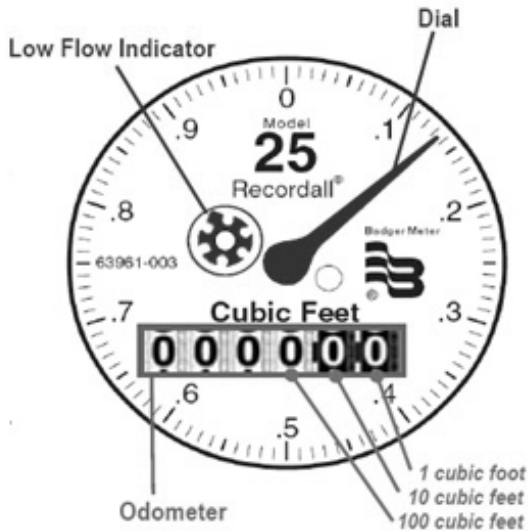




## WORKSHEET 2: DETERMINING HOW MUCH WATER YOUR SPRINKLER USES (VIDEO 2)

### STEP 1: Locate and open your water meter box.

At residential properties, the meter box is generally located in the ground near the curb in front of the house. Once you've located your water meter box open it – be careful as lids can be heavy and there may be debris, bugs, or small animals in the box. Clean any dirt from your water meter's face and then check out your meter. It should look something like this:



The dial, or sweep hand, measures how much water you are using. When the sweep hand travels one complete circle you have used one cubic foot of water. Each number in the circle equals 1/10th of a cubic foot of water.

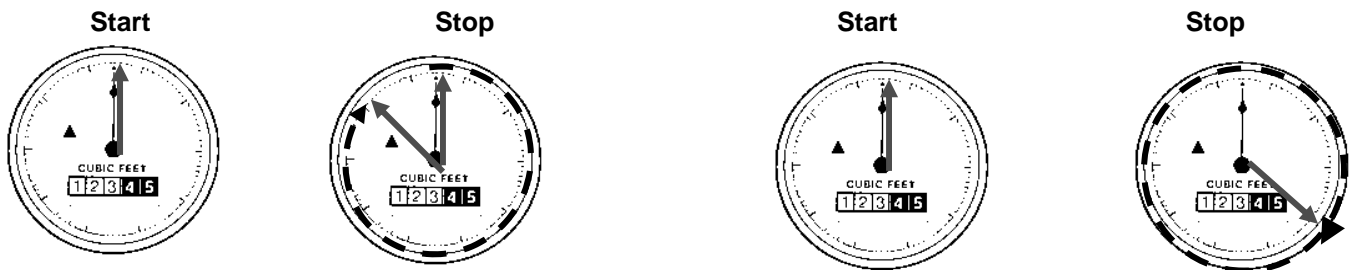
### STEP 2: Check your meter to make sure there no water currently being used.

You will know if there is water being used in the house if either the sweep hand or the low flow indicator are moving. If both the sweep hand and the low flow indicator are still, you are ready to proceed to the next step.

(If the sweep hand is moving, then you know that something in the house is currently using water. If this is the case, put your meter box lid back on and turn off the item that us using water. If it is still moving and you are sure that everything in the house is turned off, then you will want to check outside water use. Typical culprits include hoses, sprinklers, and fountains. If only the low flow indicator is moving then it is likely that you have a leak. Check out our how to use your water meter to detect if you have a leak here: <http://www.conserveh2o.org/outdoor-leak-detection-repair>.)

### STEP 3: Use your water meter to track how much water your sprinkler system uses in one minute.

Most sprinkler systems are comprised of several stations or zones. Each station is programmed to water one section of your landscape. In this step you are going to turn on one station and then track the amount of water it uses in one minute. Be sure to replace the meter box lid while you go turn on your sprinkler system to avoid a safety hazard. Once the sprinkler station is on, return to your meter and open the box. Now you can use your sweep hand and a timer to track the sprinkler station's use.



Less than 1 complete circle in one minute:  
Number of tenths of a cubic foot

More than 1 complete circle in one minute:  
Number of circles + tenths = Number of cubic feet

Example Above: .8 cubic foot

Example Above: 1 .4 cubic feet

<b>AREA NAME: Example</b>	<b>SPRINKLER STATION #: 1</b>	<b>Amount of partially completed circle the sweep hand makes in 1 minute:</b>	<b>.4</b> (this should be .1-.9)
		<b>Number of times the sweep hand makes a complete circle in 1 minute:</b>	<b>1</b>
		<b>Total cubic feet used by sprinkler station in 1 minute:</b>	<b>1.4</b> (Incomplete circle amount + completed circles)
		<b>Total gallons used by sprinkler station in 1 minute:</b> <i>(Convert cubic feet to gallons per minute = cubic feet per minute x 7.5)</i>	<b>1.4 x 7.5 = 10.5 gallons</b>
		<b>Number of minutes it will take the sprinkler station to water an inch:</b> <i>(total number of gallons needed to water landscape area an inch – from worksheet 1) ÷ (total gallons used by sprinkler station in 1 minute)</i>	<b>127 gallons ÷ 10.5 gallons = 12 minutes</b>

<b>AREA NAME:</b>	<b>SPRINKLER STATION #:</b>	<b>Amount of partially completed circle the sweep hand makes in 1 minute:</b>	(this should be .1-.9)
		<b>Number of times the sweep hand makes a complete circle in 1 minute:</b>	
		<b>Total cubic feet used by sprinkler station in 1 minute:</b>	(Incomplete circle amount + completed circles)
		<b>Total gallons used by sprinkler station in 1 minute:</b> <i>(Convert cubic feet to gallons per minute = cubic feet per minute x 7.5)</i>	
		<b>Number of minutes it will take the sprinkler station to water an inch:</b> <i>(total number of gallons needed to water landscape area an inch – from worksheet 1) ÷ (total gallons used by sprinkler station in 1 minute)</i>	

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