



Engineering, Operations, & Technology Committee

Pure Water Southern California Quarterly Update

Item 6b

January 12, 2026

Presented by: Gloria Lai-Blüml

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

Agenda

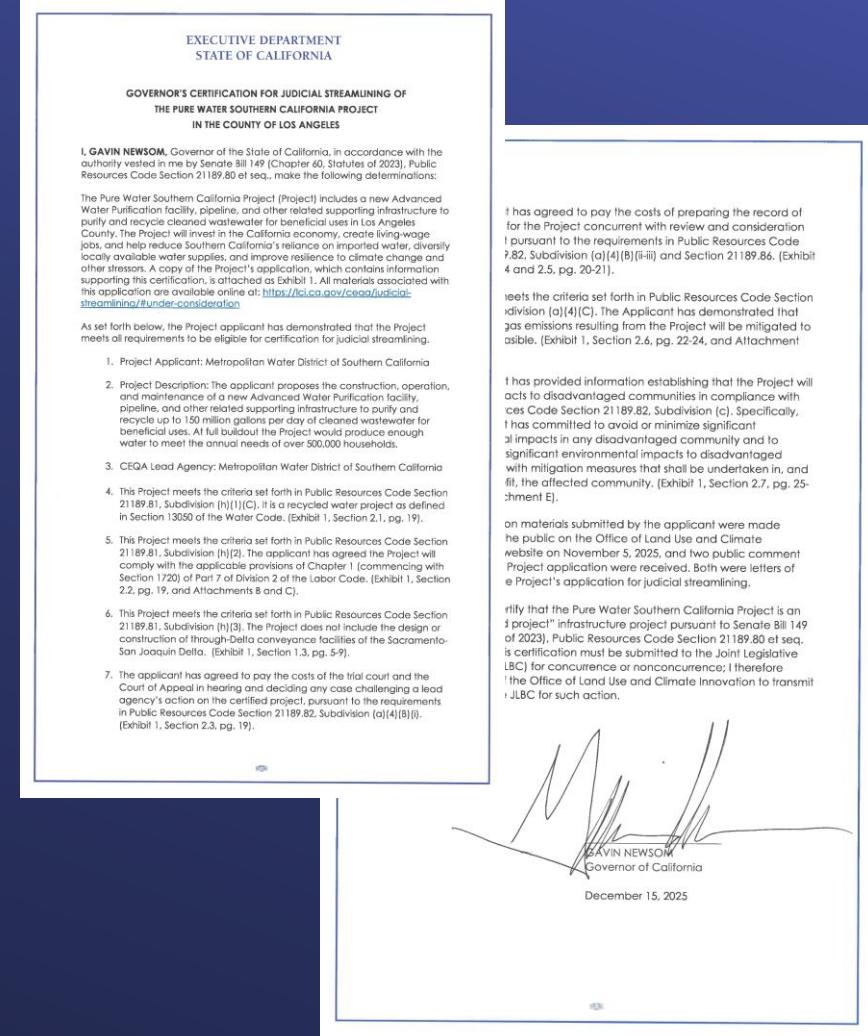
- Environmental Planning
- Public Outreach
- Grant Funding
- Demonstration Testing
- DPR Planning
- Next Steps

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



CA Governor's Office of
Land Use and
Climate Innovation



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



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**



