



## SECURING OUR WATER FUTURE

### **Water Professionals Appreciation Week - October 2-8, 2022**

**EMWD celebrates its hard-working water, wastewater, and recycled water professionals**

EMWD is honored to celebrate our staff during Water Professionals Appreciation Week. One of EMWD's strategic priorities is to strive to attract and retain high-performing employees by creating and sustaining a work culture that is safe, ethical, innovative, inclusive, diverse, and that provides ample opportunities for development and advancement. Learn about career and internship opportunities available to join our team by visiting [emwd.org/careers](https://emwd.org/careers).

## INSIDE THIS ISSUE

### Creating Our Future Water Supply

Learn about EMWD's planned Purified Water Replenishment project with our informative infographic.

### Time Changes For Your Irrigation

When was the last time you adjusted your irrigation timer? Fall is the right time to check up on your irrigation system.

### Ask EMWD Explores Landscapes for Living

Learn all about the eligibility requirements of our Landscapes for Living program and rebates.

# PURIFIED WATER REPLENISHMENT

The planned Purified Water Replenishment project is part of EMWD's Groundwater Reliability Plus program to improve the quality and quantity of water in local groundwater basins. Purified Water Replenishment includes recharging a blend of advanced treated water (purified water) and recycled water into the ponds at the Mountain Avenue West Groundwater Replenishment Facility. Planned facilities include an advanced treatment facility adjacent to the San Jacinto Valley Regional Water Reclamation Facility, brine evaporation ponds, groundwater wells, replenishment ponds, and new conveyance pipelines for water delivery. When working together, these facilities all play an important role in providing our region with a safe and reliable water supply future and improving groundwater quality.



## FUTURE LOCAL DRINKING WATER



### 1. The Journey Begins...

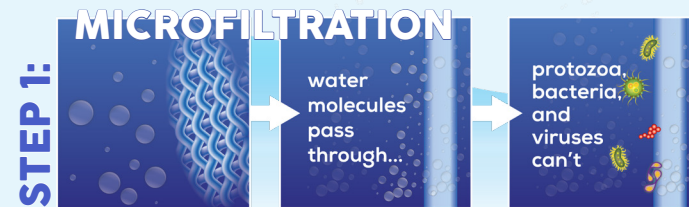


EMWD's San Jacinto Valley Regional Water Reclamation Facility, located on Sanderson Avenue, turns wastewater into a high-quality recycled water supply.

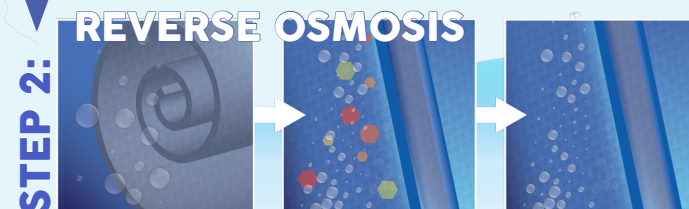
### 2. Advanced Treatment



EMWD's planned Purified Water Replenishment Treatment Facility, adjacent to the San Jacinto Valley Regional Water Reclamation Facility, will use microfiltration and reverse osmosis to purify recycled water.



Recycled water is pumped through tubes filled with tiny membranes made up of hollow fibers and perforated with holes 1/300th the width of a human hair. Solids and bacteria are caught in the fibers and removed.



High-pressure pumps force water through a semi-permeable membrane that transmits water but stops dissolved salts and other constituents.

### 3. Through the Pipeline



Pipelines will take the purified water to the eastern portion of San Jacinto to EMWD's Mountain Avenue West Groundwater Replenishment Facility.

