

# 2024 Water and Wastewater Rates

November 13<sup>th</sup>, 2023

Presented by: Peggy Tollett,  
*Director of Finance / Treasurer*



### Ontario

The Ontario logo, which is a stylized trillium flower inside a black circle.

**2000**

- Contamination of Water Supply in Walkerton, ON

**2002**

- Legislation Introduction from the Walkerton Inquiry
  - - Safe Drinking Water Act, 2002
  - - Sustainable Water and Sewage Act, 2002

**2017**

- Drinking Water Quality Management Standard (Version 2.0)

**2017**

- Requirement to Defines Roles and Responsibilities
  - Council
  - Top Management
  - Overall Responsible Operator

## 2024 Water and Wastewater Rates

### York Region – Wholesale Water & Wastewater Rates

Rates per m <sup>3</sup> (\$)	2024 Budget <sup>1</sup>	Outlook		
	01-Apr-24	01-Apr-25	01-Apr-26	01-Apr-27
Water	1.4381	1.4734	1.5088	1.5683
Wastewater	1.9508	2.0273	2.1074	2.1672
<b>Combined</b>	<b>3.3889</b>	<b>3.5007</b>	<b>3.6162</b>	<b>3.7355</b>
<b>Combined Increase (%)</b>	<b>3.30%</b>	<b>3.30%</b>	<b>3.30%</b>	<b>3.30%</b>



# Township Objectives



## Drinking Water

- Distribution of Safe Drinking Water
- Collection of Wastewater



## Fiscal

- Rates that Supports Full Cost Recovery
- Reserve Strategy
- Dedicated Infrastructure Funding for Asset Management
- Capital funding for infrastructure replacement







# Variable Rate

November 13th, 2023

# KING | Township Billing Details

The water and wastewater rates that are charged to the users on a quarterly basis consists of **two components**:

up to 73m<sup>3</sup> per Quarter  
from 74m<sup>3</sup> to 105m<sup>3</sup> per Quarter  
over 105m<sup>3</sup> per Quarter

## Variable Water/Sewer Use Charges

- Calculated on the basis of water consumption in cubic meters.
- Based on a tiered system.

## Fixed Water/Sewer Maintenance Charges

- Ensure a base level of funding is available to support life cycle maintenance of infrastructure assets.
- Based on the size of the pipe going to the property.





# Proposed Changes – Council Requests

## Removing Tier pricing for Residential Condominiums

- Based on the units and usage they should be on Tier 1
- Due to the fact only one pipe goes into the property – Only one bill gets issued
- Condominium Boards then invoice each unit separately for water based on one bill
- Removing tier pricing will significantly reduce condominium owners water charge
- The cost will need to be recovered by the overall rate

### Condominiums Benefitting:

149 Church Street (113 Units)
32 Church Street (59 Units)
80 Burns Blvd (129 Units)
25 Wilson Road (34 Units)
90 Dew Street (66 Units)

Overall Impact is \$110,000 or  
0.20 per Cubic Meters

# Proposed Changes – Council Requests

Period	Months	Period	Months
1	Jan - Mar	1	Jan-Feb
2	Apr - Jun	2	Mar-Apr
3	Jul - Sept	3	May-Jun
4	Oct-Dec	4	Jul - Aug
		5	Sept-Oct
		6	Nov-Dec

Overall impact split between water and wastewater for \$69,000 or 0.12 per Cubic Meters

- **Billing Cycle Changes from 4 to 6**
- Provides opportunities to residents for cash management
- Creates smaller bills per cycle
- More manageable bills for residents



# Flat Rate Charge

	Water		Wastewater	
	2023	2024	2023	2024
<b>Flat Rate per billing cycle</b>				
Units (non-metered service)	\$ 187.51	\$ 421.91	\$ 254.81	\$ 573.32

- In cases where the property owner does not allow staff to fix the meter, and actual consumption is unknown, a 'Flat Fee' from \$442.32 to \$995.23 per billing cycle will be charged. (Bi-Monthly)
- The Flat Fee to act as an incentive for the owner to call the Town and have the meter fixed.
- If the property owner allows the Township to fix the meter before the next billing, Staff will use the fixed meter to correct the bill based on the actual consumption read.



