



Engineering, Operations, & Technology Committee

Pure Water Southern California Program Update

Item 6a

October 13, 2025

Item 6a

PWSC Program Update

Subject

Pure Water Southern California Program Update

Purpose

Provide program updates on environmental planning, direct potable reuse planning, member agency/program partner collaboration, and next steps

Next Steps

Review and adopt policy principles for agreements later this year, and consider the adoption of the PEIR and approve the project in early 2026.

Item 6a
PWSC
Program
Update

Agenda

- Environmental Planning
- Direct Potable Reuse Planning
- Technical Studies
- Member Agency/Program Partner Collaboration
- Next Steps

PWSC Program Update

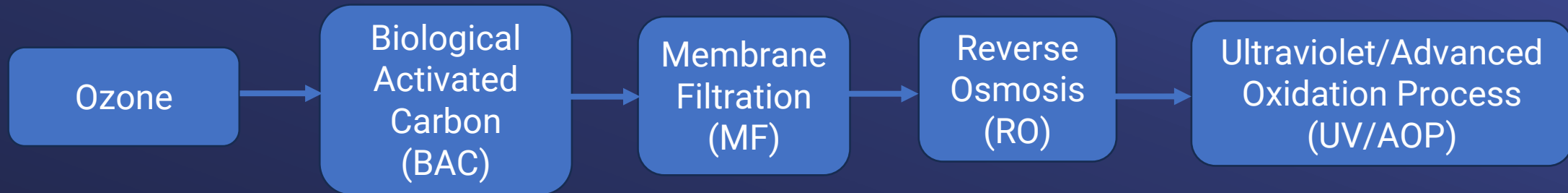
Environmental Planning

- CEQA
 - Preparing responses to Draft EIR comments
 - Board action to certify Final EIR anticipated in Jan 2026
- SB 149 – CEQA Litigation Streamlining
 - Preparing administrative record
 - Submitted draft application in September

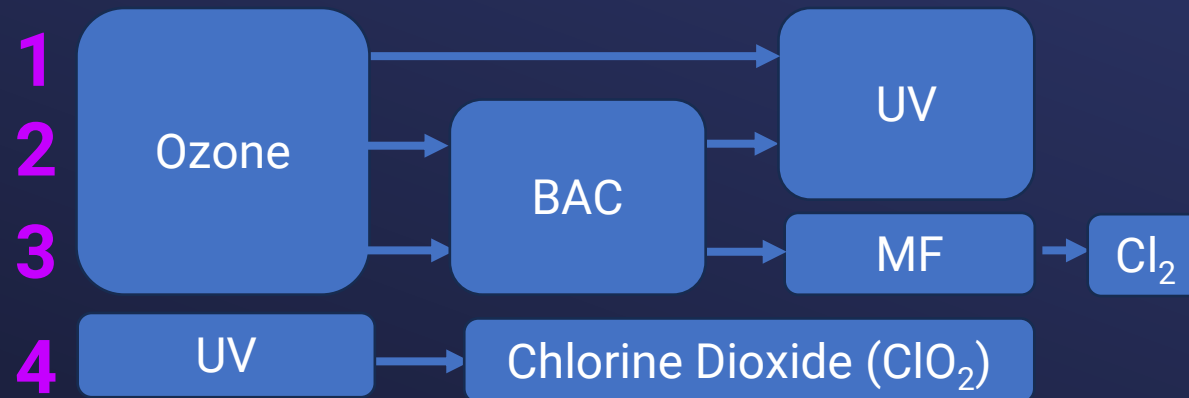
Direct Potable Reuse Planning

- DPR Demonstration Testing Equipment Procurement Underway
- Design/Construction/Testing

Default Train (full-size MF/RO modules)



Alternative Trains (pilot skids)



Upcoming Technical Studies

- System Turn-down Analysis
- Envision/LEED Certification Analysis
- DPR Implementation Analysis
- Traffic Study
- Pump-in Policy Considerations for DPR

