



VENTURA  
WATER™

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Ventura Water | Pipeline

Vol. 8, No. 7 | July 2018



## Ventura Water Celebrates a New Water Wise Landscape Project

Ventura Water, in partnership with the [Surfrider Foundation's Ocean Friendly Garden Group](#) (OFG) and Ventura High School's Greener World Action Team (GWAT), replaced approximately 1,100 square feet of turf with a water wise landscape at the corner of Main and Catalina streets. This student-led initiative will save water, prevent stormwater pollution, and act as a demonstration garden for the public.

The OFG program applies "CPR" – conservation, permeability, and retention – to landscapes. Ocean Friendly Gardens support healthy soils, retain rainwater, and incorporate climate-appropriate plants. Landscape experts from Surfrider Foundation's local OFG chapter worked collaboratively with the Ventura High School students to design the sustainable campus garden.

In April 2018, the City Council recognized Ventura High School as the 2017-2018 [Watershed Hero Award](#) winner for their efforts. Be sure to stop by and admire the hard work of a passionate group of students and volunteers.



### Dear Valued Customer -

Ventura Water is committed to delivering a safe and dependable supply of drinking water that meets or exceeds all drinking water quality and health standards.

We are pleased to present our [2018 Consumer Confidence Report \(CCR\)](#). This annual water quality report provides a snapshot of where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. Every year, Ventura Water tests your water at multiple points in the distribution system, as well as in our treatment plants, watersheds and reservoirs.

Thank you for partnering with us to protect our local water resources. It is our collective responsibility to safeguard our water and use it efficiently, especially during dry conditions. Ventura Water would like to remind all its customer that the City of Ventura remains

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## Congratulations to Our Two New Water IQ Quiz Winners!

It's not too late to Test Your Water IQ and enter to win amazing prizes! Take **Quiz #4** before July 30, 2018 to enter to win a pair of tickets to Gavin DeGraw at the Ventura Theater and a hydro backpack!

- The winner will be announced July 30, 2018
- Winners must be available to pick up their prize at 336 Sanjon Rd Ventura, CA 93002
- Quizzes will be published twice a month

Visit Ventura Water's [website](#) for ways to save water and money this summer.



## VentureWaterPure – Ventura's Path to Potable Reuse

The City of Ventura is currently preparing an Environmental Impact Report (EIR) for the VenturaWaterPure Project which includes an Advanced Water Purification Facility (AWPF) for potable water reuse. This project is driven by Water Supply needs and by a Consent Decree, filed with the U.S. Central California District Court between the City, Wishtoyo Foundation's Ventura Coastkeeper, and Heal the Bay for the protection of the Santa Clara River

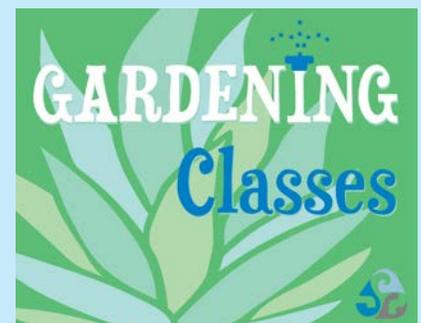
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in a Stage 3 Water Shortage Event. For more information on activities that are prohibited under Ventura's Water Waste Ordinance visit [www.venturawater.net](http://www.venturawater.net).

Looking for ways to save this summer? Apply today for a free smart irrigation controller and high efficiency sprinkler nozzles with professional installation. Click [here](#) to find out more about Ventura Water rebates and incentives designed to help customers meet the 20 percent reduction goal.

Sincerely,

Kevin Brown,  
Ventura Water General Manager



## Upcoming Gardening Classes

RSVP [here](#) or to view the full schedule click [here](#).

**Aug 18:**  
**Rainwater and Greywater 101**

**Location:** City of Ventura Maintenance Yard, 336 Sanjon Road

**Time:** 10-11:30 a.m.

Learn to install a rain barrel, redirect your downspout, and maintain a laundry to landscape system at your property.

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Estuary. The Consent Decree requires that Ventura divert a specific volume of discharge from the Ventura Water Reclamation Facility (VWRF) to reuse purposes.

