

# OUR WATER FUTURE



PURE WATER PROJECT  
LAS VIRGENES-TRIUNFO





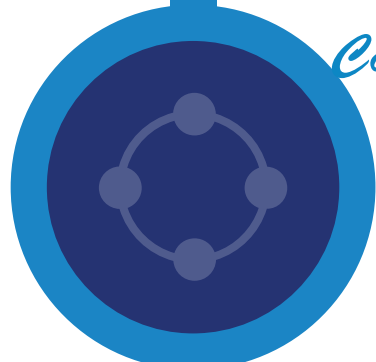
### Local Solution

Reduces the region's reliance on imported water



### Drought-Resilient

Provides a new local, drought-resilient water supply



### Collaborative

Meets the needs of the project partners, community, & environment



### Healthy Watershed

Improves health of the Malibu Creek

## Our Water Future

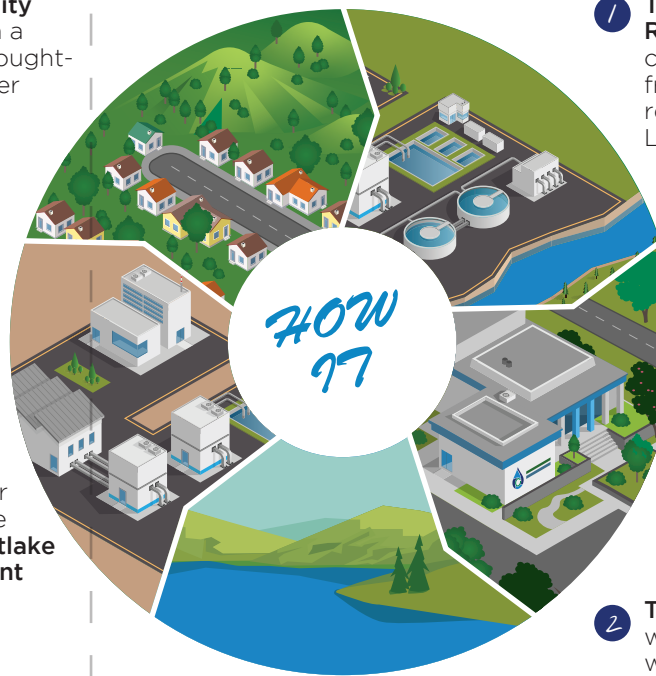
The Conejo-Las Virgenes communities rely solely on water imported from Northern California, a source that continues to suffer from drought and climate uncertainty. Despite unified efforts to conserve, the region is in need of additional water.

In response, the Las Virgenes-Triunfo Joint Powers Authority (JPA) has come together to deliver the Pure Water Project, a sustainable solution that improves the health of Malibu Creek and offers greater water security for its residents and businesses.

## A New Path Forward

The Pure Water Project will take surplus recycled water that is currently being discharged into the Malibu Creek and purify it to meet drinking water standards, creating a new local water source for the community.

## BRINGING OUR WATER FULL CIRCLE



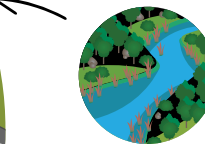
5 The community benefits from a new local, drought-resistant water supply.

4 Water from the reservoir will be further treated at the existing **Westlake Filtration Plant** before being delivered to homes and businesses.

3 Purified water is blended with imported water and stored at the **Las Virgenes Reservoir** for future use.

1 The **Tapia Water Reclamation Facility** currently treats wastewater from over 100,000 residents in Ventura and Los Angeles Counties.

2 The **Pure Water Project** will further treat recycled water at a new advanced water purification facility, creating a drought resilient water supply.



*Today, recycled water is used for outdoor irrigation. The remainder is discharged into Malibu Creek.*

## Responsible and Affordable Investment

As the cost to import water continues to rise, leaders throughout California are looking for local solutions that offer water security and financial stability. While building a new advanced water purification facility, distribution pipelines, and brine disposal line come at a price, the Pure Water Project offers wide-ranging benefits, including local control over the cost of water.

The Pure Water Project is estimated to cost \$364 million, much of which will be funded by state and federal grants and low-interest loans, minimizing the impact to ratepayers.

*The average Las Virgenes-Triunfo JPA customer will see an annual increase of less than \$4.00 on their monthly bill as a*

*result of the project.*

## Las Virgenes-Triunfo JPA

The Las Virgenes-Triunfo Joint Powers Authority (JPA) was formed in 1964 through a partnership between Las Virgenes Municipal Water District and Triunfo Water & Sanitation District. The JPA provides wastewater treatment, recycled water service and biosolids composting for residents and businesses in eastern Ventura and western Los Angeles.

### 2015-2020

- Project alternatives analysis
- Feasibility study
- Land acquisition

### 2021-2023

- Environmental studies
- Planning

### 2023-2025

- Project design
- Funding and financing

### 2025-2028

Construction of pipelines and Advanced Water Purification Facility

### 2028-2030

Project start-up

### 2030

Pure Water Project is fully operational!

## Proven Technology

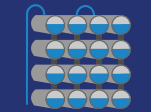
The Pure Water Project will use a state-of-the-art advanced water purification process to transform recycled water into drinking water. This proven process is used throughout California, the U.S., and internationally.



### STEP 1

#### MEMBRANE FILTRATION

Bundles of membrane filters remove large particles and bacteria.



### STEP 2

#### REVERSE OSMOSIS

High pressure filters remove smaller bacteria & viruses, salts, pharmaceuticals, pesticides, and PFAS from the water. This treatment process is commonly used for desalination of seawater and by bottled water companies.



### STEP 3

#### ADVANCED OXIDATION

UV light and sodium hypochlorite/bleach is used to break down any remaining contaminants and disinfect water.



### STEP 4

#### PURE WATER

The final product is a highly purified water that exceeds federal and state drinking water standards.



Taste the power of pure water at the Pure Water Demonstration Facility.



**PURE WATER DEMONSTRATION FACILITY**  
4232 LAS VIRGENES ROAD, CALABASAS, CA 91302

Schedule a tour today to experience the technology and taste the region's future water source.

For more information visit  
[www.OurPureH2O.com](http://www.OurPureH2O.com)

## PURE WATER PROJECT LAS VIRGENES-TRIUNFO



*"Pure Water is the world's first and foremost medicine."*

- SLOVAKIAN PROVERB

### CONTACT US

Las Virgenes - Triunfo JPA

818.251.2100 | [OurPureH2O.Com](http://OurPureH2O.Com)

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