



Water Supply Master Plan 2050

Board of Directors Meeting, November 12, 2025

Needs and Purpose of WSMP

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- Guiding document for long-term 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)



Local Control (\$4.5 Billion)



Diversified (\$4.0 Billion)



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

Annual MAP report

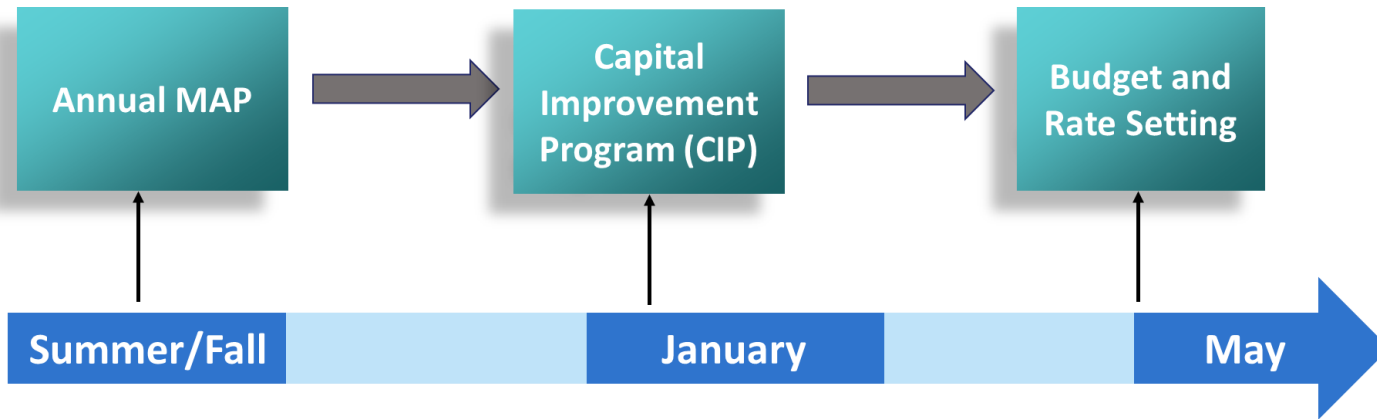
INDICATORS



Sisk negotiation
DPR project progress
Project decisions

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

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

Next Steps

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

Recommendation

- Adopt the WSMP 2050