

PURE WATER PROJECT LAS VIRGENES - TRIUNFO

Project Facts

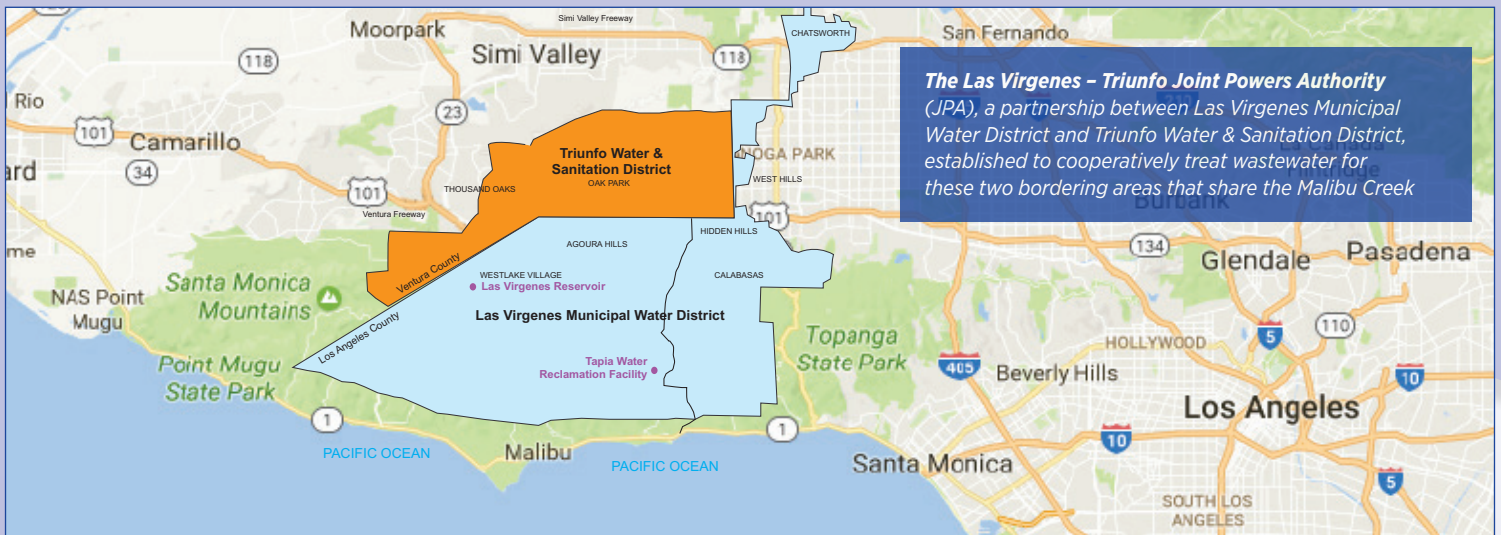
1. **The Pure Water Project Las Virgenes – Triunfo** uses highly treated recycled water and purifies it to drinking water standards using proven advanced purification technology. The purification process consists of membrane filtration/ultrafiltration, reverse osmosis, and ultraviolet sterilization & advanced oxidation.
2. **The Pure Water Project will source up to 15% of the JPA’s water supply locally.** The full-scale facility will have the capacity to produce up to 6 MGD (million gallons per day) of pure water each day.
3. **The Pure Water Project will create a new, local source of water for the region.** The JPA currently imports 100% of its water supply from Northern California through the State Water Project. A local supply of water will ensure less dependence on imported water, and provide reliability in the face of increased drought and natural disasters.
4. **The Pure Water Project closes the sustainability loop** by reusing what was once considered a waste product and maximizing its beneficial reuse through the advanced purification process. Highly treated recycled water, currently used for irrigation or discharged into Malibu Creek, will become a local resource to be used for drinking.
5. **The Pure Water Project purifies highly treated recycled water – NOT wastewater – to drinking water standards.** Wastewater goes through a tertiary treatment process at the Tapia Water Reclamation Facility, after which it meets or exceeds Title 22 water quality standards as outlined by the State Water Resources Control Board Code of Regulations. Before undergoing advanced purification, recycled water is already clear, odorless, and without visible solids and widely used throughout the state, and our communities for irrigation.
6. **This technology is proven.** The advanced purification process has been used for potable reuse in other countries such as Singapore, Australia, and throughout the State of California. It is also the process used to purify water on the International Space Station.



**PURE WATER PROJECT
LAS VIRGENES-TRIUNFO**

Bringing Our Water Full Circle

Serving Southern California



- The advanced purification process successfully removes constituents of emerging concern**, such as micro-plastics, hormones, pharmaceuticals and the forever chemicals known as PFAS (per- and polyfluoroalkyl substances) derived from common household items containing Teflon, flame retardant, and firefighting powder.
- All water on Earth has already been reused through the natural water cycle.** The pure water cycle mimics this process and speeds it up to ensure continuous water availability.
- Conservation isn't enough** – potable reuse through the Pure Water Project is a necessary step needed to continue to meet growing water demands. Ensuring a reliable and sustainable future for our region requires innovative planning and infrastructure.
- Funding for the Pure Water Project will be sourced from state and federal grants**, and low interest loans to help minimize impacts to rate payers.

For More Information

Oliver Slosser P.E. *Engineering Program Manager* | oslosser@lvmwd.com

Joe McDermott P.E. *Director of Engineering and External Affairs* | jmcdermott@lvmwd.com

Las Virgenes - Triunfo JPA 4232 Las Virgenes Road, Calabasas, CA 91302 818-251-2100

OURPUREH2O.COM



PURE WATER PROJECT
LAS VIRGENES-TRIUNFO

Bringing Our Water Full Circle