

## BOARD OF DIRECTORS

Ed Mandich, President  
Jim Haselton, Vice President  
Glenn Acosta, Director  
Stephen Dopudja, Director  
Mike Safranski, Director

## GENERAL MANAGER

Don Chadd

# ON TAP

Volume 18 Issue 7

July 2012

## INDOOR WATER USE

Water is a precious natural resource that is used in a wide variety of applications to meet our daily needs. Not only is water essential for sustaining human life, but it is important to many household appliances which are designed to improve our quality of life. Consider the following consumption estimates:

- A single flush of a toilet in a home that was built in the late 1980s or early 1990s, and still has the original toilets: **3.5 gallons per flush**
- Brushing your teeth for 2 minutes without turning off the water: **3 gallons**
- A 10 minute shower (with no flow restrictor in the shower head): **25 gallons**
- A single load of laundry in a 5 year old washing machine: **42 gallons**
- A leak in your home plumbing can account for one-sixth of all indoor water use. At the estimated value of 75 gallons per person per day, this amount can be up to **12 gallons**

TCWD estimates approximately seventy-five gallons is the average indoor water use per person per day. Of course, this number can vary from person-to-person, and day-to-day. This information can be instrumental when considering your household's monthly water usage, and different ways to conserve personal consumption.

## OUTDOOR WATER USE

District staff members frequently receive questions concerning proper outdoor water use – “How much irrigating is enough?” “How much irrigating is too

much?” “Where can I learn this information to make an informed decision?” Many of the questions posed by the community deal with making your garden more California Friendly without any major renovations. Here are five ideas from Metropolitan Water District of Southern California (MWD) website [www.bewaterwise.com](http://www.bewaterwise.com) that can assist with water conservation, plant health improvement, irrigation run-off reduction, and help create a California Friendly garden.

*“A California Friendly garden is water efficient, so the first step is to...”*

### ***1. Tune-up your Irrigation System***

An irrigation system that has leaks, broken parts and isn't working properly can be the biggest water-waster of all. Make your own repairs or hire someone to do them.

### ***2. Create a watering schedule***

An effective irrigation schedule is one that is tailored to your garden and set on your controller. Adjust the time with seasonal weather changes – and turn it off for rain. The soil in the root zone should be moist, not saturated.

### ***3. Aerate your soil and lawn***

Over time, soil compacts and forms an impenetrable surface. Aeration breaks up the hard surface so the water can soak in to give your plants more oxygen, nutrients and water. And you'll see less water running down the street.

*For planter beds*, use a hand tool to gently turn the surface of the soil. Be careful working in the root zones so you don't damage your plants.

**For lawns**, use a manual coring aerator (available at home improvement stores) or rent a machine. It's wise to water one to two days before you plan to aerate to moisten the soil so it doesn't compact around the holes. Make two to three passes over each area, with holes about three inches apart.

#### **4. Mulch your plant beds**

It is important to keep in mind that water quickly evaporates from bare soil. Mulch minimizes water loss, helps control weeds, and returns nutrients to the soil as it decomposes. Keep it replenished because it will help your garden look terrific. Spread a two to three inch layer of mulch in plant beds and around trees. Keep mulch away from the base of shrubs and trees in order to prevent decay and disease.

**5. Change spray heads** in lawn and shrub areas to low-precipitation multi-stream rotators. The multi-stream rotators use up to 30% less water than traditional spray heads because they apply water more slowly and evenly. Use bubblers, drip irrigation or low-volume spray heads in planter beds. Drip irrigation may be a good choice in shrub areas where kids and pets aren't likely to accidentally disconnect a drip line.

As always, please feel free to speak with District staff members at the Main Office via phone or in person to discuss California Friendly garden conversions.

#### **BOARD OF DIRECTOR APPOINTMENT**

Director Matt Disston resigned his Board of Director position effective May 2, 2012. The Board of Directors (Board) determined at the April 2012 Regular Board Meeting to fill the vacancy by appointment, to advertise the vacant position, and solicit applications from qualified candidates residing within the District. Using the appointment method requires appointment of a new Director within 60 days of the vacancy, which would be not later than July 1, 2012.

On June 20, 2012, a Special Board Meeting was held to provide the Board an opportunity to interview the final candidate selected by the Ad Hoc Board Vacancy Selection Committee. At the following Regular Board Meeting, the Board appointed the final candidate Mr. Stephen Dopudja to the Board. All of us at TCWD welcome Director Dopudja, and look forward to working with him.

#### **BOARD OF DIRECTORS MEETING**

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

#### **REGULAR BOARD MEETING HIGHLIGHTS**

The Regular Board Meeting was held on June 20, 2012, and the following items are highlights from the Meeting:

- Appointment to Fill Vacant Board of Director Position
- Discussion and Action Relating to the April 20, 2012, Orange County Grand Jury Report and Required Response
- Status Update and Action Relating to Organizational Analysis of TCWD
- Adoption of Resolution 2012-1167 Establishing Appropriations Limit for Fiscal Year 2012/2013.
- Discussion and Action Regarding Authorization on Incumbency and Certificates Relating to the Bank of New York Mellon Trust Company, N.A.
- Adoption of Resolution No. 2012-1168 Approving Fiscal Year 2012/2013 General Fund Budget.
- Adoption of Resolution No. 2012-1169 Approving Fiscal Year 2012/2013 Capital Improvement Program Budget.
- Adoption of Resolutions Approving Fiscal Year 2012/2013 Debt Service Budgets.
- Status Update and Action Regarding Collection Accounts.
- Status Update Relating to the Baker Regional Water Treatment Facility.
- Status Update Relating to the Alternate Raw Water Transmission Line (ARWTL).
- Status Report and Action Relating to Dove Reservoir/Trabuco Reservoir Inter-Tie and Trabuco Highlands Pressure Reducing Stations.
- Status Update and Action Relating to Shadow Rock Detention Basin Facility Project.