

# **Richmond Water Resources**

Annual Customers Meeting

May 21, 2024

6:00 PM

# Agenda

- Accomplishments of Past Year
- FY2025 Budget and Rates
- Upcoming Projects and Capital Projects
- Discussion of appointments to the Water and Sewer Commission

# Accomplishments & Highlights

- Participated in the Vermont Rural Water Association Apprenticeship Program
- Purchased and installed replacement parts for dewatering press
- Purchased new water meters
- Completed 20-year Wastewater Treatment Facility Study

# Accomplishments & Highlights

- Prepared for and responded to two floods
- Purchased new monitoring system for water system
- Repaired backwash pump
- Cleaned solids out of all holding tanks with the exception of aeration Tank 2 which will be cleaned in spring/summer 2024

# Accomplishments & Highlights

- Received the following awards from Green Mountain Water Environment Association:
  - Michael J. Garofano Water Operator of the Year Award: **Steve Cote**
  - Bob Wood Young Professionals Award: **Brad Snow**
  - Facility Excellence Award for Water: **Richmond Water Resources**
  - Facility Excellence Award for Wastewater: **Richmond Water Resources**

# FY2025 Budget

- Operational spending increasing by \$20,150 for Water; and \$23,926 in Wastewater
- Revenue
  - The Fund Balance / Unrestricted Funds are not utilized in the budget, but some capital costs are coming from unrestricted funds and reserves.
  - Decrease in use of Septage revenue from \$550,000 in FY24 to \$500,000 in FY25

# FY2025 Budget

- Revenue (continued)
  - Increase in Interest Revenue
    - From \$6,000 to \$11,100 in Water
    - From \$14,000 to \$25,900 in Wastewater

# FY2025 Budget

- Notable increases in Water and Wastewater included
  - Increase in health insurance due change in staffing resulting in change in healthcare programs selected



# FY2025 Budget

- Notable increases in Water include
  - Increased contribution to Water Capital Reserve from \$0 to \$10,000
- Notable increases in Wastewater include
  - Added a line for Contracted Operators to pay for licensed Wastewater Operator at \$41,340
- Notable decreases in Wastewater include
  - Reduced Biosolids Chemicals from \$98,100 to \$70,000
  - Reduced Biosolids Disposal from \$160,000 to \$150,000

# FY2025 Budget

- Water Unrestricted Funds:
  - End of FY23 Balance: \$183,780
  - Uses in FY24 Total \$87,840
    - Water Meter Purchase: \$57,840
    - Water System Alarm System: \$15,000
    - Borden St. Shut Off: \$15,000
  - Projected end of FY24 Balance of \$95,940
  - Recommended to keep at least 15% of the next budget in unrestricted funds. Projected balance is 24% of FY25 Budget.

# FY2025 Budget

- Wastewater Unrestricted Funds:
  - End of FY23 Balance: \$366,236
  - Uses in FY24 Total \$128,566
    - December flood recover: \$55,725
    - Water Meter Purchase: \$57,840
    - Clean aeration tanks: \$15,000
  - Projected end of FY24 Balance of \$237,671
  - Recommended to keep at least 15% of the next budget in unrestricted funds. Projected balance is 27% of FY25 Budget.

