



**PURE WATER PROJECT  
LAS VIRGENES-TRIUNFO**

Bringing Our Water Full Circle



## Advanced Water Purification Facility (AWPF) Oak Tree Removal Information Session



# Welcome

## Session Focus

- ◆ Benefits of Purified Recycled Water for Our Region
  - ◆ Planned Construction of the Advanced Water Purification Facility (AWPF)
- ◆ Oak Tree Removal and Mitigation Efforts
  - ◆ Opportunities to Connect with Project Team Members and Ask Questions



# Proposed Pipeline Alignment



# Project Overview

## What is the Pure Water Project?

The Pure Water Project Las Virgenes-Triunfo takes surplus recycled water from the Tapia Water Reclamation Facility and purifies it through advanced treatment technologies (membrane filtration, reverse osmosis, and ultraviolet light with advanced oxidation) to meet or exceed state drinking water standards. The purified water is stored in the Las Virgenes Reservoir, blended with imported water, and undergoes final treatment at the Westlake Filtration Plant before entering the drinking water system.



Pure Water Project Demonstration Facility

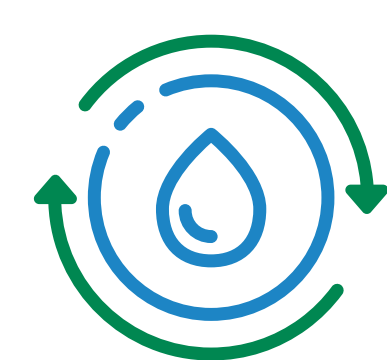
## Project Benefits:



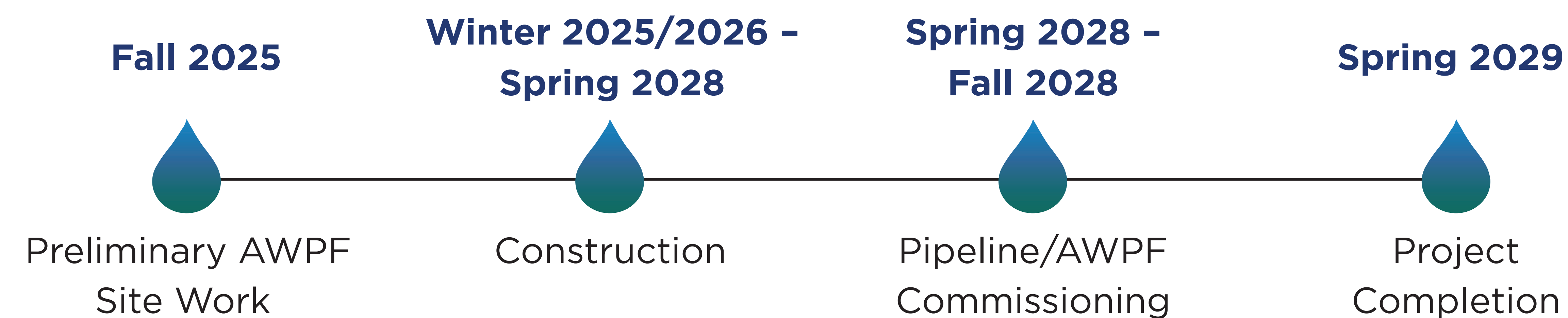
**Local Water Supply** – Reduces reliance on imported water