# Township of King

## 2024 Water and Wastewater Rates

Consumption / Charge Per Cubic meter	2023	2024
	Water & Wastewater	
Water Rate by Tier	per m <sup>3</sup>	per m <sup>3</sup>
Tier 1 – 0 to 73 m <sup>3</sup>	\$ 2.00	\$ 2.11
Tier 2 – 74 m <sup>3</sup> to 105 m <sup>3</sup>	\$ 3.46	\$ 3.65
Tier 3 – over 105 m <sup>3</sup>	\$ 4.49	\$ 4.74
Wastewater Rate	\$ 2.55	\$ 2.60

# Combined rate for Water and Wastewater by Tier – Overall Increase is 3.5%

<b>Combined Rate Water and Wastewater</b>	<b>2023</b>	<b>2024</b>
Tier 1: up to 73 m <sup>3</sup>	\$ 4.55	\$ 4.71
Tier 2: 74m <sup>3</sup> to 105m <sup>3</sup>	\$ 6.01	\$ 6.24
Tier 3: over 105 m <sup>3</sup>	\$ 7.04	\$ 7.33



# Fixed Rate

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November 13th, 2023







# Township of King

		Water		Wastewater	
Meter Size	Size	2023 Quarterly Base Charge	Proposed 2024 Quarterly Base Charge	2023 Quarterly Base Charge	Proposed 2024 Quarterly Base Charge
<b>System Base Maintenance Charge per Quarter</b>					
5/8" or 3/4"	<1.5"	\$69.74	\$69.74	\$103.76	\$103.76
1"					
1.5"					
2"	2"	\$194.28	\$194.28	\$277.48	\$277.48
3"	>3" - 5"	\$447.74	\$447.74	\$441.25	\$441.25
4"					

**NO CHANGE PROPOSED OR INCREASE**

NEW – Fixed rate for pipe sizes greater than 6”

- Based on the cost to replace future infrastructure
- Impacts only 6 Properties

Meter Size	Size	Water		Wastewater	
		2023 Quarterly Base Charge	Proposed 2024 Quarterly Base Charge	2023 Quarterly Base Charge	Proposed 2024 Quarterly Base Charge
<b>System Base Maintenance Charge per Quarter</b>					
6”	> 6”	\$447.74	\$869.00	\$441.25	\$950.00
8”					



