

## Even Small Leaks Add Up

The amount of water wasted by a leak from in inside faucet at 15-20 psi could be:



Diameter of Leak (inches)	Gallons per Day	Cost of lose per Month
1/8	3096	\$510.84
1/16	693	\$114.35
1/32	120	\$19.80
1/64	66	\$10.89

## CITY OF CLARKFIELD

### HOW TO FIND COSTLY WATER LEAKS IN YOUR HOME



## CITY OF CLARKFIELD

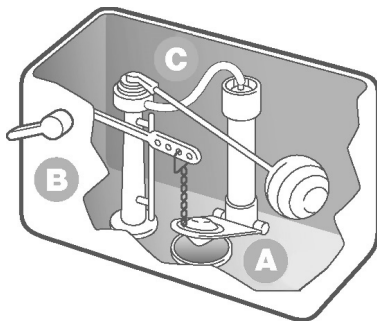
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City of Clarkfield  
Public Works  
Department

To conserve water, place a jar or brick in the toilet tank underneath the float to displace water.



# Finding Leaks inside your Home or Business

A leaky faucet or running toilet can be irritating as well as a great waste of water and money. A dripping faucet can use up to 2,000 gallons per year. Undetected toilet leaks may waste over 50 gallons of water PER DAY!

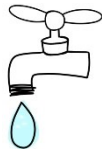
## FINDING THE LEAK

Most leaks are easy to find, but some can go undetected. If you suspect a leak somewhere in your water service but cannot locate it, use this simple trick.

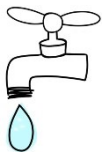


Turn off all the water fixtures, if the dial or the leak indicator on your water meter is moving, you have a wasteful leak somewhere on your property side of the water meter. To determine if the leak is in the water service line to your property then you will need to shut off the isolation valve that will shut off water to the entire property. After this is done, recheck the water meter to see if the leak indicator is still moving. If the indicator is still moving, then the leak is in your water service line to your property. To calculate how much of a leak there may be, take a meter reading in the morning and then again in the evening.

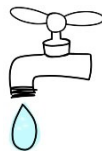
## FAUCETS, BATHTUBS, AND WATER SOFTENERS



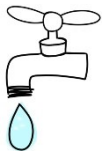
Most faucet leaks are plainly visible as drips coming out of the faucet aerator. Occasionally faucets may leak in places such as the on/off handle or below the basin. Try to tighten any fittings a quarter or half turn, just be careful to not over tighten.



Most bathtub leaks are plainly visible as drips coming out of the tub spout. Occasionally bathtub faucets may leak in other places such as the hot and cold knobs.

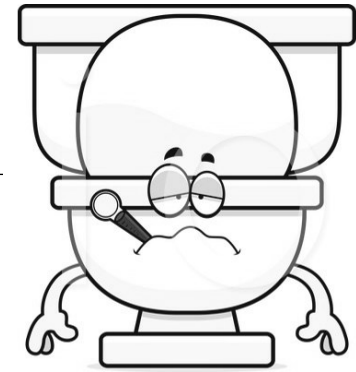


Bathtubs and faucets typically leak because of old gaskets, O-rings, or corroded valve seals. You may need to contact a licensed plumber to repair these items.



Always make sure that the salt levels are being maintained in your water softeners. A softener that is low on salt will run more water than normal. Other areas to check for leaks in a water softener is the rear of the water softener as well as in the pipe connections. Timers on water softeners can also mess up, if the cycles are running longer than normal you may want to check the timer of your water softener.

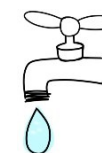
## TOILET LEAKS



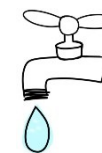
A 'running' toilet can be heard most of the time, but there are times toilet leaks cannot be detected unless the following steps are taken.



Check for leaks by putting a few drops of food coloring or kool-aid into the tank. Without flushing, wait to see if color appears in the bowl. If color appears within 10 minutes, the drain valve (flapper cover) or the support assembly may need to be replaced. The drain valve should drop squarely into the opening at the bottom of the tank, make sure that there are no obstructions or if it is need of replacement.



Make sure that the handle is not sticking in the flush position. Also be sure that the water level in the tank is at least 1/2" below the top of the overflow or filling tube. To adjust this, gently bend the float arm to lower the level.



Inspect overflow tubes for holes located below the water line. Replace the tube if any leaks are found. If the water continues to run where the toilet tank is full, consult a plumber.