

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.

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

$$2.915 \times 252 = 734.58$$

$$748x = 734.58$$

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

$$x = 0.982$$

$$2.915 + 0.982 = \mathbf{\$3.897}$$
 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?

Solution: $\$2.472 \times 252 \text{ Gallons} = \622.944

$$\$1.481 \times 252 \text{ Gallons} = \$373.212$$

$$\$622.944 + \$373.212 = \$996.156$$

$$\$996.156 \div 748 \text{ Gallons} = \$1.332$$

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.

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

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

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

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

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

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

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**)**