# Township of King

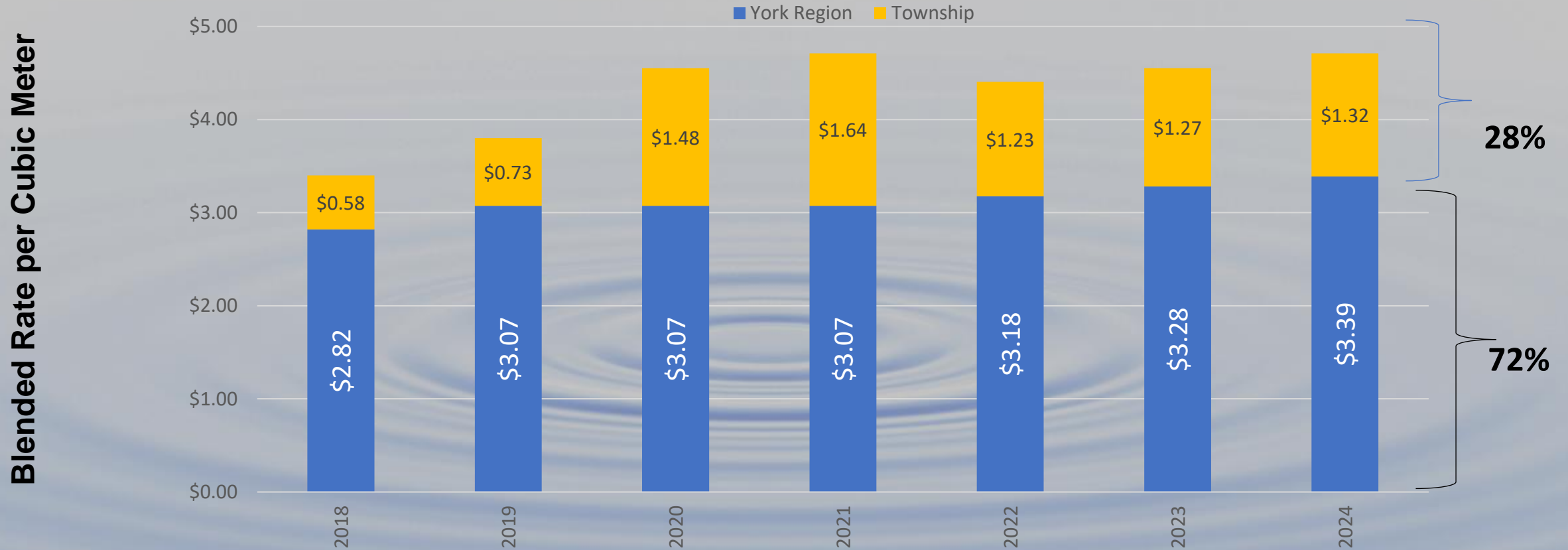
Combined  
cost for fixed  
maintenance  
cost:

Combined Rate Water and Wastewater	Size	Quarterly	Bi-Monthly
5/8" or 3/4"	<1.5"	\$ 173.50	\$ 115.67
1"			
1.5"			
2"	2"	\$ 471.76	\$ 314.51
3"	>3" - 5"	\$ 888.99	\$ 592.66
4"			
6"	> 6"	\$ 1,819.00	\$ 1,212.67
8"			



# 2024 Water and Wastewater Rates

Blended Water & Wastewater Rates (2018-2024)





# Assumptions Used for Forecast

- Asset Management Assumptions (Water and Wastewater)
  - Based on the Watson Study from 2021
  - Including \$1,050,000 for Water and \$900,000 Wastewater
- The 2024 Operating Budget for Water and Wastewater
- 10-Year Capital Plan



