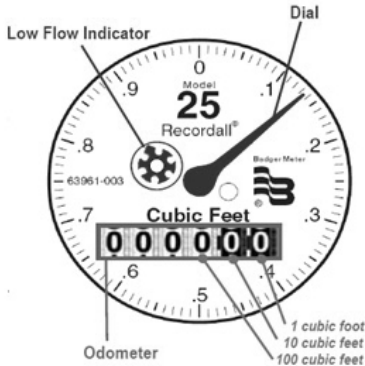




WORKSHEET # 2: HOW MUCH WATER AM I USING

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 or 7.5 Gallons. Each number in the circle equals 1/10th of a cubic foot of water or .75 Gallons.

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

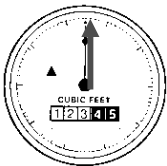
You will know if there is water being used in the house if either the sweep hand or the low flow indicator are moving. If both the sweep hand and the low flow indicator are still, you are ready to proceed to the next step.

(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 locate (if you are able) the item that is using water and turn it off. If the indicator is still moving and you are sure that everything in the house is turned off, then you will want to investigate further for leaks. Typical culprits can be toilets, hoses and hose bibs, the sprinkler system and could even be in the pipes from the meter to your house. Check out how to use your water meter to detect if you have a leak by going to the conservation web page at <http://www.ci.oswego.or.us/publicworks/water-leaks>

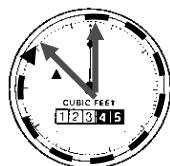
STEP 3: Use your water meter to track how much water your sprinkler system uses in one minute.

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 use a watch or clock track how many times the sweep hand completes a circle in one minute. Each number on your dial represents 1/10th of a Cubic Foot (CF) or .748 gallons. We'll always round up to make the math easier. 1 CF = 7.5 gallons; 1/10th of a CF .75 gallons. Write those numbers in the appropriate boxes on the worksheet below and follow the instructions.

Start



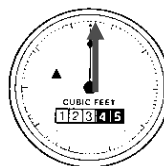
Stop



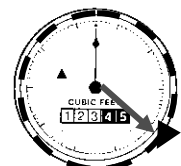
Less than 1 complete circle in one minute:
Number of tenths of a cubic foot

Example Above: .8 cubic foot or $7.5 \times .8 = 6$ gallons

Start



Stop



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

Example Above: 1.4 cubic feet or $7.5 \times 1.4 = 10.5$ gallons

AREA NAME: Example	SPRINKLER STATION #: 1	Amount of partially completed circle the sweep hand makes in 1 minute: <i>(On the face of the meter # 0 thru 9)</i>	.4
		Number of times the sweep hand makes a complete circle in 1 minute:	1
		Total cubic feet used by sprinkler station in 1 minute: Add 1 st and 2nd lines (numbers) together	1.4
		Convert the Cubic Feet used in 1 minute to Gallons: <i>(cubic feet per minute x 7.5)</i>	1.4 x 7.5 = 10.5 gallons
		Number of minutes it will take the sprinkler station to water 1 inch: <i>(total number of gallons needed to water landscape area an inch – from worksheet 1) ÷</i> <i>(total gallons used by sprinkler station in 1 minute)</i>	127 gallons ÷ 10.5 gallons = 12 minutes

AREA NAME:	SPRINKLER STATION #:	Amount of partially completed circle the sweep hand makes in 1 minute: <i>(On the face of the meter # 0 thru 9)</i>	
		Number of times the sweep hand makes a complete circle in 1 minute:	
		Total cubic feet used by sprinkler station in 1 minute: Add 1 st and 2nd lines (numbers) together	
		Convert the Cubic Feet used in 1 minute to Gallons: <i>(cubic feet per minute x 7.5)</i>	
		Number of minutes it will take the sprinkler station to water 1 inch: <i>(total number of gallons needed to water landscape area an inch – from worksheet 1) ÷</i> <i>(total gallons used by sprinkler station in 1 minute)</i>	

AREA NAME:	SPRINKLER STATION #:	Amount of partially completed circle the sweep hand makes in 1 minute: <i>(On the face of the meter # 0 thru 9)</i>	
		Number of times the sweep hand makes a complete circle in 1 minute:	
		Total cubic feet used by sprinkler station in 1 minute: Add 1 st and 2nd lines (numbers) together	
		Convert the Cubic Feet used in 1 minute to Gallons: <i>(cubic feet per minute x 7.5)</i>	
		Number of minutes it will take the sprinkler station to water 1 inch: <i>(total number of gallons needed to water landscape area an inch – from worksheet 1) ÷</i> <i>(total gallons used by sprinkler station in 1 minute)</i>	

AREA NAME:	SPRINKLER STATION #:	Amount of partially completed circle the sweep hand makes in 1 minute: <i>(On the face of the meter # 0 thru 9)</i>	
		Number of times the sweep hand makes a complete circle in 1 minute:	
		Total cubic feet used by sprinkler station in 1 minute: Add 1 st and 2nd lines (numbers) together	
		Convert the Cubic Feet used in 1 minute to Gallons: <i>(cubic feet per minute x 7.5)</i>	
		Number of minutes it will take the sprinkler station to water 1 inch: <i>(total number of gallons needed to water landscape area an inch – from worksheet 1) ÷</i> <i>(total gallons used by sprinkler station in 1 minute)</i>	

AREA NAME:	SPRINKLER STATION #:	Amount of partially completed circle the sweep hand makes in 1 minute: <i>(On the face of the meter # 0 thru 9)</i>	
		Number of times the sweep hand makes a complete circle in 1 minute:	
		Total cubic feet used by sprinkler station in 1 minute: Add 1 st and 2nd lines (numbers) together	
		Convert the Cubic Feet used in 1 minute to Gallons: <i>(cubic feet per minute x 7.5)</i>	
		Number of minutes it will take the sprinkler station to water 1 inch: <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>	

AREA NAME: e	SPRINKLER STATION #:	Amount of partially completed circle the sweep hand makes in 1 minute: <i>(On the face of the meter # 0 thru 9)</i>	
		Number of times the sweep hand makes a complete circle in 1 minute:	
		Total cubic feet used by sprinkler station in 1 minute: Add 1 st and 2nd lines (numbers) together	
		Convert the Cubic Feet used in 1 minute to Gallons: <i>(cubic feet per minute x 7.5)</i>	
		Number of minutes it will take the sprinkler station to water 1 inch: <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>	

EA NAME:	SPRINKLER STATION #:	Amount of partially completed circle the sweep hand makes in 1 minute: <i>(On the face of the meter # 0 thru 9)</i>	
		Number of times the sweep hand makes a complete circle in 1 minute:	
		Total cubic feet used by sprinkler station in 1 minute: Add 1 st and 2nd lines (numbers) together	
		Convert the Cubic Feet used in 1 minute to Gallons: <i>(cubic feet per minute x 7.5)</i>	
		Number of minutes it will take the sprinkler station to water 1 inch: <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>	

REA NAME:	SPRINKLER STATION #:	Amount of partially completed circle the sweep hand makes in 1 minute: <i>(On the face of the meter # 0 thru 9)</i>	
		Number of times the sweep hand makes a complete circle in 1 minute:	
		Total cubic feet used by sprinkler station in 1 minute: Add 1 st and 2nd lines (numbers) together	
		Convert the Cubic Feet used in 1 minute to Gallons: <i>(cubic feet per minute x 7.5)</i>	
		Number of minutes it will take the sprinkler station to water 1 inch: <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>	