

# Episode 001 - Historically Short on Water

Natural beauty surrounds the Las Virgenes-Triunfo Joint Powers Authority (JPA), but this natural beauty covers an ugly reality: our region has no available groundwater basin to pull from to quench our residents' thirst. Listen to longtime Las Virgenes Municipal Water District (LVMWD) board member and local historian Glen Peterson and LVMWD General Manager Dave Pedersen as they discuss with the Full Circle Pod the region's longtime and continuing search for a reliable water supply, where this search is taking us next and how the Las Virgenes-Triunfo Joint Powers Authority - a partnership between LVMWD and Triunfo Water & Sanitation District (TWSD) - is meeting our region's water challenges with the Pure Water Project Las Virgenes - Triunfo.

## Definitions and Terms:

**Acre Feet** - A common unit of measurement in the water industry, equals about 326,000 gallons, or enough water to cover a football field, one foot deep in water.

**Colorado River Aqueduct (CRA)** - Water coming from the Colorado River. As of now, LVMWD and TWSD are unable to receive an adequate supply of water from this system.

**Delta Conveyance Project** - A new project to bring water through a tunnel and around the sensitive ecosystem that is the California Delta and into the California Aqueduct and to Southern California.

**Environmental Impact Report (EIR)** - A key benchmark for public works projects where environmental and human impacts are measured and the public is given a chance to comment. EIR's are an important step in getting a project permitted and eventually built.

**Hydrogen Sulfide** - A chemical compound found in the ground water in the Malibu Creek Watershed that smells like rotten eggs.

**Joint Powers Authority** - A partnership between the TWSD and LVMWD to collect and treat the Malibu Creek Watershed region's wastewater at the Tapia Water Reclamation Facility. Areas served include Calabasas, Agoura Hills, Oak Park, Westlake Village and Parts of Thousand Oaks.

**Low Yield Well** - This refers to a well that cannot produce an adequate rate of water for use in homes and businesses.

**Ocean Outfall** - A common way that wastewater treatment plants discharge their effluent into the ocean far offshore.

**Peripheral Canal** - An early plan to divert water around the San Joaquin Delta to solve some environmental impacts from the pumping necessary to move water through the Delta.

**Sepulveda Pass** - That place where you're stuck in traffic on the 405, but also is a crucial part where water can only be pumped one way, preventing LVMWD and TWSD from receiving an adequate supply of CRA water.

**Sites Reservoir** - A project in northern California that will store high flow flood water. More info <https://sitesproject.org/>

**Stake Holder** - Those in the community who have an interest in a particular project or policy, for the JPA a large part of our stakeholders are those who have an interest in Malibu Creek, such as Heal the Bay.

**Total Maximum Daily Load (TMDL)** - The max amount of something - nitrogen for instance - that is allowed to be discharged into a receiving water - Malibu Creek for the JPA.