

## Mesa Water Perpetually Improves, Invests In Infrastructure to Serve You Well

The Mesa Water District (Mesa Water®) Board of Directors' [strategic plan](#) has seven organizational goals, including providing a safe, abundant, and reliable water supply, and practicing perpetual infrastructure renewal and improvement. To achieve these goals, we continually work on maintaining and updating Mesa Water's infrastructure for [optimal performance](#).

For fiscal years 2018 and 2019, Mesa Water® is investing an average of \$10 million per year on capital improvements. In total, approximately 33 percent of our annual budget is allocated for capital improvements, the [prioritized](#) (by age and condition) repair and replacement of our pipelines and other assets, and operating and managing our water system which includes the Mesa Water Reliability Facility ([MWRF](#)) and:

- 7 groundwater wells
- 3 storage reservoirs
- 2 booster pump stations
- 317 miles of water mainlines
- 3,383 fire hydrants
- 5,139 mainline valves
- 23,786 water meters



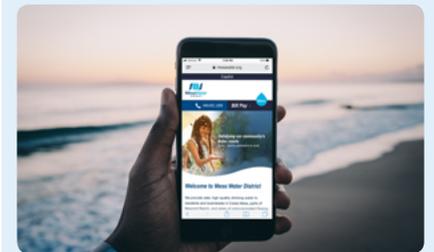
Recently, Mesa Water purchased property to build two new wells for added redundancy and resilience to our 100% local groundwater supplies. These new wells will also help sustain our community's reliable water service into perpetuity.

Investing in and improving our infrastructure minimizes the amount of water lost due to breaks or leaks. Indeed, Mesa Water is among North America's top-performing water suppliers with the least annual water loss through the water system.

Mesa Water is currently working on several major capital projects, such as:

- wells automation and rehabilitation
- reservoirs assessment and improvements
- [pipeline integrity](#) testing and repairs/replacements
- valve replacements for hydrants and mainlines
- meter replacements

For more information about Mesa Water's infrastructure, or to tour our MWRF, email [info@MesaWater.org](mailto:info@MesaWater.org), call 949.631.1201, or go to [MesaWater.org/about/infrastructure](http://MesaWater.org/about/infrastructure).



## Like @Mesa Water

Mesa Water's social media pages provide updates about our community events, infrastructure improvements, water education activities and tours, ways to be water-wise, and more! Join us in sharing water-wise tips on Wednesdays, and include our hashtag -- #WaterWiseWednesday -- with your post. To learn more about Mesa Water, and water in general, like and follow @MesaWater on [Facebook](#), [Instagram](#) and [Twitter](#). Let's stay connected!



## "Spring" Into Water-Wise Gardening!

Spring is a good time to freshen up the mulch in your garden. Natural mulch reduces moisture loss in soil, helps prevent weed growth, and puts the finishing touch in a beautiful California Friendly garden!

Visit [MesaWater.org/save-water](http://MesaWater.org/save-water) for information about recommended watering schedules and [rebates](#) for water-saving devices and turf removal. For more water-wise tips, contact us by calling 949.631.1200 or emailing [conservation@MesaWater.org](mailto:conservation@MesaWater.org).

## Five Years of 100% Local Reliability

Since 2013, the award-winning [Mesa Water Reliability Facility](#) (MWRF) allows Mesa Water to serve you 100% local, reliable groundwater—a unique achievement in Orange County.

Using state-of-the-art nanofiltration technology, the MWRF removes the amber tint from water pumped from a deep underground aquifer. The tint is caused by remnants of plants and trees, including redwoods, which natural forces pushed underground eons ago. The amber water is high quality, soft, and drinkable as is...the tint is removed for aesthetics.

In 2011, \$24.5 million was invested on MWRF improvements to fulfill several Mesa Water Boards of Directors' longstanding vision of providing 100% local groundwater, which is more reliable and less costly than imported water. To date, the MWRF has produced over 8.4 billion gallons of water and saved us \$11.4 million in water supply costs.



## Mesa Water Sponsors Environmental Education

Mesa Water is sponsoring two unique water education programs -- What About Water and Solar Cup -- led by AP Environmental Science teacher Cristen Rasmussen at Costa Mesa High School ([CMHS](#)).

The What About Water program involves 30 students hosting a campus-wide expo to increase water awareness at CMHS by educating students, staff, and teachers on the importance of water conservation and preservation.



CMHS is also one of 39 high school teams throughout Southern California participating in the 2018 Solar Cup program. Students learn about water conservation and renewable energy by working together over seven months to build and race a solar-powered boat. The program culminates in May with a three-day competition at Lake Skinner in Temecula Valley. Go Mustangs!

## Two Operations Employees Advance

Mesa Water proudly announces advancements by two Operations Department employees—Detlef Goris and Tyler Jernigan.

Detlef's Mesa Water career spans 12 years, including work in water maintenance and as a crew leader. Having earned several Mesa Water awards and industry certifications, he was promoted to Water Quality Technician II, responsible for testing our water to certify it remains clean and safe.

Tyler joined our Operations team in 2016 and serves as a Senior Water Systems Operator to ensure our reliable water service. He recently received a D5 Operator Certification – California's highest certification for drinking water distribution operators.

Congratulations Detlef and Tyler for your accomplishments in serving our customers with safe and reliable water.



### BOARD OF DIRECTORS

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### GENERAL MANAGER

**Paul E. Shoenberger, P.E.**

### BOARD MEETINGS

Mesa Water's Board meets the second Thursday of each month. Regular meetings begin at 6 p.m. at 1965 Placentia Avenue, Costa Mesa, and are open to the public. For more information, call 949.631.1206.

Produced by Mesa Water's Board of Directors, **News On Tap** is a bi-monthly publication to inform Mesa Water's customers and community about water-based issues and events.

### We welcome your comments:

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