



VENTURA WATER™

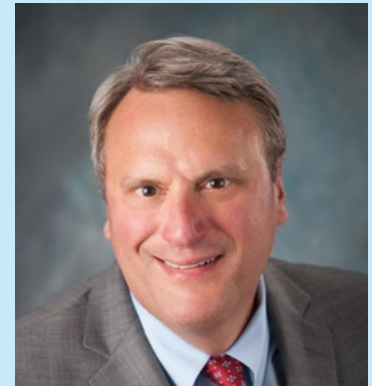
Trusted life source for generations



Green Schools Program is Back in Session!

With the start of the new school year, Ventura Water’s Green Schools Program is back in session providing education outreach to classrooms across the City! During the 2017-18 school year, Ventura Water reached over 6,000 students in 240 different classrooms.

The Green School Program addresses a variety of water topics including local water resources, water cycle, and water conservation. Lesson plans are hands-on, grade-specific, and aligned with Next Generation Science Standards. To learn more about the program or schedule a presentation, visit [here](#).



Dear Valued Customer -

As you know, the challenges we face as a community to ensure our local water resources are secure and sustainable are Ventura Water’s top priority. One facet of this responsibility falls under the management of the four groundwater basins the City utilizes as sources for drinking water. They are identified as the Upper Ventura River Basin, the Mound Basin, the Santa Paula Basin and the Oxnard Plain Basin. The groundwater from these basins makes up a significant portion of the City’s water supply, particularly during dry years.

In 2014, the State Legislature passed the Sustainable Groundwater Management Act (SGMA) to improve management of groundwater basins and give local agencies a chance to manage the basins as Groundwater Sustainability Agencies (GSAs). The legislation is critical in bridging land use and groundwater management through coordination of General Plans and Groundwater Sustainability Plans

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Congratulations to Our Water IQ Quiz Winners!

Thank you to the more than 300 people who participated in Ventura Water's 2018 summer conservation campaign! This summer, Ventura Water partnered with Cumulus Radio (95.1 KBBY and 100.7 KHAY) to raffle off prizes to residents who were willing to test their water knowledge. Thanks to generous sponsors, this year's prizes included amusement park tickets, gift cards, and outdoor merchandise. We hope you will continue to partner with **Ventura Water** to raise awareness and highlight the importance of saving water!



Betsy Cooper, Water Resources Manager

The stories of the people who work to deliver and protect Ventura's water...

1. Describe your job.

As the Water Resources Manager, I am involved in the planning and implementation of projects that improve the City's water and wastewater

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(GSPs). The City is a member of the Upper Ventura River Groundwater Basin GSA and the Mound Basin GSA. The City participates in the development of the GSP for the Oxnard Plain Basin, but Fox Canyon Groundwater Management Agency is named in the legislation as the GSA.

SGMA requires GSAs to be identified for groundwater basins ranked as medium or high priority by the Department of Water Resources (DWR). The Upper Ventura River and Mound Basins are currently both medium priority basins. For these two basins, GSPs that define the amount of groundwater that can be extracted from the basin must be developed by January 1, 2022. Furthermore, basins are expected to reach sustainability by January 1, 2042. Ensuring that the basins reach and maintain balance will require a mixture of reduced pumping and projects to recharge the basins.

Ventura Water staff will continue to be engaged in the process to maintain balance and proper stewardship of these groundwater basins.

Sincerely,

Kevin Brown,
Ventura Water General Manager



Upcoming FREE Gardening Classes

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systems. Dealing with water supply and environmental issues keeps me busy.

2. What do you like best about your job?

I have been a resident of Ventura for over 30 years. Working on projects that improve the community that I live in is the best part of my job.

3. How did you get into the water industry?

Through pursuing a civil engineering degree, I found I was most interested in water resources-related classes. After graduating from college, I was lucky to land my first job in beautiful Ventura with a consulting firm that specialized in water resources projects. I started working for the City of Ventura in 1995 in the Engineering Division of Public Works. I have worked on a wide variety of projects at the City, but my passions continued to be working on water-related projects. Transferring to Ventura Water has now allowed me to focus entirely on water and wastewater projects.

4. What is something unique about yourself?

I am part of a UC Davis family. My husband and I met at and graduated from UC Davis. We have two daughters. One graduated from UC Davis in 2016 and the other just finished her junior year there.

5. What is your favorite hobby?

Running with friends is definitely a favorite hobby. Playing golf is becoming a close second.



Potable Reuse – What is Advanced Water Purification?

In our discussions on moving [Ventura forward with Potable Reuse](#) there are many terms that at first sound too complicated. Take for instance, the Advanced Water Purification process that is proposed Advanced Water Purification Facility (AWPF). What does “advanced” mean? What makes the water “pure”?

Advanced Water Purification is a multi-barrier process to treat water to a higher quality than its current state. For the VenturaWaterPure AWPF, the goal

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Sept 1: Renovating Your Landscape

Location: A Smart Garden at 33 S. Palm St., Downtown Ventura
Time: 10:30 a.m.-12 p.m.
RSVP: 805-667-8585

Learn quick fixes that will transform your yard into a drought-tolerant, low-maintenance, and water-efficient landscape.

Sept 8: Tree Watering Tutorial

Location: Green Thumb International, 1899 South Victoria Ave.
Time: 10-11:30 a.m.
RSVP [HERE](#)

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.



is to meet drinking water quality standards for Potable Reuse. The process will include three main components:

1. **Membrane Filtration**
2. **Reverse Osmosis**
3. **Oxidation**

Membrane Filtration separates particles from water. In the VenturaWaterPure AWPf, ultrafiltration will be utilized to remove solids, bacteria, and viruses. The membrane pore size is 0.01 microns. In comparison, the cross-section of a human hair is 50 microns, that means that particles 5,000 times smaller than the width of a human hair can be filtered out of the water. To enhance this filtration step even further, Ventura Water is looking at adding an ozone/BAF (Biologically Active Filter) process that will provide disinfection of the water and adsorb any additional particles.

Reverse Osmosis is using a different kind of membrane under high pressure to remove the smaller stuff, like salt and minerals. This is the primary process of water desalination and commonly used in the drinking water industry.

Oxidation is the final purification step. The technology used here involves using an oxidation source such as hydrogen peroxide or electricity to separate anything left in the water from the water (H₂O) molecule. Then, ultraviolet light (UV) is passed through the water to irradiate trace compounds, such as pharmaceuticals, endocrine disruptors and volatile organic compounds.

The final product of this Advanced Water Purification Process is the “pure” water molecule, treated to a standard that exceeds California’s current drinking water regulations. All these technologies have been proven in the treatment of water and wastewater and are considered essential for potable reuse.



Ventura Water



Ventura Water CA



YouTube Channel



Ventura Water Website



VENTURA
WATER™

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RESIDENTIAL
Recycled Water
Mobile Reuse Program

**USE RECYCLED
WATER TO
IRRIGATE YOUR
LANDSCAPE**

FREE

**FREE HIGH
EFFICIENCY
SPRINKLER
NOZZLES**

**FREE SMART
SPRINKLER
CONTROLLER**