



All About **DESALINATION**

INSIDE THIS ISSUE

EMWD's Perris II Desalter can treat up to 5.4 million gallons per day — enough for more than 15,000 households per year. The new facility will help EMWD further drought-proof our region by using local water supplies.

NOTHING SALTY HERE

EMWD's third groundwater desalination facility opens this summer. Learn all about the desalination process.

LEARN ABOUT YOUR WATER QUALITY

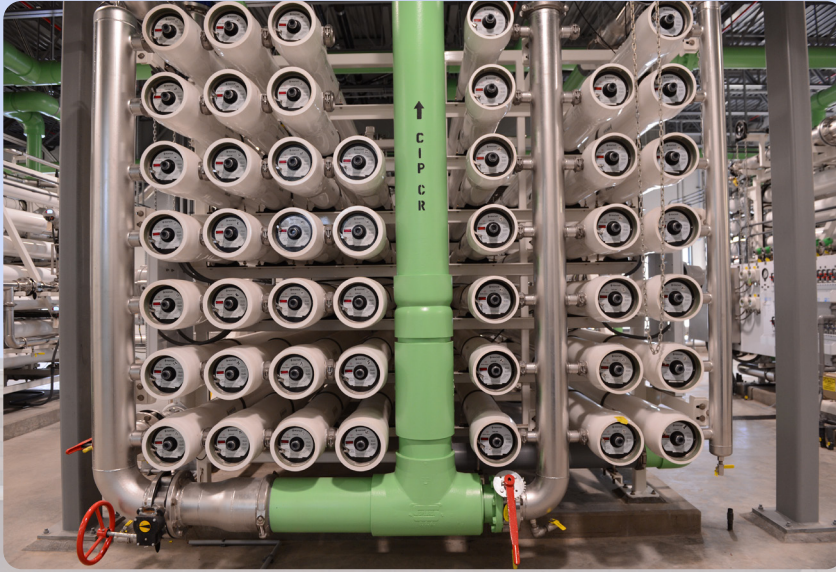
Our annual Consumer Confidence Report is now available to help you learn about your water quality

ASK EMWD

Our popular eConnect feature is now included in your monthly newsletter, starting with how to start a turf removal project.

SALTWATER

EMWD's Perris II Desalination Facility became operational in June, helping to further drought-proof our region by turning



What is Desalination: EMWD uses groundwater desalination because the groundwater in the Perris and Menifee areas is salty. By removing the salts, we are making beneficial use of an otherwise unusable groundwater supply.

The desalination process uses pressure to push the water through a series of filters with microscopic pores. The water molecules are able to pass through but the salts and other impurities are too large to pass through the filter and are removed.

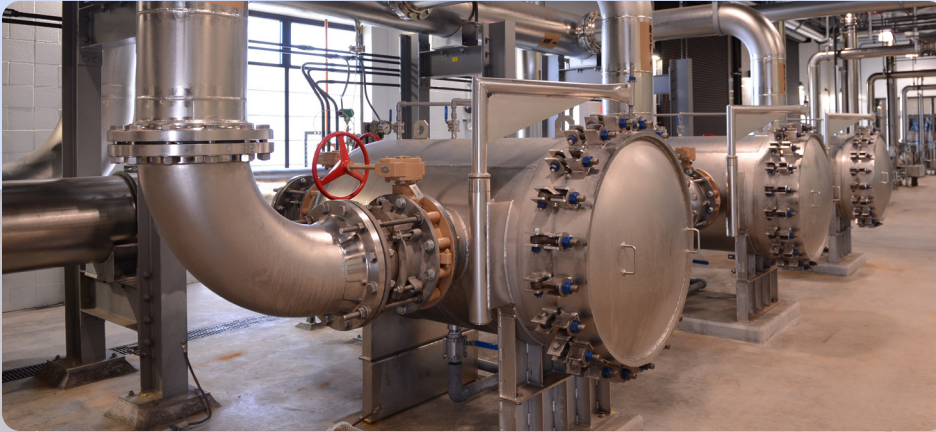
Where the Water Originates:

EMWD operates 13 groundwater desalter wells, primarily located throughout the Menifee, Perris, Lakeview and Nuevo portions of its service area. These wells are more than 500 feet deep and extract the salty groundwater, which is then sent to the Desalination Complex in Menifee.



SOLUTIONS

ing salty groundwater into a high-quality and reliable drinking water supply for more than 15,000 households annually.



Improving Groundwater Quality:

EMWD's Desalination Program will ultimately remove 65,000 tons of salt each year from the groundwater basin. Not only does this improve the water quality in the basin over time, but it also allows EMWD to use recycled water in the region that would otherwise not be permitted because of the desalination process.

A True Partnership: The Perris II Desalter was funded in part by approximately \$22.5 million in grant funding from the State Water Resources Control Board through Proposition 1, the 2014 voter-approved water bond.

Additional funding and in-kind support was provided by the United States Army Corps of Engineers, which provided \$10.8 million toward the construction of wells to support the new facility; the California Department of Water Resources; United States Bureau of Reclamation; Santa Ana Watershed Project Authority; and The Metropolitan Water District of Southern California.



Where Does The Salt Go?: At the end of the reverse osmosis process, the salty brine is discharged into the Inland Empire Brine Line. It is sent through the 70-mile pipeline to a treatment plant on the coast in Orange County, where it is ultimately discharged into the ocean.



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EMWD publications are designed to keep EMWD's customers and the public informed of matters affecting them.

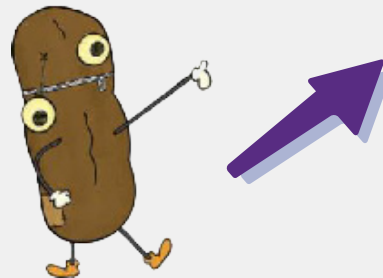
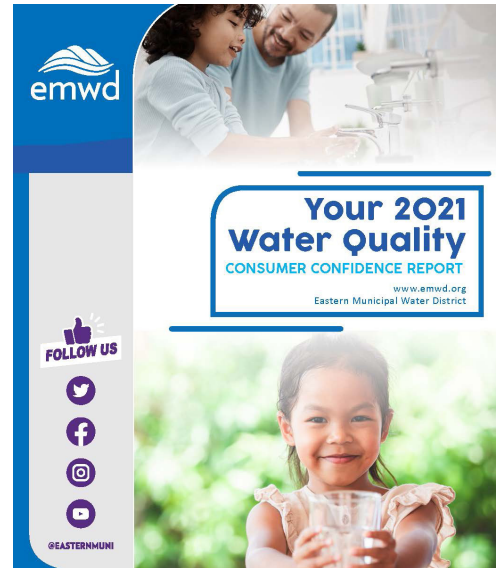


WATER QUALITY COMMITMENTS HIGHLIGHTED IN ANNUAL REPORT

EMWD has released its 2021 Consumer Confidence Report, which details the source and quality of your drinking water supplies.

EMWD is proud of its water quality and performed more than 39,000 tests in 2021 to ensure it met all state and federal drinking water standards.

The annual report is available online at www.emwd.org/ccr and hard copies may also be requested by contacting EMWD at 951.928.3777, ext 3430 or by filling out an online request form at www.emwd.org/webform/ccr-preference-form.



Q: I want to get rid of my grass lawn. Where do I begin?

A: This is a great question, and a great way to save water!

EMWD customers can receive up to \$3 per square foot through rebate programs through SoCalWaterSmart.com. Customers should apply for the program before removing their grass.

From there, EMWD's Landscapes for Living link on www.emwd.org has a variety of tools available to help you create a beautiful, water-saving landscape at your home!