

**AGENDA  
REGULAR MEETING  
OF  
THE IRRIGATION COMMITTEE**  
6425 Main Street,  
Georgetown, California 95634  
**Tuesday, August 20, 2024**  
**2:00 P.M.**

**Irrigation Committee**

Ray Griffiths, Chairman  
Bill Threlkel, Vice Chair  
Carla Sutton, Secretary

Alexandra Duarte  
Kristy McKay  
Fran Todd

**Board of Directors Liaison**

Donna Seaman  
Mike Thornbrough

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**MISSION STATEMENT**

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It is the purpose of the Georgetown Divide Public Utility District to:

- Provide reliable water supplies.
  - Ensure high-quality drinking water.
  - Promote stewardship to protect community resources, public health, and quality of life.
  - Provide excellent and responsive customer services through dedicated and valued staff.
  - Ensure fiscal responsibility and accountability are observed by balancing immediate and long-term needs.
- 

**NOTICE:** This meeting will take place in the Board Room of the Georgetown Divide Public Utility District, located at 6425 Main Street in Georgetown, and will be open to the public. As a courtesy and technology permitting members of the public may opt to participate in the meeting via video conference at:

<https://us02web.zoom.us/j/81129039058?pwd=c2t4d3NnUXZZb1dNVjczQzQzS21JUT09>

**Meeting ID: 811 2903 9058** and **Password: 800609** or via teleconference by calling **1-669-900-6833** and will be given the opportunity to provide public comment. please note that any person attending via teleconference will be sharing the phone number from which they call with the committee and the public.

The Irrigation Committee Chairperson is responsible for maintaining an orderly meeting.

**1. CALL TO ORDER — ROLL CALL — PLEDGE OF ALLEGIANCE**

**2. ADOPTION OF AGENDA**

- 3. PUBLIC FORUM** - Any member of the public may address the Irrigation Committee on any matter within the jurisdictional authority of the Irrigation Committee. Public members desiring to provide comments, must be recognized by the Committee Chairman, and speak from the podium. Comments must be directed only to the Irrigation Committee. The public should address the Irrigation Committee members during the public meetings as Chairman, Vice Chairman, Secretary, or Member, followed by the Committee member's individual last name.

The Irrigation Committee will hear communications on matters not on the agenda, but no action will be taken. No disruptive conduct shall be permitted at any Irrigation Committee meeting. Persistence in disruptive conduct shall be grounds for summary termination, by the Chairman, of that person's privilege of address.

**4. APPROVAL OF MINUTES –July 16, 2024**

**5. INFORMATIONAL REPORTS**

A. Water Resources Update

**6. ACTION ITEMS**

**A. Review of Current and Future Water Seasons**

- **Possible Action:** Identify season concerns and possible action referrals to the Board.

**B. Review of Cost-of-Service Analysis for Irrigation Service**

- **Possible Action:** Provide feedback on the Rate Analysis.

**C. Irrigation Committee Appoint Interest Confirmation Discussion**

- **Possible Action:** Provide feedback and confirmation of appointment interest.

**D. Review of Irrigation Committee Meeting Schedule**

- **Possible Action:** Provide staff direction regarding possible amendments to the annual meeting schedule.

**7. IRRIGATION COMMITTEE MEMBER COMMENTS AND REPORTS**

**8. AGENDA ITEMS FOR THE NEXT IRRIGATION COMMITTEE MEETING**

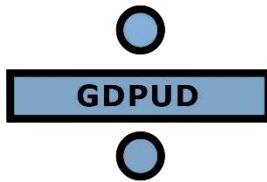
**9. NEXT MEETING DATE AND ADJOURNMENT** – The Irrigation Committee set the 3rd Tuesday of each month for regular committee meetings during the Irrigation season, and as needed or directed by the Board. The next regular Irrigation Committee meeting will be on September 17, 2024.

In accordance with Government Code Section 54954.2(a), this agenda was posted on the District's bulletin board at the Georgetown Divide Public Utility District office, at 6425 Main Street, Georgetown, California, on August 15, 2024.

  
\_\_\_\_\_  
Nicholas Schneider, General Manager

8-15-24  
Date

In compliance with the Americans With Disabilities Act, if you are a disabled person and need a disability-related modification or accommodation to participate in this meeting, contact the District Office by telephone at 530-333-4356 or by fax at 530-333-9442. Requests must be made as early as possible and at least one full business day before the start of the meeting.



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- Provide excellent and responsive customer services through dedicated and valued staff.
- Ensure fiscal responsibility and accountability are observed by balancing immediate and long-term needs.

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A full recording of this meeting is available on the District channel;

[https://youtube.com/live/sac6\\_EKwDbA](https://youtube.com/live/sac6_EKwDbA)

**1. CALL TO ORDER — ROLL CALL — PLEDGE OF ALLEGIANCE**

**Chairman Griffiths called the meeting to order at 2:06 p.m.**

**Roll Call:**

**Present:** McKay, Sutton, Todd and Griffiths

**Absent:** Threlkel and Duarte

**Chairman Griffiths led the Pledge of Allegiance.**

**2. ADOPTION OF AGENDA**

**Member Sutton motioned to adopt the agenda. Member Todd seconded the motion.**

Chairman Griffiths called for the **vote**.

**Ayes:** Sutton, McKay, Todd and Griffiths

**Nays:** None

The motion passed **unanimously**.

### 3. PUBLIC FORUM

No public comments were received.

### 4. APPROVAL OF MINUTES –May 21, 2024

#### **Public Comment:**

No public comments were received.

**Member McKay motioned to approve the minutes of the May 21, 2024, Regular Meeting of the Irrigation Committee. Member Sutton seconded the motion.**

Chairman Griffiths called for the **vote**.

**Ayes:** Sutton, McKay, Todd and Griffiths

**Nays:** None

The motion passed **unanimously**.

### 5. INFORMATIONAL REPORTS

#### **A. Water Resources Update**

Operations Manager Adam Brown delivered the update. The Stumpy Meadows Reservoir is at 96% capacity. Approximately 11 CFS are entering the reservoir. Forecasting predictions expect a dry summer.

### 6. ACTION ITEMS

#### **A. Review of Current and Future Water Seasons.**

The season is going well and there are no current recommendations from staff at the moment. Discussion included potential fire season considerations. The Committee examined the protocol should there be a need for fire incident water supplies. It was shared that the Board of Directors has the ability to take action extending the season should an emergency necessitate such a response. Historic rainfall statistics during irrigation season were explored.

#### **B. Review of Irrigation Ordinance Informational Campaign**

The Committee received and reviewed the educational customer outreach materials. feedback was provided to assist with amending the individual components to meet legibility and customer interpretation needs.

#### **C. Review of Irrigation Committee Meeting Schedule**

General Manager Nicholas Schneider introduced the discussion. This is to ensure that members' time is being honored and quality meetings are held. The idea of scheduling a committee recess was explored. Steps taken to establish calendars and disseminate information regarding meeting schedules were examined, including the utilization of messaging on billing and social media resources.

**Member Todd moved to table the discussion until the next meeting. Member McKay seconded the motion.**

Chairman Griffiths called for the **vote**.

**Ayes:** Sutton, McKay, Todd and Griffiths

**Nays:** None

The motion passed **unanimously**.

**7. IRRIGATION COMMITTEE MEMBER COMMENTS AND REPORTS**

No reports were shared.

**8. AGENDA ITEMS FOR THE NEXT IRRIGATION COMMITTEE MEETING**

Member McKay requested a review of the current member terms for clarity and to examine if there is an actionable situation.

Member McKay renewed interest in the Cost-of-Service Analysis findings regarding the costs associated with irrigation service.

The committee determined that the next meeting would be held on August 20<sup>th</sup>.

**9. NEXT MEETING DATE AND ADJOURNMENT** – The Irrigation Committee set the 3rd Tuesday of each month for regular committee meetings during the Irrigation season, and as needed or directed by the Board. The next regular Irrigation Committee meeting will be on August 20, 2024.

**Member McKay motioned to adjourn the meeting. Member Todd seconded the motion. The motion passed by acclamation. The meeting was adjourned at 3:04 p.m.**

\_\_\_\_\_  
Nicholas Schneider, General Manager

\_\_\_\_\_  
Date

**Attachments:**

- 1. McKay Historic Rainfall Handout

### 5 Year Rainfall History Per District Records SWTP

Georgetown Divide Public Utility District

Annual Data															
YEAR	Jan	Feb	Mar	Apr	May	Jun	To Date	Jul	Aug	Sep	Oct	Nov	Dec	Subtotal	Total
<b>2024</b>	11.79	10.93	7.12	3.93	2.38	0.00	<b>36.15</b>	-	-	-	-	-	-	<b>0.00</b>	36.15
<b>2023</b>	14.66	8.05	15.00	0.33	1.23	0.07	<b>39.34</b>	0.00	0.17	0.68	2.76	2.70	3.65	<b>9.96</b>	49.30
<b>2022</b>	0.69	0.17	1.60	7.54	0.41	0.99	<b>11.40</b>	0.00	0.00	1.20	0.07	4.45	24.12	<b>29.84</b>	41.24
<b>2021</b>	9.10	4.72	4.30	0.14	0.01	0.00	<b>18.27</b>	0.02	0.00	0.93	14.29	2.84	16.59	<b>34.67</b>	52.94
<b>2020</b>	5.26	0.00	10.15	5.49	2.84	0.06	<b>23.80</b>	0.00	0.00	0.00	0.00	4.64	3.51	<b>8.15</b>	31.95
<b>2019</b>	10.00	18.09	6.89	2.02	6.50	0.00	<b>43.50</b>	0.00	0.00	1.30	0.40	1.88	11.13	<b>14.71</b>	58.21

Rainy Season (7 months) vs Dry/Fire Season (5 months)															
YEAR	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Wet Season	May	Jun	Jul	Aug	Sep	Irrigation Season	Total
<b>2023-2024</b>	-	2.70	3.65	11.79	10.93	7.12	3.93	<b>40.12</b>	2.38	0.00	-	-	-	<b>2.38</b>	42.50
<b>2022-2023</b>	2.76	4.45	24.12	14.66	8.05	15.00	0.33	<b>69.37</b>	1.23	0.07	0.00	0.17	0.68	<b>2.15</b>	68.76
<b>2021-2022</b>	0.07	2.84	16.59	0.69	0.17	1.60	7.54	<b>29.50</b>	0.41	0.99	0.00	0.00	1.20	<b>2.60</b>	32.03
<b>2020-2021</b>	14.29	4.64	3.51	9.10	4.72	4.30	0.14	<b>40.70</b>	0.01	0.00	0.02	0.00	0.93	<b>0.96</b>	27.37
<b>2019-2020</b>	0.00	1.88	11.13	5.26	0.00	10.15	5.49	<b>33.91</b>	2.84	0.06	0.00	0.00	0.00	<b>2.90</b>	36.81
<b>2019</b>	0.40	<i>no data</i>	<i>no data</i>	10.00	18.09	6.89	2.02	<b>37.40</b>	6.50	0.00	0.00	0.00	1.30	<b>7.80</b>	44.80

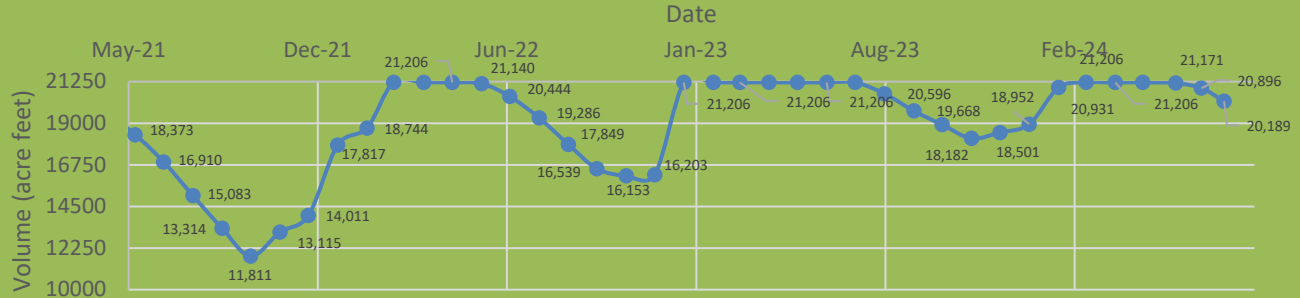
# GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