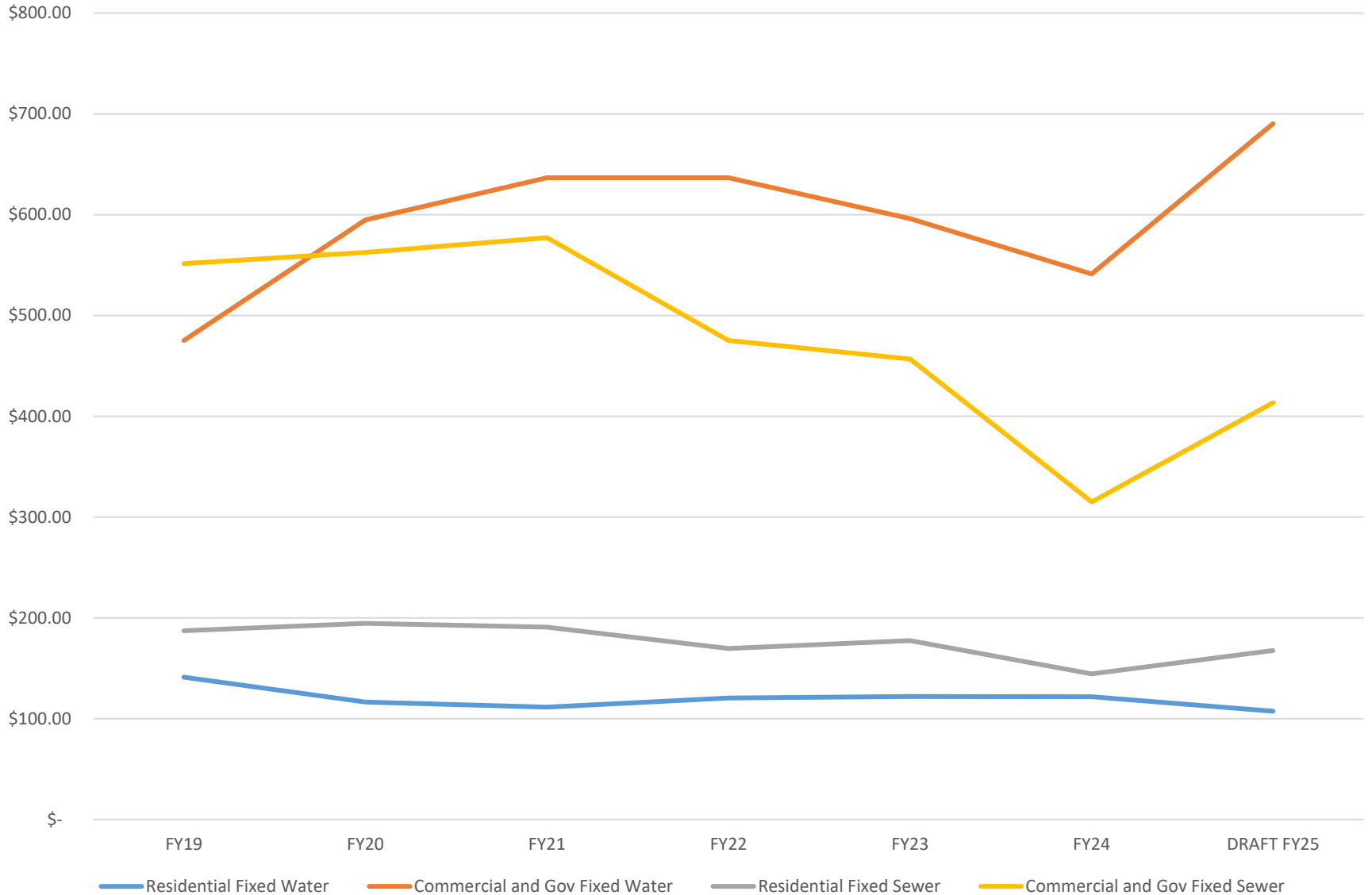
# Water Rates

		Water			
		FY25	FY24	Change FY24 to FY25	
		Fixed per unit. Metered per 1000 gal.	Fixed per unit. Metered per 1000 gal.	Dollar Difference	Percentage Difference
<b>Residential</b>					
	Fixed Rate	<b>\$107.28</b>	\$121.87	-\$14.59	-12.0%
	Metered	<b>\$11.40</b>	\$12.57	-\$1.17	-9.3%
<b>Commercial &amp; Government</b>					
	Fixed Rate	<b>\$690.29</b>	\$541.03	\$149.27	27.6%
	Metered	<b>\$10.59</b>	\$11.68	-\$1.09	-9.3%
<b>School</b>					
	Fixed Rate	<b>\$5,657.37</b>	\$5,390.78	\$266.58	4.9%
	Metered	<b>\$16.85</b>	\$18.72	-\$1.87	-10.0%