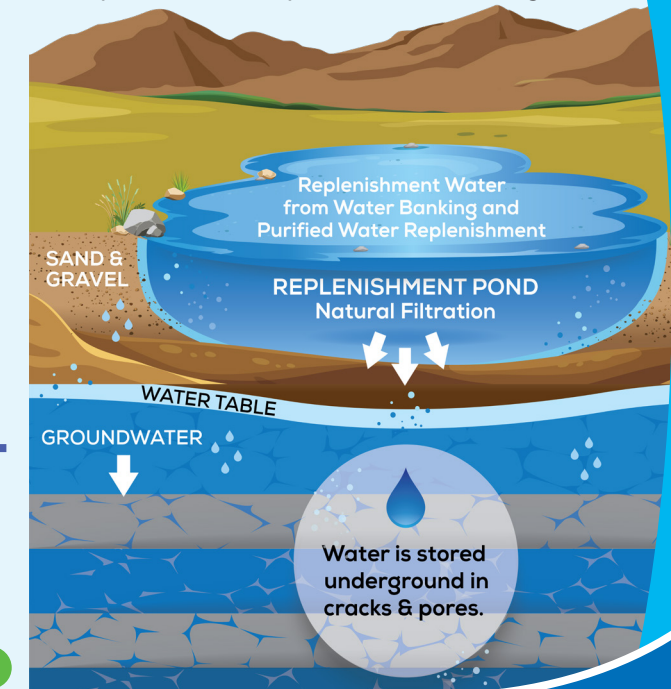
### 4. Replenishment Ponds



Once at the Mountain Avenue West Groundwater Replenishment Facility, the water may be blended with recycled water and imported State Water Project water, when available, and percolates into our local groundwater basin.

### 5. Natural Purification

The water is further purified through the natural soil aquifer treatment process while underground.



### 6. Groundwater Wells

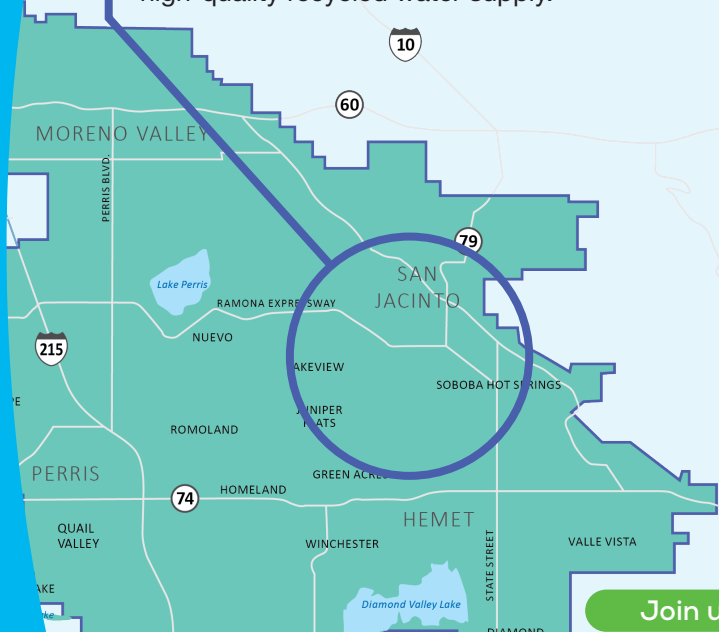


After the water is further cleaned through the natural soil aquifer treatment process over several years, it will be pumped out through several new groundwater wells throughout the San Jacinto Valley.

### 7. Final Purification



The well water receives a last cleaning at the future Hewitt & Evans Groundwater Treatment Facility before entering the distribution system and piped to homes and businesses.



Join us for our Purified Water Replenishment Open House on October 15, 2022. More information available at [emwd.org/OpenHouse](http://emwd.org/OpenHouse)



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



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# Time to Fall Back on Outdoor Watering



Now that cooler weather is arriving for the fall months, it is a great time to be sure to check your irrigation system.

Shorter days and more moisture in the air means your plants need significantly less water to thrive. Reducing your watering schedule is a great way to help save water and money as well as remain within your water budget.

EMWD offers programs to take the guess-work out of changing your watering time. Learn about rebates and FREE services, get landscape design ideas, find a contractor and more at [emwd.org/waterwise-landscape-toolbox](http://emwd.org/waterwise-landscape-toolbox).



## How do I qualify for EMWD's water use efficiency rebates and services?



All EMWD residential customers with irrigated landscapes — areas in front and backyards currently being watered — are eligible to receive services and rebates.

EMWD will guide you through the rebate process, install equipment for FREE and help you save money and water!

There are multiple ways to participate, whether it's a free landscape evaluation service, a free weather-based irrigation controller, or free high-efficiency sprinkler nozzles. You can choose one or all options to design front and backyards perfect for you.

Visit our Landscapes for Living website at [landscapesforliving.emwd.org](http://landscapesforliving.emwd.org).



## Create Your Carefree Landscape

Rebates & Free Water Saving Services Available!

[LandscapesforLiving.emwd.org](http://LandscapesforLiving.emwd.org)