## Operations Report for July 2024

Presented to the GDPUD Irrigation Committee  
by Operations Manager Adam Brown and Water Resource Manager Alexis Elliott

Informational Item  
August 20, 2024

### Stumpy Meadows Historical Capacity Chart



Note: Full Pool – 21,206 acre feet | July 25, 2024 – 20,189 acre feet

## Treatment Operations

### Walton Lake Treatment Plant

Monthly production values not available at time of report

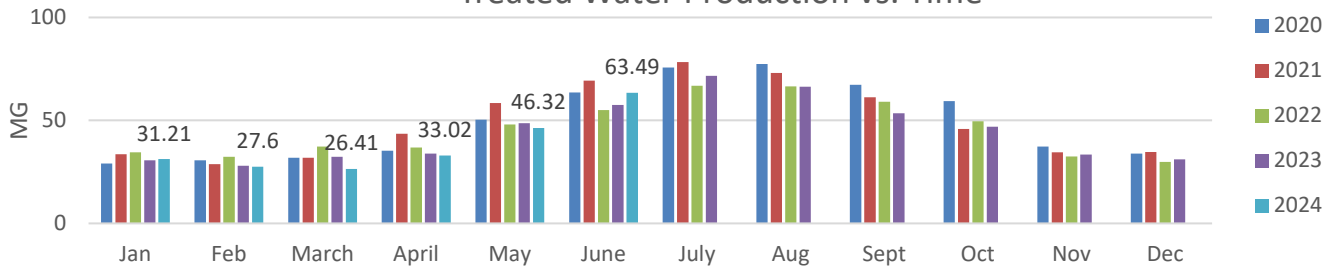
- ✓ No operational shutdowns

### Water Quality Monitoring:

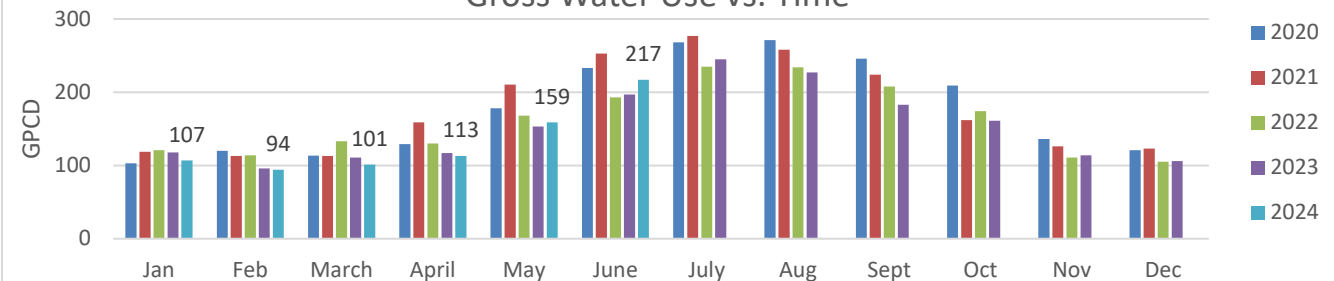
- ✓ All finished water was in compliance with drinking water standards.
- ✓ Collected routine bacteria distribution and quarterly disinfection by products samples.
- ✓ Distribution monitoring samples were absent of bacteriological contamination indicating adequate disinfection.

### Sweetwater Treatment Plant

### Treated Water Production vs. Time



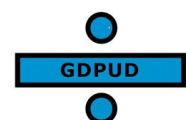
### Gross Water Use vs. Time



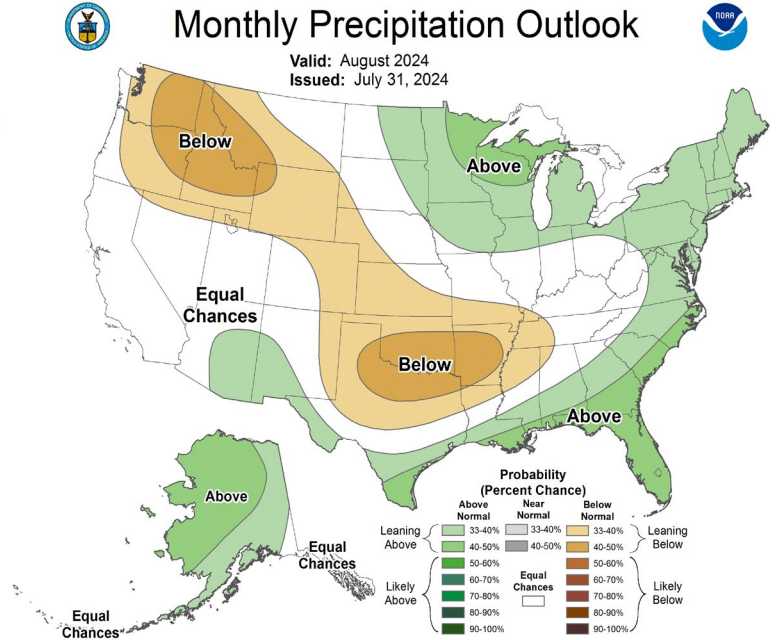
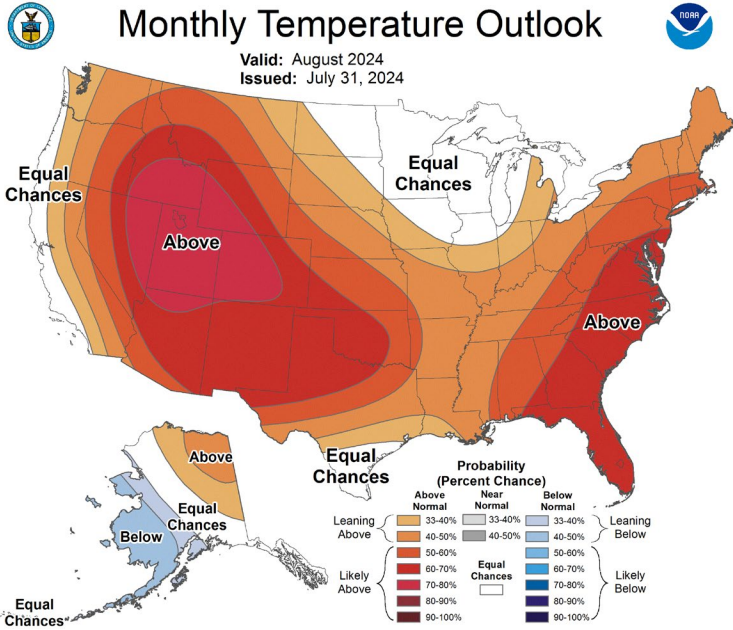
**Notes:**

GPCD – Gallons per Capita per Day

MG – millions gallons



ENSO-neutral is expected to continue for the next several months, with La Niña favored to emerge during August-October (70% chance) and persist into the Northern Hemisphere winter 2024-25 (79% chance during November-January).



### 5 Year Rainfall History Per District Records

Rainfall	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2024	11.79	10.93	7.12	3.93	2.38	0	0						36.15
2023	14.66	8.05	15	0.33	1.23	0.07	0	0.17	0.68	2.76	2.70	3.65	49.30
2022	0.69	0.17	1.6	7.54	0.41	0.99	0	0	1.2	0.07	4.45	24.12	41.24
2021	9.10	4.72	4.30	0.14	0.01	0.00	0.02	0.00	0.93	14.29	2.84	16.59	52.94
2020	5.26	0.00	10.15	5.49	2.84	0.06	0.00	0.00	0.00	0.00	4.64	3.51	31.95
2019	10.00	18.09	6.89	2.02	6.50	0.00	0.00	0.00	1.30	0.40	1.88	11.13	58.21



# Georgetown Divide PUD

## Water & Wastewater Cost of Service and Rate Study

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**Draft Water and Wastewater Rates**

August 14 and 15, 2024



**Water Resources  
Economics**

PROMOTING THE VALUE AND PRICE OF  
WATER SERVICE

# Agenda

- Rate Study Process
- Treated and Raw Water
  - Financial Plan
  - Water Cost Allocation
  - Treated Water Rates
  - Raw Water Rates
- Zone Wastewater
  - Financial Plan
  - Zone Wastewater Rates

# Glossary of Terms

- FY: fiscal year (July 1 - June 30)
- O&M: operations and maintenance
- CIP: capital improvement plan
- SWTP: Sweetwater Treatment Plant
- Supplemental Charge: treated water supplemental charge for SWTP
- COS: cost-of-service analysis
- CF: cubic feet (equal to 7.48 gallons)
- MI: miner's inch (unit of service for raw water)
- AF: acre-feet (equal to 43,560 CF)
- ALT/Zone: Auburn Lake Trails wastewater service area
- CDS: Community Disposal System for Zone wastewater customers

# Rate Study Process

- 1. Policy framework:** Identify key policy objectives (revenue stability, customer affordability, conservation, etc.)
- 2. Financial plan:** Develop multi-year cash flow projections to determine annual rate revenue requirement
- 3. Cost-of-service analysis:** Allocate the rate revenue requirement to customers based on proportional use of the water and wastewater system
- 4. Rate design:** Identify appropriate rate structure changes and calculate proposed rates
- 5. Documentation:** Develop a study report to provide transparency and defensibility

# Proposition 218 Requirements

- Proposition 218 requirements for water and wastewater rates:
  - Rates must be proportional to and may not exceed the cost of providing service
  - One customer class (residential, commercial, etc.) may not subsidize another customer class
  - Retail agencies typically conduct a “cost-of-service analysis” at least once every 5 years to ensure a sufficient nexus between rates and costs

# Treated and Raw Water

# Water Financial Plan Background

- The currently adopted rates are insufficient due to:
  - Last rate increase occurred on 2019
  - Since 2019, inflation has increased by over 19%
  - Substantial 5-year planned capital expenditures
  - Significant reduction in prior year water demand

Rates will not cover operating cost by 2025

The District will be in technical default by 2026

The District will run out of money by 2029

How much revenue does the  
District need to keep water  
safe and reliable?



# Water Reserve Policy

Beginning Fund Balances (\$1,000s)	FYE 2024	Reserve Policy
Unrestricted Reserves	\$4,666	Operating, capital, emergency
SWTP Supplemental Charge Fund (Fund 112)	\$811	Restricted
State Revolving Fund (Fund 120)	\$1,147	Restricted
<b>Total - Beginning Funds</b>	<b>\$6,625</b>	

Reserve Target (\$1,000s)	FYE 2024	Reserve Policy
Unrestricted Reserves		
Operating	\$1,765	33% of operating expenses
Capital Replacement	\$606	100% of 5-year average CIP
Emergency	\$2,000	\$2m for emergencies
<b>Total - Unrestricted Target</b>	<b>\$4,371</b>	

