

# Ensuring Purified Water Quality in California

## BUILDING TRUST THROUGH SCIENCE-BASED STANDARDS

### WHAT IS CalVal?

CalVal is a multi-year initiative focused on developing uniform, science-based guidance for the permitting, implementation, and operation of potable reuse projects across California.

This collaborative effort brings together National Water Research Institute (NWRI), California Water Utilities, WaterReuse, Water Research Australia, the Water Research Foundation, and State of California regulators. Together, they are working to establish consistent and transparent standards that protect public health and build public trust in potable reuse systems.



Ensure safe, reliable drinking water for all Californians.



Support both Indirect Potable Reuse (IPR) and Direct Potable Reuse (DPR) projects.



### PHASE 1

Complete Summer 2025

### PHASE 2

Summer 2025 - Summer 2027

### KEY BENEFITS

- ▶ Trust & Transparency from open, collaborative process
- ▶ Informed decision-making
- ▶ Consistent safety standards

### CalVal FOCUS AREAS



Pathogen Removal in Treatment Plants.



Membrane Technologies (Ultrafiltration, Microfiltration, Reverse Osmosis).



Disinfection (UV, UV-AOP, Ozone, Chlorine Dioxide, Free Chlorine).



Biological Activated Carbon Filtration.



Reservoir & Groundwater Modeling for Reuse Projects.

