WSA QUARTERLY SAMPLE BILL BASED ON 5/8" WATER METER 11,000 GALLONS OF USAGE (LESS THAN 12,000 GALLONS)

\$2.52 - Old Water Rate \$3.28 - NEW Water Rate (30% Increase) \$3.01 - Old Sewer Rate \$4.06 - NEW Sewer Rate (35% Increase)

- Quarterly Customer Charge For 5/8" Meter Size (Quarterly Usage Charge Less Than 12,000 Gallons) = \$35.38 (Water)
- Quarterly Customer Charge
 (Quarterly Usage Charge Less Than 12,000 Gallons) = \$71.19 (Sewer)
- Old Water Rate: 11,000 Gallons x \$2.52 = 27,720 ÷ 1,000 = \$27.72 + \$35.38 = \$63.10
- Old Sewer Rate: 11,000 Gallons x \$3.01 = 33,110 ÷ 1,000 = \$33.11 + \$71.19 = \$104.30
- \$63.10 (Old Water Rate) + 104.30 (Old Sewer Rate) = \$167.40 (Old Bill Rate Total)
- New Water Rate: 11,000 Gallons x \$3.28 = 36,080 ÷ 1,000 = \$36.08 + \$35.38 = \$71.46
- New Sewer Rate: 11,000 Gallons x \$4.06 = 44,660 ÷ 1,000 = \$44.66 + \$71.19 = \$115.85
- \$71.46 (New Water Rate) + \$115.85 (New Sewer Rate) = \$187.31 (New Bill Rate Total)

Sample Old Rate Bill

Sample New Rate Bill

Account Summary		Account Summary	
Previous Balance	167.40	Previous Balance	167.40
Payment	-167.40	Payment	-167.40
Balance Forward	0.00	Balance Forward	0.00
Current Quarterly Charges		Current Quarterly Charges	
Water Charge	63.10	Water Charge	71.46
Sewer Charge	104.30	Sewer Charge	115.85
Interest Charges		Interest Charges	
Water Interest	0.00	Water Interest	0.00
Sewer Interest	0.00	Sewer Interest	0.00
Miscellaneous Charges/Credits		Miscellaneous Charges/Credits	
Miscellaneous Charges	0.00	Miscellaneous Charges	0.00
Adjustments/Credits	0.00	Adjustments/Credits	0.00

^{**} NOTE: PLEASE GO TO THE TOWN WEBSITE UNDER WATER AND SEWER AUTHORITY FOR SUPPORTING DOCUMENTS TO PROVIDE FURTHER EXPLANATION.

^{**} Difference from Old Bill Rate to New Bill Rate: \$187.31 - \$167.40 = \$19.91 Per Quarter \$19.91 x 4 (Quarters) = \$79.64

WATER COMPARISON BASED ON CURRENT RATES

Waterbury's Unit for Billing is Cubic Feet. Waterbury Bills Per 100 Cubic Feet (CCF) which equals **748** Gallons.

WSA's (Watertown) Unit for Billing is Gallons. WSA Bills Per 1,000 Gallons.

> 1,000 Gallons minus (-) 748 Gallons Equals (=) 252 Gallons.

252 Gallons is the Number of Extra Gallons needed to have a straight Cost-Comparison between how Waterbury and WSA Bills for 1,000 Gallons.

Waterbury Currently Charges WSA **\$2.650** Per CCF (**748** Gallons) of Water Usage, and an Additional **\$0.265** (10%) Per CCF (**748** Gallons) of Water Usage.

➤ How much would Waterbury Charge WSA Per **252** Gallons?

Solution: \$2.650 + \$0.265 = \$2.915

\$2.915 x 252 Gallons = \$734.58

\$734.58 ÷ 748 Gallons = \$0.982

Answer: The Cost for that 252 Gallons is \$0.982.

What is the Total Dollar Amount Waterbury would Charge for 1,000 Gallons?

