



Engineering, Operations, & Technology Committee

# Pure Water Southern California Quarterly Update

Item 6b

January 12, 2026

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## Item 6b

### PWSC Quarterly Update

#### Subject

Pure Water Southern California Program Update

#### Purpose

Provide updates on environmental planning, public outreach, grant funding, demonstration testing, direct potable reuse (DPR) planning, and next steps

#### Next Steps

Consider the certification of EIR in February 2026

# PWSC Quarterly Update

## Agenda

- Environmental Planning
- Public Outreach
- Grant Funding
- Demonstration Testing
- DPR Planning
- Next Steps

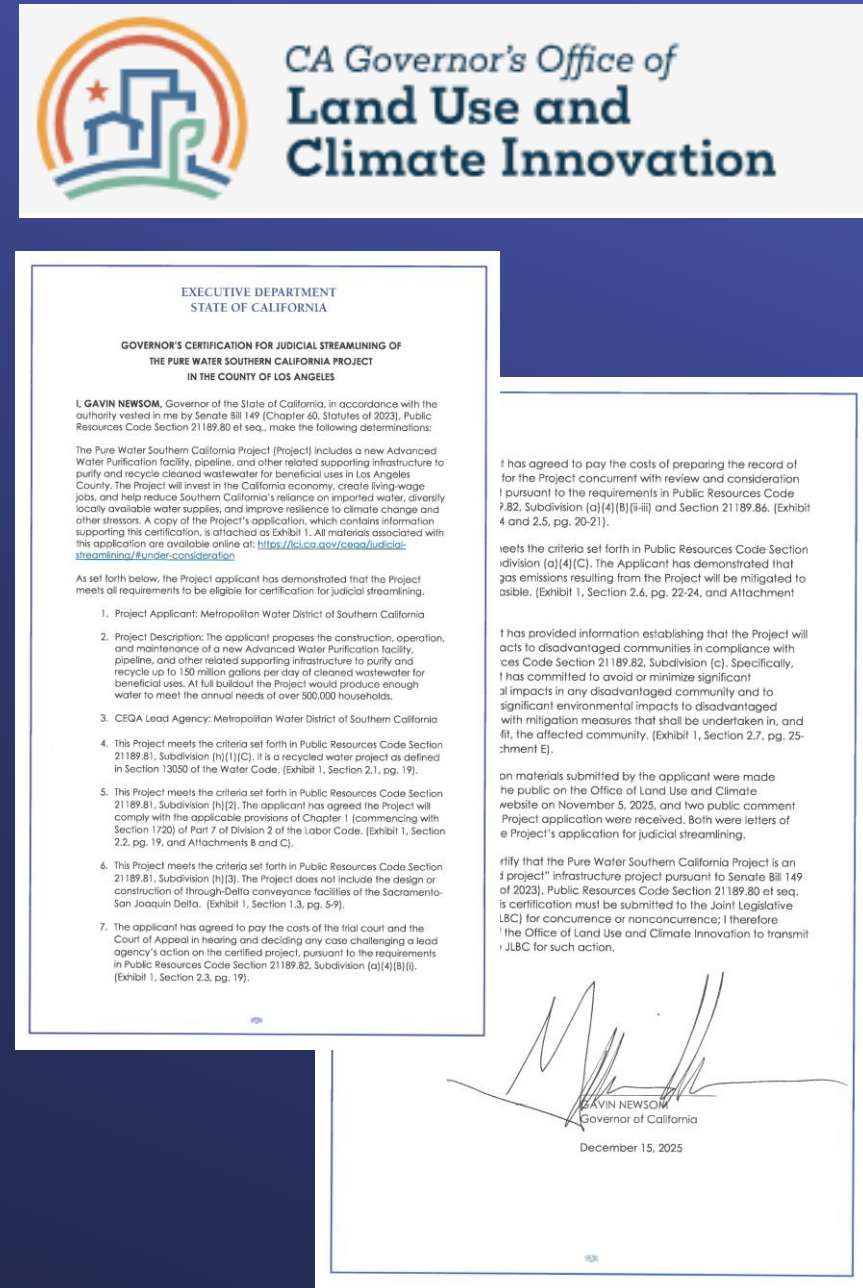
# Environmental Planning

- **CEQA**

- Completed public review responses for Draft EIR
- Completed Final EIR for board consideration of certification in February

- **SB 149** – CEQA Litigation Streamlining

- Submitted final application to State on 10/20/2025; public review closed on 11/14/2025
- Received 3 support letters
- Certified by Governor Newsom for Judicial Streamlining under the SB 149 Infrastructure Streamlining Program on 12/15/2025





# Program Outreach

- Continued Community Engagement & Outreach
- Continued Napolitano Innovation Center Tours



San Gabriel Valley Water Association Annual Membership Meeting



Tour with Long Beach Mayor Richardson



West Basin MWD's Annual Water Harvest Event



Strength-Based Communities for Change Water Harvest Festival

## PWSC Program Update

### Grant Funding

- **State of California Grant**
  - \$80 M direct grant - \$46 M spent to date
- **WaterSMART**
  - \$5 M federal grant
  - Submitted quarterly reports
  - Received \$4.2 M to date (\$316 K for LACSD)
- **LSWRP** (Large-Scale Water Recycling Program)
  - \$125 M federal grant
  - Submitted initial report
  - Received \$21.3 M to date (\$4.5 M for LACSD)
- **GAO Report**



# Demonstration Plant Testing

- IPR Testing
  - Completed testing of optimized nitrification/denitrification for tertiary membrane bioreactor (NdN tMBR)
  - Begun testing of optimized nitrification only for tertiary membrane bioreactor (N-Only tMBR)
- Facility Upgrades
  - Installed snail mitigation & prevention systems
- Industry Collaboration
  - Hosted & participated in NWRI CalVal workshops
  - Presented at AWWA WQTC & WEFTEC



Installation of snail mitigation system



NWRI CalVal Workshop



AWWA WQTC Conference

# DPR Planning

- Assessing Strategies for DPR Implementation
  - Developed potential DPR implementation options
  - Identified infrastructure requirements & costs
  - Presenting preliminary findings to Board in March
- Procuring DPR Demonstration/Pilot Testing Equipment
  - Five bid packages advertised: MF/RO; Ozone & GAC/BAC; UV & AOP; Carbon Dioxide Feed; Lime Stabilization
  - March board action for contract awards
- Conducting Additional Technical Studies
  - Operational scenarios analysis
  - Pump-in policy considerations

Roadmap for Direct Potable Reuse:  
Considerations for Implementing  
DPR through the  
Pure Water Southern California Program

September 2024



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

PUREWATER  
SOUTHERN CALIFORNIA



LOS ANGELES COUNTY  
SANITATION DISTRICTS  
Converting Waste Into Resources



# Proposed PWSC Roadmap

**February 2026**

- **Certify Final EIR**

**March 2026**

- CAMP4Water Feedback
- Program Staging Plan
- DPR Implementation Strategy
- **Procure DPR Demo. Equipment**

**April 2026**

- **Approve Metropolitan Biennial Budget**
- Information on Upcoming Agreements

**May 2026**

- **Authorize LACSD Agreement**

**June 2026**

- **Approve Implementation of Initial Program Stage**

