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**STATEWIDE DROUGHT CONDITIONS**

Last month, this newsletter highlighted Governor Brown’s Declaration of a Drought State of Emergency on January 17<sup>th</sup>, and the reality of the record dry conditions in what is anticipated to be the driest year on record for California. Since then, there have been media reports and public agency announcements throughout the state which has demonstrated that the effects are real and severe for California.

The bulk of South Orange County’s water supply is imported water from the Metropolitan Water District of Southern California (MET). MET’s imported water is primarily supplied from the Colorado River and the State Water Project (SWP). For this first time in the SWP’s 54-year history, the flow of water from the SWP (Northern California/Bay Delta Supply) has been reduced to zero, a significant and adverse impact. This means that MET will be relying on its Colorado River allocation and its storage supplies.

Thankfully, due to MET’s significant water storage infrastructure improvements and the successful conservation efforts over the last decade, Southern California water demands are anticipated to be met for 2014.

The February 19, 2014 Regular Board Meeting included an update concerning the statewide drought and the possible impacts on local water sources. This presentation included a review of TCWD’s Water Conservation Ordinance (Ordinance No. 2008-18) which became effective on January 1, 2009, and has remained in effect since that time. The Ordinance includes a set of Permanent Provisions which are in effect at all times; clearly defined Water Supply

Shortage Alert Levels and their respective mandatory conservation measures; and penalties for Ordinance violations. The TCWD Board called for continued voluntary conservation and did not impose any mandatory conservation requirements. To learn more about the Ordinance, please visit TCWD’s website at [www.tcwd.ca.gov](http://www.tcwd.ca.gov) and click on the “Drought Update” tab.

**PERMANENT PROVISIONS**

As noted above, the Permanent Provisions have been in effect since 2009, whether or not there are drought conditions. Generally speaking, the Permanent Provisions are sound water conservation measures that all TCWD customers can use to assist in the statewide conservation effort during this drought. Some of the Permanent Provisions are...

**LIMIT SPRINKLER TIMES TO 10 MINUTES OR LESS PER STATION**



**IRRIGATE AFTER 6:00 PM AND BEFORE 9:00 AM**



**ALWAYS TURN OFF SPRINKLERS WHEN IT’S RAINING**



**FIX LEAKY FAUCETS, TOILETS, AND BROKEN SPRINKLER HEADS**



## HOW MUCH IS A 20% REDUCTION?

With the onset of the Drought, there have been calls from many water agencies and municipalities for a voluntary reduction in water use for up to 20%. But how much is a 20% reduction in water use? The Association of California Water Agencies (ACWA) has prepared an infographic for member agencies to show how you can have a direct impact on the total water demand on the statewide drought even in the smallest of ways.

Beginning with the assumption that the average California resident uses close to 196 gallons of water per day, a 20% reduction in water use equals 39 gallons of water a day. This simplified take on conservation lends itself to simple ways that all of us collectively can tackle water waste and encourage water use efficiency. These are just a few small ways to conserve water at a local level.

# WHAT DOES A 20% REDUCTION

*in water use look like?*

**AVERAGE DAILY USE**  
The average Californian uses 196 gallons of water per day. Here are some easy ways to reduce water use. Find the right combination for you to reduce by 20% or 39 gallons a day.



INSTALL AERATORS ON BATHROOM FAUCETS  
*saves*  
**1.2 GALLONS**  
per person/day



WASH ONLY FULL LOADS OF CLOTHES  
*saves*  
**15-45 GALLONS**  
per load



TURN OFF WATER WHEN BRUSHING TEETH OR SHAVING  
*saves*  
**10 GALLONS**  
per person/day



TAKE FIVE MINUTE SHOWERS INSTEAD OF 10 MINUTE SHOWERS  
*saves*  
**12.5 GALLONS**  
with a water efficient showerhead



FIX LEAKY TOILETS  
*saves*  
**30-50 GALLONS**  
per day/toilet



INSTALL EFFICIENT, WATERSENSE-LABELED SHOWER HEADS   
*saves*  
**1.2 GALLONS**  
per minute  
OR  
**10 GALLONS**  
per average 10-minute shower



INSTALL A HIGH-EFFICIENCY WATERSENSE-LABELED TOILET (1.28 GALLON PER FLUSH)  
*saves*  
**19 GALLONS**  
per person/day

## REGULAR BOARD MEETING HIGHLIGHTS

The following items are highlights or matters discussed at the February 19, 2014, Regular Board Meeting:

- Status update on District Website Upgrade Project.
- Discussion concerning Statewide Drought Conditions.
- District Mid-Year Budget Review.
- Discussion concerning the Water Reliability and Emergency Storage Fee
- Status update on Baker Water Treatment Plant.
- Status update on Alternate Raw Water Transmission Line.

- Status update and action to ratify a one-time basin landscape contract of \$23,960 for the Shadow Rock Detention Basin Facility Project.
- Discussion concerning ACWA's Statewide Water Action Plan

## BOARD OF DIRECTORS MEETING

The Board of Directors Regular Meeting is scheduled for the third Wednesday of each month at 7:00 p.m. at the District's Administrative Facility, which is located at 32003 Dove Canyon Drive, Trabuco Canyon. The public is encouraged to attend.

For more tips on reducing water use, visit [saveourH2O.org](http://saveourH2O.org)

