

How to read your new water meter



- Open the cover to expose the face of the meter. The LCD display is light activated. Shine a flash light over the light sensor for several seconds and the LCD display should appear, showing your current read. The display will flash between your current read and the current rate of flow.

- The Nine-digit LCD displays the meter reading measured in gallons. The “reading” is all the water that has passed through the meter in its lifetime. The City of Waconia charges based on how many thousands of gallons are used over the course of the preceding 1-months time.
- You can calculate the amount of water used over a period of time by recording readings at the beginning and end of a period.

For Example:


The initial reading is
0003456.56

The next reading is
0004697.23


The amount of water used between the initial read and the 2nd read is 1,240.67 gallons of water. (1,000 billable gallons)

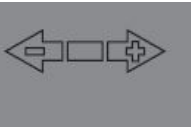


On your LED screen you may see the following icons:

	<u>LEAK INDICATOR</u>	
	OFF	No leak detected
	FLASHING least hour	Intermittent leak—indicated that water has been used at 50 of the 96 15-minute intervals during the previous 24 period.
	ON CONTINUOUSLY the	Indicates water use during all 15-minute intervals during previous 24-hour period.

****Faucet icon (leak indicator) will remain on for 24 hours after a leak has been fixed.**

	<u>RATE OF FLOW</u>	Average flow rate is displayed every 12 seconds.
---	----------------------------	--

	<u>FLOW INDICATOR</u>	Shows the direction of flow through the meter:
	ON	Water in use
	OFF	Water not in use
	FLASHING	Water is running slowly
	(-)	Reverse flow
(+)	Forward flow	




With the new meters, comes more enhancements to help the City of Waconia better serve its residents in leak detection and water conservation. For billing related questions please call (952) 442-3107.

Troubleshooting Leaks

If the leak indicator is flashing or continuously on, the meter is indicating that a leak may exist. Leaks can result from various circumstances. To better help you identify a possible leak, the following table contains some common causes of leak problems that can occur.

Possible Cause of Leak	Intermittent Leak	Continuous Leak
Outside faucet, garden or sprinkler system leaking	✓	✓
Toilet Valve not sealed	✓	✓
Toilet Running		✓
Faucet in kitchen or bathrooms leaking	✓	✓
Ice maker leaking		✓
Soaker hose in use		✓
Leak between the water meter and the house		✓
Washing machine leaking	✓	✓
Dishwasher leaking	✓	✓
Hot water heater leaking		✓
Watering yard for more than 8 hours	✓	✓
Continuous pet feeder		✓
Water-cooled air conditioner or heat pump	✓	✓
Filling a swimming pool		✓
Any continuous use of water for 24 hours		✓

To determine if water is in use:

Check the flow indicator 


- If the arrow is flashing, then water is running very slowly.
- If the arrow is continuously on, water is running.

If the arrow doesn't flash, water is not running.

What to do if there is a leak:

- Check all faucets for possible leaks.
- Check all toilets & toilet valves for leaks
- Check the icemaker and water dispenser
- Check the yard and surrounding grounds for a wet spot or indication of a leaking pipe.

If a continuous leak is found and repaired:

- Use no water for at least 15 minutes.
- Check the leak icon 
- If the leak indicator has gone from being continuously ON to FLASHING, then a leak is no longer indicated. After 24 hours of no leak indication, the leak indicator icon will no longer be displayed.

If an intermittent leak is found and repaired:

- Check the leak icon AFTER at least 24 hours.
- If the leak has been correctly repaired, the leak icon will no longer be displayed.