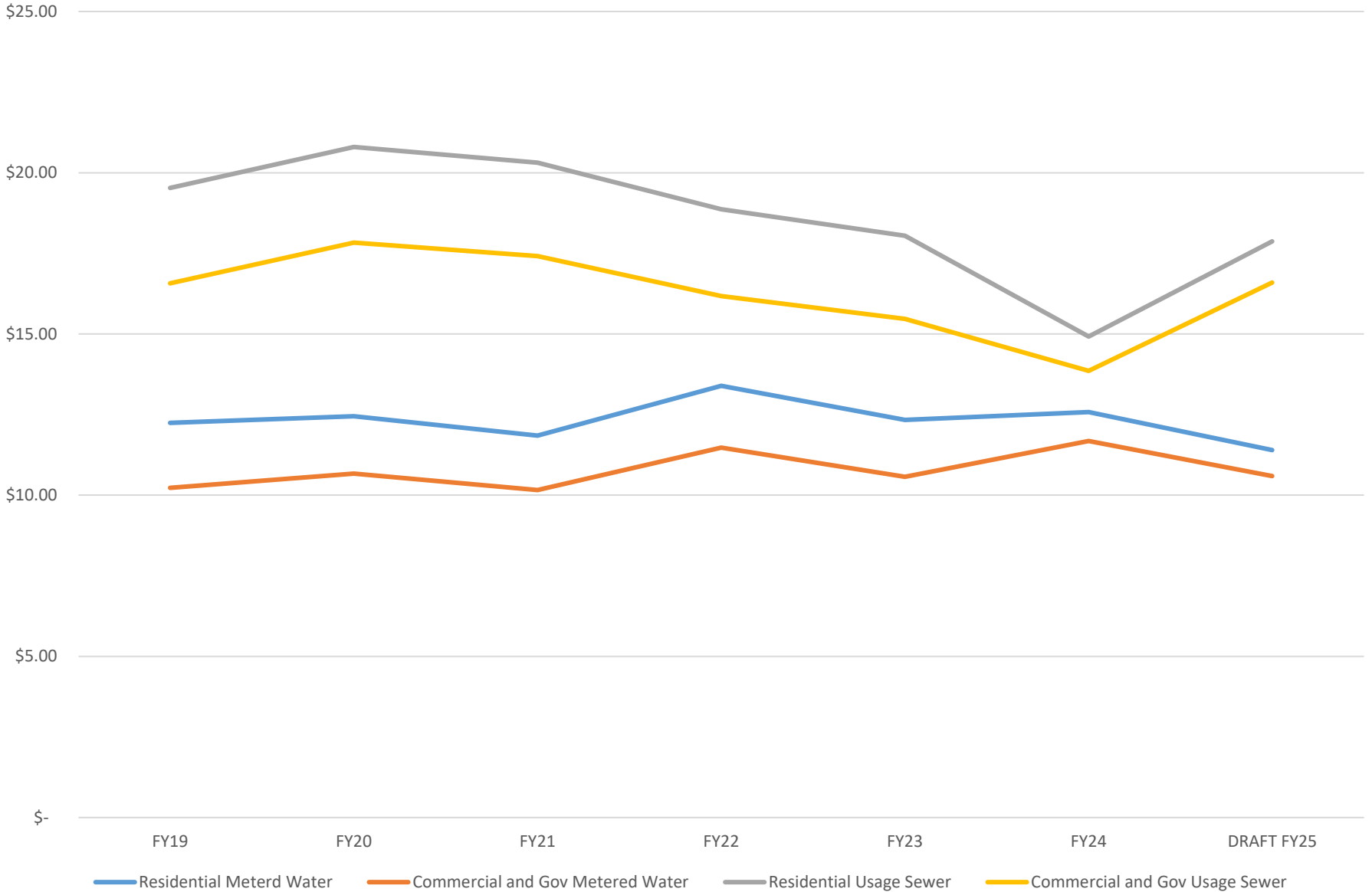
# Wastewater Rates

		Wastewater			
		FY25	FY24	Change FY24 to FY25	
		Fixed per unit. Usage per 1000 gal.	Fixed per unit. Usage per 1000 gal.	Dollar Difference	Percentage Difference
<b>Residential</b>					
	Fixed Rate	<b>\$167.49</b>	\$144.34	\$23.15	16.0%
	Usage	<b>\$17.87</b>	\$14.92	\$2.95	19.8%
<b>Commercial &amp; Government</b>					
	Fixed Rate	<b>\$413.45</b>	\$315.00	\$98.45	31.3%
	Usage	<b>\$16.59</b>	\$13.85	\$2.74	19.8%
<b>School</b>					
	Fixed Rate	<b>\$4,286.24</b>	\$3,068.20	\$1,218.04	39.7%
	Usage	<b>\$12.76</b>	\$10.66	\$2.11	19.8%