**Flexibility** – Supports water security during times of reduced imported supplies



**Sustainability** – Eliminates the need for excess recycled water discharge to Malibu Creek



*Construction is a dynamic process and this information is subject to change*



Las Virgenes Reservoir

# Oak Tree Removal & Mitigation

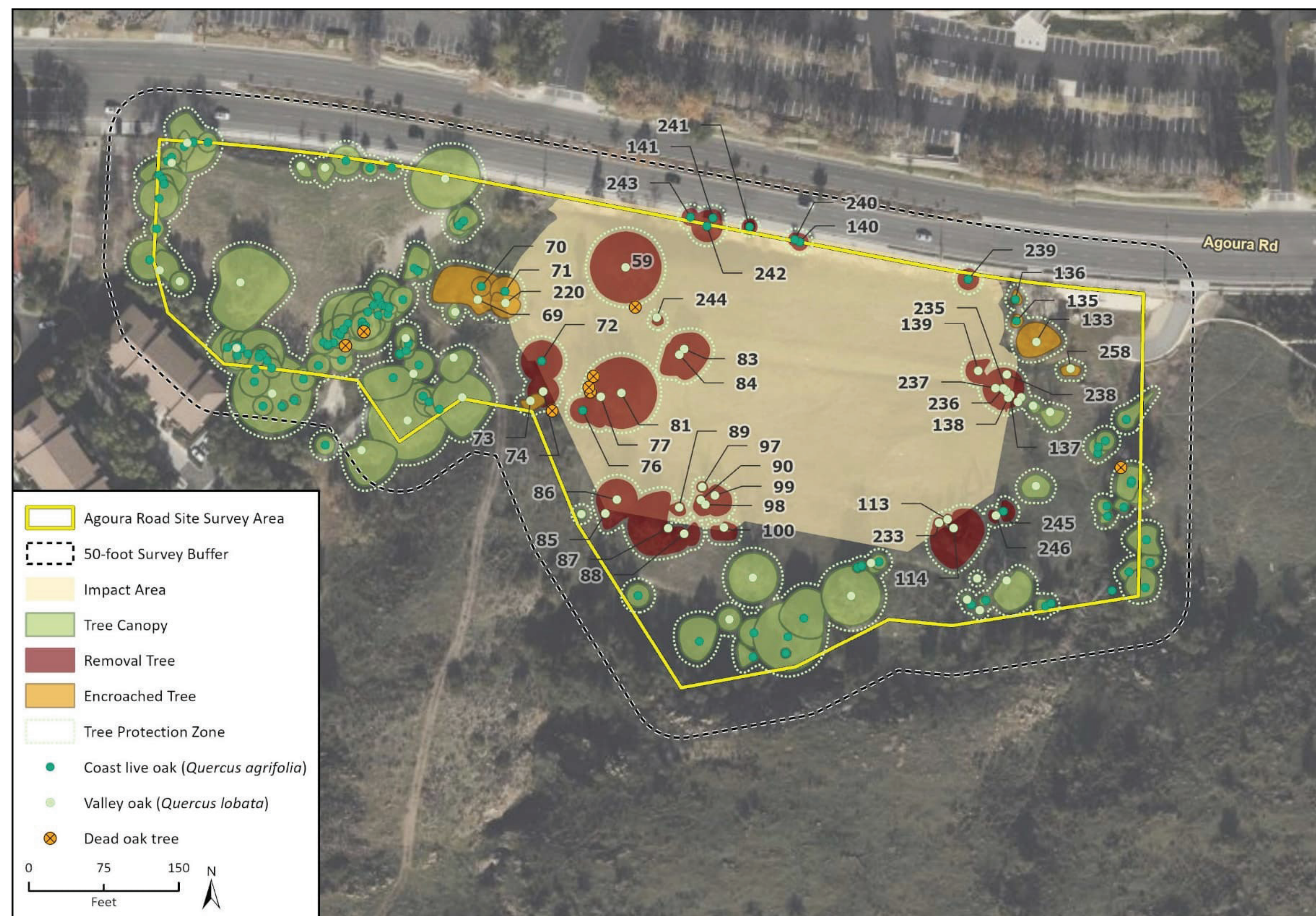
Tree Type	# of Removals	# of Replacements
Coast Live Oak	10	40
Valley Oak	28	112
<b>Total</b>	<b>38</b>	<b>152</b>

## Why are oak trees being removed?

The removal of certain oak trees is necessary to allow construction of the Advanced Water Purification Facility (AWPF) and related infrastructure. All tree removals and construction work will be carried out with a focus on public safety.

