





Water Usage

Bay County Department of Water & Sewer

A continuous leak from a hole this size at an average household water pressure of 60 psi would, over a three month period, result in the wasted list.

Diameter of Stream:		Waste per Quarter at 60 psi Water Pressure in:			
	Inches	Gallons	Thousand Gallons	Cubic Feet	Hundred Cubic Feet (CCF)
	1/4	1,181,500	1,182	158,000	1,580
	1/8	296,000	296	39,600	396
	1/16	74,000	74	9,850	99
	1/32	18,500	19	2,465	25

An uncontrolled leak could waste a large amount of water.

Household Water Usage ***

- Bath – A full tub is about 36 gallons
- Shower – 2 to 2.5 gallons per minute, old shower as much as 4 gallons per minute.
- Teeth Brushing - < 1 gallon, non-running
- Hand/face washing – 1 gallon
- Face/leg shaving – 1 gallon
- Dishwasher – 20 gallons/load, varies by model
- Dishwashing by hand – 4 gallons/minute, new faucets 1 – 2 gallons per minute
- Clothes washer – 25 gallons/load newer models
- Toilet flush – 1.5 per flush most newer models

How much water does a person use per day?

Estimates vary, but each person uses about 80 – 100 gallons of water per day. Many conservation efforts over the years have decreased the amount of water usage per person.

Water leaks are a major contributing factor in excessive water use.

- Leaking faucet - 2 to 10 gallons per hour
- Leaking toilet - 1 to 5 gallons per hour

*** These numbers are from the U.S. Geological Survey website.