How to Calculate a Residential Water & Wastewater Bill

Trying to calculate your bill can be difficult at times since you may not know exactly how it is done. Here is guide to help you calculate your residential bill with ease.

Your bill is separated into 6 main charges:

1) **Water Use -** *Rates for the number of gallons you use. See Residential charts below (Single Family, Duplex, and Triplex). The more water you use, the higher the rate will be. This is to help with water conservation.*
2) **Water Service –** *A standard charge for the cost to maintain the water mains. We use our standard 30.417 days per month (365-days divided by 12-months), and then prorate that with the actual amount of days covered in the monthly bill.*
3) **Public Fire Protection –** *This is a standard charge to supply volumes for firefighting. Again, we use our standard 30.417 days per month, and then prorate that with the actual amount of days covered in the monthly bill.*
4) **Return Flow Use** – *A charge that changes with the gallons of water you use. The Utility is required to return each gallon of water used to the surface water source once the related wastewater is fully treated.*
5) **Wastewater Use –** *A charge that changes with the gallons of water you use.*
6) **Wastewater Service** – *This is a standard charge for the cost to treat the wastewater you use. We use our standard 30.417 days, and then prorate that with the actual amount of days covered in the monthly bill.*

EXAMPLE: Ben has a single-family home and used **5,000** gallons in the month. He has a 5/8" meter and lives in the city. This bill covered 30 days. Let's calculate his monthly bill. Give his water consumption, he has ***TWO*** rates to use for calculating his Water Use Charge.

1) Water Use:

3,333 gallons/30.417=109.5769 5,000 – 3,287= 1,713 gallons
109.5769 x 30 days = 3,287 1,713 x ($10.36 ÷ 1,000) = **$17.75**
3,287 x ($7.98 ÷ 1,000) = **$26.23**

$26.23 + $17.75 = $43.98 ***(See tables to right)***

2) Water Service:

*(The **actual** # of days for this month is 30, not 30.417)*
$20.00 ÷ 30.417 x 30 = **$19.73**

3) Public Fire Protection:

*(The **actual** # of days for this month is 30, not 30.417)*
$15.01 ÷ 30.417 x 30 = **$14.80**

4) Return Flow Use:

5,000 x ($4.83 ÷ 1,000) = **$24.15**

5) Wastewater Use:

5,000 x ($10.94 ÷ 1,000) = **$54.70**

6) Wastewater Service:

*(The **actual** # of days for this month is 30, not 30.417)*
$7.22 ÷ 30.417 x 30 = **$7.12**

Rates:

Water Usage Fees per 1,000 Gallons
Residential
Rates Effective 10/1/24

Single Family		Duplex		Triplex	
Amount	Gallons	Amount	Gallons	Amount	Gallons
$ 7.98	0-3,333	$ 9.33	0-6,667	$ 9.33	0-6,667
10.36	3,334-10,000	12.34	6,668-11,667	12.34	6,668-20,000
13.21	Over 10,000	15.68	Over 11,667	15.68	Over 20,000

Service Charge All Customers – 30.417 Days		**Public Fire Protection**	
Meter Size	Amount	Meter Size	Amount
5/8"	$20.00	5/8"	$15.01
3/4"	$20.00	3/4"	$15.01
1"	$33.00	1"	$37.50

Wastewater/Return Flow Rates
Effective January 1, 2026

	City	Outside
Service Charge – Metered	$ 7.22	$ 7.22
Rate per 1,000 Gallons	10.94	14.64
Unmetered Fixed Charge	109.44	146.44
Return Flow Rate per 1,000 Gallons	4.83	4.83
Return Flow Unmetered Fixed Charge	48.30	48.30

TOTAL UTILITY CHARGES: $164.48

****If you have any questions, please give us a call! 262-521-5272****