

Mountain Avenue West Groundwater Replenishment Facility

In the Fall of 2021, Eastern Municipal Water District (EMWD) completed work on its Mountain Avenue West Groundwater Replenishment Facility, which will serve as the home for EMWD's Water Banking program as part of its Groundwater Reliability Plus initiative.

The Mountain Avenue West facility is located on the northwest corner of Mountain and Esplanade avenues in the City of San Jacinto. The facility has two large basins that will allow water imported from the State Water Project to percolate into our local groundwater aquifer, where it can then be extracted and used for drinking water purposes.



Water will be imported during years of normal and heavy rain and snow fall. It will be extracted during dry years to help EMWD meet the demands of its communities and to help mitigate the impacts of future droughts.

The facility is designed to replenish up to 30,000 acre feet of water each year. One acre foot is enough for approximately 2 1/2 households. Initial estimates show that up to six feet of water per day can be replenished into the basin.

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The facility was paid for through more than \$9 million in grant funding administered by the Santa Ana Watershed Project Authority. It is part of the Santa Ana Regional Conservation and Conjunctive Use Program (SARCCUP), a first-of-its-kind regional groundwater banking program that includes partnerships with agencies throughout the region.

In addition to increasing the levels within our local groundwater basins to provide future water supply reliability, the facility will also help EMWD improve the groundwater quality in the aquifer and reduce pumping costs.

EMWD worked with the City of San Jacinto to incorporate a landscape design around the perimeter of the facility that features drought-tolerant and low-maintenance landscaping and a meandering walking path that residents may use.

For more information, please visit www.emwd.org/gwr-plus.