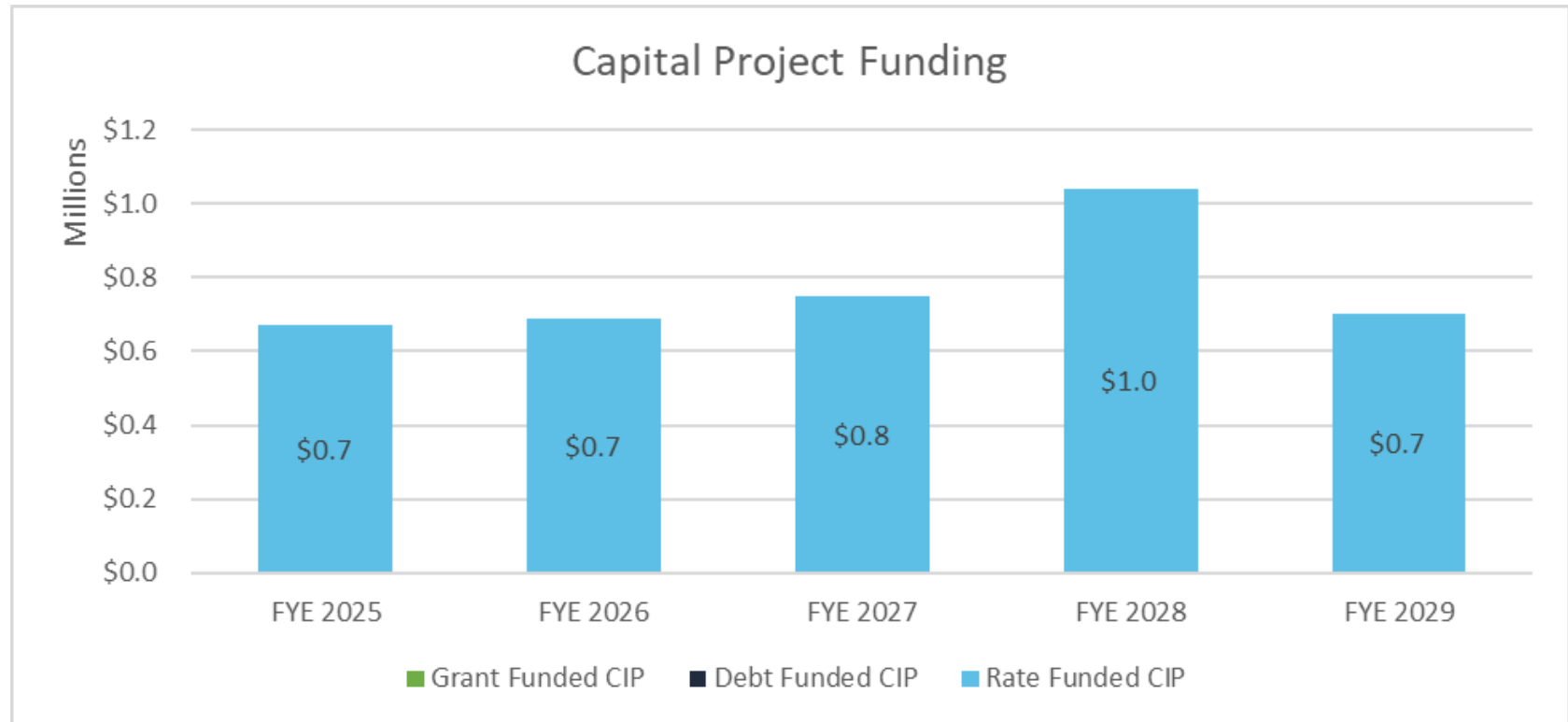
Reserve policy allows the District to:

- Fund unexpected operating expenses
- Award contracts to construct CIP
- Mitigate risks associated with emergencies and/or natural disasters

# Water Financial Plan – Status Quo

- Need to fund \$3.9M in CIP over a 5-year period

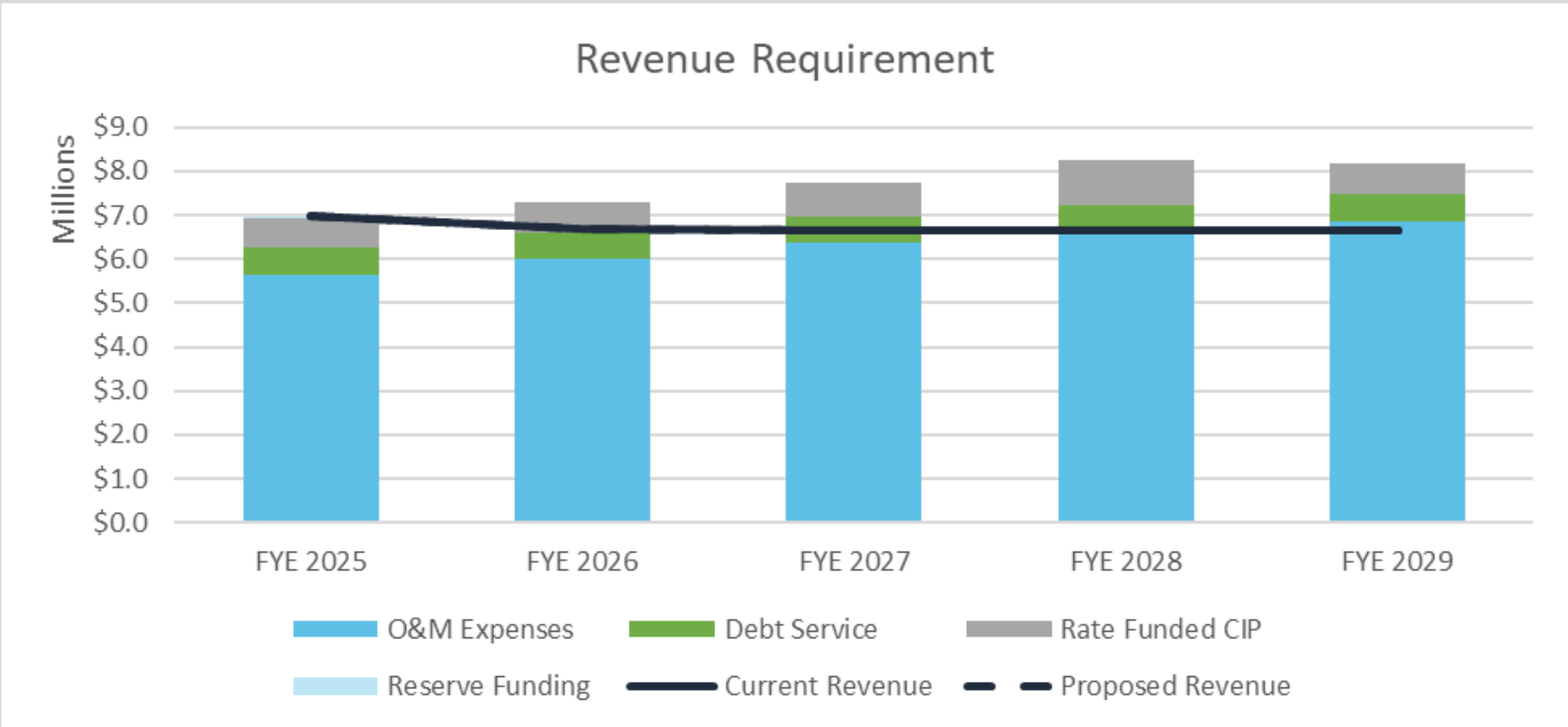
Fiscal Year	Rev. Adj.
2025	0%
2026	0%
2027	0%
2028	0%
2029	0%



# Water Financial Plan – Status Quo

- Revenues are not sufficient to meet debt service and CIP

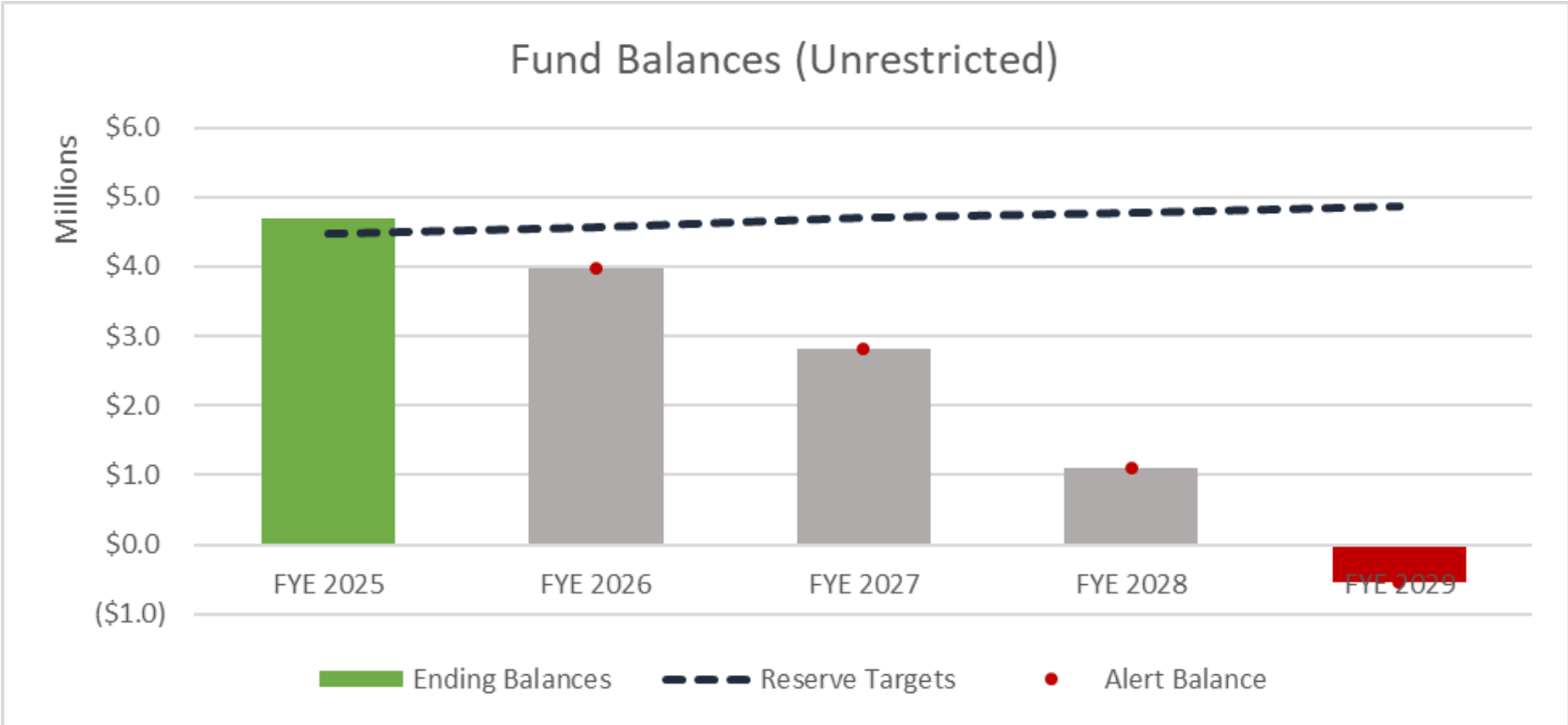
Fiscal Year	Rev. Adj.
2025	0%
2026	0%
2027	0%
2028	0%
2029	0%



# Water Financial Plan – Status Quo

- Fund balances fall below target in FY 2026-2028 and are negative in FY 2029

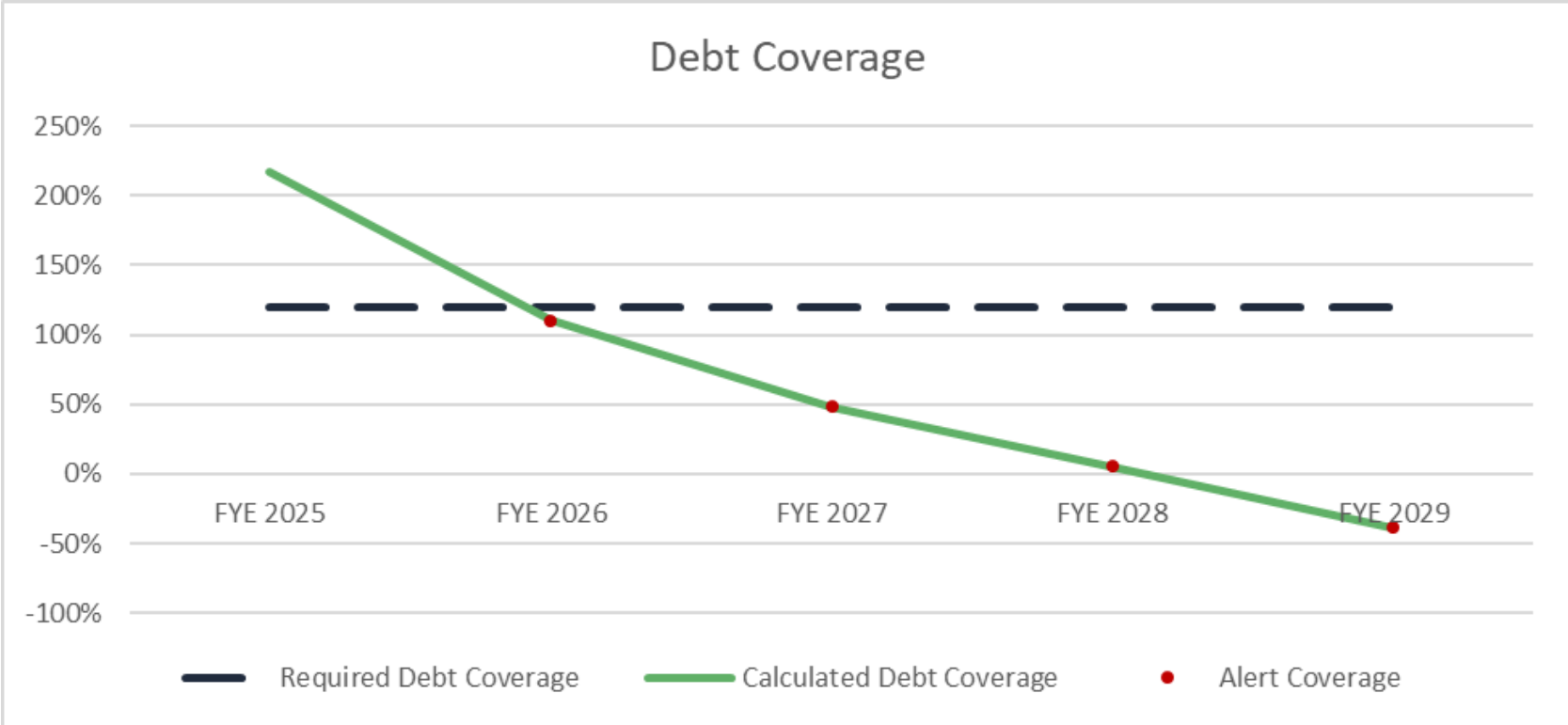
Fiscal Year	Rev. Adj.
2025	0%
2026	0%
2027	0%
2028	0%
2029	0%