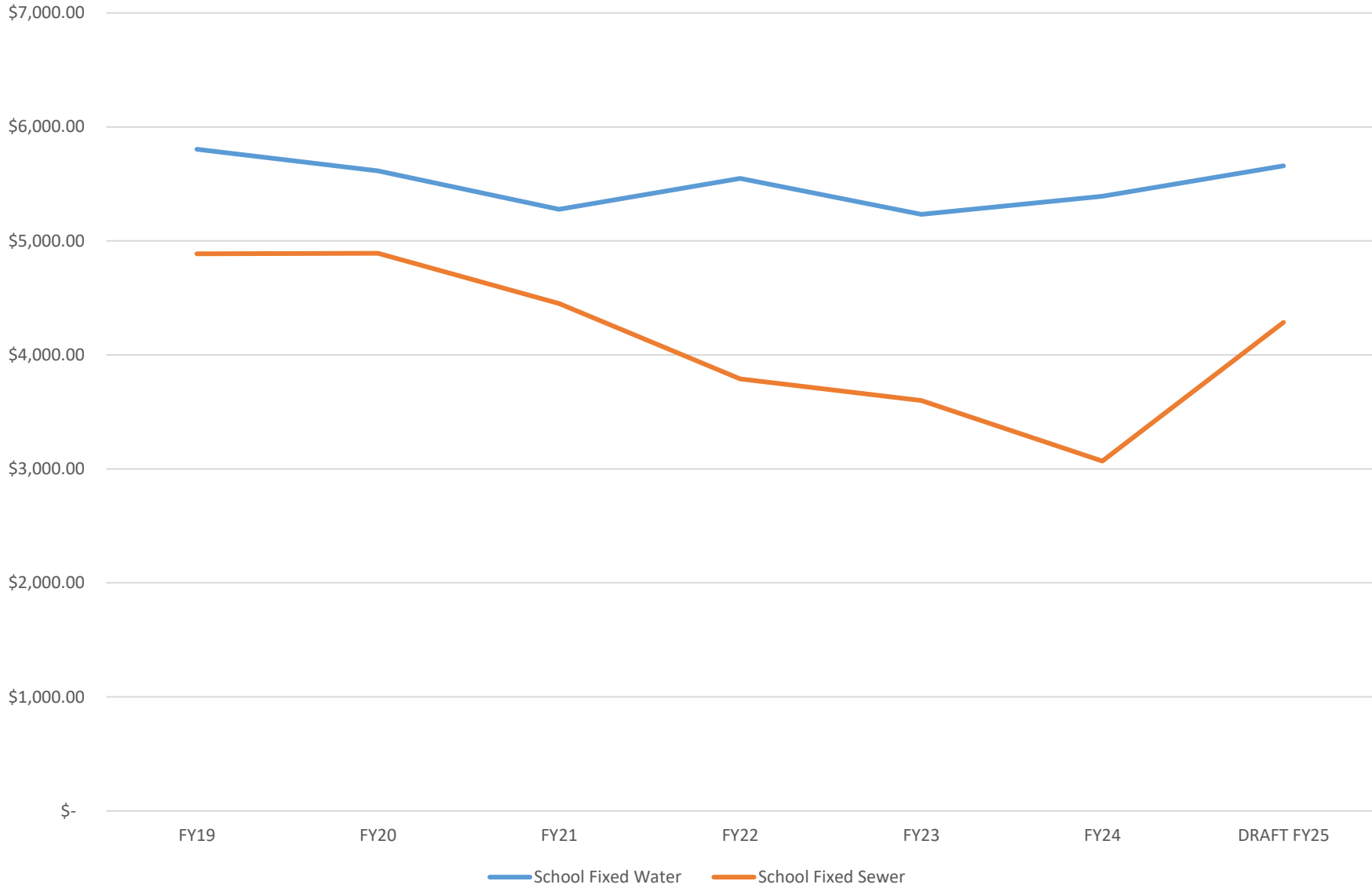
# Residential and Commercial Fixed Rate



# Residential and Commercial Metered/Usage Rate

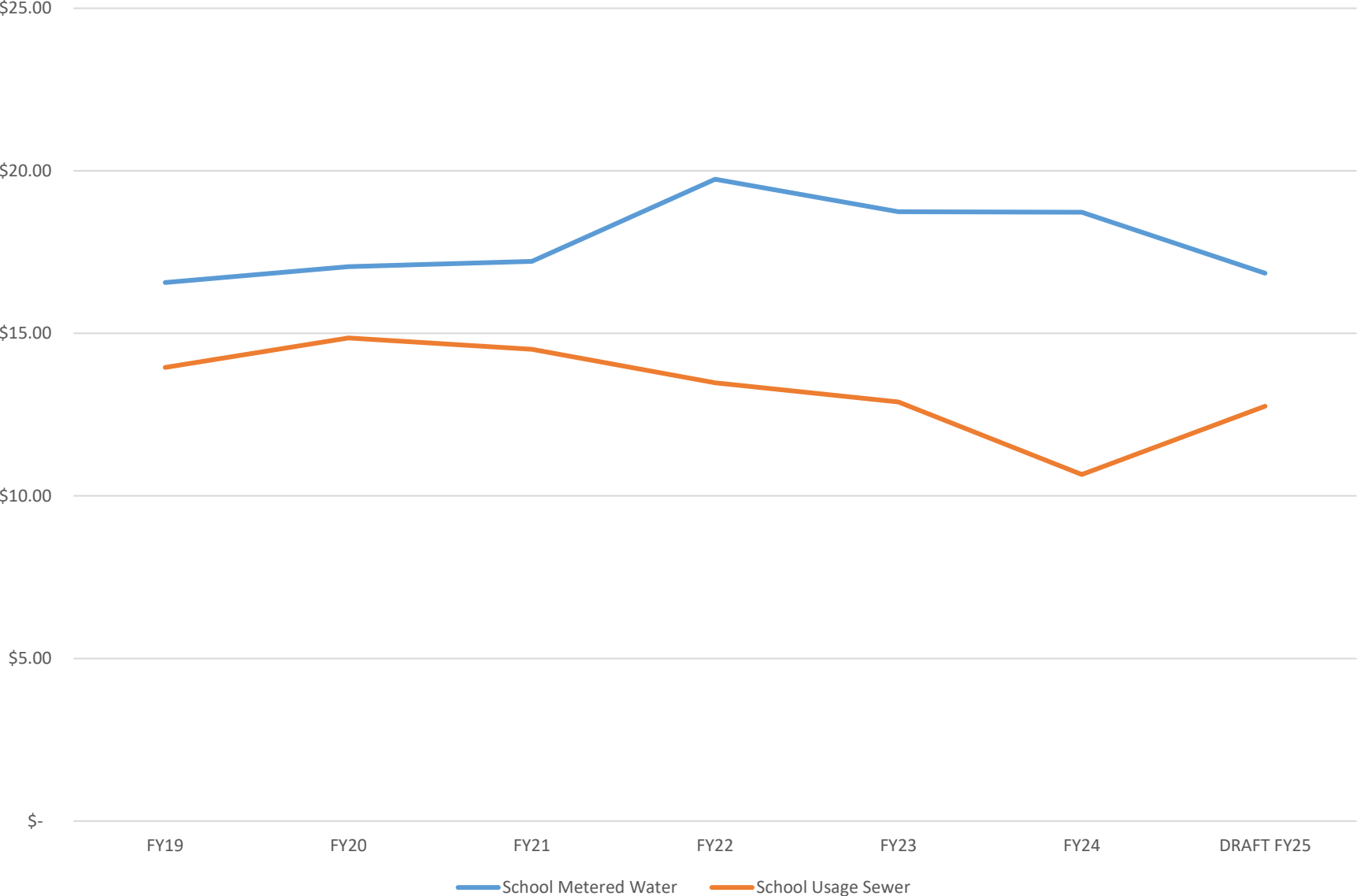


# School Fixed Rate

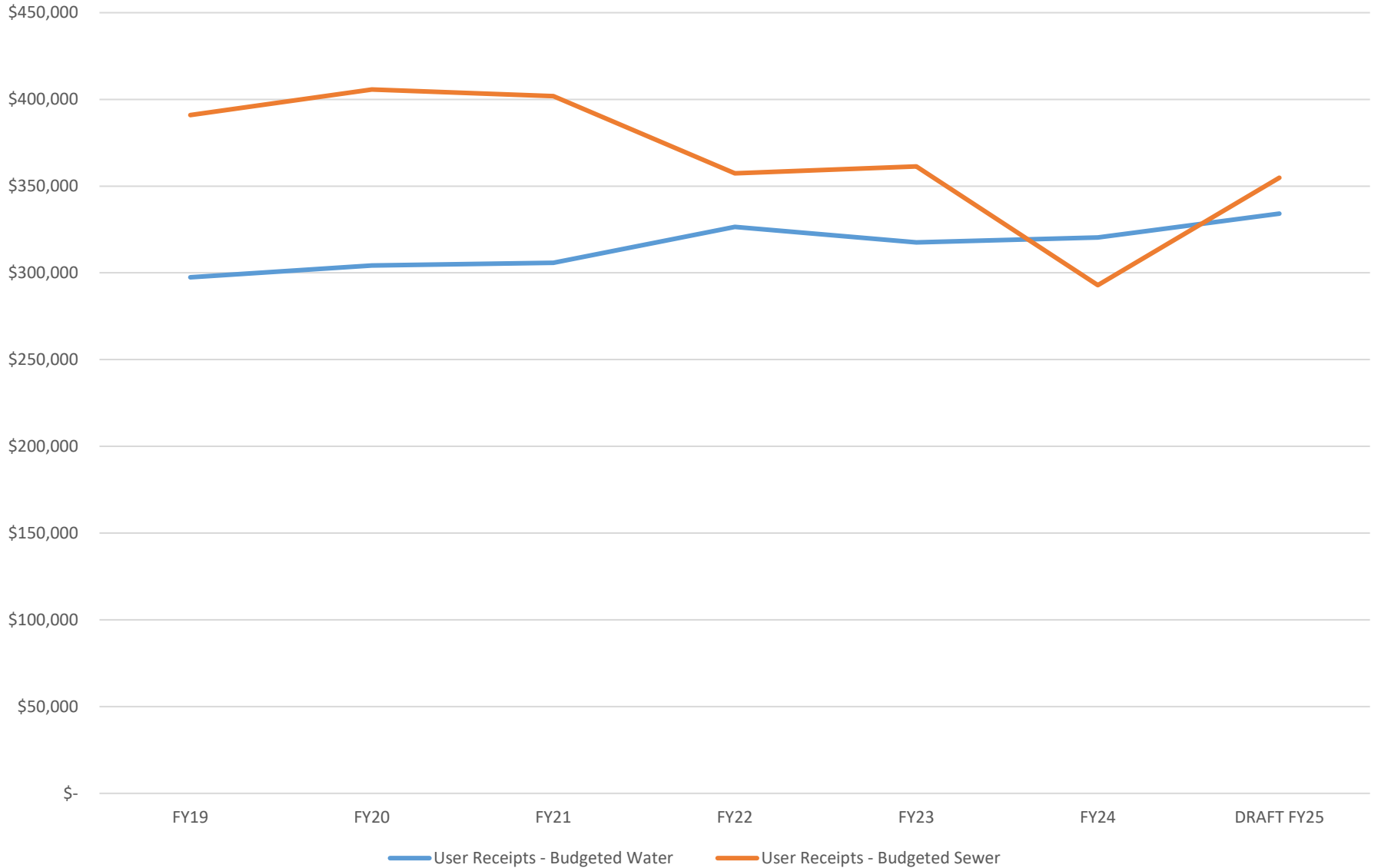




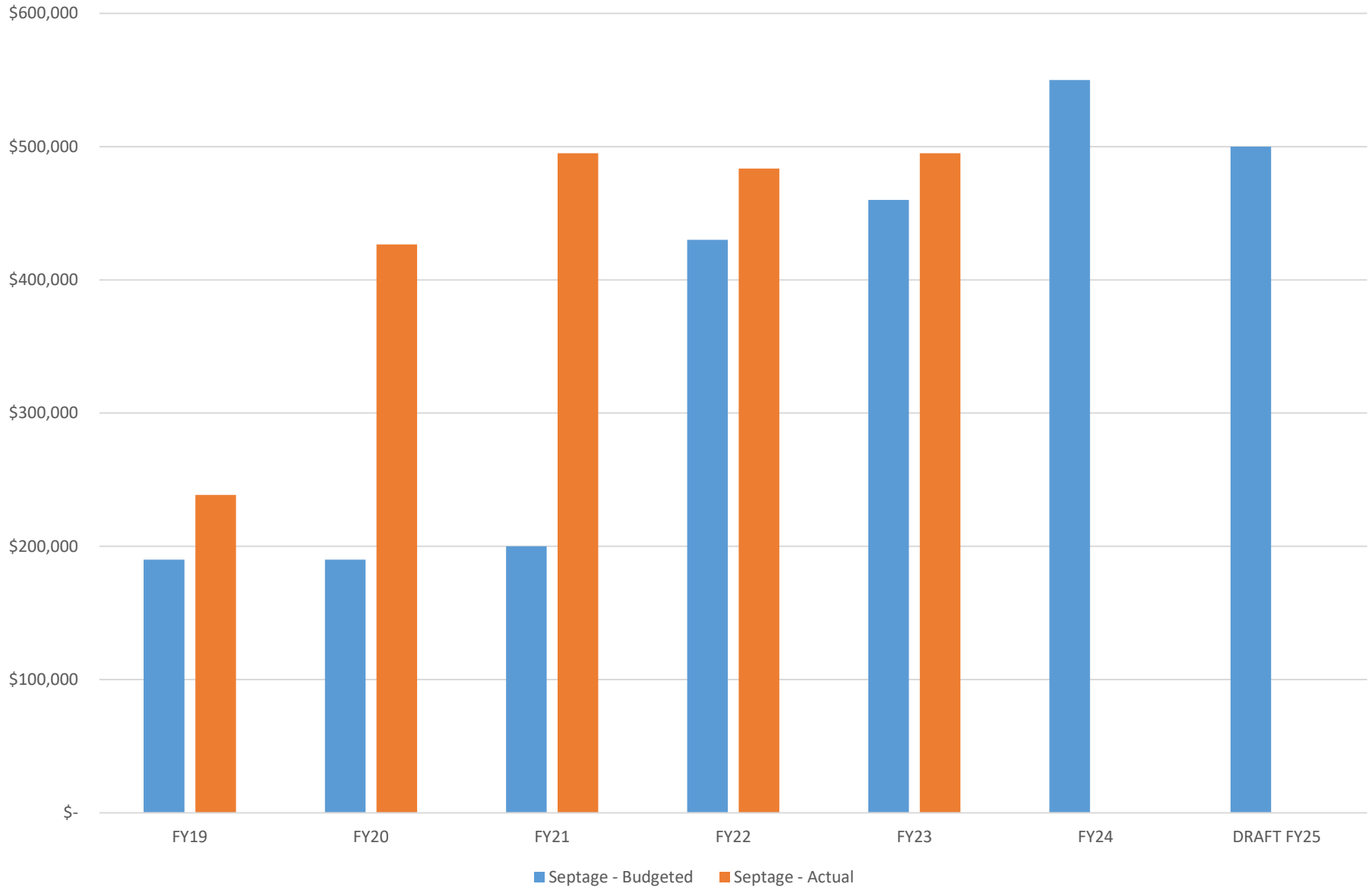
# School Metered/Usage Rate



# Budgeted User Receipts



# Septage Budgeted and Actual



# Near-Term Projects

- Next steps in 20 Year Wastewater Treatment Facility upgrade
- Installation of water meters
- Installation of new influent pump
- Clean grit from aeration Tank #2
- Tilden Ave., Bridge St., Cochran Rd. Waterline Replacement estimated at \$1,808,000

