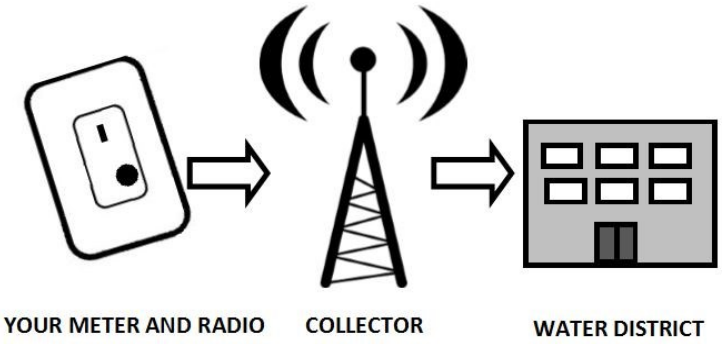
How To Read Your Water Meter

3”- 6” OMNI™ Sensus Meters

ADVANCED METERING INFRASTRUCTURE (AMI) SYSTEM



Carpinteria Valley Water District is in the process of installing an Advanced Metering Infrastructure (AMI) system across its service area. When completed, the new AMI system will include enhanced water meters with state-of-the-art technology that will wirelessly communicate water usage data to the District. The new meters will be able to collect multiple remote meter reads per day, allowing for better leak detection and improved customer service.

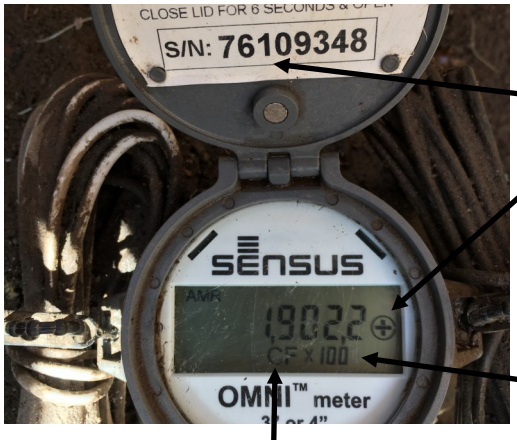
In the mean time, this handout provides information on the new digital meters, how to read them and determine your water consumption.

LOCATE YOUR WATER METER

Larger meters are generally located in wooden meter boxes or meter vaults with metal lids.

Note: Be careful when removing the meter box lid so as not to damage the meter’s antenna or endpoint. You may want to use gloves or a screwdriver in order to lift the lid. Gloves will also help provide protection against insects, spiders, or small animals that may be in the meter box.

METER DISPLAY



If you lift the lid to your water meter, you will find your **serial number** and water consumption.

Flow Icon:

Display	Indicates
Flashing circle with +	Positive flow
Flashing circle with -	Negative flow
No Icon	Flow stopped

AMR Value Multiplier: CVWD bills are calculated based on hundred-cubic feet (HCF) consumed, therefore the multiplier is set to 100.

Unit of Measure: Cubic Feet (CF)

READING THE METER

Meter Reading 1

Meter Reading 2

The following steps and example will show you how to determine how much water you use over a period of time.

1. Read all of the digits reported on your water meter. OMNI water meters are set to display hundred cubic feet (HCF) for billing purposes. Record the usage and the date.

   Meter Reading 1: Date: 4/6/2018 Read: 19022

2. After a period of days, read the meter again and write down the read along with the date.

   Meter Reading 2: Date: 04/08/2018 Read: 19025

3. Note the number of days between readings.

   Number of Days: 2

4. Subtract the first read from the second read. This is your water use in hundred cubic feet (HCF) for that time period.

   HCF Used:

   Read 2 19025 HCF
   Read 1 - 19022 HCF

   = 3 HCF Used

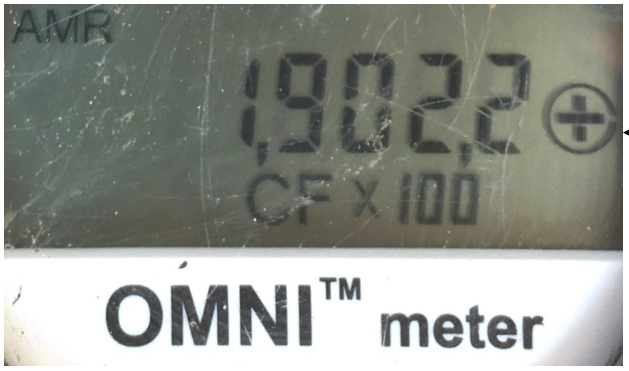
5. To calculate the amount of water used in gallons, multiply the amount of HCF used by 748.

   Gallons Used: HCF Used 3 x 748 gallons/1 HCF = 2244 gallons used

6. To calculate your average daily water use, divide the water use in gallons by the number of days between readings.

   Average Daily Water Use: Gallons used 2244 ÷ 2 days = 1122 average daily water use

CHECKING FOR A LEAK



In order to determine if you have a leak in your system, make sure to turn off all faucets and spiggots on your property. There should be no flow icon symbol on your meter. If everything is turned off and you see a flashing circle with + on the display, you have a leak.

Please Note: CVWD does not repair leaks on the customer side of the meter. That is the customer's responsibility. You may wish to call a plumber, because hidden leaks can be very expensive.