# Water Financial Plan – Status Quo

- District in technical default starting in FY 2026

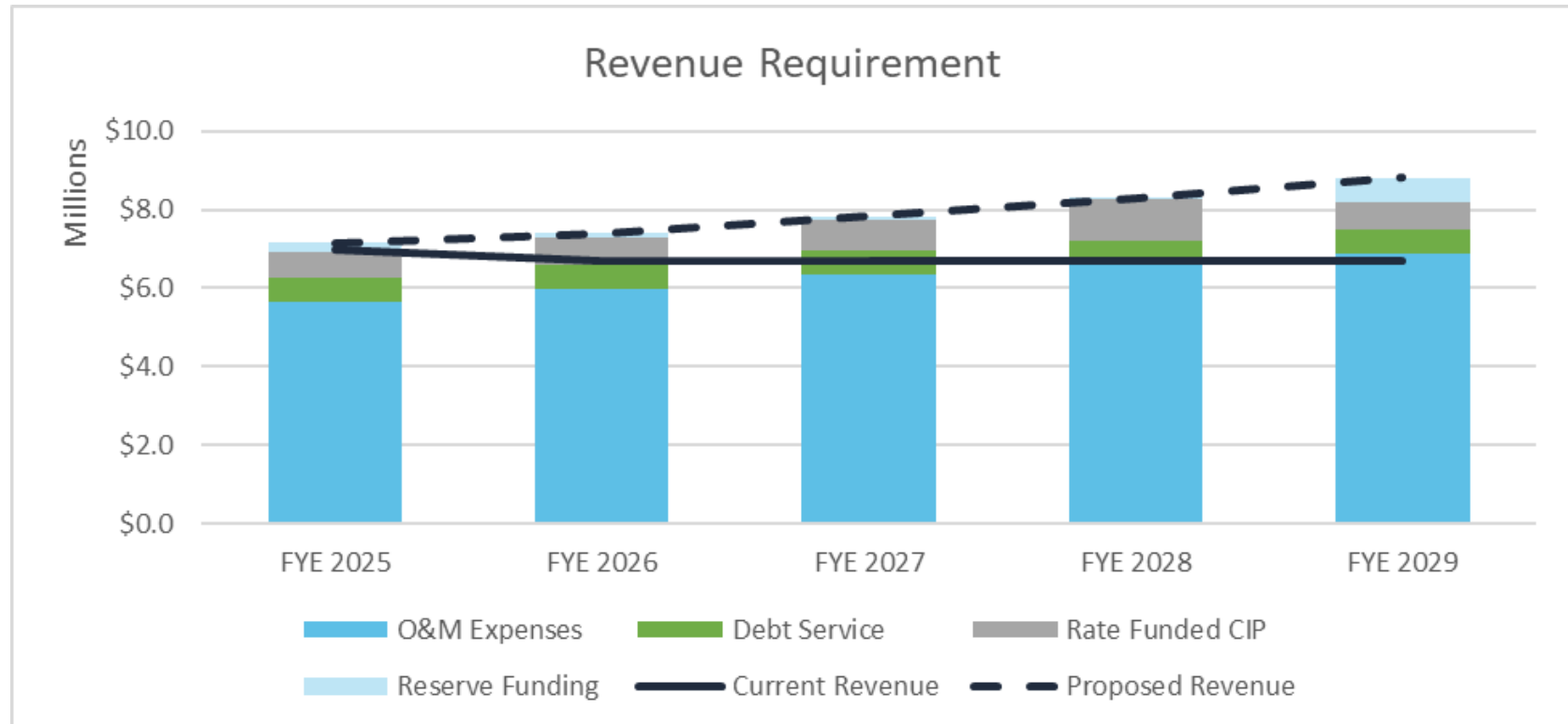
Fiscal Year	Rev. Adj.
2025	0%
2026	0%
2027	0%
2028	0%
2029	0%



# Water Financial Plan – Proposed Scenario

- Revenues are sufficient to meet all expenses and build reserves over time

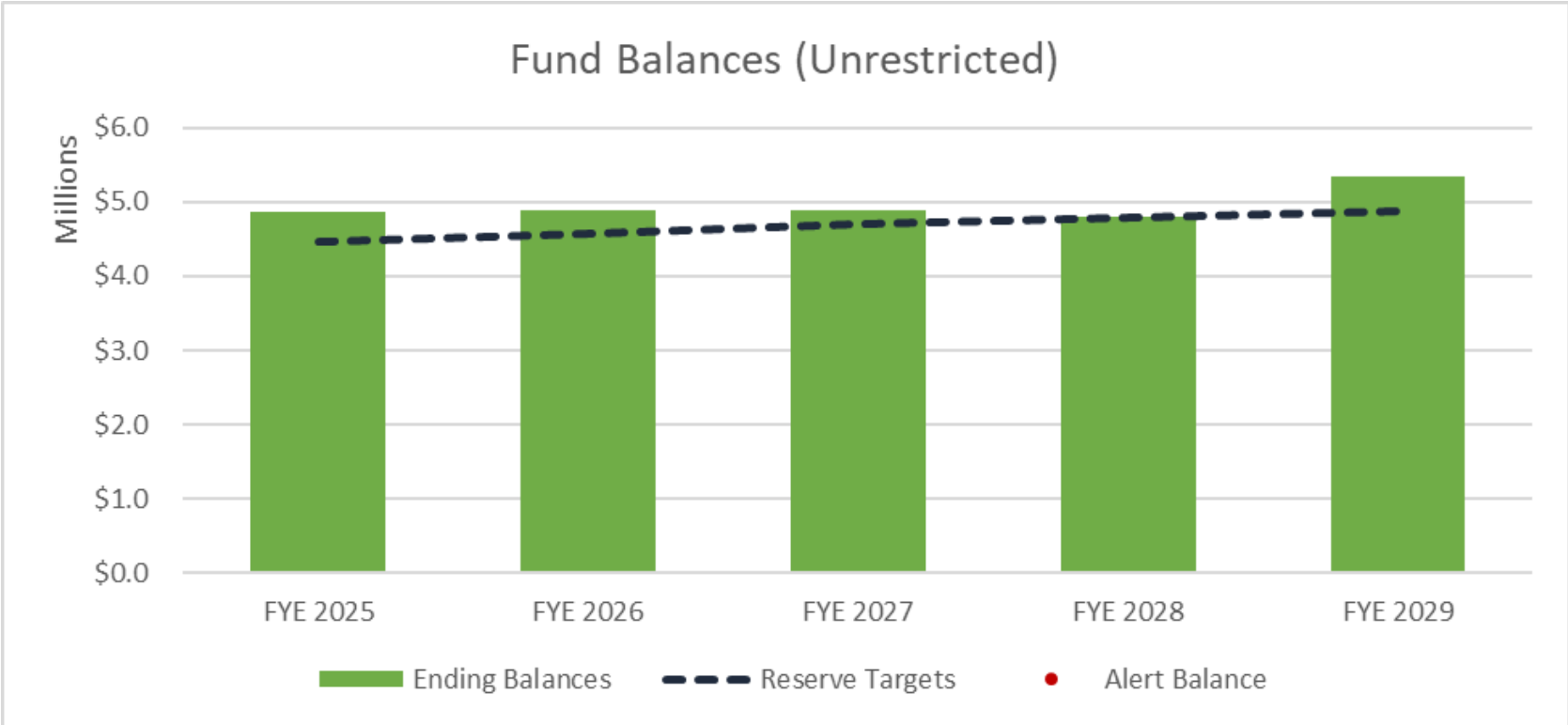
Fiscal Year	Rev. Adj.
2025	15%
2026	10%
2027	10%
2028	10%
2029	10%



# Water Financial Plan – Proposed Scenario

- Meets fund balance targets for all years

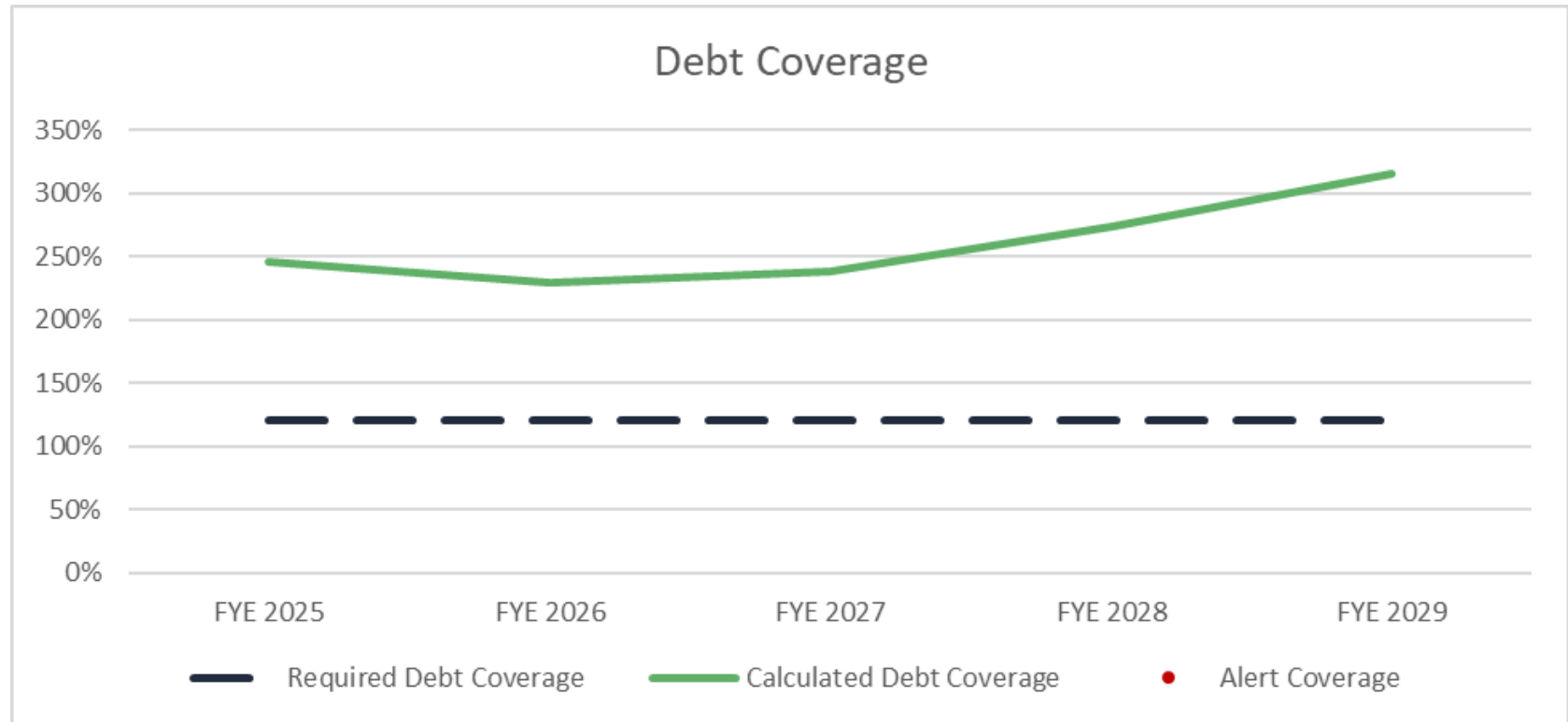
Fiscal Year	Rev. Adj.
2025	15%
2026	10%
2027	10%
2028	10%
2029	10%



# Water Financial Plan – Proposed Scenario

- Meets debt coverage requirement for all years

Fiscal Year	Rev. Adj.
2025	15%
2026	10%
2027	10%
2028	10%
2029	10%





How much does it cost to  
provide treated and raw  
water service?

