



How to Read Your Upgraded Water Meter

Your meter was made by Neptune. It is equipped with a solar cell, which supplies power for the LCD panel. In order to activate the panel, you will need a high-powered flashlight. Just hold your flashlight over the **solar cell (1)** and within a few seconds you will begin seeing the reading in the **LCD display box (2)** located just below the solar cell. Continue holding the flashlight over the solar panel. The average **rate of flow (3)** is displayed every 6 seconds alternating with the reading. All meters started at zero (0). To get the reading, begin from the left and write down the numbers. The meter reading is shown in gallons. Most communities charge by hundred cubic feet or gallons, 100 cubic feet = 748 gallons, The Town of Hebron charges in 1,000-gallon units, so if your meter reading for example is 6,754 gallons you will be charged for 6,000 gallons. Large users (i.e. schools) have a different type of meter. Please feel free to call our office if you have any questions.

The meter is also equipped with a **leak indicator (4)**. If you see a water facet above the numbers on the left-hand side, this could indicate a possible leak. The meter monitors a 24-hour period in fifteen-minute intervals. If the faucet is flashing, this indicates that the water has been used for at least 50 of the 96 15-minute intervals during a 24-hour period. If the faucet is showing continuously, this indicates that water was on for all 96 15-minute intervals during a 24-hour period.

The **flow indicator (5)** arrow shows the direction of flow through the meter. If you do not see the arrow, then water is not in use. If the arrow is flashing, then water is running slowly.

If you still have problems reading your meter, please feel free to stop at the Town Hall and we would be happy to give you a demonstration.

See diagram on reverse

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To read your Neptune water meter, shine a flashlight onto the **solar panel (1)**, and the display will activate.

When activated, the **LCD display (2)** will first show a segment test.



This screen will be followed by the display of the manufacturing configuration, followed by two (2) reading screens.

Reading- Shows the current reading with comma separators and decimal place, after initial activation this screen displays for 20 seconds before toggling to the rate screen. The below image shows a reading value of 179.21 gallons.



Flow Rate- When the screen toggles, the rate of flow is visible and is shown in gallons per minute. Then it toggles back to the read screen. The image below shows a flow rate of 50.70 gallons per minute.



<p>5</p>	<p>FLOW INDICATOR 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.</p>
<p>4</p>	<p>LEAK INDICATOR Displays a possible leak: OFF No leak indicated. Flashing Intermittent leak indicates that water has been used for at least 50 of the 96 15-minute intervals during the previous 24-hour period. On Continuously Indicates water use for all 96 15-minute intervals during the previous 24-hour period.</p>
<p>RATE</p>	<p>RATE OF FLOW Average flow rate is displayed every twelve (12) seconds on LCD display.</p>
	<p>LCD DISPLAY Nine-digit LCD displays the meter reading in billing units of measure: U.S. gallons, cubic feet, Imperial gallons, or cubic metres.</p> <p>1 E-Coder Basic Reading/Customary 6-digit remote reading 2 Customary sweep hand digits 3 E-CoderPLUS Reading (8-digit remote reading)</p>