



# The City of Bethany Utility Department

## Water Leak Information

### Leak Water Loss Guide (Water Loss in Gallons at 50 PSI)

Leak this Size	Loss per Day	Loss per Month	Loss per Year
●	120	3,600	43,200
●	360	10,800	129,600
●	693	20,790	249,480
●	1,200	36,000	432,000
●	1,920	57,600	691,200
●	3,096	92,880	1,114,560
●	4,296	128,880	1,546,560
●	6,640	199,200	2,390,400
●	6,984	209,520	2,514,240

Source: Washington State Department of Health Office of Drinking Water

#### Helpful tips to check for leaks:

1. Check the cabinets under the kitchen, laundry, and bathroom sinks to make sure they're dry. You'll also want to look for puddles around the bases of tubs, toilets, and showers and beneath the water heater, dishwasher, and clothes washer.
2. Use a bottle of food coloring and put a few drops in the tank of every toilet in the house. If a toilet tank is leaking, color will appear in the bowl within five minutes. If you find color in the bowl, the tank is leaking into the bowl.
3. Wall discoloration. This could indicate water leaking from behind the drywall and soaking through to the front side. Water stains on ceilings and walls are usually yellowish or brownish in color.
4. Bubbling paint or bulging wallpaper. Both are signs that the wallboard is wet and the paint or wallpaper is no longer adhering tightly. In some cases, you may also notice a bulge in the wallboard, which indicates the water damage is more extensive and the wallboard will have to be replaced.
5. A dripping sound. While some leaks are totally silent—for instance, if water is traveling along a wall stud—other leaks can sometimes be heard, giving you a clue as to the leak's location.
6. A musty smell. Over time, a persistent leak provides the perfect humid environment for mold to grow. Often, mold will grow inside the wall where you can't see it, so a musty smell is a red flag.