# Water Cost Allocation

<b>Revenue Requirement</b>	<b>FYE 2024</b>
<b>Revenue Requirements</b>	
Operating Requirement	\$5,367,275
Operating Revenue Offset	(\$564,181)
Capital Requirement	\$726,287
Walton Debt Service Requirement	\$25,058
SWTP Debt Service Requirement	\$587,357
Hydro Revenue Offset	(\$55,000)
Property Tax Revenue Offset	(\$2,000,000)
<b>Total - Revenue Requirement</b>	<b>\$4,086,796</b>

- Total revenue requirement is for treated and raw water combined
- Revenue requirement will be allocated between treated and raw water systems
- COS is “revenue neutral”

# Water Cost Allocation

Annual Water Usage (AF)	Treated	Raw	Total
Treated Water (CF)	59,529,286	0	59,529,286
Untreated Irrigation (MI)	0	75,614	75,614

## Conversion to AF

Treated Water	1,367	0	1,367
Untreated Irrigation	0	3,749	3,749
<b>Total - Water Usage (AF)</b>	<b>1,367</b>	<b>3,749</b>	<b>5,116</b>

Allocation Basis	Treated	Raw	Total
Number of Connections	3,784	539	4,323
Annual Water Usage (AF)	1,367	3,749	5,116
Reliable Usage (AF)	9,566	3,749	13,316

## Percent Allocation

Number of Connections	88%	12%	100%
Annual Water Usage (AF)	27%	73%	100%
Reliable Usage (AF)	72%	28%	100%

- Allocation bases are used to allocate total costs between treated and raw water systems
- Reliability factor is 7x (raw water customers do not receive water for 7 months out of the year)

# Operating Allocation

O&M Expenses	FYE 2024	Alloc. Basis	Treated	Raw	Total
Source of Supply (Dept. 5100)	\$666,717	<i>Reliable Usage</i>	72%	28%	100%
Raw Water (Dept. 5200)	\$668,546	<i>Reliable Usage</i>	72%	28%	100%
Water Treatment (Dept. 5300)	\$851,897	<i>All Treated</i>	100%	0%	100%
Treated Water T&D (Dept. 5400)	\$1,143,549	<i>All Treated</i>	100%	0%	100%
Admin & Customer Service (Dept. 5600)	\$2,036,566	<i>Connections</i>	88%	12%	100%
Additional Hydro Expenses	\$0	<i>Water Usage</i>	27%	73%	100%
<b>Total - O&amp;M Expenses</b>	<b>\$5,367,275</b>		<b>88%</b>	<b>12%</b>	<b>100%</b>

# Capital Asset Allocation

Capital Assets	FYE 2024	Alloc. Basis	Treated	Raw	Total
General & Administration	\$670,039	<i>Connections</i>	88%	12%	100%
Hydroelectric	\$135,360	<i>Water Usage</i>	27%	73%	100%
Source & Supply	\$38,351,901	<i>Reliable Usage</i>	72%	28%	100%
Raw Water T&D	\$4,439,506	<i>Reliable Usage</i>	72%	28%	100%
Treated Water T&D	\$10,806,718	<i>All Treated</i>	100%	0%	100%
Treatment	\$18,385,899	<i>All Treated</i>	100%	0%	100%
<b>Total - Capital Assets</b>	<b>\$72,789,422</b>		<b>83%</b>	<b>17%</b>	<b>100%</b>

# Revenue Requirement Allocation

Revenue Requirement	FYE 2024	Alloc. Basis	Treated	Raw	Total
<b>Revenue Requirements</b>					
Operating Requirement	\$5,367,275	<i>Operating</i>	88%	12%	100%
Operating Revenue Offset	(\$564,181)	<i>Operating</i>	88%	12%	100%
Capital Requirement	\$726,287	<i>Capital</i>	83%	17%	100%
Walton Debt Service Requirement	\$25,058	<i>All Treated</i>	100%	0%	100%
SWTP Debt Service Requirement	\$587,357	<i>SWTP Debt</i>	100%	0%	100%
Hydro Revenue Offset	(\$55,000)	<i>Water Usage</i>	27%	73%	100%
Property Tax Revenue Offset	(\$2,000,000)	<i>Connections</i>	88%	12%	100%
<b>Total - Revenue Requirement</b>	<b>\$4,086,796</b>		<b>90%</b>	<b>10%</b>	<b>100%</b>

# Revenue Requirement Allocation

Revenue Requirement	Treated	Raw	Total
<b>Revenue Requirements</b>			
Operating Requirement	\$4,737,366	\$629,909	\$5,367,275
Operating Revenue Offset	(\$497,968)	(\$66,213)	(\$564,181)
Capital Requirement	\$604,237	\$122,050	\$726,287
Walton Debt Service Requirement	\$25,058	\$0	\$25,058
SWTP Debt Service Requirement	\$587,357	\$0	\$587,357
Hydro Revenue Offset	(\$14,692)	(\$40,308)	(\$55,000)
Property Tax Revenue Offset	(\$1,750,636)	(\$249,364)	(\$2,000,000)
<b>Total - Revenue Requirement</b>	<b>\$3,690,722</b>	<b>\$396,074</b>	<b>\$4,086,796</b>
<i>Current Rate Revenues</i>	<i>\$3,708,267</i>	<i>\$378,529</i>	<i>\$4,086,796</i>
<i>Difference (%)</i>	<i>-0.5%</i>	<i>4.6%</i>	<i>0.0%</i>

- This scenario:
  - Is “Revenue neutral”
  - Has a reliability factor of 7
  - Splits property taxes by number of connections
  - Splits hydro revenues by water usage
- First year of rates are effective January 2025
  - Customers will first see the impact in their March 2025 bills

Creating a rate structure that is defensible, while addressing affordability concerns



# Treated Water Rate Structure and Costs

- Recommended changes:
  - Maintain uniform usage rate
  - Bi-monthly base charge for 3/4" and smaller
  - Treated supplemental charge based on meter size
  - Maintain low income discount
- Draft water rates in following slides include results of Cost of Service and financial plan:
  - Year 1: 15% increase for both Treated and Raw
  - Years 2-5: 10% increase each year for both Treated and Raw

# Treated Bi-Monthly Base Charges

Treated Water Rates	Current	FYE 2025	FYE 2026	FYE 2027	FYE 2028	FYE 2029
<b>Bi-Monthly Base Charge</b>						
5/8 inch	\$61.76	\$72.32	\$79.56	\$87.52	\$96.28	\$105.92
3/4 inch	\$61.76	\$72.32	\$79.56	\$87.52	\$96.28	\$105.92
1 inch	\$61.76	\$112.88	\$124.18	\$136.60	\$150.26	\$165.30
1.5 inch	\$205.84	\$214.20	\$235.62	\$259.20	\$285.12	\$313.64
2 inch	\$329.34	\$335.84	\$369.44	\$406.40	\$447.04	\$491.76
3 inch	\$658.68	\$721.00	\$793.10	\$872.42	\$959.68	\$1,055.66
4 inch	\$1,029.20	\$1,288.56	\$1,417.42	\$1,559.18	\$1,715.10	\$1,886.62
<b>Low Income Base Charge</b>						
5/8 inch	\$30.88	\$36.16	\$39.78	\$43.76	\$48.14	\$52.96
3/4 inch	\$30.88	\$36.16	\$39.78	\$43.76	\$48.14	\$52.96
1 inch	\$30.88	\$56.44	\$62.10	\$68.30	\$75.14	\$82.66

- 1" meter sizes are charged differently than 5/8" and 3/4" meter sizes
- Maintaining 50% low income discount

# Treated Supplemental Charge/Usage Rate

Treated Water Rates	Current	FYE 2025	FYE 2026	FYE 2027	FYE 2028	FYE 2029
<b>Supplemental Charge</b>						
5/8 inch	\$30.16	\$23.64	\$23.64	\$23.64	\$23.64	\$23.64
3/4 inch	\$30.16	\$23.64	\$23.64	\$23.64	\$23.64	\$23.64
1 inch	\$30.16	\$39.38	\$39.38	\$39.38	\$39.38	\$39.38
1.5 inch	\$30.16	\$78.76	\$78.76	\$78.76	\$78.76	\$78.76
2 inch	\$30.16	\$126.00	\$126.00	\$126.00	\$126.00	\$126.00
3 inch	\$30.16	\$275.64	\$275.64	\$275.64	\$275.64	\$275.64
4 inch	\$30.16	\$496.12	\$496.12	\$496.12	\$496.12	\$496.12
<b>Usage Rate (per CF)</b>						
All Customers	\$0.0268	\$0.0309	\$0.0340	\$0.0374	\$0.0412	\$0.0454

- 1" meter sizes are charged differently than 5/8" and 3/4" meter sizes
- Supplemental charge based on meter size
- Maintaining uniform usage rate

# Treated Combined Bi-Monthly Meter Charges

Treated Water Rates	Current	FYE 2025	FYE 2026	FYE 2027	FYE 2028	FYE 2029	# of Meters
<b>Combined Meter Charges</b>							
5/8 inch	\$91.92	\$95.96	\$103.20	\$111.16	\$119.92	\$129.56	3,046
3/4 inch	\$91.92	\$95.96	\$103.20	\$111.16	\$119.92	\$129.56	439
1 inch	\$91.92	\$152.26	\$163.56	\$175.98	\$189.64	\$204.68	273
1.5 inch	\$236.00	\$292.96	\$314.38	\$337.96	\$363.88	\$392.40	13
2 inch	\$359.50	\$461.84	\$495.44	\$532.40	\$573.04	\$617.76	6
3 inch	\$688.84	\$996.64	\$1,068.74	\$1,148.06	\$1,235.32	\$1,331.30	2
4 inch	\$1,059.36	\$1,784.68	\$1,913.54	\$2,055.30	\$2,211.22	\$2,382.74	5

- 1" meter sizes are charged differently than 5/8" and 3/4" meter sizes
- Combined monthly base charge and supplemental charge

# Treated Customer Bi-Monthly Impacts

## 5/8" meter

Usage Level	CF per Bill	Current Bill	Proposed Bill	Difference (\$)	Difference (%)
Very Low Usage (10th Percentile)	238	\$98.30	\$103.31	\$5.02	5.1%
Low Usage (25th Percentile)	670	\$109.88	\$116.66	\$6.79	6.2%
Median Usage	1,320	\$127.30	\$136.75	\$9.45	7.4%
Average Usage	2,600	\$161.60	\$176.30	\$14.70	9.1%
High Usage (75th Percentile)	2,640	\$162.67	\$177.54	\$14.86	9.1%
Very High Usage (90th Percentile)	5,266	\$233.05	\$258.68	\$25.63	11.0%

