,497.83