To offset removals, the project will plant replacement oak trees, with the majority planted on the project parcel and the adjacent southern parcel, at ratios consistent with local ordinances, ensuring long-term habitat restoration and preservation of the area's ecological value.

## Protected Oak Trees Within Project Site



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## Conceptual Oak Tree Restoration Planning



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# AWPF Overview



**Located within the City of Agoura Hills**  
30800 Agoura Road



## Advanced Purification Treatment Process

- 1. Membrane Filtration**  
Removes fine particulate
- 2. Reverse Osmosis**  
Eliminates salts, viruses, contaminants
- 3. Ultraviolet Light**  
Ensures disinfection
- 4. Result**  
Purified water that will be blended with imported water at the Las Virgenes Reservoir



# Community Outreach

 **Weekly Construction Updates**

 **24/7 Project Helpline**

 **Social Media Content/Updates**

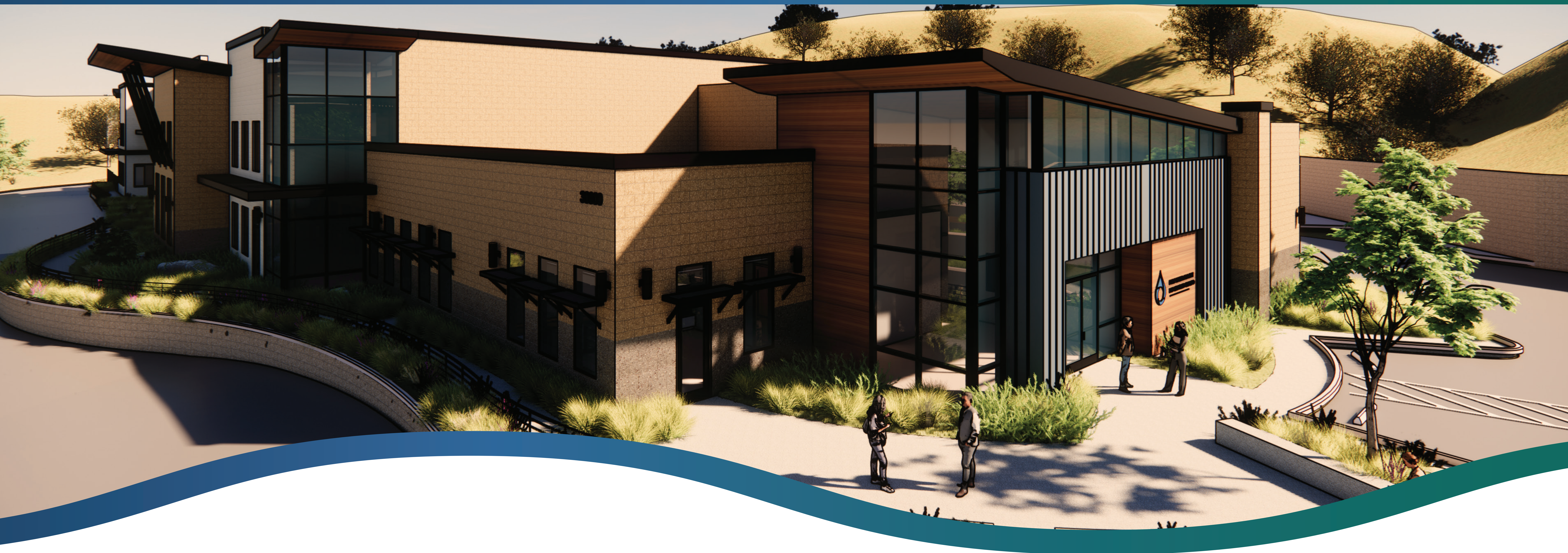
 **Impacted Business Support**

 **Community Events**

 **Pure Water Demonstration  
Facility Tours**



# Stay Connected!



**Sign up** to receive the latest Pure Water Project updates!