## 1" meter

Usage Level	CF per Bill	Current Bill	Proposed Bill	Difference (\$)	Difference (%)
Very Low Usage (10th Percentile)	238	\$98.30	\$159.61	\$61.32	62.4%
Low Usage (25th Percentile)	670	\$109.88	\$172.96	\$63.09	57.4%
Median Usage	1,320	\$127.30	\$193.05	\$65.75	51.7%
Average Usage	2,600	\$161.60	\$232.60	\$71.00	43.9%
High Usage (75th Percentile)	2,640	\$162.67	\$233.84	\$71.16	43.7%
Very High Usage (90th Percentile)	5,266	\$233.05	\$314.98	\$81.93	35.2%

# Raw Water Rate Structure and Costs

- Recommended changes:
  - Maintain billing by miner's inches
  - 8 outside District customers do not pay property taxes, so they will not receive the benefit of the property tax revenue offset
- Draft water rates in following slides include results of COS and financial plan:
  - Year 1: 15% increase
  - Years 2-5: 10% increase each year

# Raw Water Rates and Impacts

Raw Water Rates	Current	FYE 2025	FYE 2026	FYE 2027	FYE 2028	FYE 2029
<b>Inside District</b>						
1/2 Miner's Inch (per month)	\$77.00	\$91.72	\$100.90	\$110.99	\$122.09	\$134.30
Per 1 Miner's Inch (per month)	\$154.20	\$183.44	\$201.79	\$221.97	\$244.17	\$268.59
<b>Outside District</b>						
1/2 Miner's Inch (per month)	\$77.00	\$160.62	\$176.69	\$194.36	\$213.80	\$235.18
Per 1 Miner's Inch (per month)	\$154.20	\$321.23	\$353.36	\$388.70	\$427.57	\$470.33

- Outside District customers do not receive property tax revenue offsets

Raw Water Customer	MI per month	Current Bill	Proposed Bill	Difference (\$)	Difference (%)
Inside District	1	\$154.20	\$183.44	\$29.24	19.0%
Outside District	1	\$154.20	\$321.23	\$167.03	108.3%

# Zone Wastewater



# Wastewater Financial Plan Background

- The currently adopted rates are insufficient due to:
  - Last rate increase occurred on 2018
  - Since 2018, inflation has increased by over 21%
  - Credit provided has been over-extended

Expense are three times higher than revenue  
The wastewater fund will run out of money by 2026

How much revenue does the District need to dispose of wastewater?

# Zone Wastewater Reserve Policy

Beginning Fund Balances (\$1,000s)	FYE 2024	Reserve Policy
Unrestricted Reserves	\$940	Operating, capital, emergency
<b>Total - Beginning Funds</b>	<b>\$940</b>	

Reserve Target (\$1,000s)	FYE 2024	Reserve Policy
Unrestricted Reserves		
Operating	\$172	33% of operating expenses
Capital Replacement	\$13	100% of 5-year average CIP
Emergency	\$50	\$50k for emergencies
<b>Total - Unrestricted Target</b>	<b>\$235</b>	

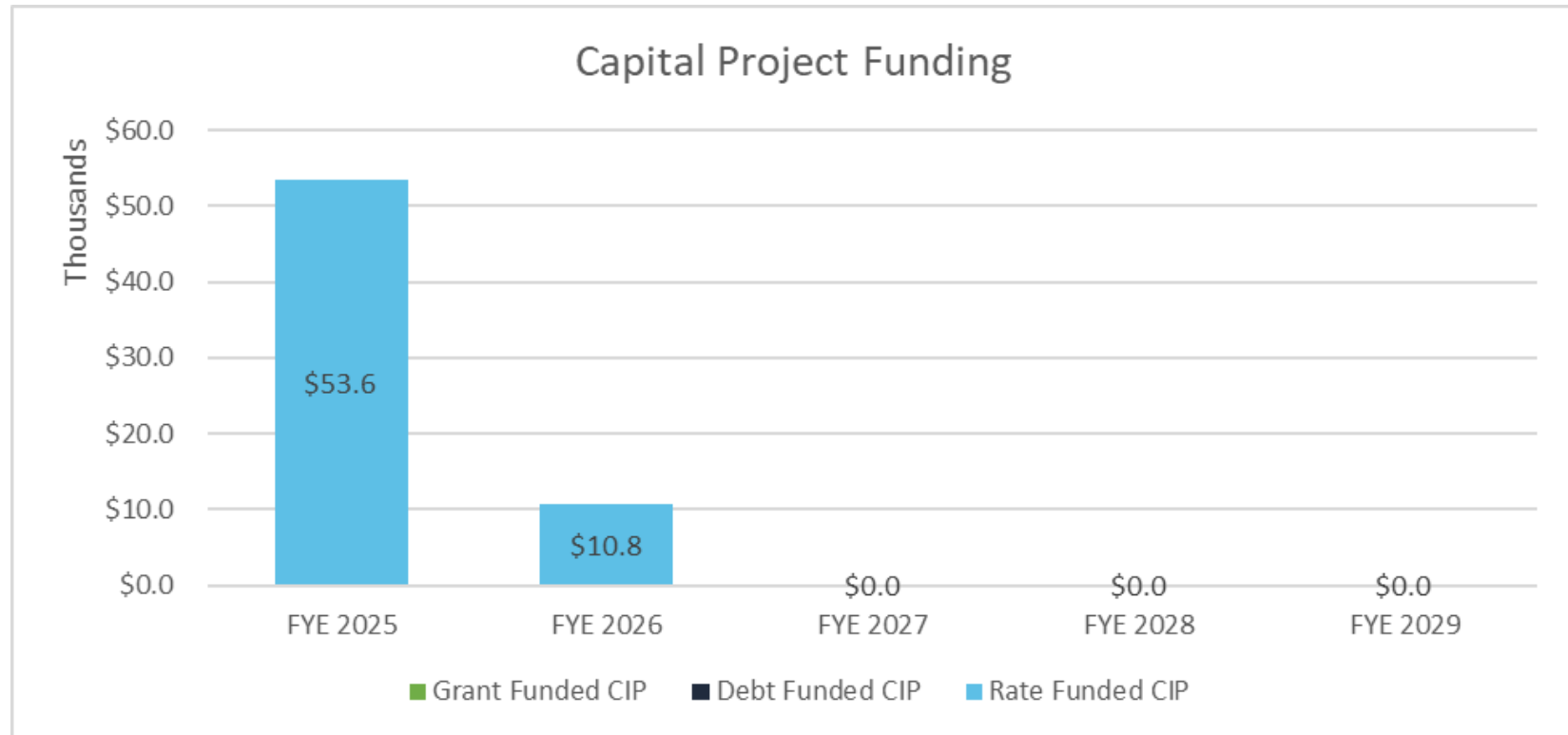
Reserve policy allows the District to:

- Fund unexpected operating expenses
- Award contracts to construct CIP
- Mitigate risks associated with emergencies and/or natural disasters

# Zone Financial Plan – Status Quo

- Cannot fund \$65K in CIP over 5-year period

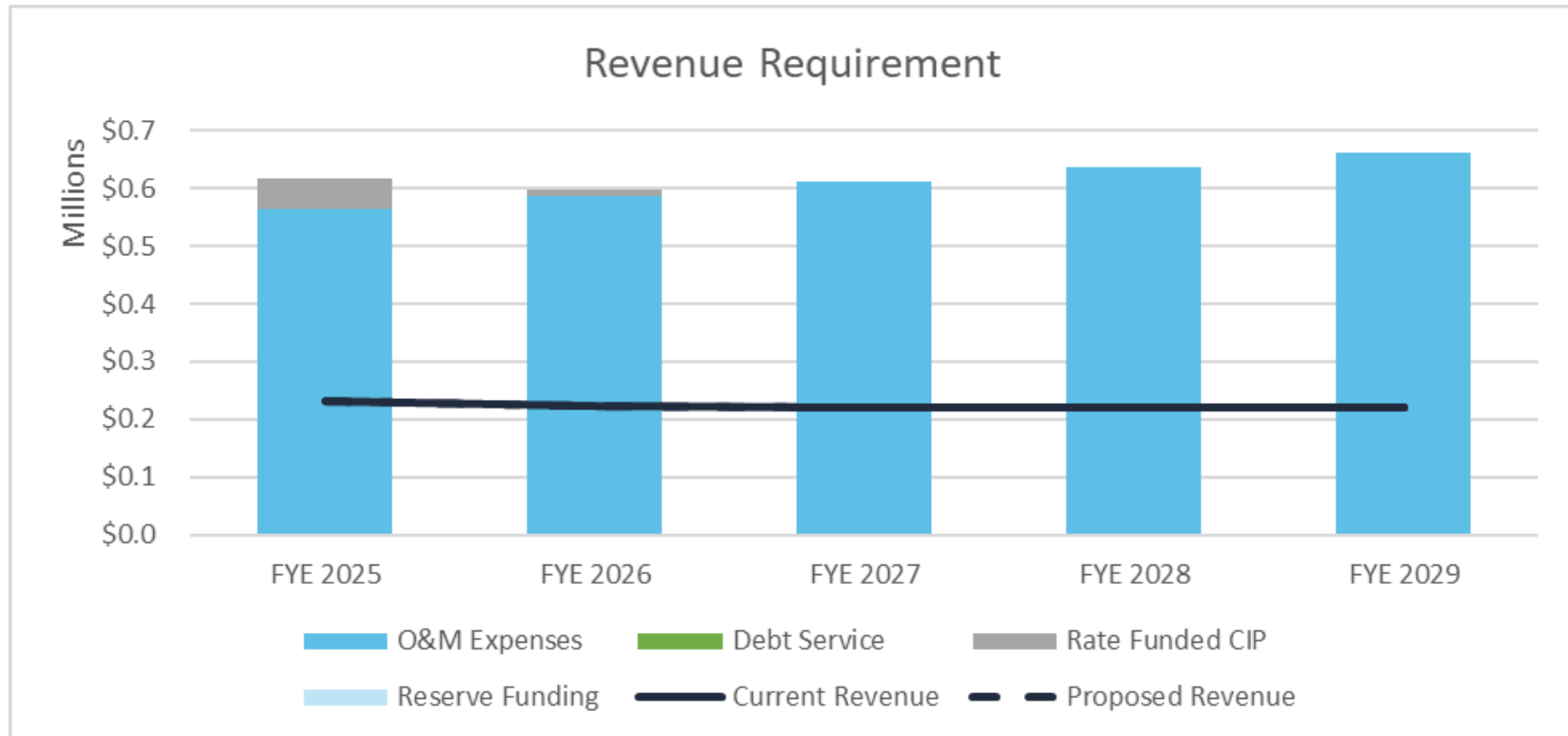
Fiscal Year	Rev. Adj.
2025	0%
2026	0%
2027	0%
2028	0%
2029	0%



