

32 ways to save water, from the watershed to your home.

Water for Life. Please conserve.

This list of tips is designed to help us better appreciate how much water we are using, and how much we might be able to conserve every day of our lives. Mahalo nui loa.



How much water can we save?

Numbers are always easier to understand with visuals. Use this legend of familiar water containers to help you see how much water you can save by following the tips in this brochure!



Water Bottle
1 gallon



Cooler Jug
5 gallons



Large Fish Tank
50 gallons



City Water Truck
1,500 gallons



Backyard Pool
50,000 gallons

1 You don't need four gallons of water to brush your teeth! If you brush your teeth with the water running, you're using as much as four gallons of water every time – even more if you don't have an aerator on your faucet! Turn off the water while you brush – use a cup of water to rinse – and you'll save seven gallons of water every day!



Turn off the tap when brushing your teeth:
save 7 gallons

2 Get just as clean and save 20 gallons!

Ahh, those nice long, hot showers. So relaxing. So wasteful. Limit your shower time to under five minutes, and you'll save buckets of water. Old shower heads use even more water. Get a water-saving showerhead for a refreshing shower that saves up to 20 gallons – that's four big water cooler jugs full of precious water – every shower.



Shorter showers with a new shower head:
save 20 gallons

3 How to wash your car and save 100 gallons: It's easy to save water when you wash your car. Instead of letting the hose run, soap up the car with a sponge and bucket, then use an inexpensive trigger nozzle to shut off the water flow between rinses. You'll save up to 100 gallons of water – enough to fill two 50-gallon fish tanks, or *ten* small fish tanks!



Use a trigger nozzle when washing the car:
save 100 gallons

4 Your lawn isn't that thirsty. Even in the warmest weather, your lawn needs to be watered only twice or, at the most, three times a week. Never every day. Water in the cool of the day – it's better for the plants and water won't evaporate as quickly. You can save more than 1,500 gallons of water a week – that's enough to fill this city water truck! What if thousands of people each saved this much?



Water less often and water when it's cool:
save 1,500 gallons

5 Why waste 150,000 gallons on leaks?

Check around your house for leaky faucets or pipes. If you have a leak or two that

adds up to a 1/8" stream, you'll lose 150,000 gallons over the course of a year! You could fill *three backyard swimming pools* with that much water!



Fix leaks around the house:
save 150,000 gallons

Water Saving Tips for the Bathroom

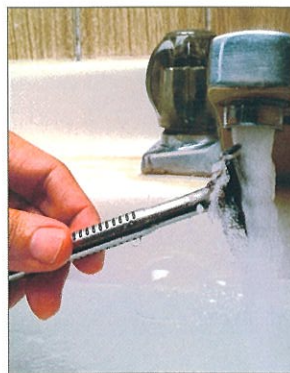
6 Go Low Flow. Low-flow faucet aerators attach to most existing faucets. They deliver 1.5 to 2.5 gallons of water a minute. Old faucets give up to seven gallons a minute. The difference is close to 30 gallons *per hour!* 6 cooler jugs saved

7 Go low-flow in the toilet. A new toilet uses only 1.6 gallons per flush. Older ones use 3.5 to 7 gallons. That's up to *four times as much!* Up to 1 cooler jug saved

8 Your toilet is not a trash can. Why waste water flushing things that don't need to be flushed? Cigarette butts and other trash will clog your toilet and mess up septic tanks and treatment plants. That junk could end up in the ocean!

9 Fix that flapper. Replace the flapper valve in your toilet every two years. A leaky flapper alone wastes *60 gallons a day!* If your toilet seems to run continuously, don't just wiggle the handle. Change that flapper! 1+ fish tank saved

10 And speaking of leaks, a secret, silent leak is the worst offender. A faucet drip or toilet leak can waste hundreds of gallons a day! Over 5,000 gallons down the drain *every month!* Fix those leaks! ~2 water trucks saved



11 Don't let the water run when shaving. You'll save *56 gallons a week!* Fill the basin with water and turn off the tap while shaving. Rinse with basin water. Better yet, get an electric shaver! 1+ fish tank saved

Lawn & Garden

12 Water wisely. Watering too much too often is a major waste. Water mature plants infrequently, but deeply, to encourage deeper, healthier root growth.

13 Don't blow it. Don't use sprinklers on windy days – the water just evaporates or blows onto areas that don't need it.

14 A drip irrigation system or soaker hose around trees and shrubs helps grow deep root systems and reduces evaporation.



15 Slow mow mo' bettah! Mow less often – and mow at least three inches high. The height shades the soil, helps your grass roots to grow deeper and reduces evaporation.

16 Leave the cuttings on the lawn. The added organic matter helps your soil retain moisture.

17 No automatic sprinkler system? Use a kitchen timer – it'll save a lot of wasted water if you forget to turn sprinklers off.

18 Collect rainwater. A thousand square feet of roof or sloped surface can collect 420 gallons from just an inch of rain. Store it in a garbage can or a tank-like container, add a spigot and hose and use it to water plants and wash paved areas.

19 Xeriscape. This landscaping method groups native and drought-tolerant plants by water needs to use water more efficiently. Find out more at www.hbws.org.

The Kitchen and Around the House

20 Every drop counts. Don't let water run while doing kitchen chores. The tap releases *three gallons per minute* – imagine how many truckloads of water that is over a year!

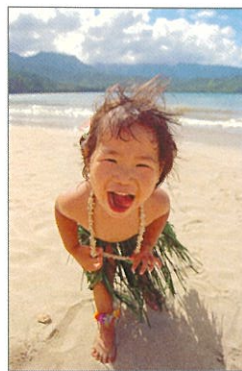
21 Thirsty? Keep a pitcher of drinking water in your refrigerator rather than running your faucet to cool the water.

22 Collect running water in a container while waiting for it to get hot or while washing vegetables or rice. Use it to water houseplants or your kitchen herb garden.

23 What did we do before disposals? We used our imagination! Disposals use water and solids shouldn't go down the drain. Start a compost pile. Compost helps your soil retain moisture and nutrients. Save water in the kitchen and save water and fertilizer in the yard!

24 Get a pool cover to keep water in and unwanted leaves and critters out! Save 900 gallons from evaporation. That's 18 fish tanks full saved *every month!*

25 Be cool and smart. If you have an external air conditioner water flow, direct the drain toward a thirsty flower bed or tree.



26 Take the keiki to the beach instead of filling up the kiddie pool.

27 And while you're out, if you see a beach shower, faucet or water fountain running or broken at a public place, try to turn it off – or call the Board of Water Supply.

Protect Our Watershed



PHIL SPALDING III

If our watershed's ability to collect rainwater is compromised, all our efforts to save at home may never be enough. Our watershed is a fragile mountain

ecosystem that collects rainwater. Invasive foreign plants kill the understory growth, allowing water to run off and evaporate. You can help.

28 Remove any seeds that have hitched a ride on your shoes or clothes when hiking.

29 Keep to trails when in the watersheds. On foot or a recreational vehicle, straying from trails can cause erosion and destroy an entire forest.

30 Participate in projects that remove invasive plants and animals to allow the recovery of native plants and animals.

31 Support the enforcement of existing laws and agricultural quarantine to prevent the spread of invasive foreign plants and animals.

32 Conserve water every day, all year long. Water conservation reduces the need to use ground water that is essential for healthy watershed forests and stream ecosystems.

If everyone saves a little, we'll all save a lot.

For many more tips, visit our web site at www.hbws.org. Call us if you have any questions and let us know how you're doing.

Report broken water mains
and fire hydrants748-5010
General Water Information748-5000
Watershed Programs Info748-5041

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