



Sustainable Water Solutions for a Growing Community__

The French Valley Recycled Water Expansion Project



Eastern Municipal Water District, Riverside County



■ IMPACT

350 acre-feet
of potable water retrofitted
to recycled water per year.

114k sq. ft.
of nonfunctional turf removed.

\$1.6M
in utility incentives.

■ PROJECT DESCRIPTION

French Valley is a rapidly growing community in Riverside County, California. While Eastern Municipal Water District requires new development be built to deliver recycled water, some older neighborhoods still use potable water for irrigation and maintaining large swaths of nonfunctional turf.

EMWD worked with the Temecula Valley Unified School District and Valley-Wide Recreation and Park District to install dedicated recycled water systems to replace potable water when irrigating school campuses, parks and streetscapes in the community.

To help its public agency partners manage and afford the transition, EMWD handled the planning and permitting and fronted the cost of construction. EMWD built a new booster station, a two-million-gallon storage tank and more than 34,000 linear feet of pipelines to support the recycled water expansion. The project also installed more efficient irrigation equipment and replaced 114,000 square feet of turf grass with climate-appropriate landscaping.

The project was made possible through a combination of EMWD's Recycled Water Accelerated Retrofit Program and \$1.6 million in incentives from Metropolitan's On-Site Retrofit Program and Turf Replacement Program rebates. With a strong collaborative approach, EMWD and its partners successfully expanded the use of recycled water, saving money and water, and improving the resilience of the region's water supply.

■ PROJECT BENEFITS

- Provides a drought-proof source of water to irrigate community green spaces and landscaping that uses less water.
- Shows creative strategies to fund water-saving projects, making them more affordable and easier to implement.
- Encourages teamwork between cities, schools and developers to support water efficiency as a common goal.