The VWRF currently treats approximately 7.5 million gallons per day of wastewater to Title 22 standards, some of which is recycled and used to irrigate parks and golf courses in the Olivas Adobe and Harbor areas and is available to the public through our Recycled Water Mobile Reuse Program. While these are beneficial forms of reuse, they do meet the Consent Decree requirements. After years of studies and stakeholder meetings, the City determined the best way to respond to the legal and regulatory pressures, while improving the quantity and reliability of local water supplies is to divert the discharges to an AWPF and use the pure water for indirect, or if permitted by regulators, direct potable reuse.

Potable Reuse is the planned use of recycled water to supplement drinking water supplies and has been in practice in California for over 50 years. Los Angeles County and the Orange County Sanitation District have been replenishing groundwater basins with the indirect potable reuse method (IPR), which means that the purified recycled water is placed into the local groundwater basin for a designated time frame (minimum two months). This creates an environmental buffer, allowing sufficient time for an agency to detect, recognize and respond to any potential treatment failures. Direct Potable Reuse (DPR) is the planned introduction of recycled water directly into a public water system or into a raw water supply immediately upstream of a water treatment plant. While both indirect and direct methods use the same treatment processes to purify water, DPR has an engineered buffer instead of an environmental buffer to create time to detect, recognize, and respond to any potential failures.

A great amount of research has been involved in regulating Direct Potable Reuse. Assembly Bill 574 required the State Water Board to adopt uniform water recycling criteria for DPR by December 31, 2023 and recommended that the Board establish a framework to regulate potable reuse projects by June 1, 2018. An Expert Panel was formed and provided an evaluation to the State Water Resources Control Board that affirmed that DPR is feasible and recommended ways to develop regulatory criteria to ensure public safety. The SWRCB has recently released a proposed framework for regulation that is being reviewed by the industry.

Given the need to reduce discharges, paired with the need to find an additional 5,400 acre-feet per year of water supply, the City proposes to establish a system of potable reuse that allows for both IPR (into local groundwater basin) and DPR (to the distribution system). There are several reasons for implementing both IPR and DPR:

- The City needs a reliable water supply and a place to divert potentially 90-100 percent of its effluent.
- IPR allows for local groundwater recharge and provides storage during wet periods.
- Purified water is of better quality than the groundwater.
- Groundwater basins are vulnerable to political and regulatory restrictions.
- DPR has been demonstrated to be safe and reliable by the City's own pilot study, as well as many other research projects. These projects are directly addressing California's scientific concerns.
- Within the United States, Big Spring, Texas has been operating DPR for over four years. A two-year water quality and health study documented the safety of this system. Other cities in Texas are moving forward with their own DPR projects, including El Paso.

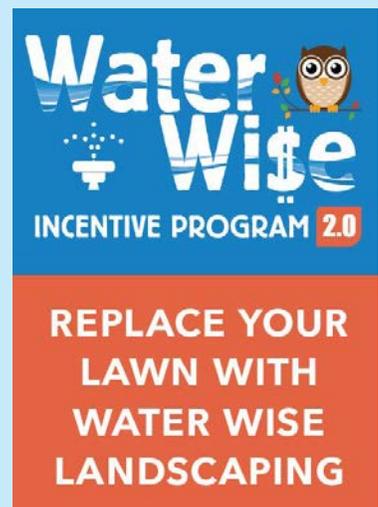
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## **Sept 8: Tree Watering Tutorial**

**Location:** Green Thumb International, 1899 South Victoria Ave.

**Time:** 10-11:30 a.m.

Gardening experts from Green Thumb will be covering best practices for tree watering during seasons of water shortage. Come learn water-efficient tips to keep your trees healthy and happy.



- National and statewide guidance as well as regulations are in place to guide the safe implementation of DPR in Arizona, Nevada, Florida, Texas, Colorado, New Mexico and California.

We encourage residents to check out other potable reuse projects:

- [City of Oxnard's GREAT program](#)
- [Central Coast Blue in Pismo Beach](#)
- [Pure Water San Diego](#)
- [Pure Water Monterey](#)
- [Santa Clara Valley Water District's Silicon Valley Advanced Purification Center](#)



Ventura Water



Ventura Water CA



YouTube Channel



Ventura Water Website



**VENTURA  
WATER™**

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[www.venturawater.net](http://www.venturawater.net)

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Recycled Water  
Mobile Reuse Program

**USE RECYCLED  
WATER TO  
IRRIGATE YOUR  
LANDSCAPE**

**FREE**

**FREE HIGH  
EFFICIENCY  
SPRINKLER  
NOZZLES**

**FREE SMART  
SPRINKLER  
CONTROLLER**