

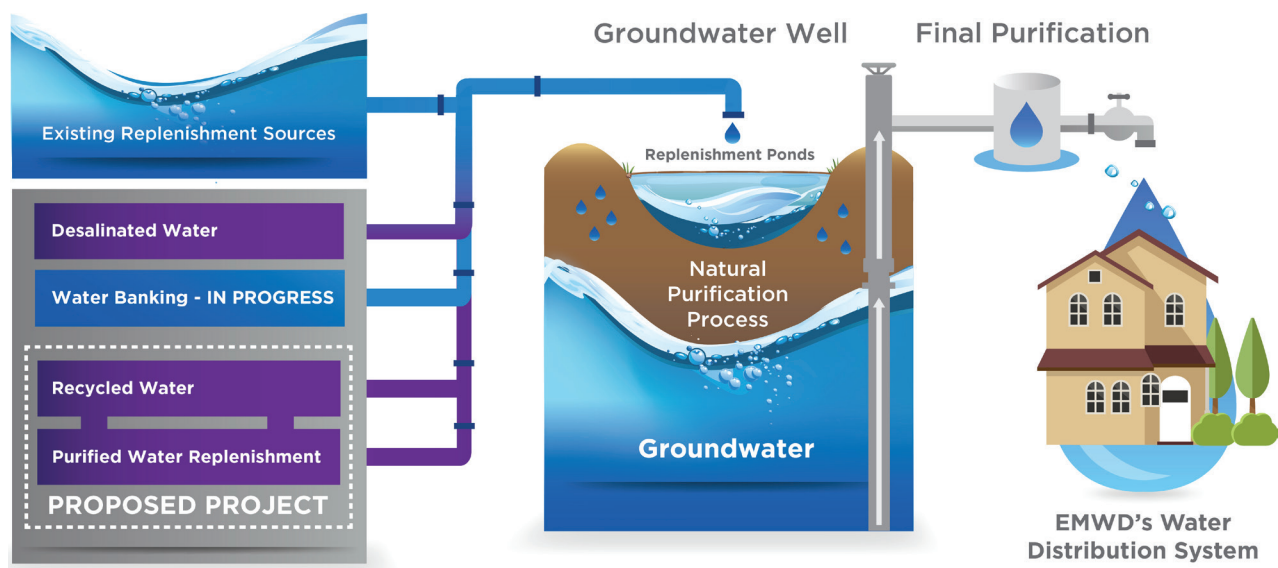


## GROUNDWATER RELIABILITY PLUS

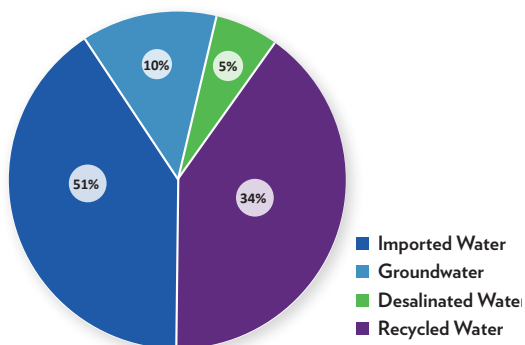
Securing Our Water Future

Since its inception, Eastern Municipal Water District (EMWD) has used forward-thinking methods to provide a safe and reliable water supply to all of its customers. To address the community's water needs, EMWD has developed and implemented projects and management practices that make the most of its water supply portfolio from imported, local and recycled water resources.

**GROUNDWATER RELIABILITY PLUS** is about EMWD's efforts to improve the quality and quantity of the water in our local groundwater basins, also called aquifers.



## EMWD'S WATER SUPPLY PORTFOLIO



Source: EMWD Comprehensive Annual Financial Report, FY Ending 2018

### ► WHAT IS RECYCLED WATER?

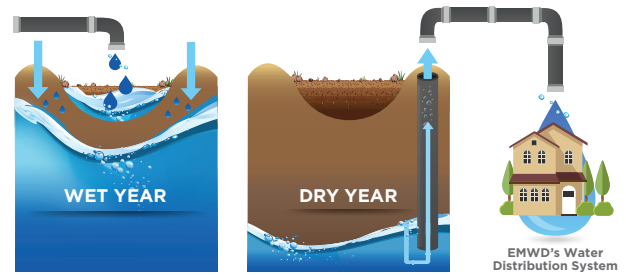
Recycled water is a safe, renewable, drought-proof water source. It is wastewater that has been cleaned to make it suitable and safe for irrigation, industrial and other uses.

