CITY OF WARREN, MICHIGAN
WATER & SEWER SYSTEM
CALCULATING YOUR WATER BILL

Residential water bills are composed of five basic charges. There is a Water Usage Charge and Sewer Usage Charge both based on the amount of water registered by your water meter. There is a State-Mandated Fee charge based on sewer consumption only. In addition there is a Meter Service Charge and a Sewer Service Charge, both based on the size of the water meter.

To follow the calculations on your water bill you need the following information:

1 Amount of water used
2 Water, waste water and state-mandated fee consumption based rates
3 Size of meter in service at your home or place of business
4 Water & sewer fixed charge rates

Amount of Water Used:

The amount of water used is shown in the "CURRENT BILL DETAILS" section on the RIGHT side of the bill.
Total Billable Usage is expressed in 100 cubic foot units. Each unit is equal to approximately 750 gallons.
There is a minimum charge of 2 units or 200 cubic feet per month.

Size of Meter Service:

"Meter Size" is indicated on the upper left side of the bill.

The current rates in effect for usage on and after July 1, 2026 are as follows:

Water & Waste Water consumption based rates:

Water Usage:	$5.642 per 100 cubic feet	Sewer Usage:	$4.407 per 100 cubic feet
(includes $.05 cross connection fee)		State-Mandated Fee:	$0.959 per 100 cubic feet

Water & sewer fixed charge rates:

	Meter Service Charge				Sewer Service Charge		
Meter size =	5/8"	$	0.84	Meter size =	5/8"	$	2.03
	3/4"	$	1.68		3/4"	$	4.06
	1"	$	3.36		1"	$	8.12
	1 - 1/2"	$	8.40		1 - 1/2"	$	20.30
	2"	$	21.00		2"	$	50.75
	3"	$	37.80		3"	$	91.35
	4"	$	75.60		4"	$	182.70
	6"	$	142.80		6"	$	345.10
	8"	$	252.00		8"	$	609.00
	10"	$	420.00		10"	$	1,015.00
	12"	$	840.00		12"	$	2,030.00

Almost 90% of all meters in service are 5/8" meters. Almost all meters above the size of 1" are servicing commercial or industrial accounts.
Service charges (those based on meter size) are the same for all classes of users.
Commercial and industrial accounts pay additional fees for the management of a cross-connection program and the administration of the industrial pretreatment program. These additional fees are incorporated into the consumption based rates charged to commercial and industrial customers. The current commercial and industrial consumption rates are as follows:

Water Usage:	$5.792 per 100 cubic feet	Sewer Usage:	$4.8367 per 100 cubic feet
		State-Mandated Fee:	$0.9590 per 100 cubic feet

Water Bill Calculation Examples:

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Account type: **Residential - R**
Meter size: **5/8"**
Billable Usage: **7**

Water consumption charge equals usage times current residential rate (7 x $5.6420)	$	39.49
Water service charge for 5/8" meter		0.84
Sewer consumption charge equals usage times current residential rate (7 x $4.4070)		30.85
Sewer service charge for 5/8" meter		2.03
State-mandated fee charge equals usage times current residential rate (7 x $0.9590)		6.71
Total Water Bill	$	79.92

Account type: **Residential - R**
Meter size: **5/8"**
Billable Usage: **10**

Water consumption charge equals usage times current residential rate (10 x $5.6420)	$	56.42
Water service charge for 5/8" meter		0.84
Sewer consumption charge equals usage times current residential rate (10 x $4.4070)		44.07
Sewer service charge for 5/8" meter		2.03
State-mandated fee charge equals usage times current residential rate (10 x $0.9590)		9.59
Total Water Bill	$	112.95

Account type: **Industrial - I**
Meter size: **1"**
Billable Usage: **10**

Water consumption charge equals usage times current com/indst rate (10 x $5.7920)	$	57.92
Water service charge for 1" meter		3.36
Sewer consumption charge equals usage times current com/indst rate (10 x $4.8367)		48.37
Sewer service charge for 1" meter		8.12
State-mandated fee charge equals usage times current com/indst rate (10 x $0.9590)		9.59
Total Water Bill	$	127.36