

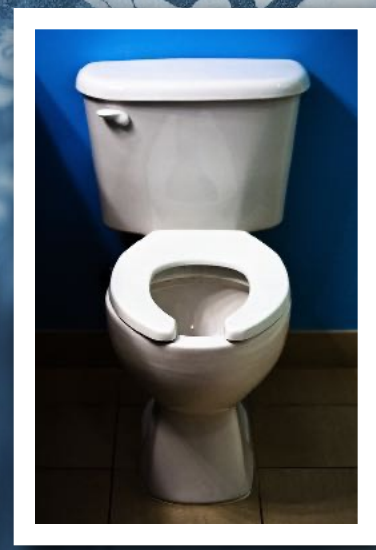
SAVING WATER=SAVING ENERGY

WASTEWATER & WATER CONSERVATION

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Drops = Watts



Public water supply and treatment facilities consume about **56 billion** kilowatt hours - enough electricity to power more than 5 million homes for an entire year. Up to 80% is used just to move water back and forth in both public and private water and wastewater pipes.

Each of us now uses an average of 100 gallons of water each day—enough to fill 1,600 drinking glasses! 28,500 showers in a lifetime.....

- ★ Water heating accounts for @ 19% of your total home energy use, on average \$400+ a year
- ★ Is your faucet dripping at 8 drops per minute?
Go To AAWA's Drip calculator to see how many \$'s that costs: <https://drinktap.org/Water-Info/Water-Conservation/Drip-Calculator> You are paying for electricity to pump, and possibly heat, 1.152 gpd, or 34.5 gallons per month which is going straight to your septic tank or sewer - **almost 421 gallons per year from one small drip!**
- ★ If each of uses, on average 1.8 million gallons in our lifetime - how much does that translate too in energy costs? **Water costs money!**

- ★ A constantly leaking toilet can waste over 200 gpd.
- ★ If just 1 percent of homes replaced their older toilets with WaterSense™ labeled ones, we would save more than 38 million kWh of electricity
- ★ enough to supply more than 43,000 homes with electricity for one month. [www.epa.gov/watersense]
- ★ If one out of 100 homes retrofitted with all water-efficient fixtures, we could save about 100 million kWh of electricity per year—avoiding 80,000 tons of greenhouse gas emissions.
- ★ Equivalent to removing 15,000 cars from the road for one year.



Use Your WaterSense™ (www.epa.gov/watersense) By making just a few small changes to your daily routine, you can save a significant amount of water, which will help you save money and preserve water supplies for future generations.

Challenge: The average bathroom faucet flows at a rate of two gallons per minute.
Solution: Turn off the tap while brushing your teeth in the morning and at bedtime = saving @ 8 gallons of water a day, 240 gallons a month!

Challenge: Older washing machines use about 41 gallons of water per load and often can't adjust water to the load size.

Solution: High-efficiency washing machines use less than 28 gallons of water per load. Using cold water saves even more!

★ Clean Water Starts At Home 