Recycled water has been used for irrigation and industrial use—and as a supplement to drinking water supplies—for many years throughout California and the United States.

# GROUNDWATER RELIABILITY PLUS

**WATER BANKING** is a project that will replenish the San Jacinto Groundwater Basin with water during normal and wet years for short-term or long-term storage and use.

EMWD will construct groundwater banking facilities including percolation basins, pipelines and three production wells.

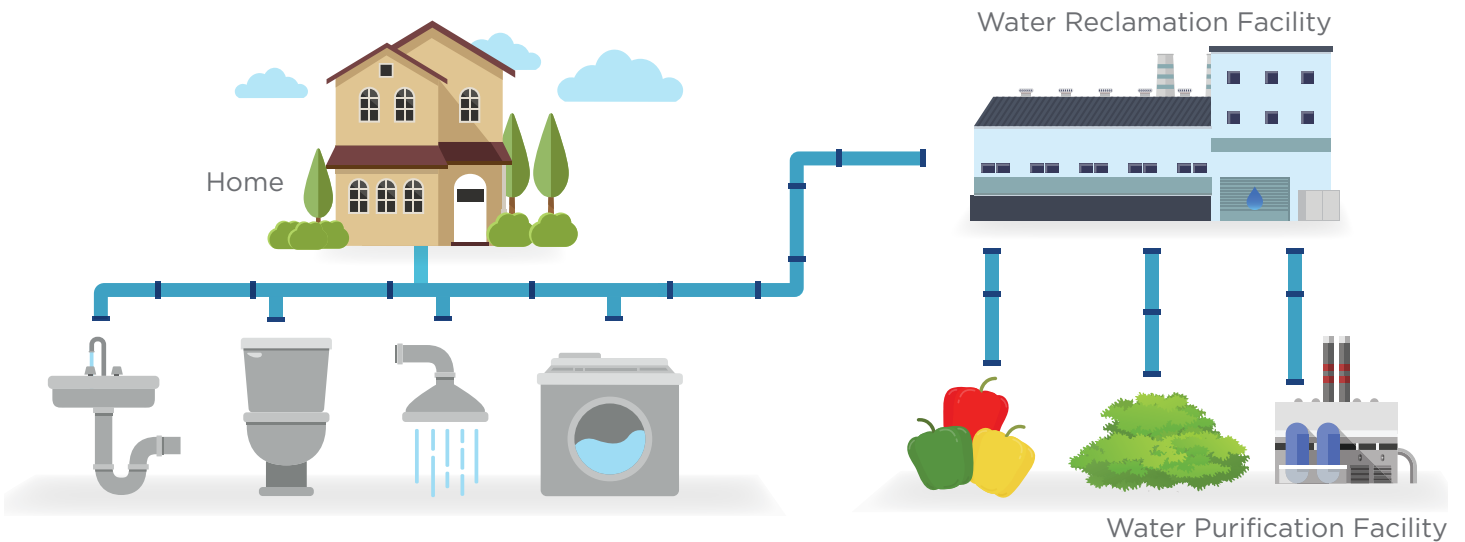


## Soil Aquifer Treatment

occurs when water, including recycled water, soaks into the ground and is purified by the physical and biological processes that naturally occur in soil.

## ► PURIFIED WATER REPLENISHMENT Our Newest Project

EMWD will start with recycled water and purify it using a multi-stage process of microfiltration and reverse osmosis. The purified water will then blend with additional treated water prior to being pumped into replenishment ponds, where it will be further purified through a natural purification process. Water pumped from the ground will go through one final cleaning step before it is sent to are homes and businesses.



You never know when the next drought cycle will occur. To better prepare for the future, EMWD is investing in projects that benefit our customers and reduce reliance on imported water.