

The Flow

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Sewer Commission
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Water Conservation and its Ways.

Water conservation is a broad category that covers simple ways to save water at home to complex, long term measures taken to preserve water on a larger scale.

Water conservation is the practice of an efficient usage of water by reducing unnecessary wastage of the same. The importance of water conservation becomes even more necessary as there is a limited source of freshwater that is beneficial for all human beings for a healthy lifestyle. The freshwater available for use is unevenly distributed. Human activities are polluting the water sources threatening the survival of living beings. So, water conservation focuses on the concept of "save water and save a life".

Why We Need Water Conservation

It comes as no surprise that water is one of the most essential elements for the survival of any lifeform on the surface of Earth. The presence of water is what makes Earth different from any other planet. The need to maintain the constant flow of water comes from its vitality for the survival of all flora and fauna on the Earth. Just because a portion of the human population has easy access to water resources, we keep forgetting why saving water is important. Saving water is not only a necessity for humans, our careless waste of water is also affecting the animals and plants around us. There are serious consequences of water depletion.

How We Can All Conserve Water

Water conservation is essential and can and should be done by everyone. We can all contribute to saving water. Very small-scale changes can be made to preserve water. Even the people who aren't facing water shortages should find ways to save water at home. Several techniques can be implemented for the conservation of water that can be found on the next page.

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Ways to Conserve Water

(1) **Careful Use of Water:** Keep the taps turned off when not in use. We can save gallons of water by turning off the water while brushing our teeth, shaving, showering, and washing dishes as these daily routine activities have resulted in excessive consumption of water.

(2) **Usage of efficient home appliances:** Water efficient washing machines and dishwashers can save a lot of water. Even without the appliances, make sure you don't overuse water while washing dishes or clothes. Maintenance of appliances can also prevent potential leaks and wastage of energy.

(3) **Don't Run The Faucet to Clean Vegetables:** Fill a container with water to wash fruits and vegetables. Keeping them under the faucet while water runs down will lead to unnecessary wastage of water.

(4) **Check for Leaks & Fix Leaky Faucets & Showerheads:** Leaks can cause a significant amount of water loss if left unchecked. So, check the faucet, taps, and pipes for leaks regularly. While turning the tap off make sure to turn it all the way or it may keep dripping. Conservation of water includes avoiding unnecessary water wastage. Please fix any leaks inside and outside your home.

Did you know ... "A leaky faucet that drips at the rate of one drip per second can waste more than 3,000 gallons per year. That's the amount of water needed to take more than 180 showers!"

(5) **Water the Plants Smartly:** While watering your plants keep in mind the temperature and time of the day, so water doesn't evaporate quickly.

(6) **Reduce Bathing Water Amount:** While bathing or taking a shower make sure to not let the water run down for a longer period or unnecessarily. The best way to conserve water is to recycle and reuse it.

(7) **Reduce Shower Water Amount:** Try limiting your shower time to 10 to 15 minutes because humans carelessly consume gallons of water for luxuriously long showers. So Reducing the shower time would prevent excessive wastage of water.

(9) **Don't Wash Garbage Down the Drain:** Make sure to not wash down small bits of trash that use a large amount of water to flush down the drain. Always put them in the bin.

(10) **Instead, Implement a Compost Bin:** Try using a compost Bin instead of in-sink garbage disposal. Compost bins are environmentally friendly and reduce water wastage. How? Adding compost into soil primarily conserves water by increasing soil organic matter (SOM) and reducing bulk density, thus needing less water.

(11) **Be a Water Smart Gardener:** Choose drought-resistant trees and plants as these can thrive even without irrigation. Trees and plants with a layer of mulch around them slow down the evaporation of moisture.

(12) **Tell Others & Teach your Children:** People need to be educated and made aware of the ways of saving water. The habits that kids adopt in their early childhood can stay in their lives forever. Water is one of the Earth's most important resources. Using water wisely will help conserve water for future generations.