Answer: (\$2.650 + \$0.265) = \$2.915 + \$0.982 = \$3.897 Per 1,000 Gallons

Waterbury would charge WSA \$3.897 per 1,000 Gallons of Water Usage including the 10% charge if they billed per 1,000 Gallons.

$$\frac{2.915}{748} = \frac{x}{252}$$

$$2.915 \times 252 = 734.58$$

$$748x = 734.58$$

$$\frac{748x}{748} = \frac{734.58}{748}$$

$$x = 0.982$$

2.915 + 0.982 =\$3.897 Per 1,000 Gallons

Waterbury Water Rate Per 1,000 Gallons would be \$3.897

2020–2023 WSA Water Quantity Usage Rate was \$2.52 Per 1,000 Gallons

New WSA Water Quantity Usage Rate \$3.28 (30% Increase) Per 1,000 Gallons

Waterbury \$3.897 Minus (-) WSA \$3.28 Equals (=) \$0.617 Per 1,000 Gallons

There is still a difference of -\$0.617 Per 1,000 Gallons from the New WSA Water Quantity Usage Rate (\$3.28) compared to a Waterbury Water Rate (\$3.897)

SEWER COMPARISON BASED ON CURRENT RATES

Waterbury's Unit for Billing is Cubic Feet. Waterbury Bills Per 100 Cubic Feet (CCF) which equals **748** Gallons.

WSA's (Watertown) Unit for Billing is Gallons. WSA Bills Per 1,000 Gallons.

> 1,000 Gallons minus (-) 748 Gallons Equals (=) 252 Gallons.

252 Gallons is the Number of Extra Gallons needed to have a straight Cost-Comparison between how Waterbury and WSA Bills for 1,000 Gallons.

Waterbury Currently Charges WSA \$2.472 Per CCF (748 Gallons) of Sewer Usage, and an Additional \$1.481 CRC (Capitol Recovery Charge) Per CCF (748 Gallons) of Sewer Usage.

➤ How much would Waterbury Charge WSA Per 252 Gallons?

\$2.472 x 252 Gallons = \$622.944 \$1.481 x 252 Gallons = \$373.212 \$622.944 + \$373.212 = \$996.156 \$996.156 ÷ 748 Gallons = \$1.332

Answer: The Cost for that 252 Gallons is \$1.332.

What is the Total Dollar Amount Waterbury would Charge Per 1,000 Gallons?

Answer: \$2.472 + \$1.481 + \$1.332 = \$5.285 Per 1,000 Gallons

Waterbury would charge WSA \$5.285 per 1,000 Gallons of Sewer Usage & CRC if they billed per 1,000 Gallons.

$$\left(\frac{2.472}{748} = \frac{x}{252}\right) + \left(\frac{1.481}{748} = \frac{x}{252}\right)$$

$$(2.472 \times 252 = 622.944) + (1.481 \times 252 = 373.212)$$

$$(748x = 622.944) + (748x = 373.212)$$

$$\left(\frac{748x}{748} = \frac{622.944}{748}\right) + \left(\frac{748x}{748} = \frac{373.212}{748}\right)$$

$$(x = 0.833) + (x = 0.499)$$

$$2.472 + 1.481 + (0.833 + 0.499) \cdot 1.332 = \$5.285 \text{ Per } 1,000 \text{ Gallons}$$

2.472 + 1.461 + (0.855 + 0.499) 1.552 = \$5.265 Per 1,000 Gallons

Waterbury Sewer Usage & CRC Rate Per 1,000 Gallons would be \$5.285

2020–2023 WSA Sewer Quantity Usage Rate was \$3.010 Per 1,000 Gallons

New WSA Sewer Quantity Usage Rate \$4.064 (35% Increase) Per 1,000 Gallons

Waterbury \$5.285 Minus (-) WSA \$4.064 Equals (=) \$1.221 Per 1,000 Gallons

There is still a difference of -\\$1.221 Per 1,000 Gallons from the New WSA Sewer Quantity Usage Rate (\\$4.064) compared to a Waterbury Sewer & CRC Rate (\\$5.285)