Subcommittee on CAMP4W

Discussion of Potential Portfolios for CAMP4W Assessment and Next Steps

Item 3d

September 30, 2025

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Discussion of Potential Portfolios for CAMP4W Assessment and Next Steps

- Discuss Value of CAMP4W Portfolios
- Share Initial Process for Developing Portfolios and Portfolio Objectives
- Deep Dive on Portfolios with Member Agency Managers on October 20

CAMP4W Decision-Making Framework Progress

Approve evaluative criteria

Test criteria using conceptual projects

Demonstrate comprehensive assessment approach for individual projects

Develop and assess portfolios to inform decision-making

Why Portfolio Evaluation is Critical

Context Provides Deeper Understanding of Potential Project Impacts

Supports Adaptive Management in Individual Project Decisions and Program Development

- Integrate and Optimize Projects
- Sequence Implementation with Projected Need
- Evaluate Cumulative Impacts & Tradeoffs
- Advance Multiple Benefits Approach

How will we use Portfolio Assessments?

- Inform incremental decision-making on specific projects and programs
- There is no “One Perfect Portfolio”
- Demonstrate how projects perform within different portfolios
- Facilitate adaptive management through planning for multiple objectives

Known Projects for 2025-2026 Portfolios *(not exhaustive)*

Pure Water So Cal

Sites Reservoir

Delta Conveyance Project

SWPDA Drought Mitigation

Local Resources and Exchanges

AVEK Expansion

Expanded Conservation

New Surface Storage

Groundwater Replenishment Actions

Delta Freshwater Pathway

Ocean / GW Desalination

SWP Flex Supply (land, fallowing, etc.)

Iterative Process for CAMP4W Portfolios Development

Set Objectives

Determine criteria and objectives to emphasize

Near-Term, Low Regrets

Identify projects that provide immediate, flexible benefits under many futures

Long-Term Solutions

Identify long-term, scalable options to meet future supply challenges

Adjust for Risk & Affordability

Refine projects and portfolios to balance performance, cost, uncertainty

Inform Decision-Making

Review projects and programs within context of portfolio performance

Potential Approach to Setting Portfolio Objectives

1. Each portfolio will be compared to time-bound targets
2. Use evaluative criteria as the foundation (Reliability, Resilience, Financial Sustainability/Affordability, Adaptability & Flexibility, Equity, Environmental Co-Benefits)
3. Define a relative emphasis for each portfolio (e.g. maximize reliability v. minimize cost)
4. Tailor objectives for each portfolio (imported water reliability, near-term affordability, regional resilience, maximize existing system flexibility, etc.)

Potential Portfolios for CAMP4W Assessment (for discussion)

Portfolio	Example Objective
A	SECURING IMPORTED WATER RELIABILITY
B	ADAPTING TO CLIMATE WHIPLASH OF WET AND DRY
C	ADDING FLEXIBILITY AND ADAPTABILITY TO EXISTING SYSTEM
D	REDUCING RELIANCE ON IMPORTED WATER / REGIONAL RESILIENCE
E	LONG-TERM RELIABILITY WITH KNOWN MAJOR PROJECTS

Using Evaluative Criteria for CAMP4W Portfolios

- Reliability – modeled together, sequenced over time
- Resilience – combined vulnerabilities and/or resilience benefits
- Financial Sustainability/Affordability – comprehensive rate impacts, total capital and life cycle costs
- Adaptability & Flexibility – integrated operations, combined benefits or challenges
- Equity – aggregated impacts and benefits
- Environmental Co-Benefits – aggregated impacts and benefits

Informing CAMP4W Portfolio Development

Today's Discussion

Seeking Feedback on:

- Process for Developing Portfolios (slide 7)
- Approach to set portfolio objectives (slide 8)
- List of example portfolio objectives (slide 9)
- List of known projects (slide 6)
- Anything else…

Next Steps

- Member Agency Portfolio Workshop – October 20

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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