# Zone Financial Plan – Status Quo

- Revenues not sufficient to fund O&M

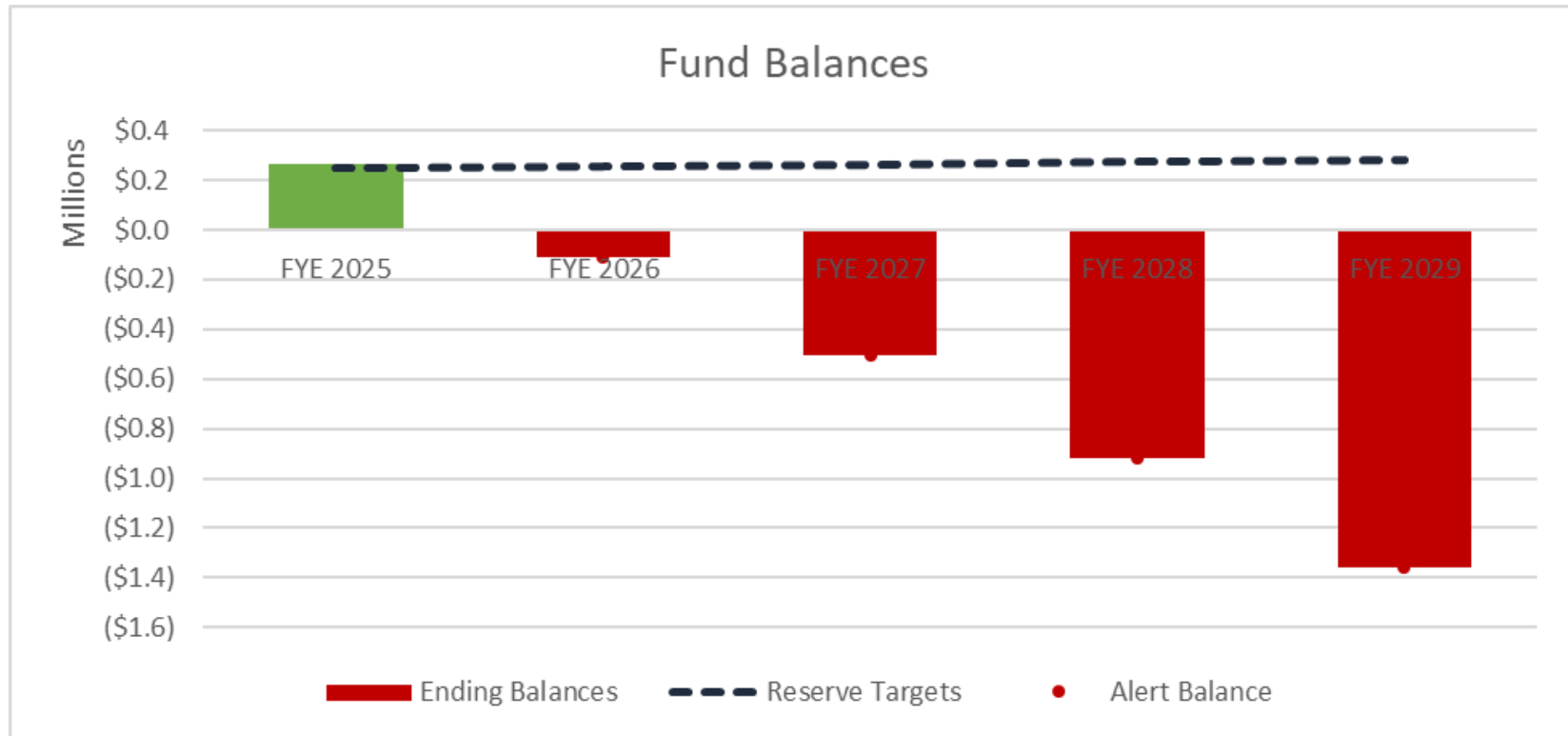
Fiscal Year	Rev. Adj.
2025	0%
2026	0%
2027	0%
2028	0%
2029	0%



# Zone Financial Plan – Status Quo

- Fund balances go negative in FY 2026

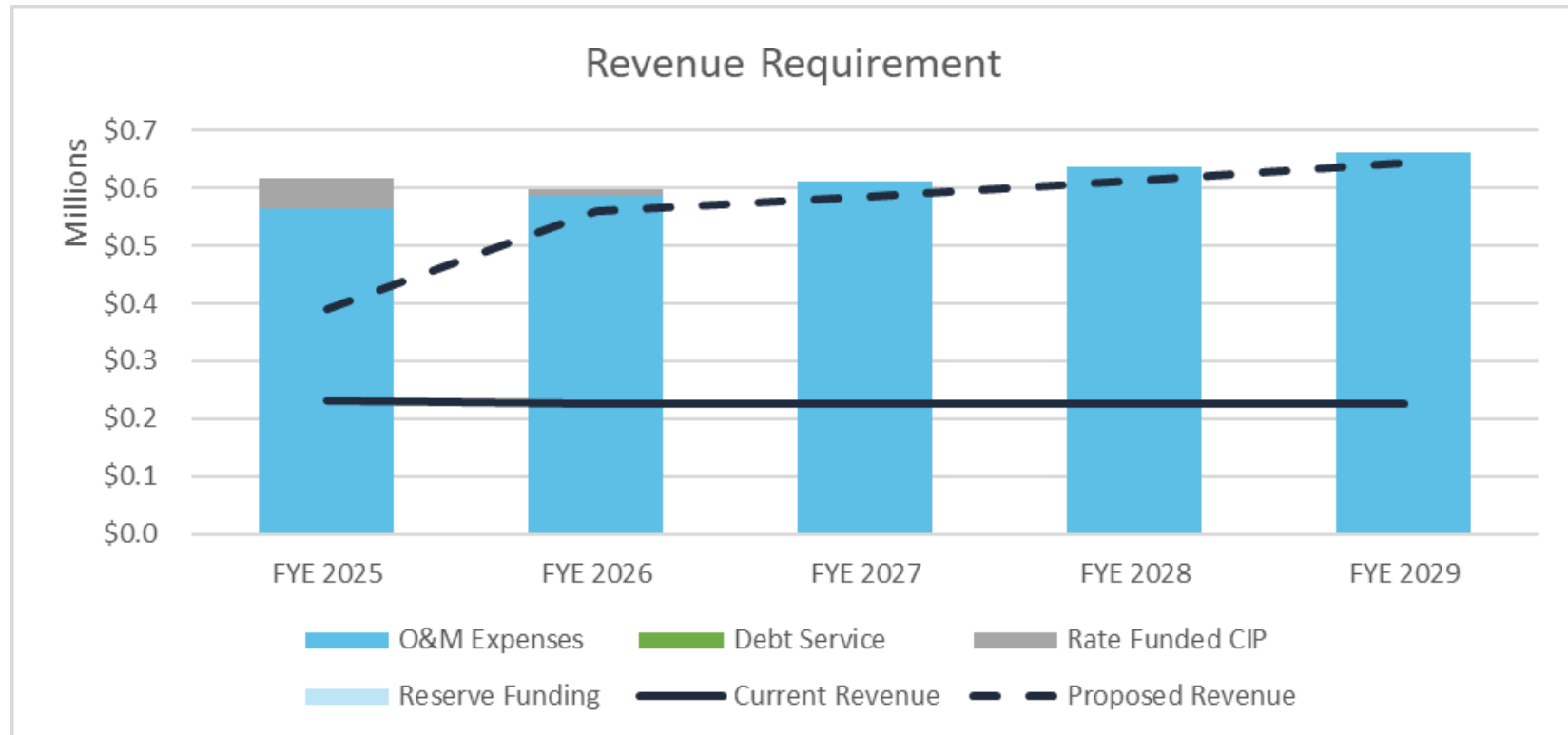
Fiscal Year	Rev. Adj.
2025	0%
2026	0%
2027	0%
2028	0%
2029	0%



# Zone Financial Plan – Proposed Scenario

- Revenues are sufficient to meet expenses and build reserves

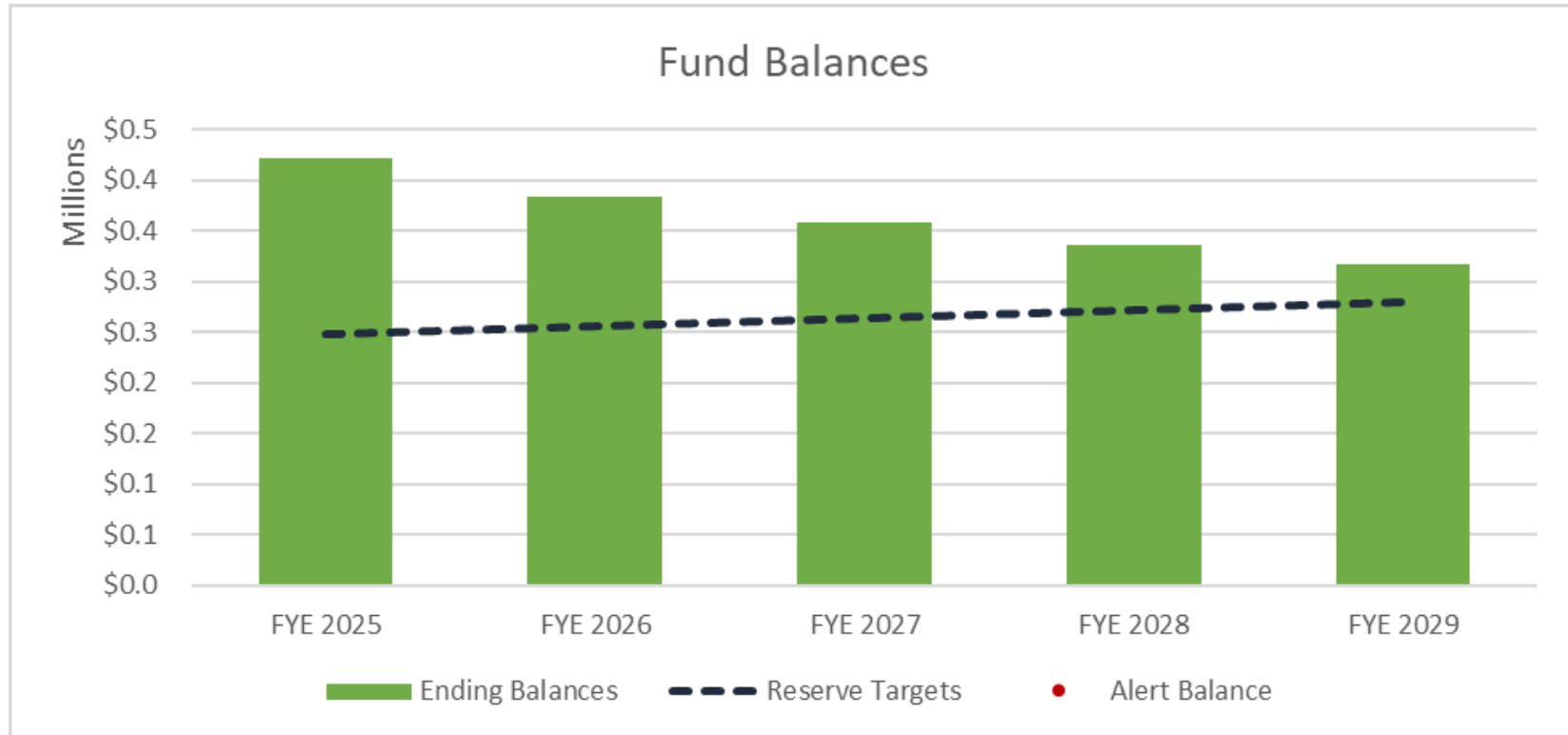
Fiscal Year	Rev. Adj.
2025	155%
2026	5%
2027	5%
2028	5%
2029	5%



# Zone Financial Plan – Proposed Scenario

- Meets fund balance targets for all years

Fiscal Year	Rev. Adj.
2025	155%
2026	5%
2027	5%
2028	5%
2029	5%





How much does it cost provide  
the different types of  
wastewater service?