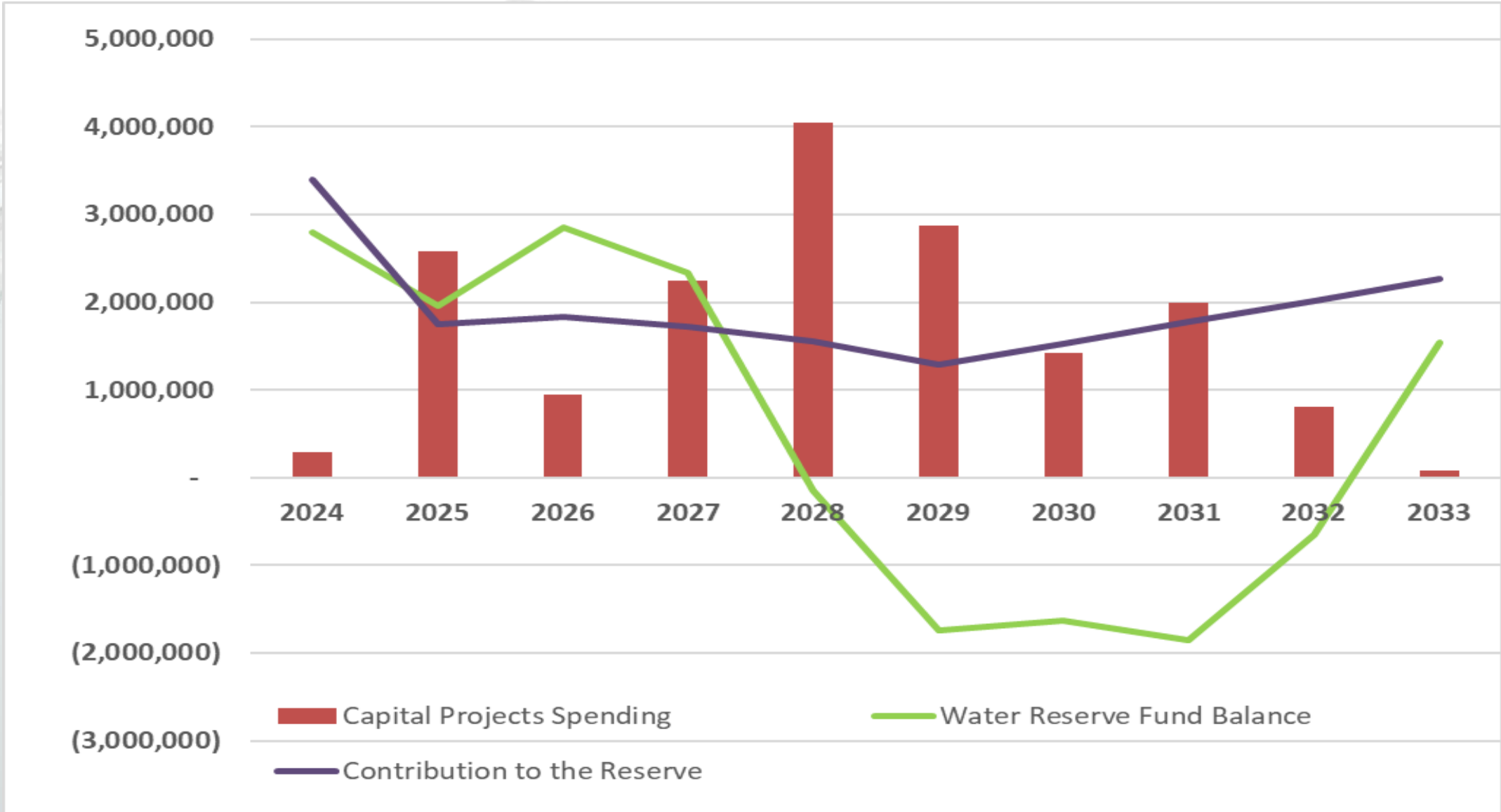
# Water & Wastewater Capital Plan

For **2024 Budget** the following projects will be funded from the water and wastewater rate in 2024:

- **\$50,000 Water and Wastewater Study – To identify current and future water & wastewater capacity needs and methods of cost recovery**
- **\$47,500 Fleet Replacement Vehicle for Water (Replacement of 2016 Pick up truck)**
- **\$215,000 Watermain Replacement – Nobleton (Parkview Drive, Crestview Road, Janet Avenue, Lynwood Crescent, and Elizabeth Drive) \$2,600,000 split over 2025/2026**
- **\$150,000 Inflow and Infiltration Reduction York Region Partnership**
- **\$250,000 Supervisory Control and Data Acquisition (SCADA)**

