

WATER CONSERVATION CAN SAVE YOU



The Town of North Beach is providing tips on how to prevent unintentional water loss. These tips will:

- assist residents and businesses with implementing conservation efforts, and;
- prevent residents and businesses from incurring significant costs for wasted water.



IS YOUR WATER BILL HIGHER THAN EXPECTED?

Call the Department of Public Works (DPW) at 443.646.2380 and discuss the **5-Point Check**.



FOR ADDITIONAL INFORMATION, PLEASE CONTACT

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4030 11th Street
North Beach



The Jewel of the Chesapeake Bay
North Beach, Maryland



WHAT THE TOWN HAS DONE

- Upgraded and installed new, accurate water meters to improve water conservation in our town.



WHAT RESIDENTS & BUSINESS OWNERS CAN DO

- Review the reverse side of this sheet to learn how to prevent water loss that may be occurring inside and outside of your home or business.
- Perform a simple dye test in your toilet tank. The dye test can be picked up from the DPW.



WHAT THE DEPARTMENT OF PUBLIC WORKS CAN DO

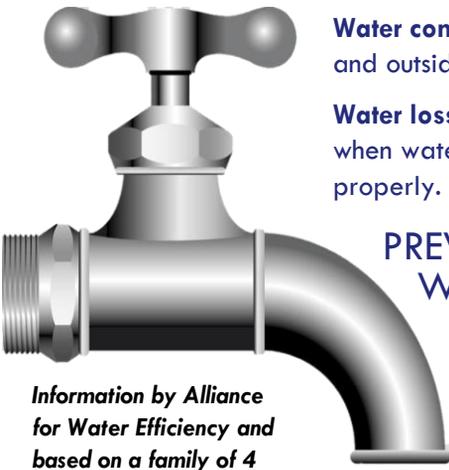
To determine your water challenge, DPW can perform:

- 1 5 Gallon Bucket Test
- 2 Dye Test
- 3 Inspection of the Water Meter
- 4 Two Manual Reads per Request
- 5 45 Day Review of Water Usage





WATER CONSERVATION CAN SAVE YOU



Water conservation measures are voluntary ways you can reduce water use, both inside and outside the home, to protect and preserve precious water resources.

Water loss is an unintentional consequence that occurs both inside and outside the home when water infrastructure breaks or does not function properly.

PREVENT UNNECESSARY WATER LOSS TO CONSERVE WATER!



TOILET FLUSHING

Toilet flushing is the single highest use of water in the average home. In older toilets, an average flush uses about **3.6 gallons**, and the daily use is **18.8 gallons** per person per day. An older toilet will use approximately **26,000 gallons** per year in toilet flushes. New, High Efficiency Toilets (HETs) use **1.3 gallons** per flush and approximately **9,000 gallons** per year in total toilet flushes.

Water Saving Tips

- Install new, HET.
- If water is running for an unusual length of time, check for leaks or do a simple dye test.
- Ensure water is at or below the water line indicator on the tank.

CLOTHES WASHERS

Washing laundry is a significant use of water and accounts for 15-40% of the overall water consumption. The average family washes almost 400 loads of laundry each year. An older washer uses approximately **40 to 45 gallons** of water per load and have a water factor of 10 or higher. A family of 4 using a standard clothes washer will generate more than 300 loads per year, consuming **12,000 gallons** of water annually. New, High-Efficiency Washers (HEW) use **14 to 25 gallons** of water per load and will have a water factor of 8 or less. Replacing an old and inefficient clothes washer can reduce this water use by more than **6,000 gallons** per year, save energy, clean the clothes better, and reduce fabric wear.

Water Saving Tips

- Run full loads only, even if the washer has an adjustable load setting.
- Replace the old inefficient clothes washer with a new high-efficiency model to save water and energy.



DISHWASHERS

Dishwashers use a relatively small amount of water in the average home; accounting for 1-2% of the overall water consumption. An older model dishwasher will use approximately **10 to 15 gallons** of water per load. A standard dishwasher will generate about **150 loads** per year, consuming **1,800 gallons** of water annually. New, ENERGY STAR® dishwasher will use less than **5.5 gallons** of water per load.

Water Saving Tips

- Run full loads of dishes only.
- Install a new ENERGY STAR high-efficiency model to reduce this water use by nearly **1,000 gallons** per year and save energy through the efficient operation of the machine and by using less hot water.
- Don't rinse the dishes. Pre-rinsing is not required with many new dishwashers.



SHOWERS

Showers are typically the third largest water use after toilets and clothes washers. The average shower uses **17.2 gallons** and lasts for 8.2 minutes at average flow rate of **2.1 gallons per minute**.

Water Saving Tips

- Shorten length of time spent in the shower to around 5 minutes.
- Turn off the water while lathering and shampooing, often called a "navy shower".

LEAKS

Leaks from pipes, plumbing fixtures and fittings are a significant source of water waste for many households. The typical home can lose **2,000 to 20,000 gallons** of water per year due to leaks. Some leaks are obvious, such as dripping faucets and leaking water heaters. Unfortunately, many leaks go undetected for years because the source of the leak is not visible.

Water Saving Tips

- Check for and repair leaks at faucets, shower, tub, toilet, house humidifiers, evaporative coolers, pools and fountains.

FAUCETS

Kitchen and bathroom faucets are among the easiest places to save water. Faucet water use accounts for 15-18% of the overall water consumption. An average household uses between **18.1 and 26.7 gallons** per day for all faucets (bathroom, kitchen, and utility sink). This amounts to between **6,600 and 9,750 gallons** per household per year for faucet use. The main difference between a house that uses **9,750 gallons** and **6,600 gallons** per year is the flow rate of installed faucet aerators.

Water Saving Tips

- Shut off faucets whenever possible.
- Make sure your faucets don't drip or leak.
- Reduce the faucet flow rate.



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Information by Alliance for Water Efficiency and based on a family of 4 people.