PWSC Program Update

Member Agency/Program Partner Collaboration

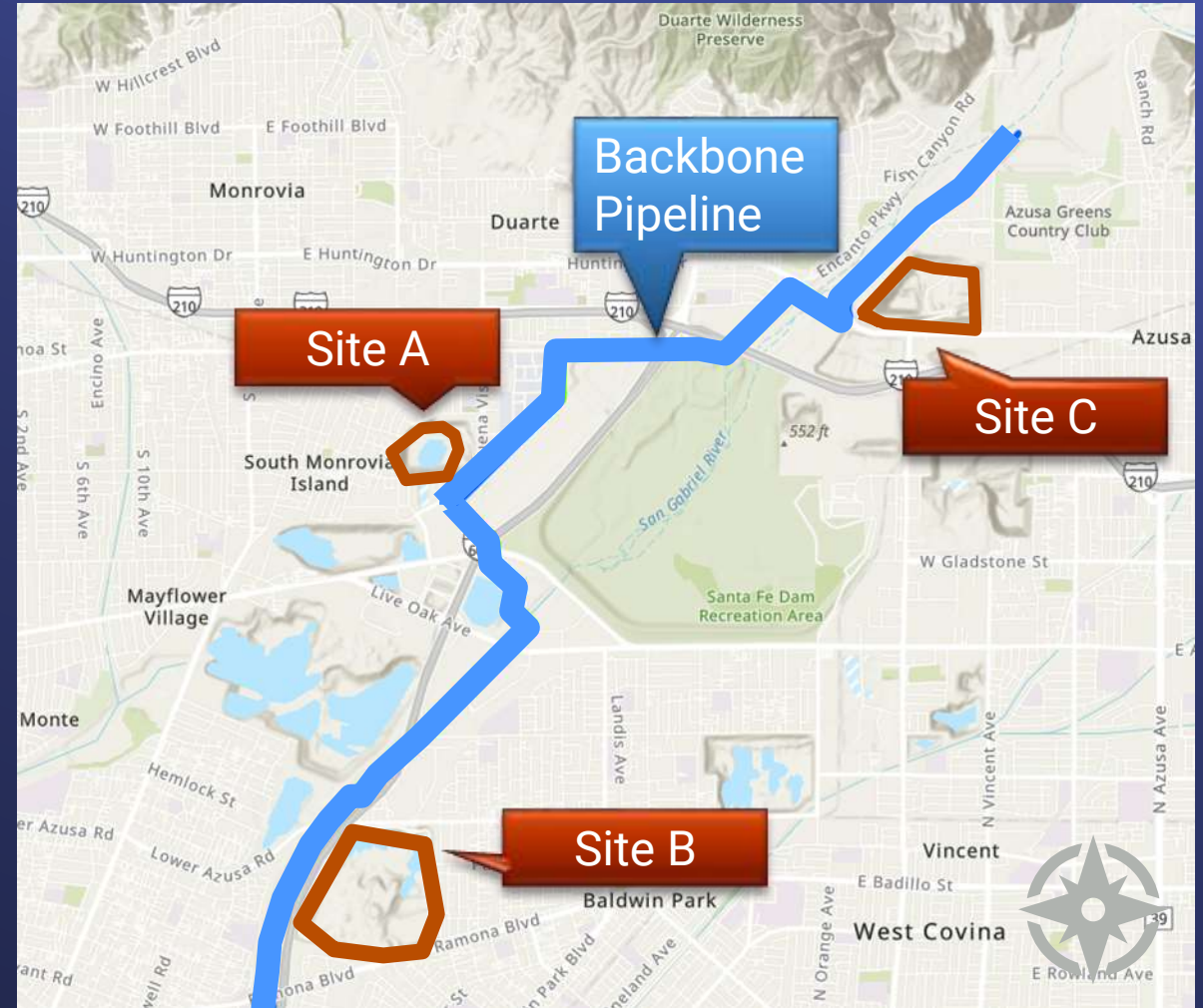
- Member Agency (MA) Agreement Development
 - Step 1: Letters of Intent (Completed)
 - Step 2a: Guiding Principles (2025)
 - Step 2b: Development of Term Sheet (2026)
 - Step 3: Interim Agreement (2026-2035+)
 - Step 4: Long-term Agreement (2035-2060+)
- Continued discussion with LACSD, Southern Nevada Water Authority & Arizona parties, San Gabriel Valley Municipal Water District (SGVMWD)

Guiding Principles for Partnership

- Guiding Principles Improve Partnership Process
 - Provides better alignment with CAMP4Water process
 - Allows the Board to weigh in on policy issues before term sheets are finalized
 - Defers term sheet discussions until after project approval
- Guiding Principles for Partnership Next Steps
 - Information Item: November 2025
 - Action Item: December 2025

What is the Return on Investment (ROI) of the Purchase of the New Recharge Basin?

- Convened Recharge Basin Working Group for Main San Gabriel Basin
 - Working Group included Upper Water, Three Valleys, Watermaster, Los Angeles County Dept. of Public Works, & Metropolitan
- Identified 3 potential sites for dedicated recharge



Analysis

What is the ROI of the purchase of the new recharge basin(s)?

Return on Investment (ROI) Analysis

- New basin provides at least 7,700 AFY of additional PWSC deliveries
- Included cost to purchase property, improvements, sale of water & maintenance
- ROI for all sites is net positive, ranging from 44% to 141% in year 1, with investment recovered in 6-12 years.

Next Steps to Prepare for Board Decisions

Program Cost Update
Board Workshop
CAMP4W
Assessment
Workshop
September 2025

Information on
Guiding Principles
for Partnership
CAMP4W Refined
Assessment
November 2025

Final EIR
Certification
January
2026



Program Update
Community Benefits
Rate Impact
October 2025

Approval of Guiding
Principles for
Partnership
December 2025

Program
Staging/
Implementation
Decisions
2026

