

Water Supply Master Plan 2050

Board of Directors Meeting, November 12, 2025

Needs and Purpose of WSMP

- Guiding document for longterm water supply investments
- Address challenges and identify strategies to maintain reliable water supply system
- Adapt to changing conditions

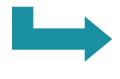




Strategies for Water Supply Reliability



Lower Cost (\$3.9 Billion)



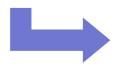
Pure Water Silicon Valley

Delta Conveyance Project

B.F. Sisk Dam Raise Groundwater Bank (250,000 AF)

South County Recharge

Local Control (\$4.5 Billion)



Pure Water Silicon Valley

Palo Alto Potable Reuse Groundwater
Bank
(350,000 AF)

South County Recharge

Diversified (\$4.0 Billion)



Pure Water Silicon Valley

Delta
Conveyance
Project

B.F. Sisk Dam Raise

Sites Reservoir Groundwater Bank (150,000 AF)

South County Recharge



Adaptive Management

- Planning under deep uncertainty
 - Projects still evolving
 - Uncertainty with forecasted future supply and demand
- Adaptive management framework to provide flexibility for making incremental investment decisions
- Roadmap and annual reporting



Adaptive Management Roadmap

NOW

- Focus on Lower Cost Portfolio
- Continue planning for other projects
- Continue Desal feasibility study
- Continue implementing conservation programs

NEAR-TERM (2-3 YEARS)

- Assess progress on project planning and implementation
- Make project decisions based on triggers, new information, and actual conditions
- Continue planning for other projects

MID-TERM (5 YEARS)

- Assess progress on project implementation
- Update demand projections and water supply outlook
- Update WSMP

INDICATORS



Sisk negotiation

DPR project progress

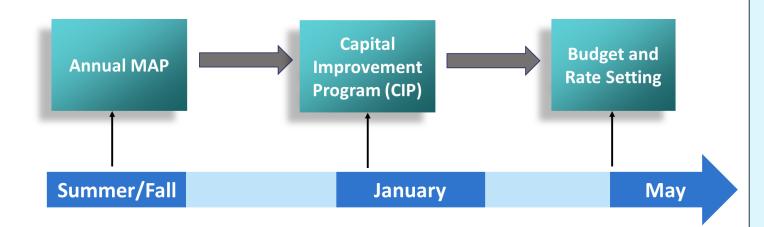
Project decisions

Annual MAP report

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Annual Reporting for Adaptive Process

- Track project progress
- Report conditions of indicators
- Recommend actions as needed



Indicators

- Negotiation and agreements with other agencies
- Upcoming project decisions
- Regulatory and permitting issues
- Annual supply
- Annual water use
- Conservation progress
- Growth trend/demand
- Regional agreements and decisions by other agencies
- Other



Engagement and Outreach

- Board and Committee meetings
- Retailer meetings and review
- Interest holder meetings and responses
- Newsletter/blog/social media
- Expert panel



Plan Organization

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Executive Summary

- 1 Introduction
- 2 Water Supply System
- 3 Water Supply Challenges
- 4 Water Supply Needs Assessment
- 5 Project Options
- 6 Water Supply Strategies
- 7 Adaptive Management
- 8 Outreach and Engagement

APPENDICES

- A Board Ends Policy E-2
- B Potable Reuse Goal
- C 2050 Conservation Goal
- D Demand Model Development
- E Water Supply Modeling
- F Water Shortage Impacts
- G Cost Analysis Method and Assumptions
- H Additional Portfolios



- Post final report on website
- Develop annual MAP report and present to the board in fall 2026



Recommendation

Adopt the WSMP 2050