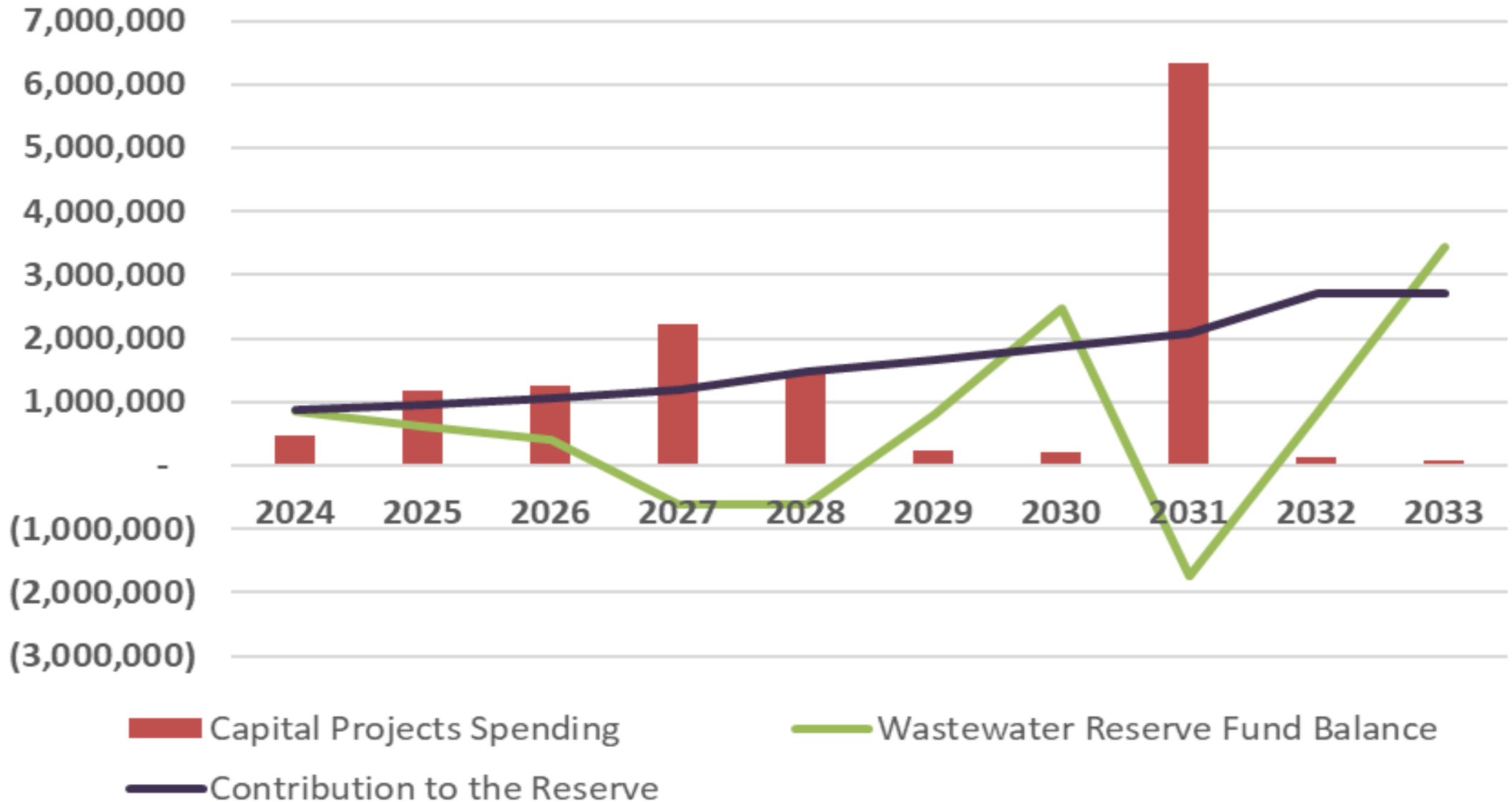


# Water Reserve Forecast





# Wastewater Reserve Forecast







**What is the Impact  
on the Average  
Consumer?**



# Impact to Average Household



Based on using Tier 1 limit Cubic Meters  
of Consumption per year

270

270

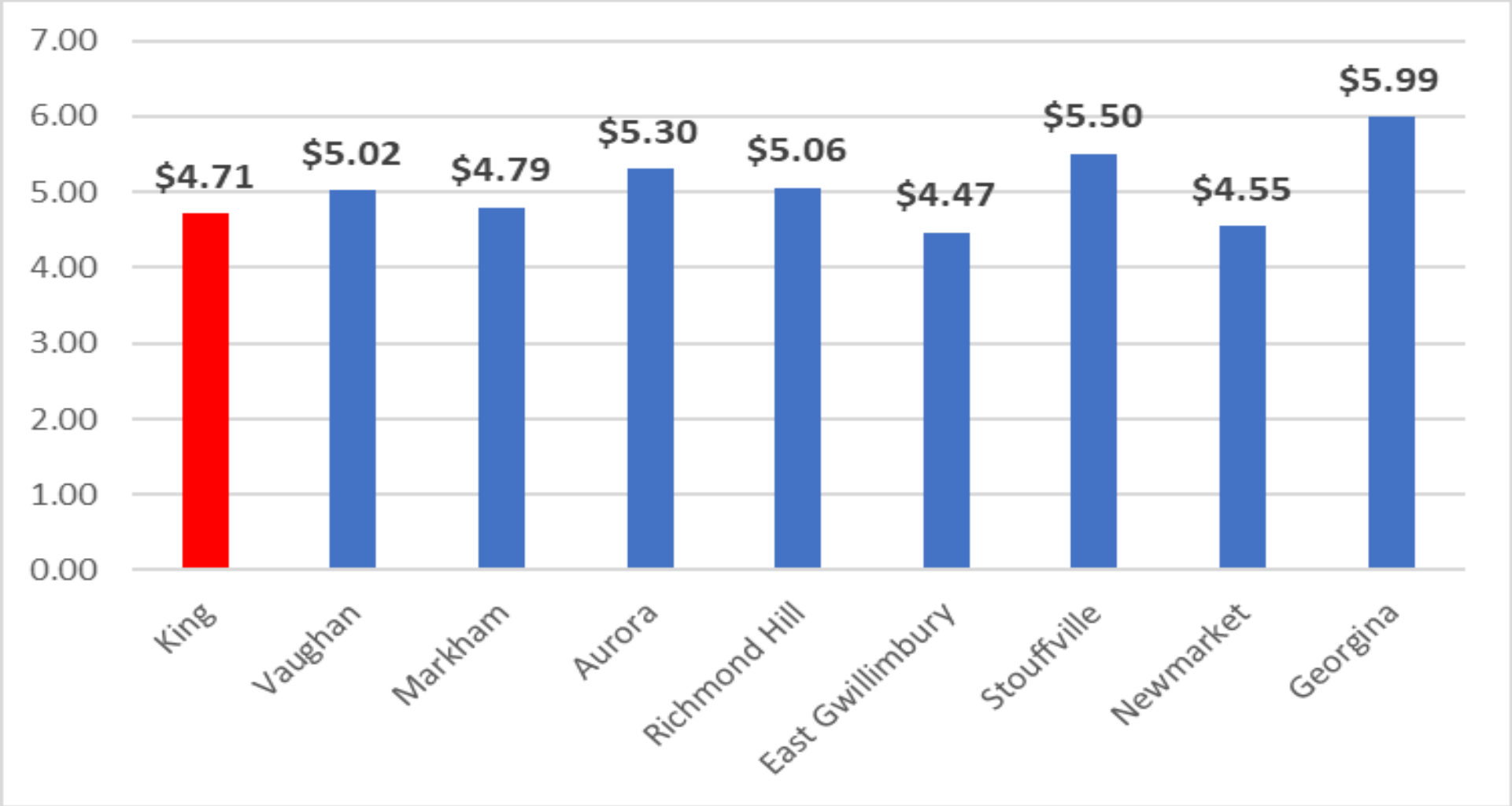
	<b>2023</b>	<b>2024</b>	<b>Increase (\$)</b>	<b>Increase (%)</b>
Water & Wastewater Rate per Cubic Meter	\$ 1,228.50	\$ 1,271.55	\$ 43.05	3.50%
Base Annual Maintenance Charge (Per Year)	\$694.00	\$694.00	\$ -	0.00%
<b>Total Annual Water &amp; Wastewater</b>	<b>\$ 1,922.50</b>	<b>\$ 1,965.55</b>	<b>\$ 43.05</b>	<b>2.24%</b>





# Local Municipalities

## Water and Wastewater Rates Comparison (Variable rate only)



2023 Rates for ALL other municipalities except for King (Includes proposed increase)



**Questions?!**