



BELLA VISTA WATER DISTRICT

**11368 E. STILLWATER WAY • REDDING, CALIFORNIA 96003-9510
TELEPHONE (530) 241-1085 • FAX (530) 241-8354**

FACT SHEET - DETERMINING IF YOU HAVE A WATER LEAK

The best method for determining whether a leak exists is to take your own water meter readings. This method checks the entire internal plumbing system for water leaks. Take a water meter reading just before going to bed or when no one will use any water for several hours. Take another meter reading in the morning before any water is used or after a few hours of non-use. In theory, the two readings should be the same. If they are not and you cannot account for the use by a humidifier, ice cube maker, toilet flush, swamp cooler, or water softener, you have a leak and further investigation is recommended.

From our experience, 90 percent of the leaks in residential plumbing systems are found at the toilet tank. Malfunctioning water softeners and humidifiers run a distant second and third. We encourage you to check for a leak. Toilets leak at the bottom of the tank around the flapper plug or at the top of the tank at the overflow tube. To test the flapper plug, carefully remove the lid from the toilet tank and mark the water level in each toilet tank with a pencil. Shut off the water supply to the toilet. If the water remains on the mark you made for 10 minutes, the flapper plug is not leaking. If the water level drops below the mark you made, the flapper plug is leaking and should be repaired or replaced. The water level in the toilet tank should be at least one inch below the top of the overflow tube. If the water level in the toilet tank is at the top of the overflow tube, that is where a leak may be occurring and the float that controls the water level in the tank should be adjusted so that the water level in the tank is at least one inch below the top of the tube. Toilet tank leaks typically result from worn parts or misalignment of some part of the flushing mechanism. Most repairs can be done by an experienced do-it-yourselfer. If you are not sure you can handle the job, call a plumber. It is important to stop the leak because water leaks are costly.