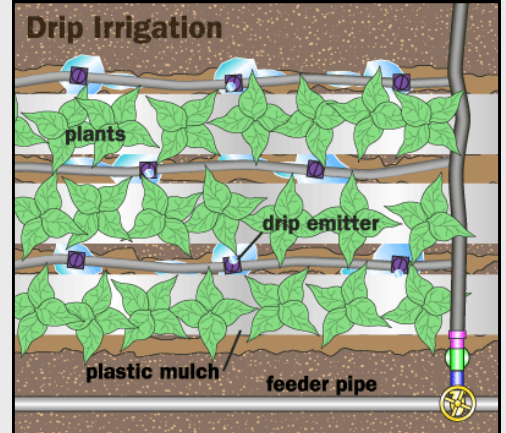


## Water Conservation Tips

Water restrictions are set in place to control the usage of water held in large reserves in areas where a readily available supply of fresh water is not easily obtainable. Water restriction controls the usage of these fresh water supplies to ensure there will be a lasting amount for critical water usage areas, food preparation, sewage applications and necessary mechanical systems that require a continuous flow of water. Recently in areas of the Southwest like California, Nevada and Arizona people have been asked to reduce water consumption. As fresh water supplies become depleted cutting back on water consumption is a critical step in water conservation. Listed are some ways everyone can cut back on unnecessary water usage and ways to use fresh water more efficiently.

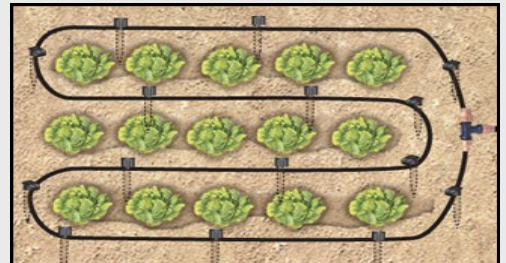
It's estimated that 70% of a house holds total water usage in the Southwest goes to lawn and garden irrigation. In many areas affected by drought some municipalities will pay the home owner to replace the typical lawn with drought resistant plants and landscaping materials that do not need much water to survive. To effectively irrigate these plants and more typical lawn plants that need a constant supply of water is key to water conservation.

Several areas like The Metropolitan Water District in California suggest buried soaker hoses or drip watering systems to keep the water directly on the roots of the plants. Using soaker hoses also prevents water wasted in surface run off and evaporation on the hot surface. Soaker hoses can be buried directly under most plants and be timer operated for optimal water efficiency. Converting to a soaker hose or drip watering system will cut a homes landscaping water consumption by up to 70% saving resources and money.



### Water-saving Lawn Tips:

1. Replace nonessential turf with ground covers, mulches, or decks and walkways
2. Water at night, ideally between 9:00 p.m. and 6:00 a.m.
3. Mow lawn higher during very warm weather
4. Keeps pools covered to reduce evaporation and the need to re-fill often
5. Use water saving equipment like water brooms when cleaning large open surfaces.



After lawn care the next highest area of water usage in a home is the graywater, which is the drain water from washing machines, bathtubs, showers and sinks. This grey water accumulation counts for 30-50% of a household's water usage. There are several products that will cut down a homes graywater accumulation like 1.5 GPM shower heads and low flow aerators for sink faucets.

A high area of water loss is leaky pipes. Small drips and frequently toilets with old fill valves and bad flaps will consistently send water into the ground or sewer system without it ever being used. Small repairs around your home will make a difference in your overall water usage. Several available items make it easy for homeowners to repair their own toilets and pipes saving water with every repair.



Collecting water from mother nature is always best when its available. Rain barrel collection systems and gray water recycling systems can increase your usable water supply. This water can be used for landscaping and plant irrigation saving on city or deep well supplied fresh water needed for human consumption.



**A single low flow faucet can use up to 60% less water than a traditional faucet?**

**A single waterless urinal can save up to 40,000 gallons of water per year?**

**A single flow toilet can help save up to 500 gallons of water per year?**

**A single flow showerhead can use up to 60% less water?**

	Traditional Faucet	Low Flow Faucet
# of faucets	40	40
Gallons per minute	2.5	1.5
Seconds per use	15	15
Uses per day	300	300
Total water usage	7,500 gal	4,500 gal
Cost of water per gallon	\$0.015*	\$0.015*
Total water cost per day	\$112.50	\$67.50
Total water cost per year**	\$28,125	\$16,875

	Traditional Urinal	Waterless Urinal
# of urinals	50	50
Gallons per flush	3.75	0
Uses per day	100	100
Water usage	18,750 gal	0 gal
Cost of water per gallon	\$0.015*	\$0.015*
Total water cost per day	\$281.25	\$0
Total water cost per year**	\$70,312.50	\$0***

	Traditional Toilet	Low Flow Toilet
# of toilets	50	50
Gallons per flush	1.6	1.1
Flushes per day	200	200
Water usage	16,000 gal	11,000 gal
Cost of water per gallon	\$0.015*	\$0.015*
Total water cost per day	\$240	\$165
Total water cost per year**	\$60,000	\$41,250

	Traditional Showerhead	Low Flow Showerhead
# of showerheads	10	10
Gallons per minute	2.5	1.5
Minutes per use	5.3	5.3
Uses per day	2	2
Total water usage	265 gal	159 gal
Cost of water per gallon	\$0.015*	\$0.015*
Total water cost per day	\$3.98	\$2.38
Total water cost per year	\$933.75	\$595

## WaterSense®

WaterSense makes it easy to find and select water-efficient products that can help your wallet and the environment. WaterSense labeled products are backed by independent, third-party testing and certification, and meet EPA's specifications for water efficiency and performance. When you use these water-saving products in your home or business, you can expect exceptional performance, savings on your water bills, and assurance that you are saving water for future generations.

[Click Here to search for available rebates in your area](#)

Information sources include W.W. Grainger, EPA.gov

If you are still having difficulty with Water Conservation Products, please contact us at [askzoro@zoro.com](mailto:askzoro@zoro.com) or 855-289-9676



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