# Projects Under Discussion

- The Gateway Sewer and Water Expansion projects continues to be discussed by the Water and Sewer Commission.

# Financial Impacts – Capital Projects

Impacts to the Water & Sewer Budget from capital projects

- 2006 Treatment Plant Upgrades totaling \$3,740,000
  - Repayment of \$348,378 after subsidy.
  - \$22,220 per year. Final payment in 2026
- 2010 Sewer Lining & Manholes totaling \$445,999
  - Repayment of \$222,999 after loan subsidy at 2% interest.
  - \$14,093 per year. Final payment in 2032
- 2011 Jericho Road totaling \$941,200
  - Repayment at variable rate, decreasing over time
  - \$62,041 budgeted for FY25 between water and wastewater. Final payment in 2032

# Financial Impacts – Capital Projects

- 2018 RFL – 101 planning totaling \$120,810 at 0% interest.
  - \$12,081 per year. Final payment in 2027
- 2016 East Main Street totaling \$1,275,000
  - Repayment at approximately \$25,140 per year, after subsidy. Final payment in 2047

# Financial Impacts – Capital Projects

- 2020 Bridge St. waterline replacement project, (upper Bridge St. and bridge crossing) totaling \$789,228
  - 50% subsidy on the bond
  - Payments are \$9,865 per year. Final payment in 2060
- 2022 Bridge St. waterline replacement project (middle section) totaling 400,000
  - 75% subsidy on the bond
  - Payments are \$2,500 per year. Final payment in 2062



# Financial Impacts – Capital Projects

- 2014/15 Water Storage Tank & Chlorine Project
  - \$1,575,000 bond at -0.7% interest in the Drinking Water State Revolving Fund (DWSRF); \$37,705 per year. This was a negative interest loan but has been restructured to reduce the principal and subsequent payments to achieve the same reduced payback. Final Payment in 2048.
  - \$181,000 GAP loan to cover the portion not eligible for the DWSRF program. \$26,350 per year. Final payment in 2025.

# Open Seats on the Water and Sewer Commission

- Two one-year terms on the Water and Sewer Commission are reserved for customers of the Water and Sewer System
- These seats are appointed by the Selectboard
- Letters of interest are due to the Town Manager by June 1, 2024

# Water Quality & Etc.

We have some of the best drinking water in the state. The Richmond Water Resources Department is proud to serve our town and they do a fine job keeping the system running efficiently and communicating with the public. Thank you Steve, Brad, Mike, and Nate.

Remember, Water Commission meetings are held every 1<sup>st</sup> and 3<sup>rd</sup> Monday at 6:00 pm.