



February 2018

# WATER CONSERVATION NEWSLETTER

WATER CONSERVATION TRACKER

DOWN 28.5%



June 2015—October 2017

“Conserve... It’s a California Way of Life”

## City Council:

- Mayor:  
Larry Farr
- Vice-Mayor:  
Greg Watkins
- Councilmember:  
Pamelyn Ann Morgan
- Councilmember:  
Richard Kern
- Councilmember:  
Janice Powell

John Duckett  
City Manager

Tony Thomasy  
Water Treatment  
Superintendent &  
Water Conservation  
Coordinator

## City Office:

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Website:  
[www.cityofshastalake.org](http://www.cityofshastalake.org)

## Quick Facts

- *December 2017 was the second-driest on record in Redding in the last 124 years, with a miniscule .11 inches of rain. Normal rainfall for the month is 6.27 inches.*
- *Although water covers about 70% of our planet’s surface, less than one percent of that is safe and available for human use. That one percent must be shared among countries and continents and between the many residential, agricultural, commercial, industrial and environmental needs we all have. In the United States alone we demand 26 billion gallons of water every single day. Thirteen percent of that is for residential use, with each person in the country averaging as much as a hundred gallons of water per day. Because water consumption has increased threefold across the planet in the last fifty years, people everywhere are suddenly feeling the pinch. In the United States over the last few years, nearly every region of the country has experienced water shortages.*

## STATE ADOPTS ENVIRONMENTAL STANDARDS FOR CANNABIS CULTIVATION

In October 2017, the State Water Board adopted a new statewide policy establishing strict environmental standards for cannabis cultivation in order to protect water flows and water quality in California’s rivers and streams. Commercial cannabis cultivation is expected to grow significantly and spread to new areas of the state following adult use legalization. If left unregulated, cannabis cultivation could pose serious threats to water quality and fish and wildlife by diverting water or releasing fertilizers, pesticides, and sediments into waterways. “We are establishing the environmental protection rules of the road needed to deal with the expected expansion of cannabis cultivation statewide,” said State Water Board Chair Felicia Marcus. “Today’s action creates a strict set of rules cannabis cultivators will need to follow in order to protect water quality and quantity. We will work closely with other state agencies to make sure cultivators are aware of these rules and are following them.” You can visit [www.waterboards.ca.gov](http://www.waterboards.ca.gov) for more information on the Cannabis Cultivation Policy.

**Note:** The City of Shasta Lake does not allow commercial outdoor cultivation, however with the passage of proposition 64 by voters on November 8, 2016, adults 21 years of age or older may cultivate up to 6 plants for personal use indoors or outdoors at their residences.



## Water Footprint of Common Consumer Items, the amount of water used to make each product below from start to finish

Car	13,737—21,926 gallons
Leather Shoes	3,626 gallons
Smart Phone (mobile)	3,190 gallons
Bed Sheet (cotton)	2,839 gallons
Jeans (cotton)	2,108 gallons
T-shirt (cotton)	659 gallons

## Free Conservation kits, Water Audits, and Landscape Surveys

The City of Shasta Lake continues to offer a limited number of **free** Water Audits and Landscape Surveys. Conservation items are available at the front desk at City Hall. Please call 530-275-7400 or visit our website at: [www.cityofshastalake.org](http://www.cityofshastalake.org) for more information. This Fall the City will have a limited number of 2018 water conservation calendars available for pick up.

### **What is a Water Audit?**

With your permission we will gladly come to your home and determine the most efficient way for you to conserve water..... for free! While we are there, we can complete a landscape survey and offer advice on how to apply your outdoor water use more efficiently. Often we find faulty or worn sprinklers which causes some areas to receive too much water and other areas not enough.

### **Turf Replacement Rebates still available**

California still offers rebates for turf replacement. Go to [www.saveourwaterrebates.com](http://www.saveourwaterrebates.com) for additional information.

## **OUTDOOR TIPS FOR SPRING**

**Here are some helpful Springtime tips**

1. **Tune up your system.** Inspect irrigation systems and check for leaks and broken or clogged sprinkler heads. Fix sprinkler heads that are broken or spraying on the sidewalk, street, or driveway. Just one broken sprinkler head can waste up to 25,000 gallons of water over a six-month irrigation season.
2. **Separate your plants into zones.** When planting, assign areas of your landscape different hydro-zones depending on sun/shade exposure, soil and plant types, and type of sprinklers, then adjust your irrigation system or watering schedule based on those zones' specific needs. This helps you avoid overwatering some areas or under-watering others.
3. **Add a pre-emergent to your lawn.** A healthy, thick grass will use water more wisely once summer is here. Adding a pre-emergent to your lawn in the spring will help reduce, if not eliminate any weed growth.
4. **Keep it balanced.** Put measuring cups in various places around your lawn and run the sprinklers for 15 minutes. This will give you an idea of how much water the grass is getting and where. You're looking for about one to two inches—depending on the soil—evenly distributed.

**Visit our Website:**

**[www.cityofshastalake.org](http://www.cityofshastalake.org)**

**for more information on**

**Rebates and Conservation Tips**