# Zone Wastewater Customers

Customer Accounts	No. of Customers	% of Total
<b>CDS Customer</b>		
Developed Lot	135	12%
Undeveloped Lot	3	0%
<b>Total - CDS Customer</b>	<b>138</b>	<b>13%</b>
<b>Non-CDS Customer</b>		
Developed Lot	886	82%
Undeveloped Lot	61	6%
<b>Total - Non-CDS Customer</b>	<b>947</b>	<b>87%</b>
<b>Total - Customers</b>	<b>1,085</b>	<b>100%</b>

- Customer accounts are used to:
  - allocate costs between customers (CDS / Non-CDS)
  - determine unit costs for the rate

# Zone Wastewater Cost Allocation

- No proposed changes to the Zone wastewater rate structure
- Allocation methodology stays the same and is as follows:

Rate Calculation	CDS O&M	Non-CDS O&M	Permit Mgmt.	CIP
<b>Bi-Monthly Fees (CDS Customer)</b>				
Developed Lot	X		X	X
Undeveloped Lot			X	X
<b>Bi-Monthly Fees (Non-CDS Customer)</b>				
Developed Lot		X	X	
Undeveloped Lot			X	

# Zone Wastewater Revenue Neutral Rate

Rate Calculation	CDS O&M	Non-CDS O&M	Permit Mgmt.	CIP	COS Charge
<b>Bi-Monthly Fees (CDS Customer)</b>					
Developed Lot	\$59.19	\$0.00	\$8.89	\$5.14	<b>\$73.23</b>
Undeveloped Lot	\$0.00	\$0.00	\$8.89	\$5.14	<b>\$14.03</b>
<b>Bi-Monthly Fees (Non-CDS Customer)</b>					
Developed Lot	\$0.00	\$18.14	\$8.89	\$0.00	<b>\$27.03</b>
Undeveloped Lot	\$0.00	\$0.00	\$8.89	\$0.00	<b>\$8.89</b>

# Zone Wastewater Rates (w/ Rev. Adj.)

Zone Wastewater Rates	Current	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
<b>Bi-Monthly Fees (CDS Customer)</b>						
Developed Lot	\$99.77	\$186.74	\$196.08	\$205.89	\$216.19	\$227.00
Undeveloped Lot	\$35.20	\$35.81	\$37.61	\$39.50	\$41.48	\$43.56
<b>Bi-Monthly Fees (Non-CDS Customer)</b>						
Developed Lot	\$22.19	\$68.93	\$72.38	\$76.00	\$79.80	\$83.79
Undeveloped Lot	\$19.35	\$22.70	\$23.84	\$25.04	\$26.30	\$27.62

# Zone Wastewater Impacts

Zone Wastewater Impacts	Current WW Bill	Proposed WW Bill	Difference (\$)	Difference (%)	w/ Current Water Bill	w/ Proposed Water Bill	Difference (\$)	Difference (%)
<b>CDS Customer</b>								
Developed Lot	\$99.77	\$186.74	\$86.97	87.2%	\$261.37	\$363.04	\$101.67	38.9%
Undeveloped Lot	\$35.20	\$35.81	\$0.61	1.7%	\$196.80	\$212.11	\$15.31	7.8%
<b>Non-CDS Customer</b>								
Developed Lot	\$22.19	\$68.93	\$46.74	210.6%	\$183.79	\$245.23	\$61.44	33.4%
Undeveloped Lot	\$19.35	\$22.70	\$3.35	17.3%	\$180.95	\$199.00	\$18.05	10.0%



## Water Resources Economics

PROMOTING THE VALUE AND PRICE OF  
WATER SERVICE

Information regarding the Cost-of-Service Analysis, and its associated processes can be found on the District site.

<https://www.gd-pud.org/cost-of-service-and-rate-analysis>

## Contact Information

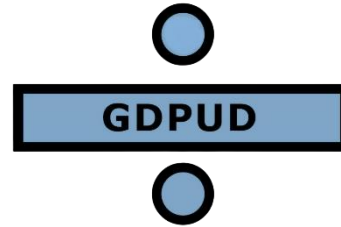
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**REPORT TO THE IRRIGATION COMMITTEE**

**Board Meeting of August 22, 2024**

**Agenda Item No. 6. D.**



**AGENDA SECTION: ACTION ITEMS**

**SUBJECT: Consider the Irrigation Committee Annual Schedule**

**PREPARED BY:** Elizabeth Olson, Executive Assistant

**Approved By:** Nicholas Schneider, General Manager

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**BACKGROUND**

The current Irrigation Committee schedule prescribes monthly meetings on the 3<sup>rd</sup> Tuesday.

**DISCUSSION**

Policy 4105.02 Irrigation Roles and Responsibilities established the committee. Items 6 and 7 of the policy state:

- 6. Role of the Committee.** The primary role of the Committee is to provide recommendations to the Board of Directors (“Board”) from their direction, or in response to Board-approved proposals on matters related to the District’s Irrigation water services. Additional mission to be provided by the committee.
- 7. Meetings.** The committee shall meet at least quarterly, and more often if needed or requested by the Board or the Committee. Meetings shall be held at the District’s offices unless otherwise stipulated by an emergency or Executive Order

The current adopted 2024 meeting schedule prescribes 11 annual meetings. Discussion is recommended as to the annual adopted schedule and meeting frequency to establish a calendar that will serve both the Committee’s purpose and the members’ needs. Given the nature of the Committee, it is understood that members are utilizing irrigation services for their businesses and personal operations. When irrigation season is in full swing is there a need for monthly meetings, or does that pull those who have pending matters in the field away during critical points impacting their operations?

**FISCAL IMPACT**

There is no fiscal impact associated with this discussion.

**CEQA ASSESSMENT**

This is not a CEQA project.

**RECOMMENDED ACTION**

Staff recommends the Irrigation Committee of the Georgetown Divide Public Utility District (GDPUD) discuss the meeting schedule and develop recommendations for adoption.



**ALTERNATIVES**

The Committee may find the need to address the current meeting schedule lacking and reject the discussion.

**ATTACHMENTS**

1. Policy 4105.02 Irrigation Committee Roles and Responsibilities

**POLICY TITLE:**        **Irrigation Committee Role and Responsibilities**

**POLICY NUMBER:**    **4105.02**

1. **Purpose.** The Irrigation Committee was established in January 2020 to provide recommendations to the Board of Directors on matters related to the District’s Irrigation services and allow Irrigation customers an opportunity to provide feedback to this committee. The Committee is advisory nature and the Committee, and its members have no authority to set policy, expend funds, or make obligations on behalf of the Board and/or the District.
2. **Brown Act:** The Irrigation Committee is a committee formed formally under the Board of Directors Policy 5000.3 and must comply with the Brown Act. The Brown Act. The Legislature adopted the Brown Act, commonly referred to as California’s “Open Meetings Laws” in 1964. The Brown Act is contained in Government Code section 54950 et seq. The Brown Act is broadly construed, and compliance is constitutionally mandated. Committee members must be knowledgeable of the Brown Act and there will be annual/bi-annual training.
3. **Membership; Quorum.** The Committee shall be comprised of no more than seven (7) public members. A quorum shall consist of four (4) public members currently appointed to the Committee.
4. **Board Liaison(s).** One Director up to a maximum total of two (2) Directors, shall be appointed to the Committee as Board Liaison members.
  - a) The duties of the Board Liaison include presenting relevant data to the Board and arranging for any presentation of important progress on projects to the Board by the Committee chairperson.
  - b) The Board Liaison’s role will be advisory to the Committee-
  - c) The Board Liaison will not have a vote on the Committee.
  - d) Only Two (2) Board of Directors can be present at any of the Committee meetings
  - e) If a regular Liaison cannot attend a meeting, that member will contact the Board President and the Board President will arrange for another member to attend the meeting. If there are three members present the Board Liaison is authorized to request the non-liaison Board member to leave.
5. **Selection of Committee Members.**
  - (a) A Notice of Vacancy on the Irrigation Committee shall be posted on the District’s website and social media sites, and must be published in a newspaper of general circulation in the District with instructions for applying, including a deadline for submittal.
  - (b) All applicants who reside within the District boundaries and are current irrigation water customers will be eligible for consideration by the Board.
  - (c) Applications must be submitted by the stated deadline and must include a Statement of

Interest, the number of years as an irrigation water customer, and the area in the District the applicant resides. Applications can be mailed or hand-delivered to the General Manager at the District Office, located at 6425 Main Street, Georgetown, CA 95634, or transmitted by email to [gm@gd-pud.org](mailto:gm@gd-pud.org) or the Board President.

- (d) The General Manager will distribute all applications to the Board of Directors.
- (e) All applicants shall be available for personal comments at the Board of Directors during the selection board meeting.
- (f) The Board of Directors will ask questions of the applicants during the Board meeting and will publicly vote on each applicant to be appointed. In the case where there are more applicants than Committee seats, the Board of Directors will submit their ranking of the applicants to the President after the questioning period and the applicant(s) with the highest number of first place, then second place if needed, etc.. will be selected and announced as the appointee(s).
- (g) Those Irrigation Committee members who resign or who do not renew their two-year commitment shall provide a letter of resignation to the Irrigation Committee Chair, the President of the Board of Directors, and the General Manager.
- (h) The Board of Directors will confirm appointments or resignations by Resolution of the Board.

**6. Role of the Committee.** The primary role of the Committee is to provide recommendations to the Board of Directors (“Board”) from their direction, or in response to Board approved proposals on matters related to the District’s Irrigation water services. Additional mission to be provided by the committee.

- (a) Present all Committee findings and proposals to the Board for approval.
- (b) Accept all projects requested by the Board.

**7. Meetings.** The committee shall meet at least quarterly, and more often if needed or requested by the Board or the Committee. Meetings shall be held at the District’s offices unless otherwise stipulated by an emergency or Executive Order

- (a) At any meeting of the Irrigation Committee, the majority of the members currently appointed shall constitute a quorum for purposes of conducting business or meetings. Unless otherwise posted, a majority vote of those present and voting shall be sufficient to adopt any motion. A quorum cannot be under three (3) public appointed members.
- (b) All meetings of the Committee shall be open and public, and all persons shall be permitted to attend any meeting of the committee as provided by Government Code Section 54950 et seq
- (c) All meetings of the Committee shall be held in the GDPUD offices at 6425 Main Street, Georgetown, CA 95634, unless there is a special need to hold a meeting at a different location.
- (d) The proceedings of all meetings of the Committee shall be conducted in accordance with GDPUD Board Policy Numbers 5000, 5030 and 5040.
- (e) The Committee shall follow the order of business for the conduct of its meetings by the agenda. The order can be changed during the Adoption of the Agenda by majority vote.
- (f) Any meeting may be adjourned to a time and place stated in the Order of Adjournment. Less than a quorum may also adjourn from time to time. If all members are absent, the Secretary may declare the meeting adjourned to a stated time and place and shall cause each notice to be given in the same manner as for special meetings.
- (g) Special meetings may be called at any time at the direction of the Chairperson or by a majority of the Committee. However, scheduling must be coordinated with the General Manager and Board President to ensure there are no conflicts with other scheduled

Committee, Board, County, Regional, or Legislative meetings. A minimum of Forty-Eight hours advance written notice of special meetings shall be provided by the Chairperson to the Board President and General Manager stating the time and business to be transacted. The public shall be notified through the district regular communications and procedures, in accordance with Government Code Section 54950 et seq – At least Twenty-four (24) hours prior to the meeting.

(h) The Committee Secretary shall maintain meeting minutes, including a complete record of all transactions, findings, and determinations, and present a full statement to the General Manager for the Board prior to the next Board meeting. A signed copy of meeting minutes shall be filed with the Staff Liaison.

**8. Terms.** The terms of office shall be two (2) years. Committee members may be reappointed to subsequent terms by providing their letter of intent to the Board and the General Manager, and then the Board voting on the Committee members to be reappointed during a Board meeting.

**9. Removal.** All committee members serve at the will of the Board, and any member may be removed by an affirmative vote of three (3) members of the Board.

**10. Officers.** The committee shall designate from among its members a Chair, Vice-Chair, and Secretary. The Chair shall preside over the meetings, and in the Chair's absence, the Vice-Chair shall preside. If both the Chair and the Vice-Chair are absent, the remaining members, if a quorum exists, shall select from among themselves a person to preside over the meeting. The Board Clerk, or Staff designee, shall prepare agendas and minutes of every meeting and shall be responsible for transmitting the agenda and the final copy of all minutes to the General Manager or designee. Items needing Board action shall be transmitted as soon as possible to the General Manager or designee for inclusion on the next available Board agenda.

**11. Agenda.**

- (a) The General Manager, in cooperation with the Board President and the Chair of the Irrigation Committee, shall prepare an agenda for each regular and special meetings of the Irrigation Committee Meeting in accordance with the Ralph M. Brown Act (California Government Code Section 54950).
- (b) During the last item of the Irrigation Committee agenda before adjournment, a Committee member may bring up items they would like the Committee to review and for what purpose. Requests affirmed by a majority vote of the Committee shall be reported to the Board of Directors by the Committee Chair at the next meeting of the Board of Directors.
- (c) Requests for additional information by Committee members should be directed to the Irrigation Committee Chair. The Chair will provide the Board Liaison with these requests. The requests will then be given and discussed with the General Manager with a copy to the Board President. Only the General Manager can direct staff for reports. Only the Board can direct the General Manager.

**12. Board Reports.** The Committee shall report on its activities to the Board at the following meeting after the Committee meets. The Board Report shall be either oral or written and shall include a description of the activities of the Committee for the proceeding, and any on-going or outstanding activities or tasks. The Board Report will be given at the next Regular Board Meeting by the Irrigation Committee Chair or Vice-Chair. Committee member minutes can be used to satisfy this requirement if the Chair or Vice-Chair is not present at the Board of Directors meeting.