WaterSmart Home Check-up

Leak confirmed: Y / N

Customer/ Owner: _____ Date: _____

Address: _____

Phone: _____

Leak check at water meter

Make sure all water using devices and irrigation are turned off

Water Meter read (*show customer how to do this*): _____

Is the sweep hand or low flow dial moving? Y* / N *If "Yes", check for sources of leaks:*

**Automatic ice makers can move the low flow dial*

Review water consumption history and estimate next bill (in Hundred Cubic Feet- HCF)

(Today's read - last bill read, divide by # days since last read, multiply by 61)

Common sources of leaks

Toilets - Place dye tabs in all toilet tanks to check for a leaking flapper valve.

Also check the water level in the toilet tank. Is it near the top of the overflow pipe? If yes, advise customer to adjust the float valve to lower the water level.

Water softening system - usually below the kitchen sink
Observe the system for flow from the mineral tank to the drain line when the faucet is closed/ off.

Leaks can also be intermittent. These leaks do not make the low flow dial move continuously.

Pools - Pools with cracks leak water and require frequent filling

Irrigation system - Run each station for 1 - 2 minutes. Look for broken spray nozzles or saturated soil which may indicate a broken pipe below.

Water efficient appliances and fixtures

For customer information only

Clothes Washer water factor (WF). Top loading: 8.4. Front loading: 4.7

Toilets rated at 1.6 gallons or less per flush

Faucets rated at a maximum of 2.2 gallons per miunte (GPM)

Showerheads rated at a maximum of 2.5 GPM

Irrigation System water use

Review controller settings with the customer

Simple test to determine how much water the irrigation system uses in one day

Start this test in the evening before a scheduled irrigation run

1. Record the meter reading in the evening after finishing all indoor water use
2. Record the reading again the next morning after the irrigation system has run
3. Subtract the first reading from the second
4. Multiply the difference by 748 to convert to gallons

Example: Day 1 read is 645.08. Day 2 read is 645.36

645.36 - 645.08 = 0.28 HCF. (1 HCF = 748 gallons)

0.28 HCF * 748 gallons/ 1 HCF = 209 gallons

Helpful links

https://www.sweetwater.org/150/How-to-Read-Your-Meter

http://www.bewaterwise.com/calculator.html

https://www.epa.gov/watersense/watersense-products

https://www.sdcwa.org/sites/default/files/saveeveryday-fs.pdf

Sweetwater Authority

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